

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077869.D
 Acq On : 25 May 2023 00:12
 Operator : JC\MD
 Sample : VN0524MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	385283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	722029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	621444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273560	47.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.900%		
35) Dibromofluoromethane	8.177	113	231369	49.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.577	98	848834	46.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.853	95	277428	43.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74778	17.054	ug/l	94
3) Chloromethane	2.371	50	86082	17.346	ug/l	98
4) Vinyl Chloride	2.518	62	108850	19.690	ug/l	98
5) Bromomethane	2.965	94	82260	20.119	ug/l	90
6) Chloroethane	3.130	64	77441	19.438	ug/l	98
7) Trichlorofluoromethane	3.501	101	153140	19.877	ug/l	99
8) Diethyl Ether	3.971	74	53409	18.989	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	83943	19.688	ug/l	99
10) Methyl Iodide	4.600	142	108968	21.430	ug/l	97
11) Tert butyl alcohol	5.536	59	68062	85.548	ug/l	100
12) 1,1-Dichloroethene	4.348	96	84118	20.758	ug/l	89
13) Acrolein	4.195	56	37108	52.245	ug/l	92
14) Allyl chloride	5.042	41	104211	17.506	ug/l	96
15) Acrylonitrile	5.736	53	197898	93.105	ug/l	98
16) Acetone	4.442	43	161212	88.886	ug/l	94
17) Carbon Disulfide	4.718	76	199552	18.276	ug/l	95
18) Methyl Acetate	5.036	43	140921	18.521	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	281647	19.202	ug/l	94
20) Methylene Chloride	5.289	84	100974	20.213	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	88554	19.454	ug/l	91
22) Diisopropyl ether	6.677	45	262420	18.807	ug/l #	94
23) Vinyl Acetate	6.612	43	769774	89.039	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	173615	20.309	ug/l	98
25) 2-Butanone	7.494	43	247052	87.077	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	108348	14.919	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	111050	20.346	ug/l	97
28) Bromochloromethane	7.824	49	69563	18.816	ug/l #	91
29) Tetrahydrofuran	7.847	42	165983	89.346	ug/l	85
30) Chloroform	7.977	83	186287	19.810	ug/l	91
31) Cyclohexane	8.265	56	147314	18.802	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	160777	20.110	ug/l	97
36) 1,1-Dichloropropene	8.377	75	134562	19.540	ug/l	97
37) Ethyl Acetate	7.571	43	110615	18.021	ug/l #	93
38) Carbon Tetrachloride	8.371	117	140770	20.243	ug/l	96
39) Methylcyclohexane	9.606	83	158519	18.802	ug/l	91
40) Benzene	8.612	78	399733	19.670	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58360	17.853	ug/l	90
42) 1,2-Dichloroethane	8.677	62	140976	19.097	ug/l	96
43) Isopropyl Acetate	8.694	43	178159	17.770	ug/l	96
44) Trichloroethene	9.359	130	110682	21.510	ug/l	90
45) 1,2-Dichloropropane	9.624	63	101730	19.625	ug/l	94
46) Dibromomethane	9.718	93	71352	19.236	ug/l	94
47) Bromodichloromethane	9.894	83	140300	19.757	ug/l	98
48) Methyl methacrylate	9.688	41	82840	17.427	ug/l	87
49) 1,4-Dioxane	9.700	88	32346	360.280	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	546693	91.734	ug/l	93
52) Toluene	10.635	92	257871	20.383	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	132641	17.638	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	150654	18.179	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	99317	19.771	ug/l	92
56) Ethyl methacrylate	10.882	69	139786	18.404	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	168013	19.510	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	278136	74.435	ug/l	94
59) 2-Hexanone	11.200	43	375154	85.107	ug/l	93
60) Dibromochloromethane	11.365	129	104187	20.090	ug/l	100
61) 1,2-Dibromoethane	11.482	107	102527	20.459	ug/l	97
64) Tetrachloroethene	11.112	164	102658	23.622	ug/l	94
65) Chlorobenzene	11.900	112	272765	20.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	101041	21.675	ug/l	98
67) Ethyl Benzene	11.971	91	478509	19.820	ug/l	100
68) m/p-Xylenes	12.076	106	367416	40.164	ug/l	99
69) o-Xylene	12.406	106	182571	20.294	ug/l	100
70) Styrene	12.418	104	283235	19.818	ug/l	99
71) Bromoform	12.588	173	63208	20.383	ug/l #	99
73) Isopropylbenzene	12.700	105	468657	22.038	ug/l	99
74) N-amyl acetate	12.500	43	141980	18.062	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	131138	20.045	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	115390m	18.676	ug/l	
77) Bromobenzene	12.988	156	105435	21.725	ug/l	96
78) n-propylbenzene	13.041	91	531178	21.187	ug/l	100
79) 2-Chlorotoluene	13.129	91	321110	21.464	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	400375	22.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31101	16.091	ug/l #	80
82) 4-Chlorotoluene	13.229	91	300338	20.177	ug/l	99
83) tert-Butylbenzene	13.447	119	339660	21.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	388996	22.129	ug/l	99
85) sec-Butylbenzene	13.623	105	466352	21.030	ug/l	98
86) p-Isopropyltoluene	13.735	119	386518	21.863	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	178228	19.858	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	172653	19.386	ug/l	98
89) n-Butylbenzene	14.065	91	298285	18.344	ug/l	98
90) Hexachloroethane	14.341	117	63181	21.755	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	181977	21.704	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22210	17.535	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67822	13.842	ug/l	95
94) Hexachlorobutadiene	15.506	225	36594	17.988	ug/l	96
95) Naphthalene	15.647	128	206157	12.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	73612	15.344	ug/l	95

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ClientSampleId :
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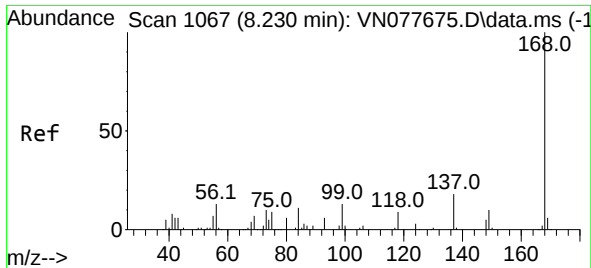
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

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Quant Title : SW846 8260
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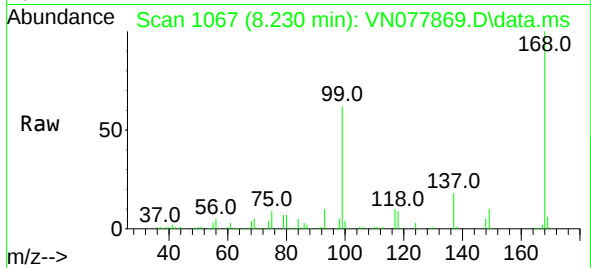
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

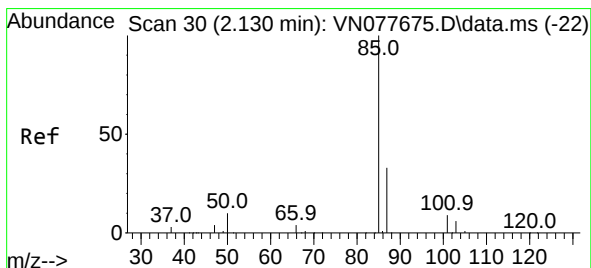
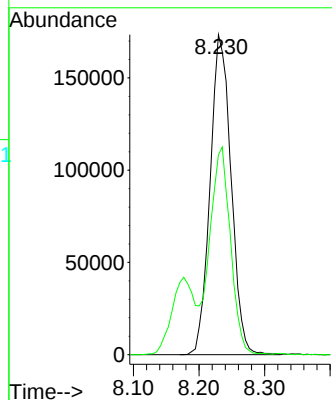
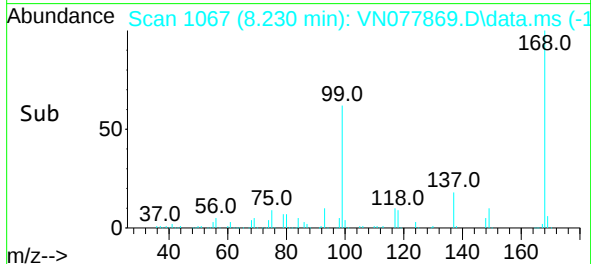
Instrument :
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ClientSampleId :
VN0524MBS02



Tgt Ion:168 Resp: 38528
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6

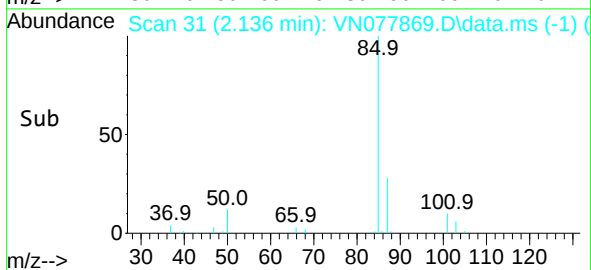
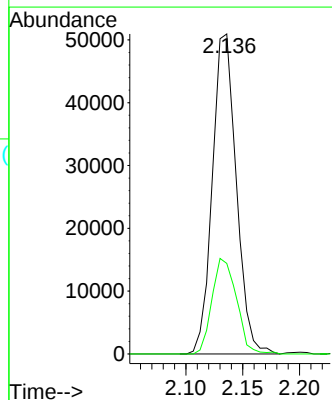
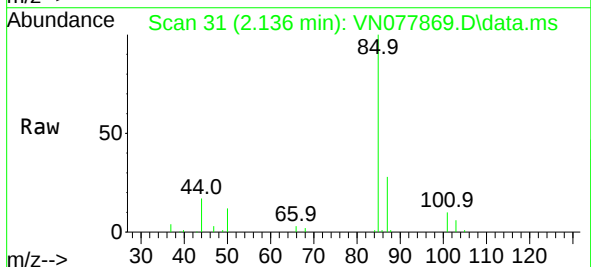
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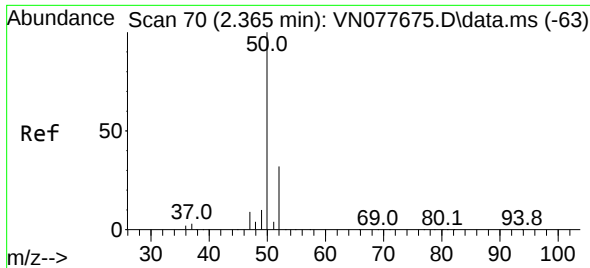
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 17.054 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

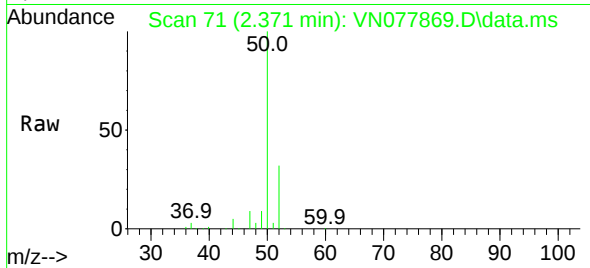
Tgt Ion: 85 Resp: 74778
Ion Ratio Lower Upper
85 100
87 28.3 15.8 47.4





#3
Chloromethane
Concen: 17.346 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

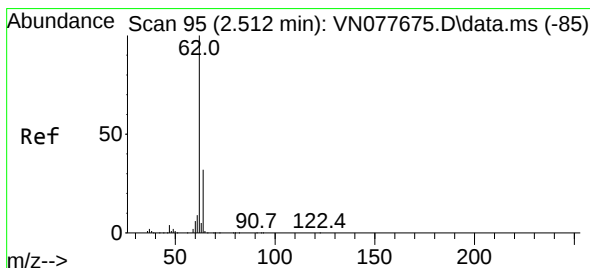
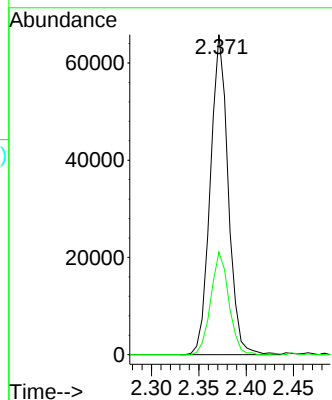
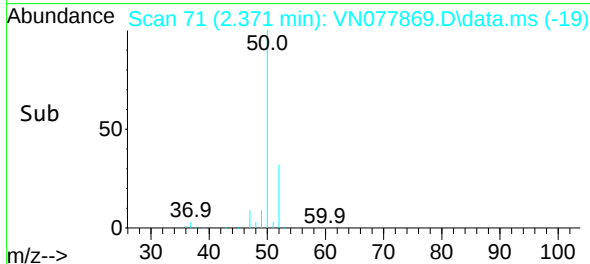
Instrument :
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ClientSampleId :
VN0524MBS02



Tgt Ion: 50 Resp: 8608
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

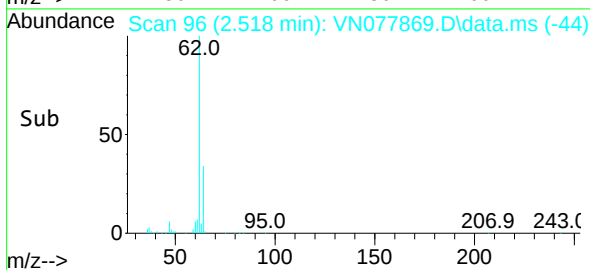
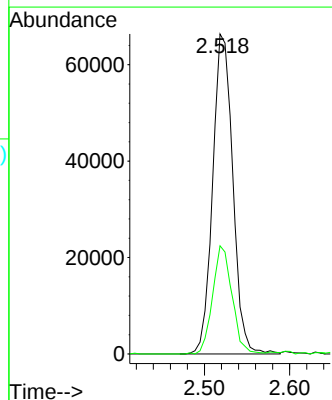
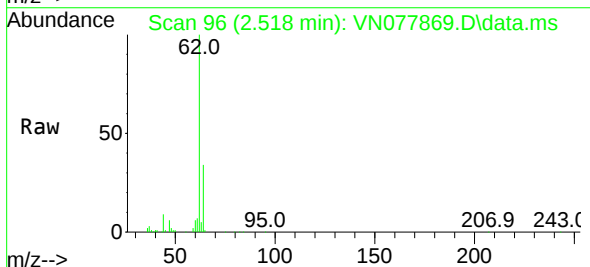
Manual Integrations
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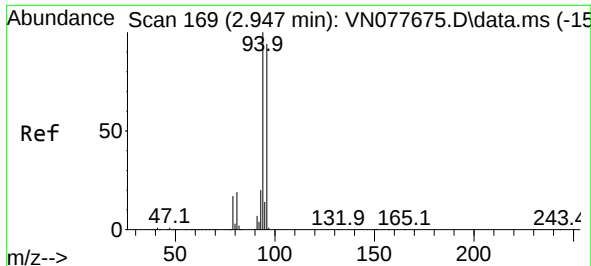
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 19.690 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

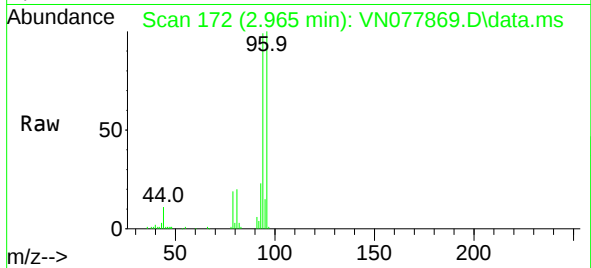
Tgt Ion: 62 Resp: 108850
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2





#5
Bromomethane
Concen: 20.119 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

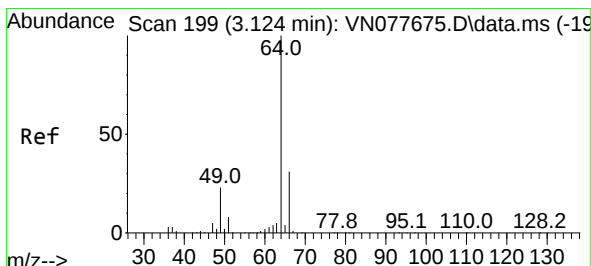
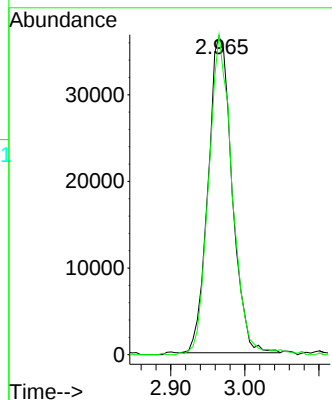
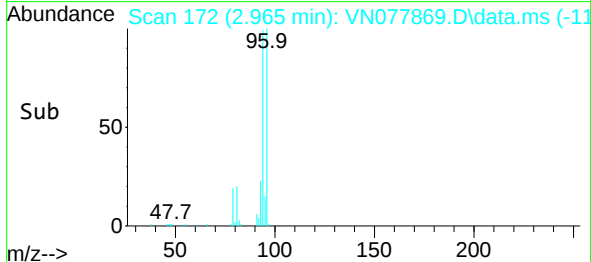
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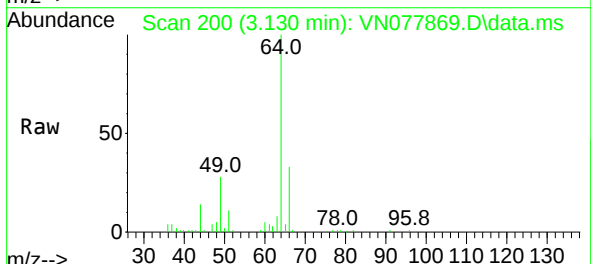
Tgt Ion: 94 Resp: 82260
Ion Ratio Lower Upper
94 100
96 100.4 73.1 109.7

Manual Integrations
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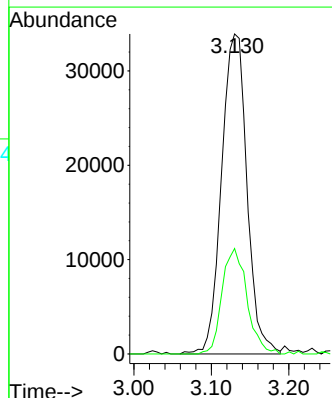
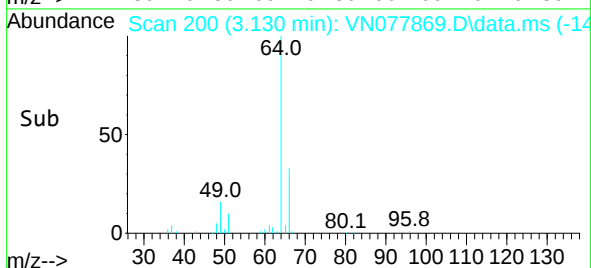
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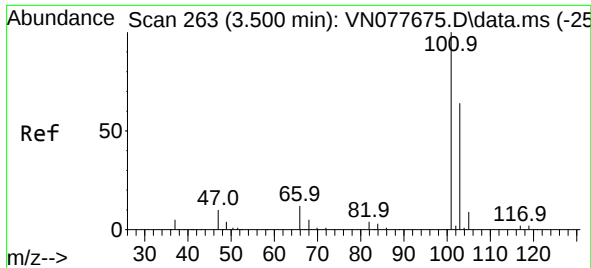


#6
Chloroethane
Concen: 19.438 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077869.D
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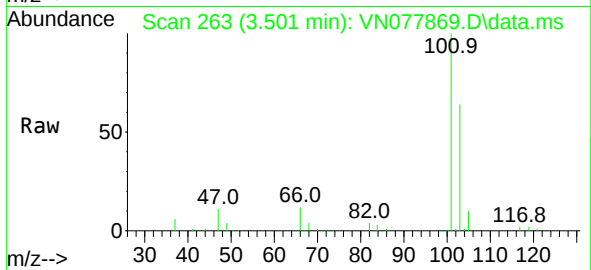
Tgt Ion: 64 Resp: 77441
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.877 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

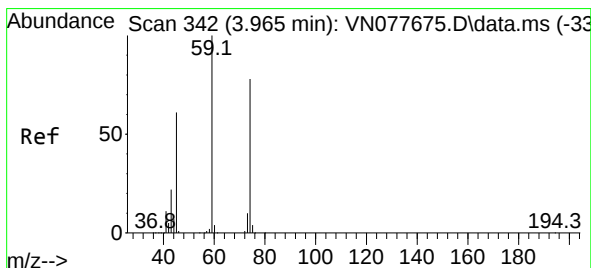
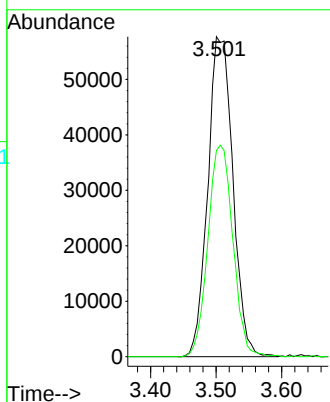
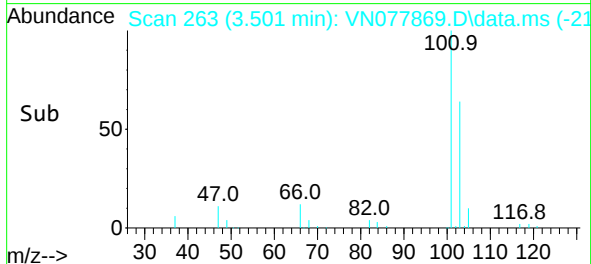
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:101 Resp: 153140
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

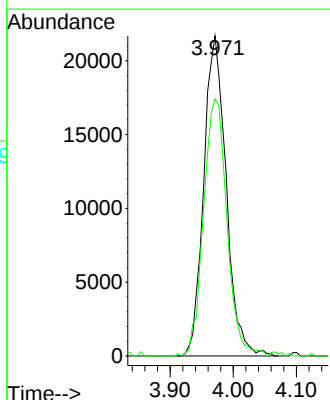
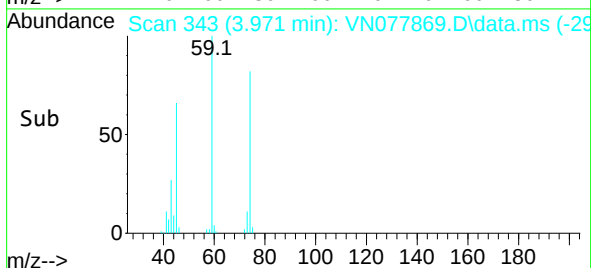
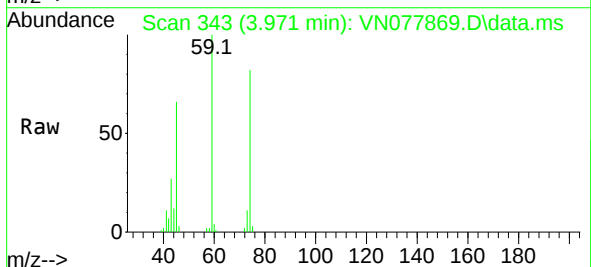
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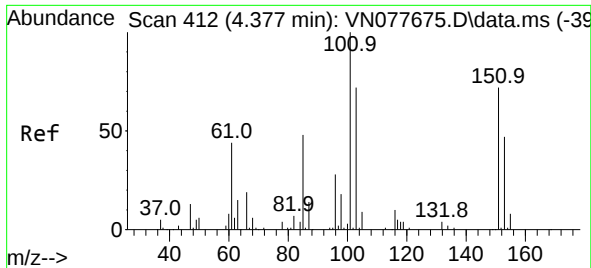
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 18.989 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077869.D
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Tgt Ion: 74 Resp: 53409
Ion Ratio Lower Upper
74 100
45 84.1 34.4 103.3





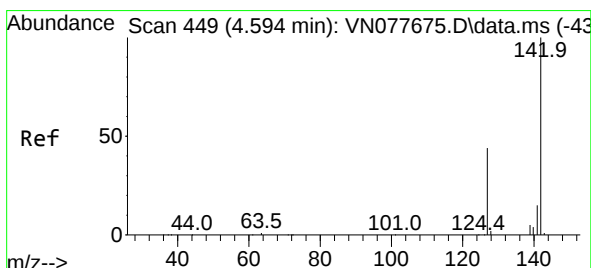
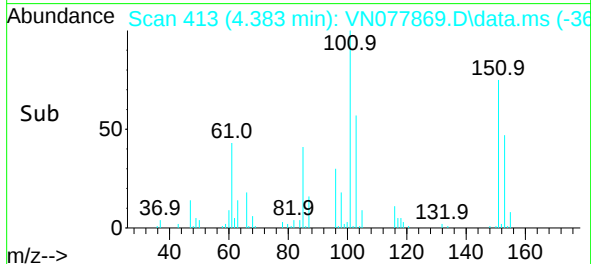
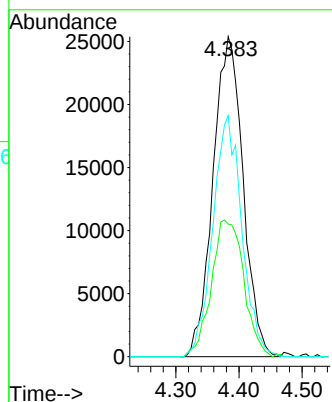
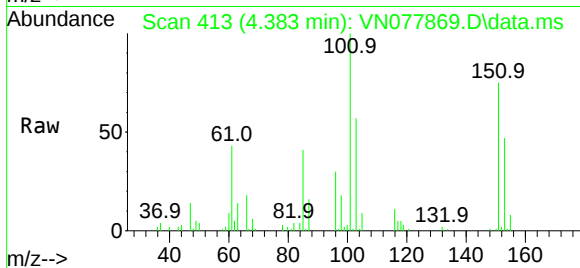
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.688 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:101 Resp: 8394
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 72.6 57.6 86.4

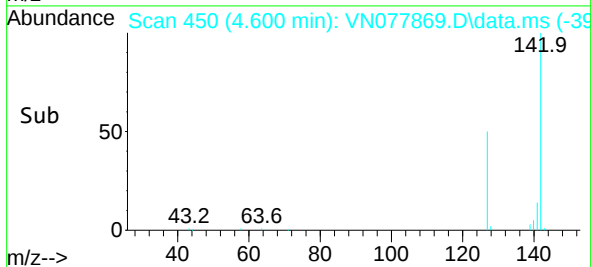
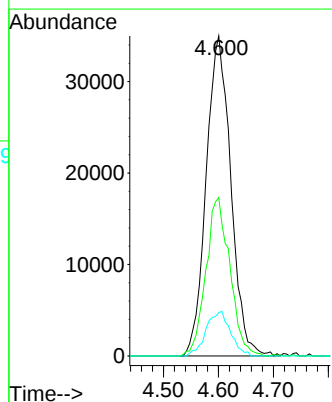
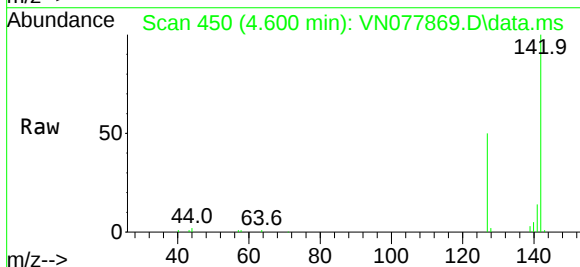
Manual Integrations
APPROVED

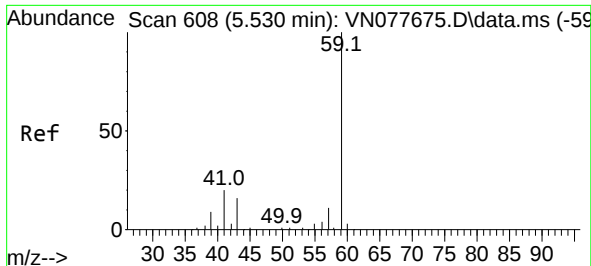
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 21.430 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

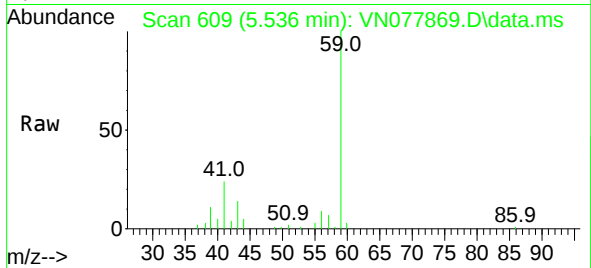
Tgt Ion:142 Resp: 108968
Ion Ratio Lower Upper
142 100
127 49.5 37.6 56.4
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 85.548 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

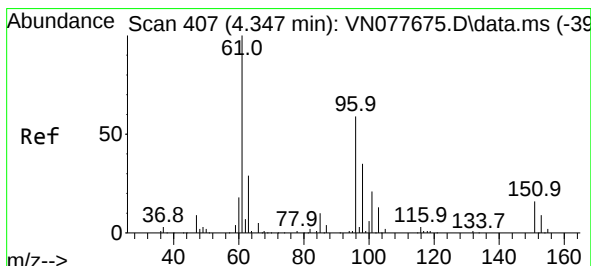
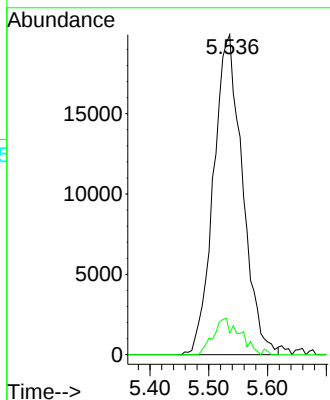
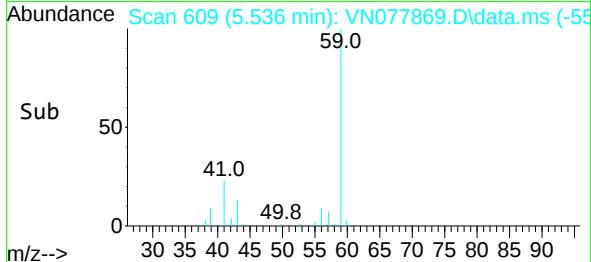
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



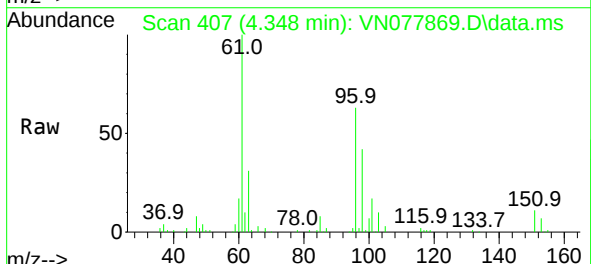
Tgt Ion: 59 Resp: 68062
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

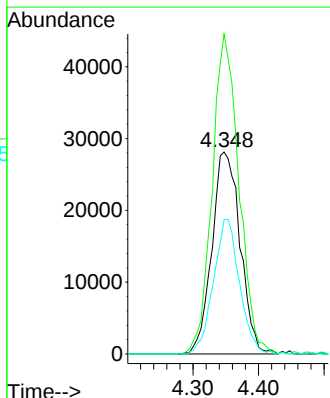
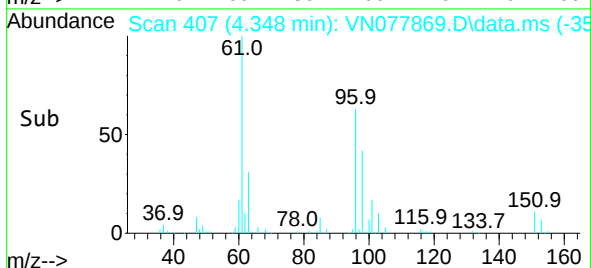
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

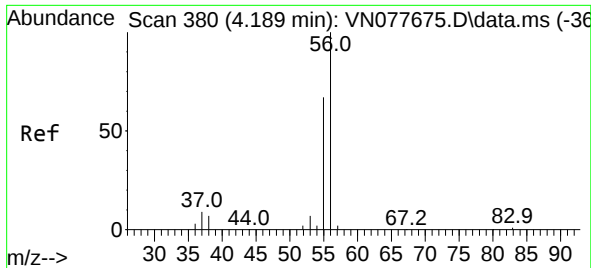


#12
1,1-Dichloroethene
Concen: 20.758 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



Tgt Ion: 96 Resp: 84118
Ion Ratio Lower Upper
96 100
61 158.5 112.7 169.1
98 66.6 51.2 76.8





#13

Acrolein

Concen: 52.245 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 56 Resp: 37108

Ion Ratio Lower Upper

56 100

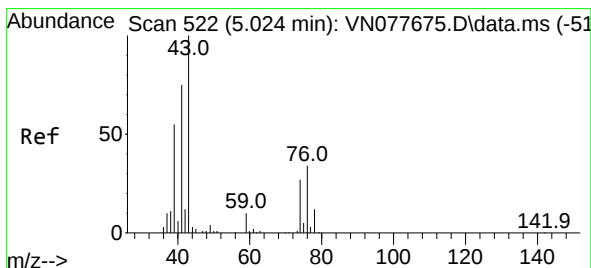
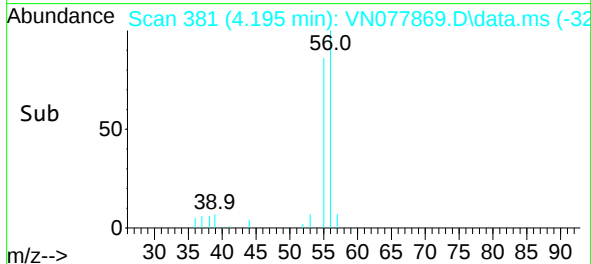
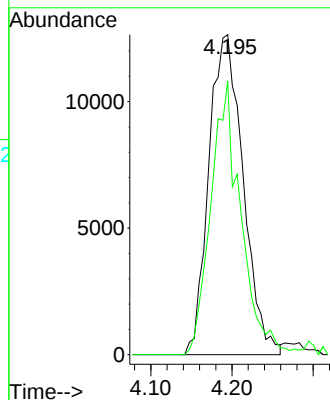
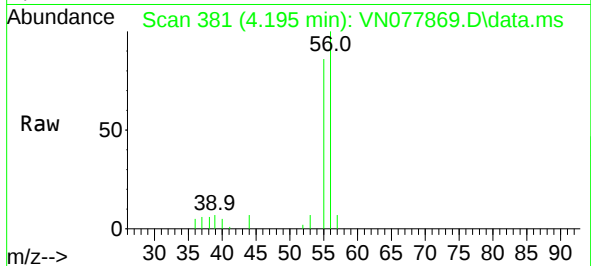
55 74.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#14

Allyl chloride

Concen: 17.506 ug/l

RT: 5.042 min Scan# 525

Delta R.T. 0.018 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

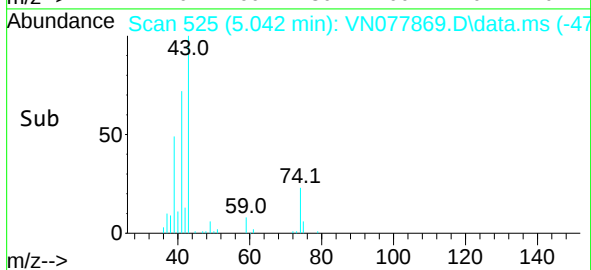
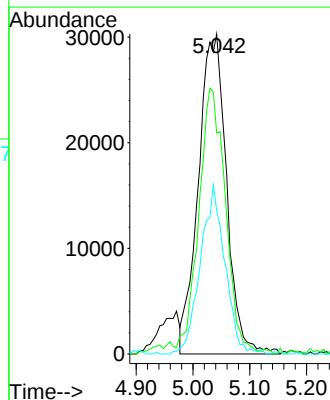
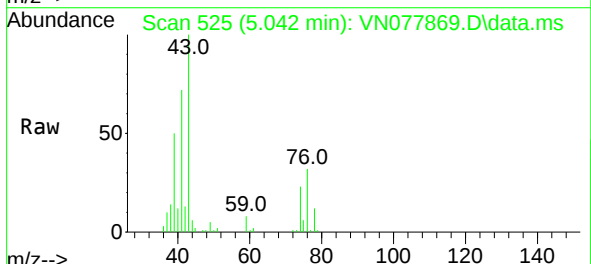
Tgt Ion: 41 Resp: 104211

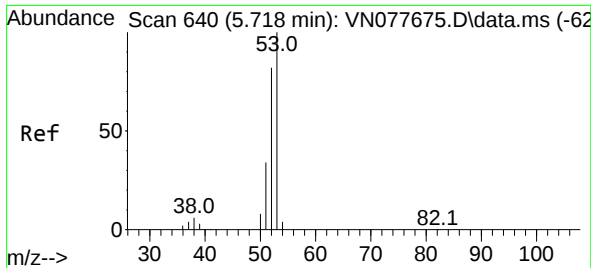
Ion Ratio Lower Upper

41 100

39 76.9 58.8 88.2

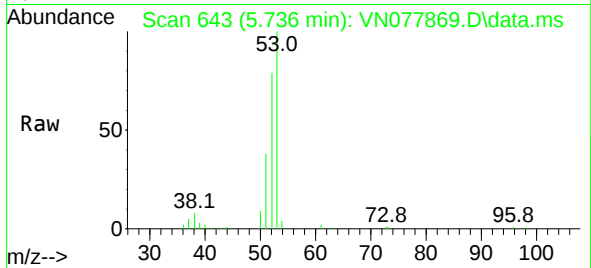
76 46.0 39.1 58.7





#15
Acrylonitrile
Concen: 93.105 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

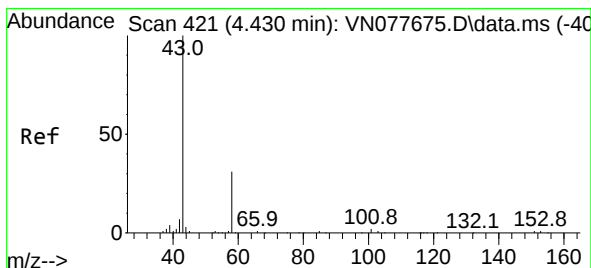
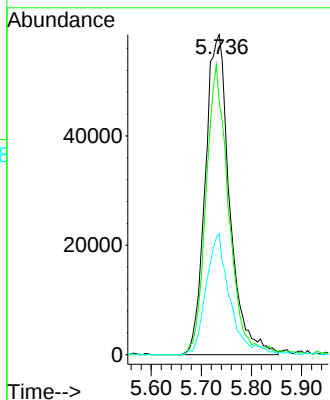
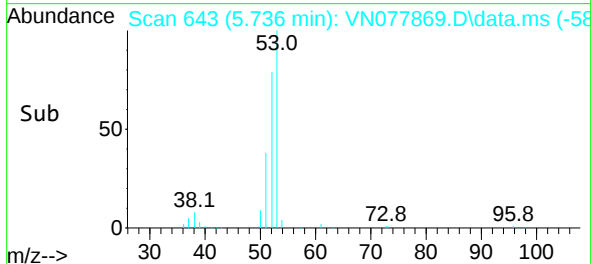
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 53 Resp: 197898
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 35.2 28.9 43.3

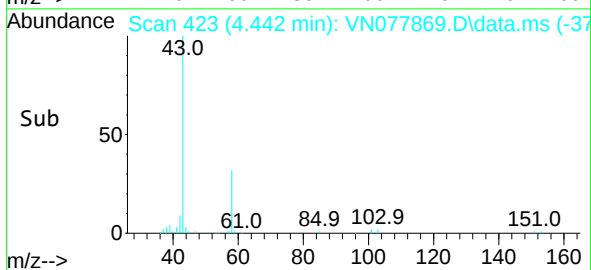
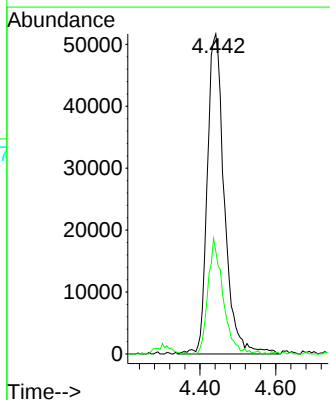
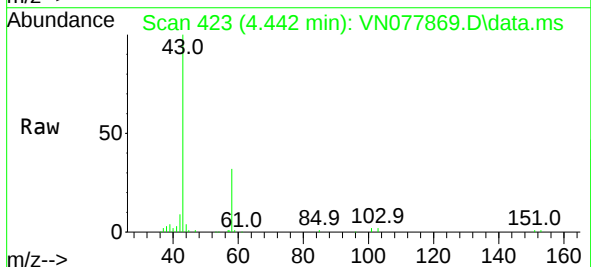
Manual Integrations
APPROVED

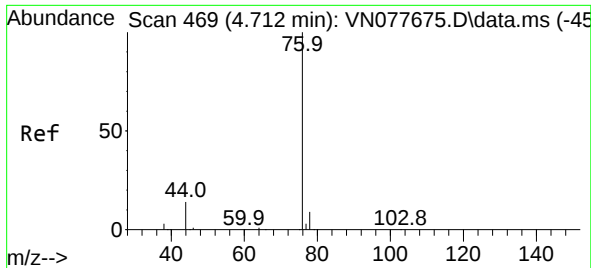
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 88.886 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion: 43 Resp: 161212
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





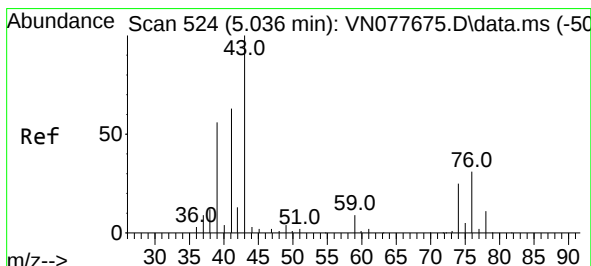
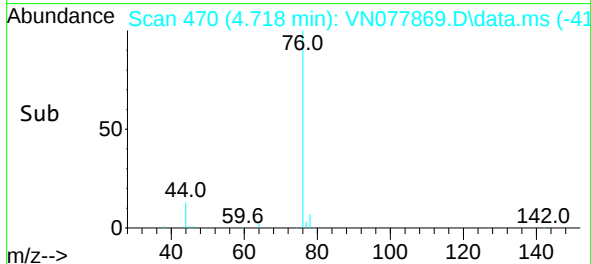
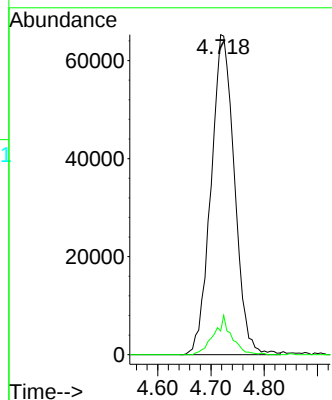
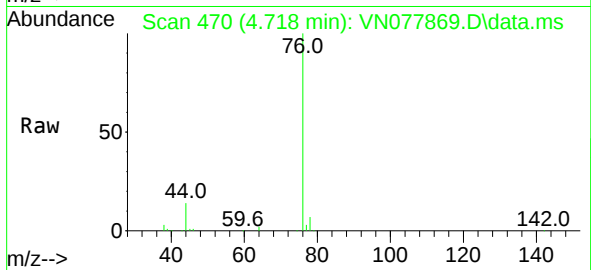
#17
Carbon Disulfide
Concen: 18.276 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 76 Resp: 19955
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0

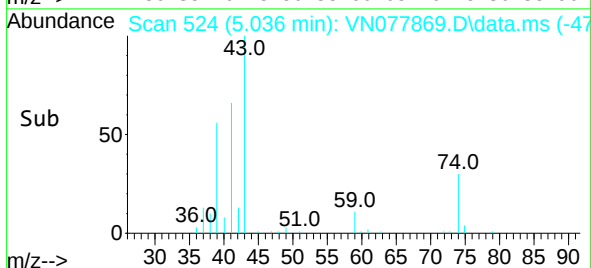
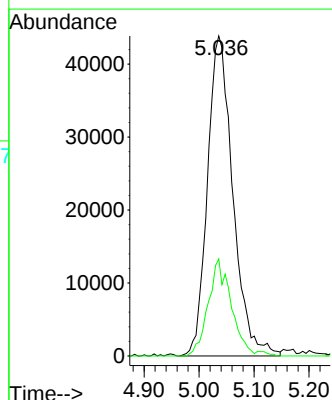
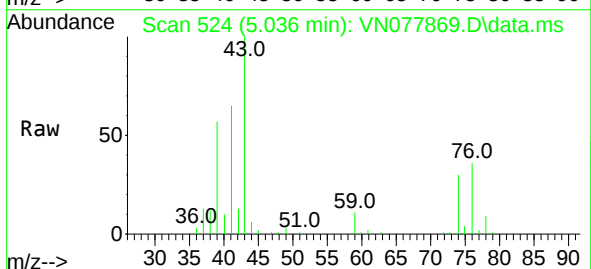
Manual Integrations
APPROVED

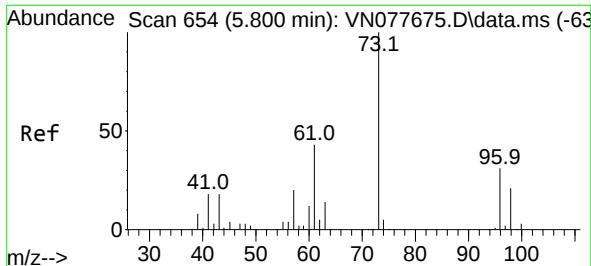
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 18.521 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion: 43 Resp: 140921
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





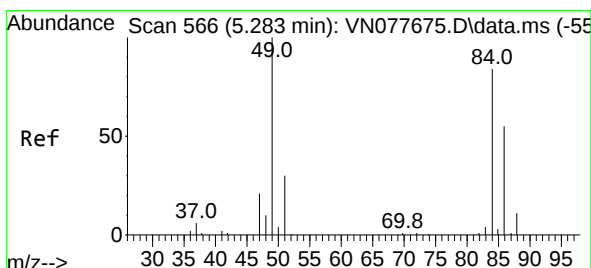
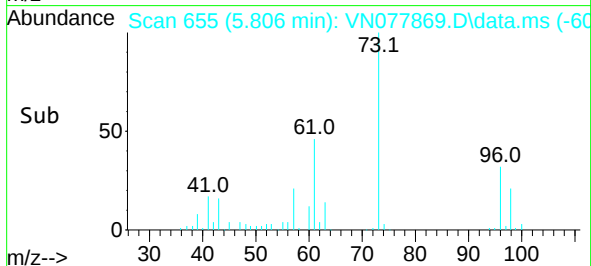
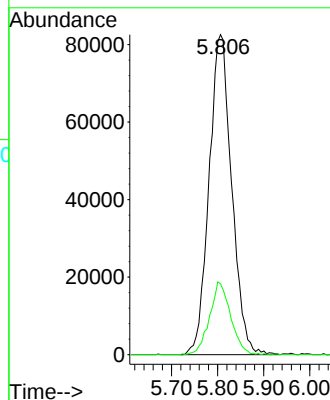
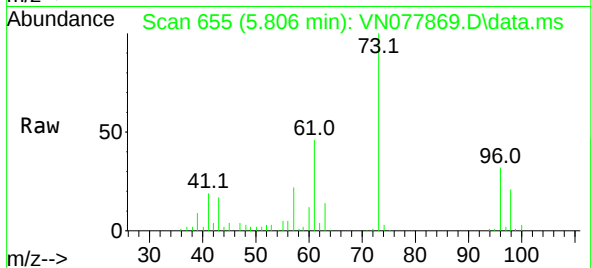
#19
Methyl tert-butyl Ether
Concen: 19.202 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 73 Resp: 28164
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4

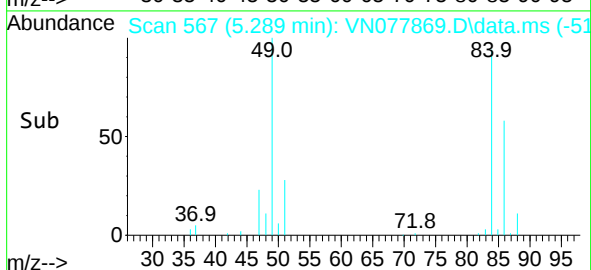
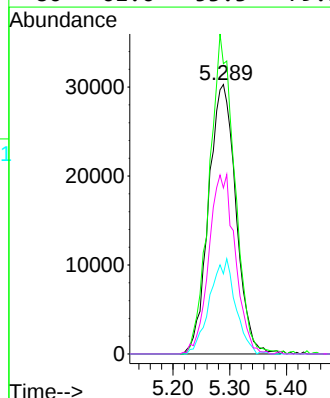
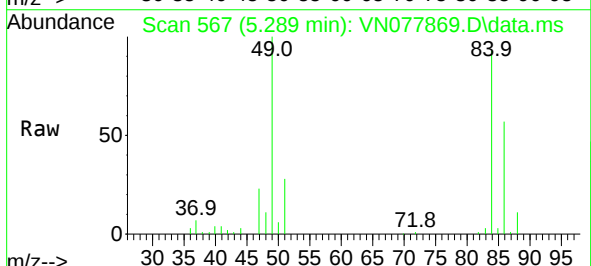
Manual Integrations
APPROVED

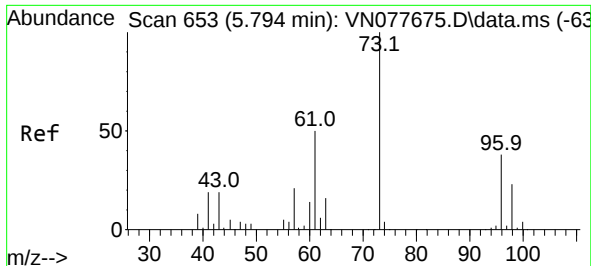
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 20.213 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

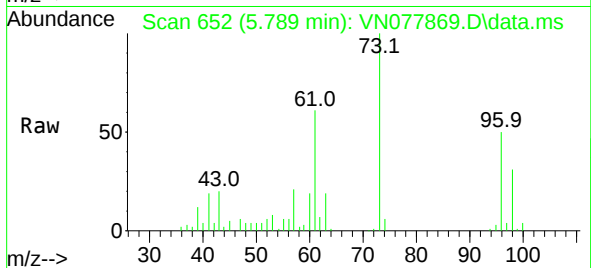
Tgt Ion: 84 Resp: 100974
Ion Ratio Lower Upper
84 100
49 107.7 79.7 119.5
51 29.7 25.2 37.8
86 61.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.454 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

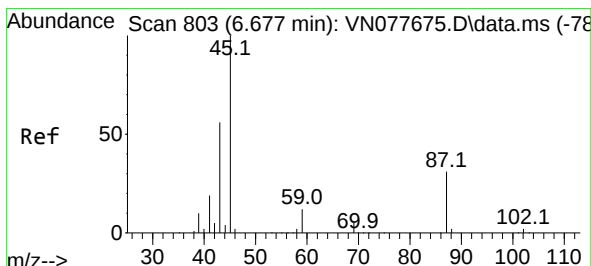
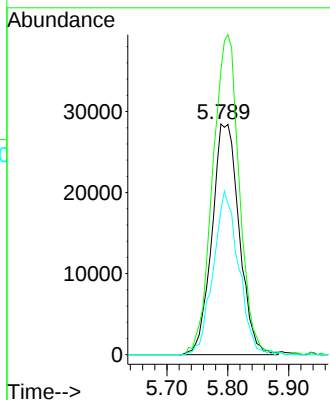
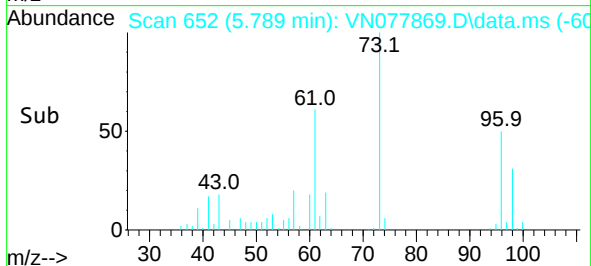
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



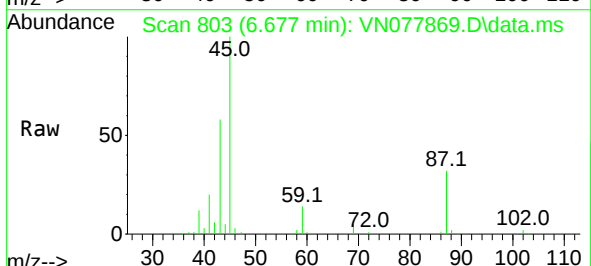
Tgt Ion: 96 Resp: 88554
Ion Ratio Lower Upper
96 100
61 123.1 90.1 135.1
98 62.9 46.4 69.6

Manual Integrations
APPROVED

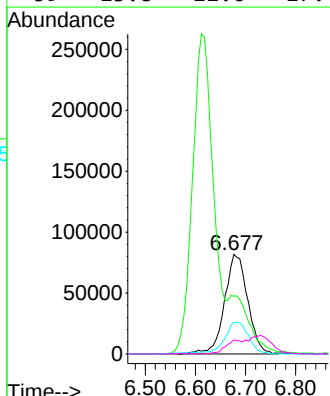
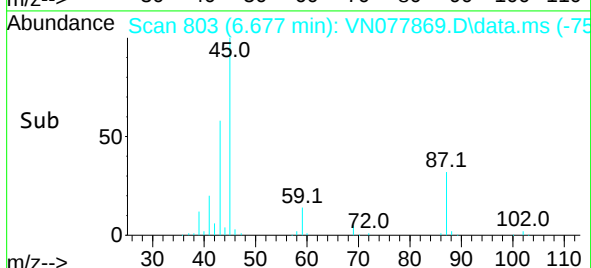
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

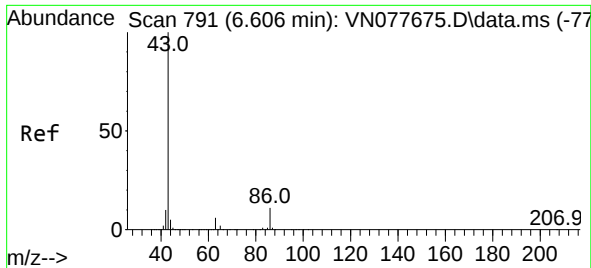


#22
Diisopropyl ether
Concen: 18.807 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



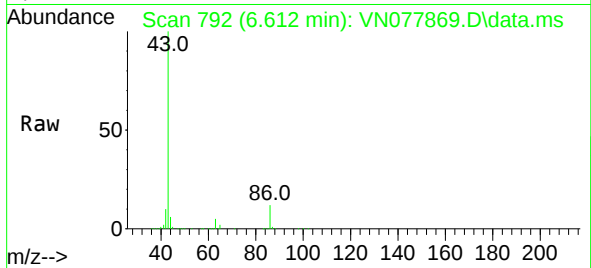
Tgt Ion: 45 Resp: 262420
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 31.3 31.8 47.8#
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.039 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12

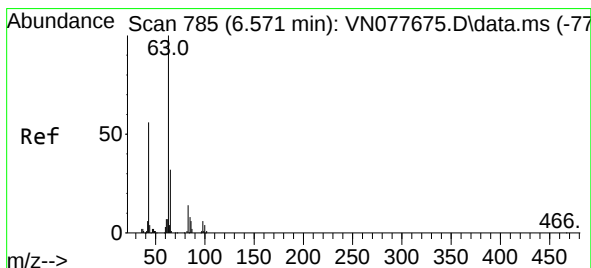
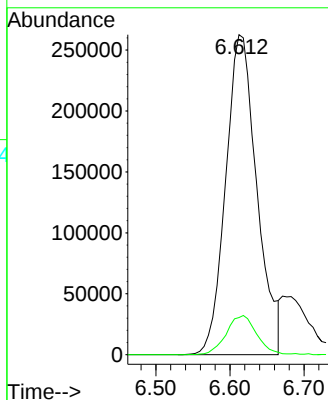
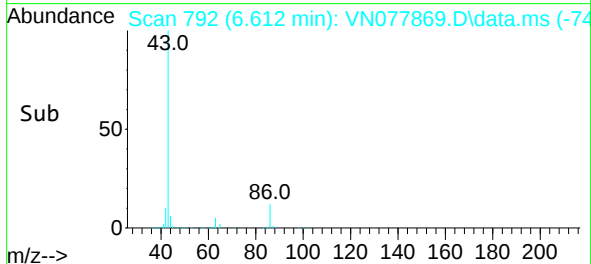
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02



Tgt Ion: 43 Resp: 769774
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

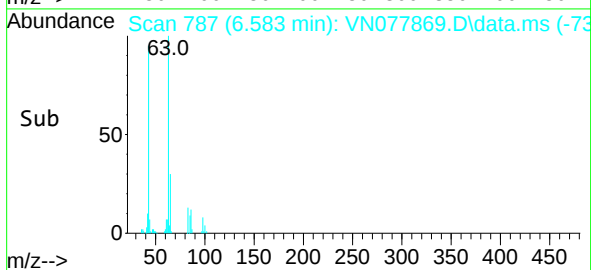
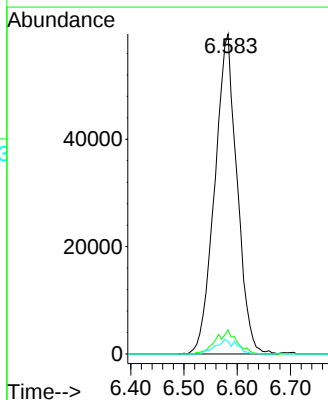
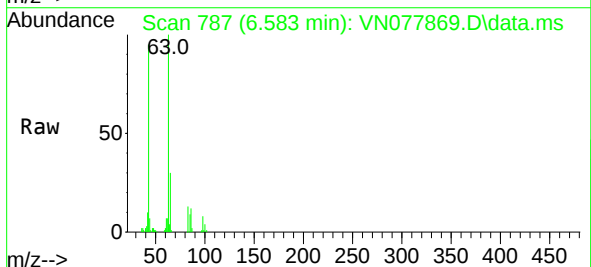
Manual Integrations
 APPROVED

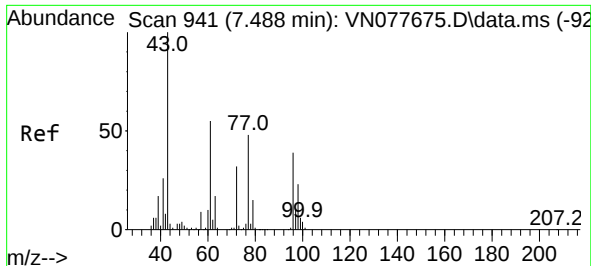
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 20.309 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12

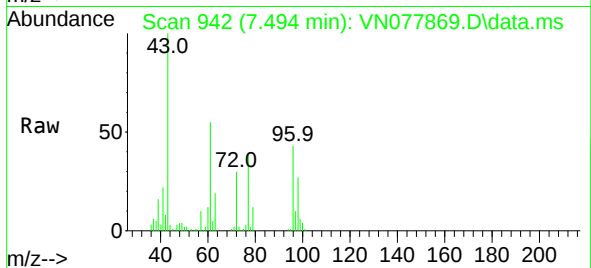
Tgt Ion: 63 Resp: 173615
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 87.077 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

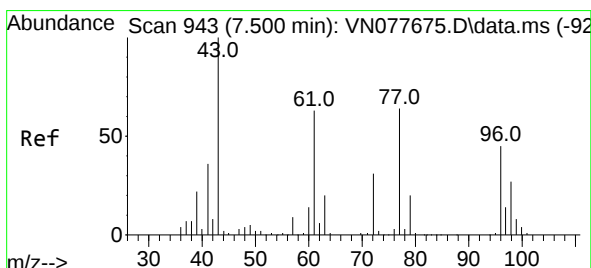
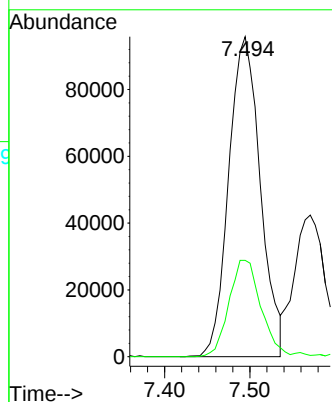
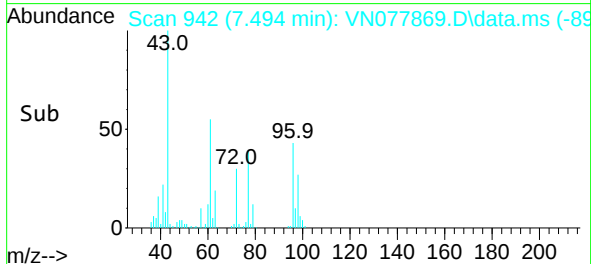
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 43 Resp: 247052
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

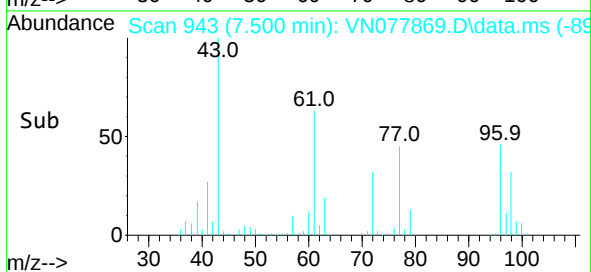
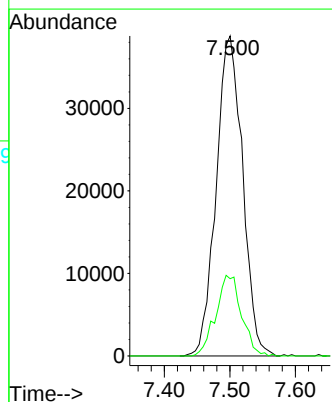
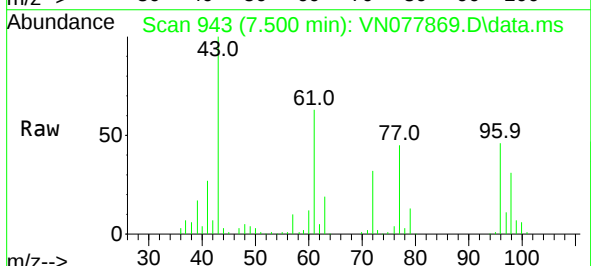
Manual Integrations
APPROVED

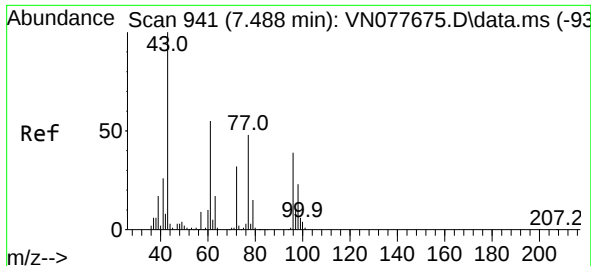
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 14.919 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

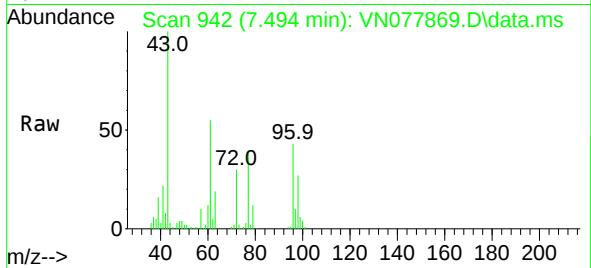
Tgt Ion: 77 Resp: 108348
Ion Ratio Lower Upper
77 100
97 24.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.346 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12

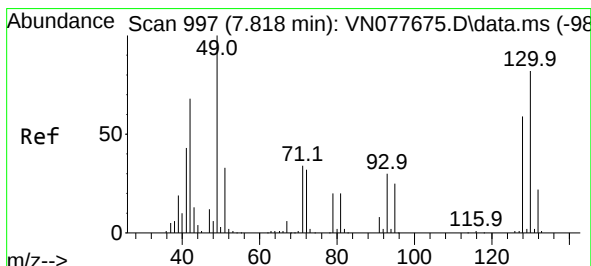
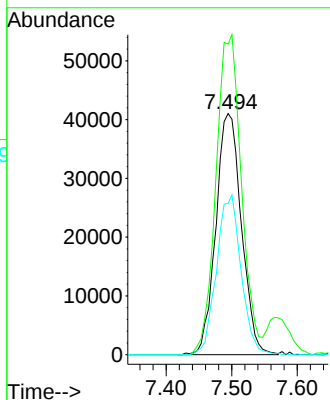
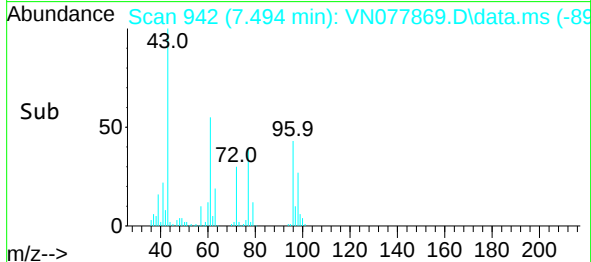
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02



Tgt Ion: 96 Resp: 111050
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 255.2
 98 63.6 0.0 128.8

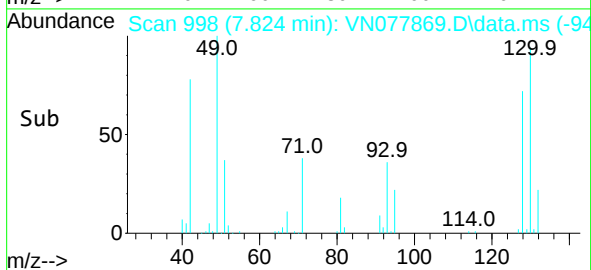
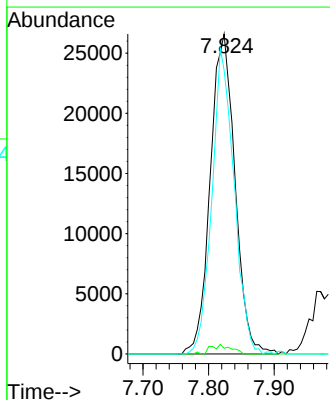
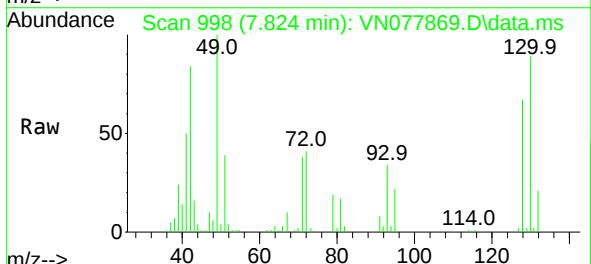
Manual Integrations
 APPROVED

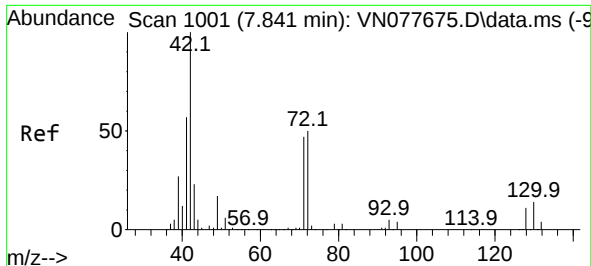
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 18.816 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12

Tgt Ion: 49 Resp: 69563
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 85.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 89.346 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 42 Resp: 16598

Ion Ratio Lower Upper

42 100

72 51.0 49.8 74.6

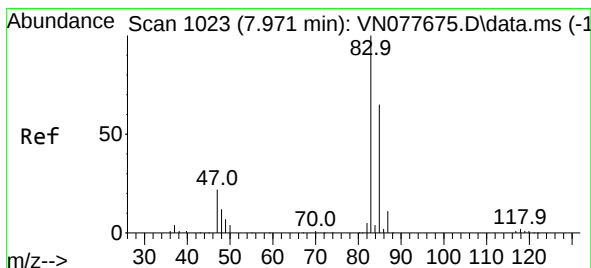
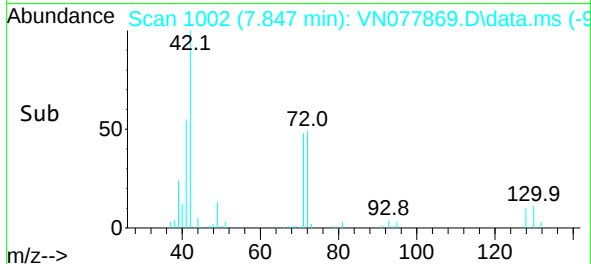
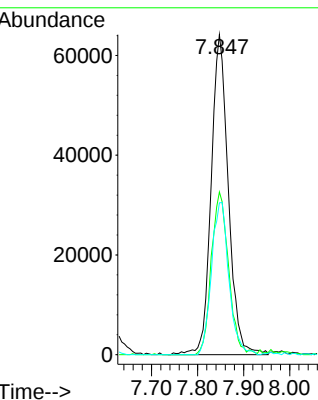
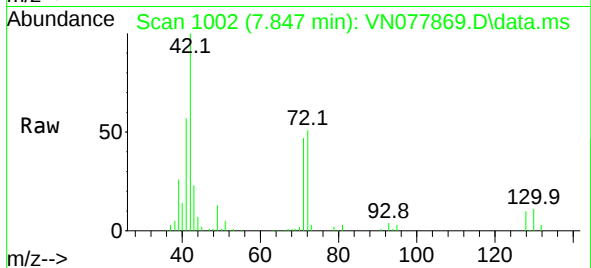
71 48.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 19.810 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077869.D

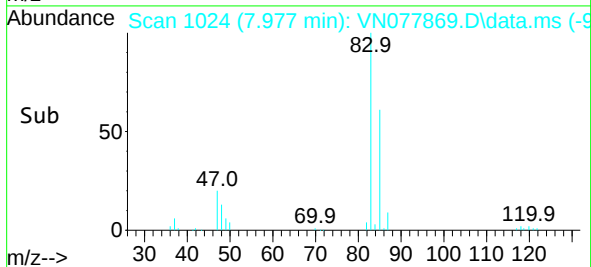
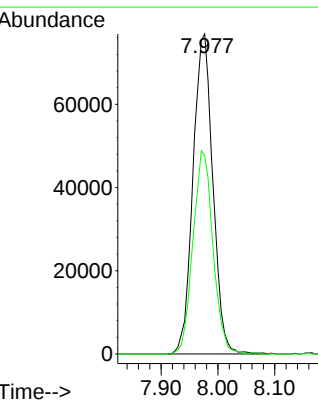
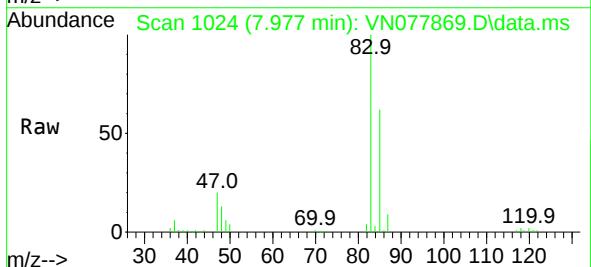
Acq: 25 May 2023 00:12

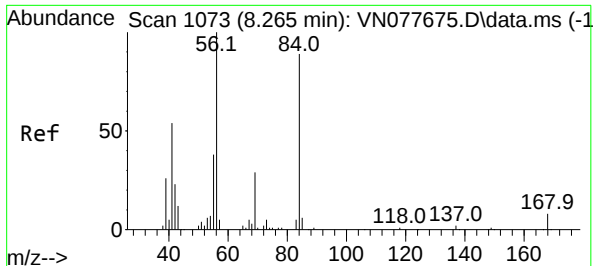
Tgt Ion: 83 Resp: 186287

Ion Ratio Lower Upper

83 100

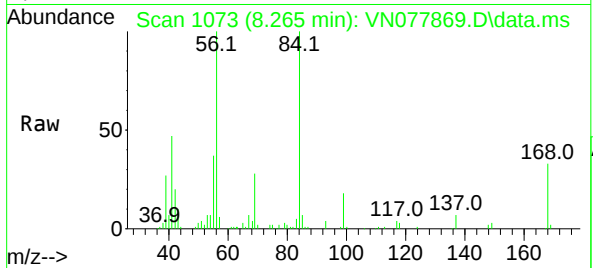
85 62.0 55.4 83.0





#31
Cyclohexane
Concen: 18.802 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

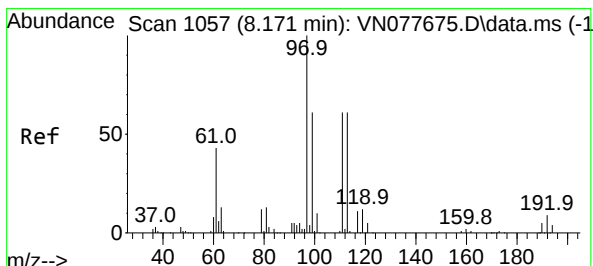
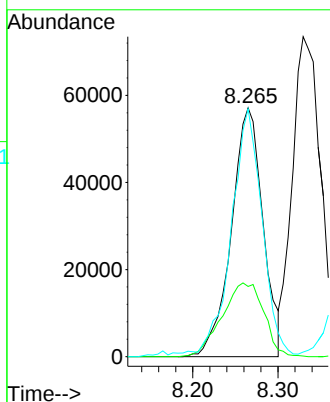
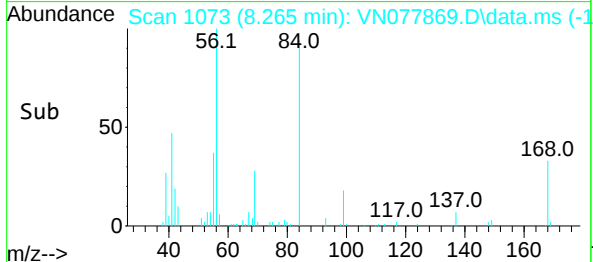
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



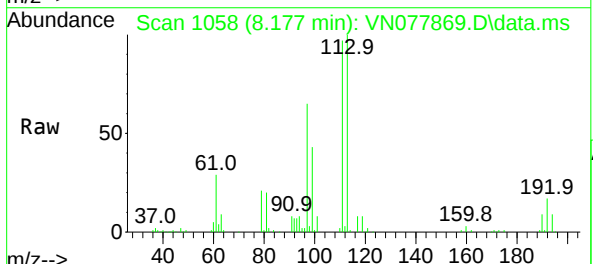
Tgt Ion: 56 Resp: 147314
Ion Ratio Lower Upper
56 100
69 28.2 26.8 40.2
84 98.1 81.8 122.6

Manual Integrations
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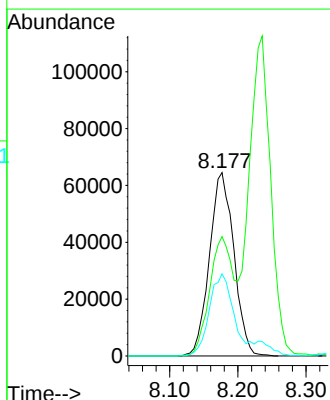
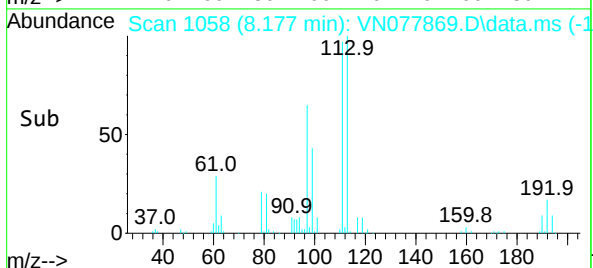
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

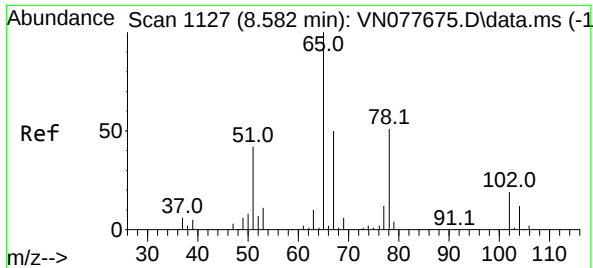


#32
1,1,1-Trichloroethane
Concen: 20.110 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



Tgt Ion: 97 Resp: 160777
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.453 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 65 Resp: 273560

Ion Ratio Lower Upper

65 100

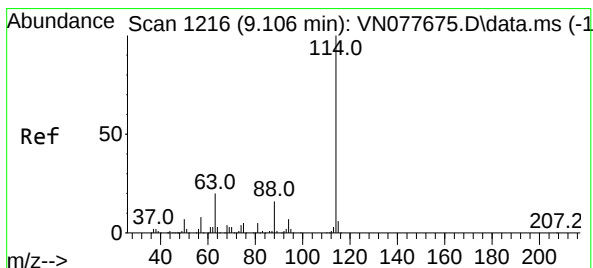
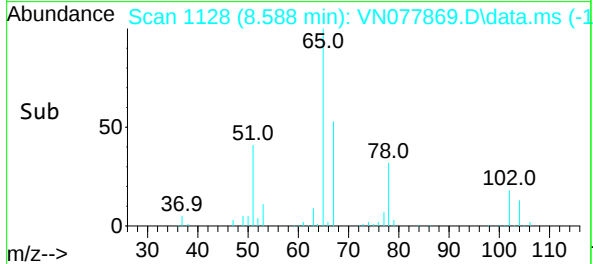
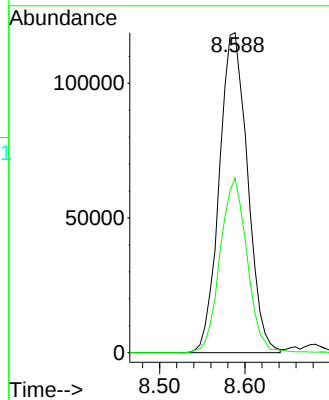
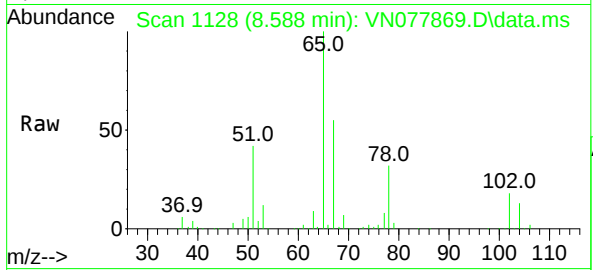
67 52.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

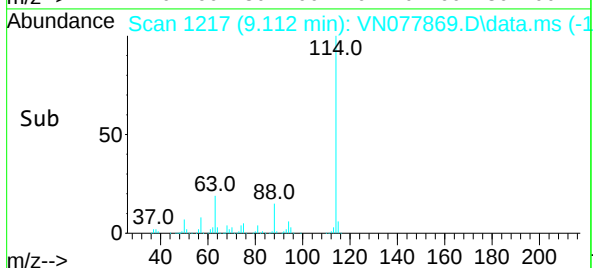
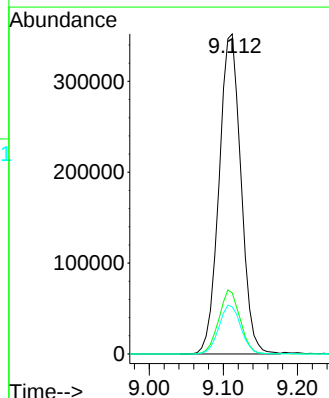
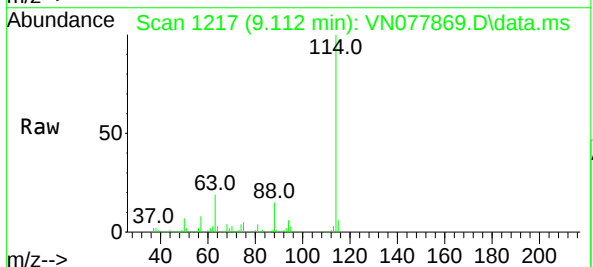
Tgt Ion:114 Resp: 722029

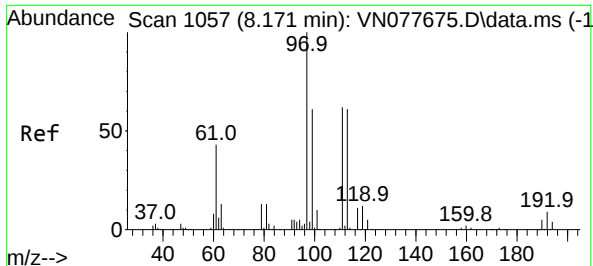
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.141 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion:113 Resp: 231369

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

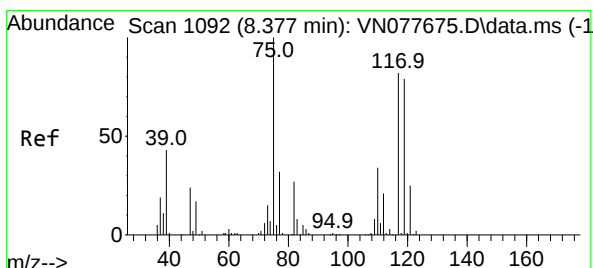
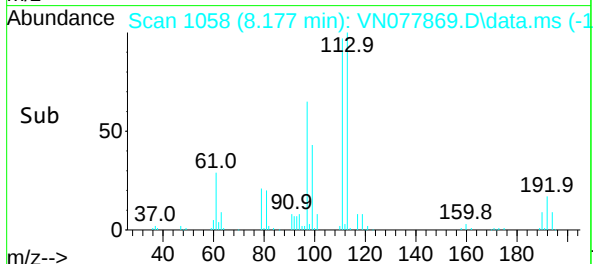
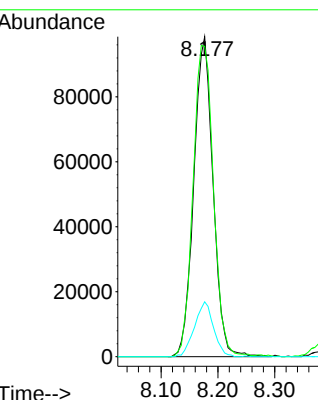
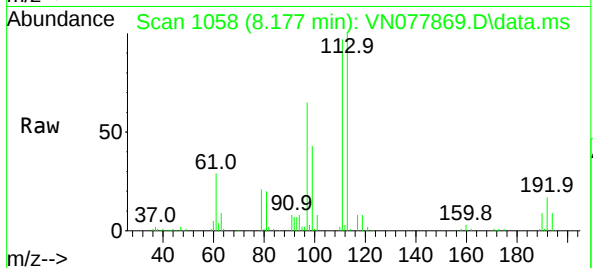
192 17.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 19.540 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

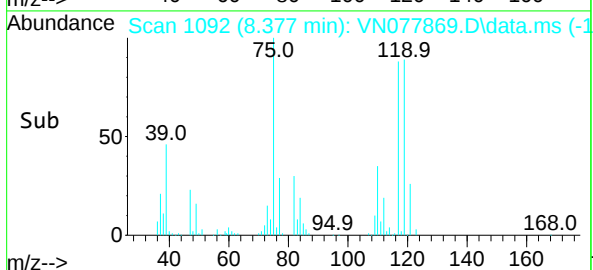
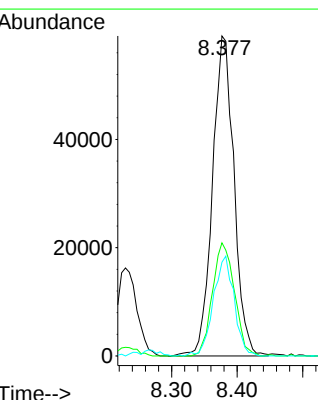
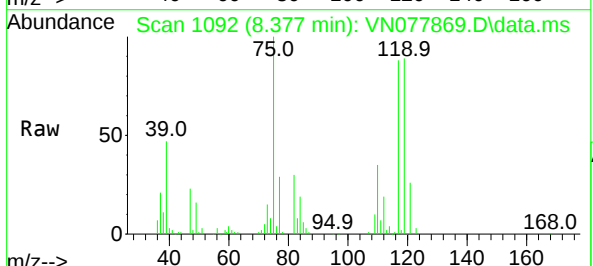
Tgt Ion: 75 Resp: 134562

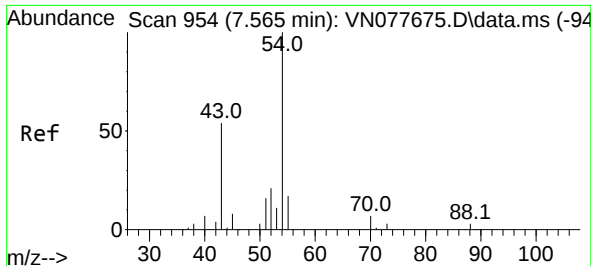
Ion Ratio Lower Upper

75 100

110 36.2 19.1 57.3

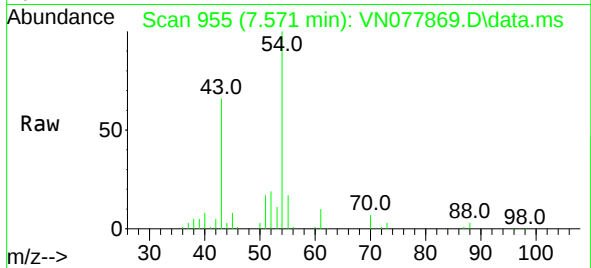
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 18.021 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

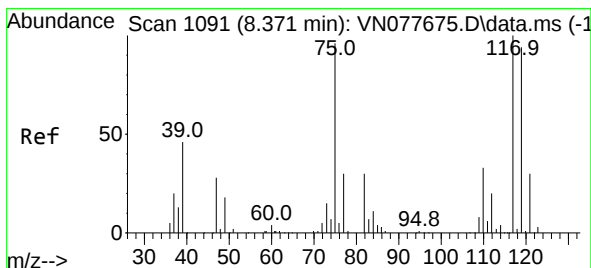
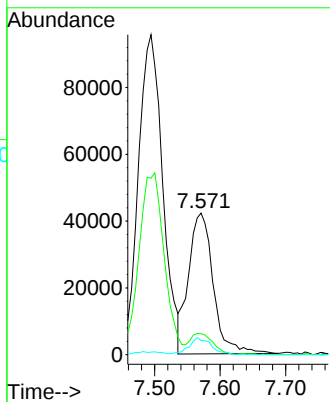
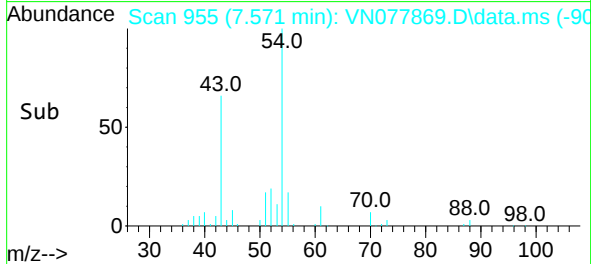
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 43 Resp: 11061
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 10.9 11.3 16.9

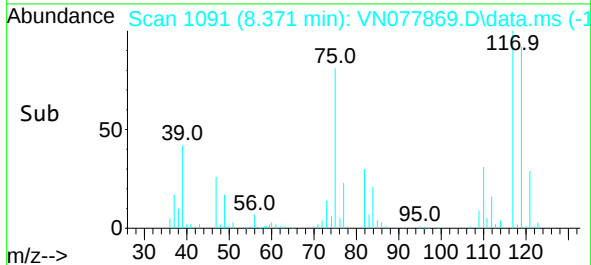
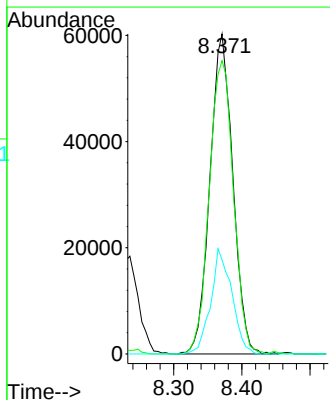
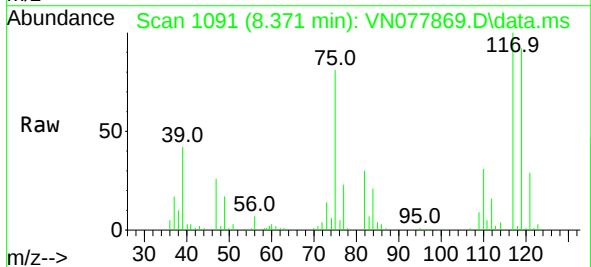
Manual Integrations
APPROVED

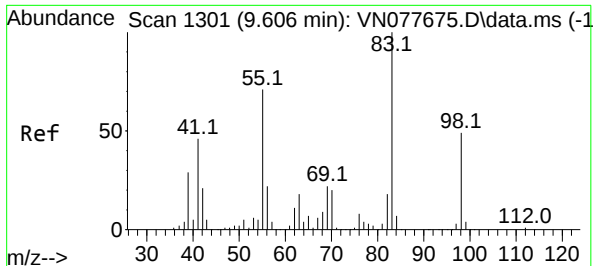
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 20.243 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion:117 Resp: 140770
Ion Ratio Lower Upper
117 100
119 91.7 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 18.802 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 83 Resp: 158519

Ion Ratio Lower Upper

83 100

55 70.4 49.1 73.7

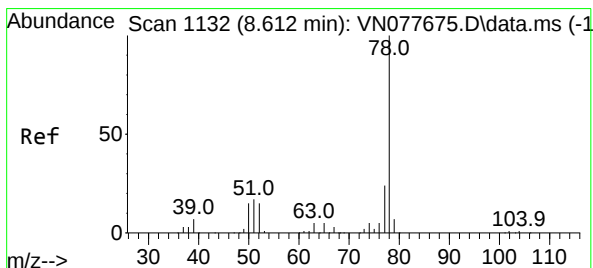
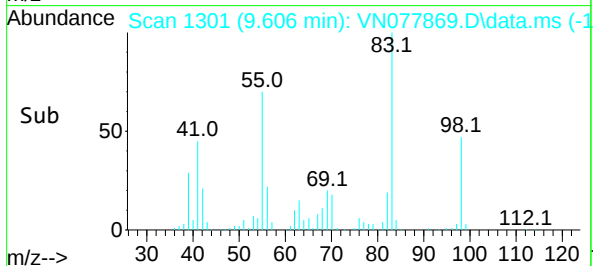
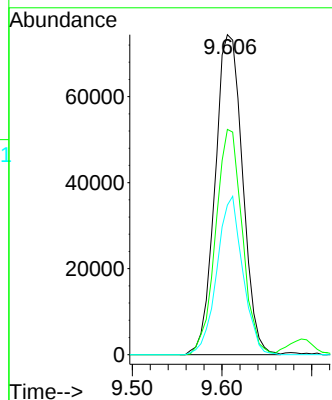
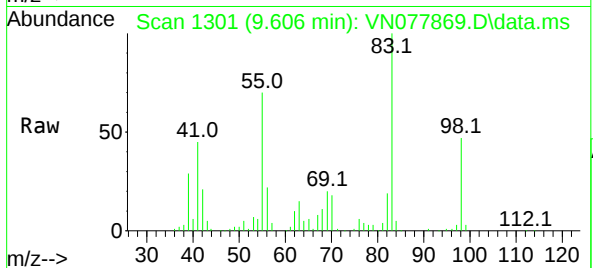
98 46.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 19.670 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077869.D

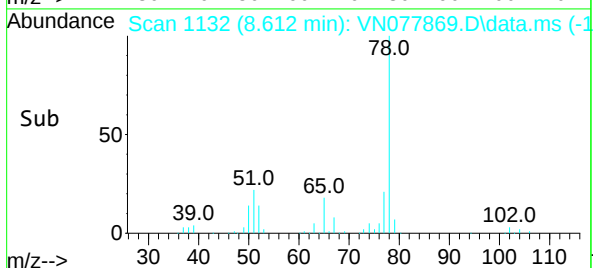
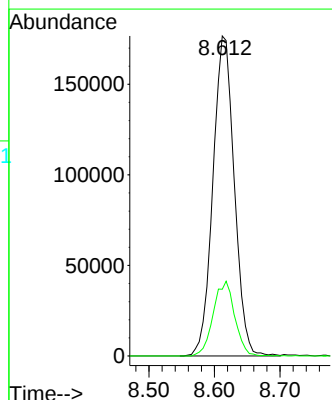
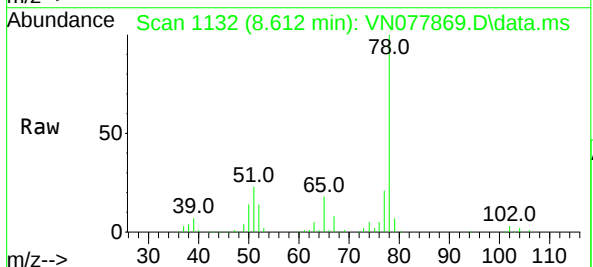
Acq: 25 May 2023 00:12

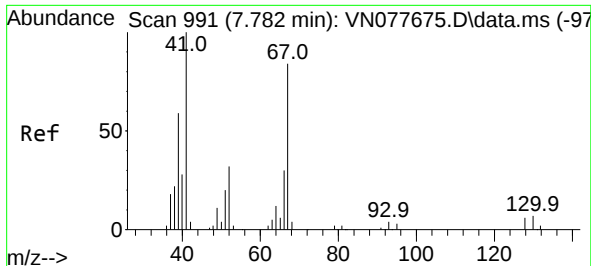
Tgt Ion: 78 Resp: 399733

Ion Ratio Lower Upper

78 100

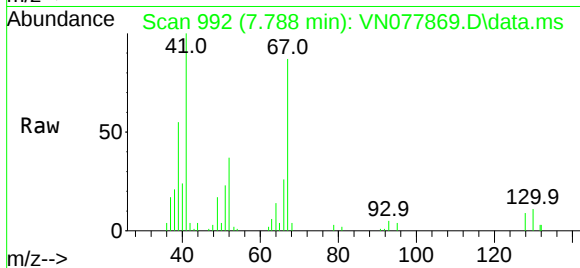
77 20.9 19.0 28.6





#41
Methacrylonitrile
Concen: 17.853 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

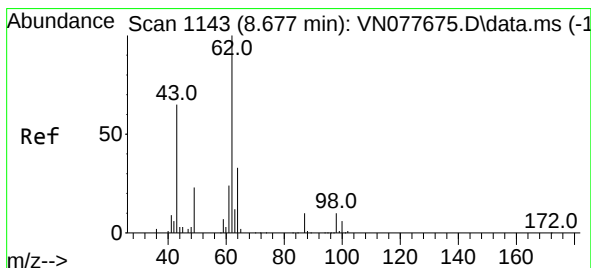
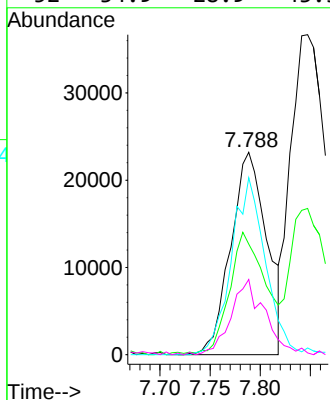
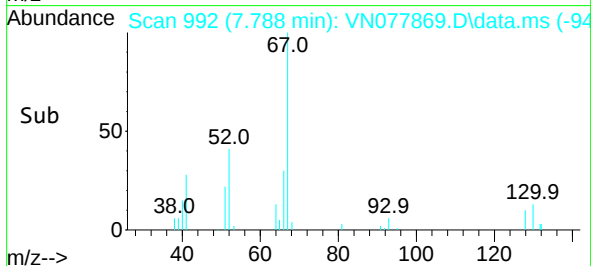
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



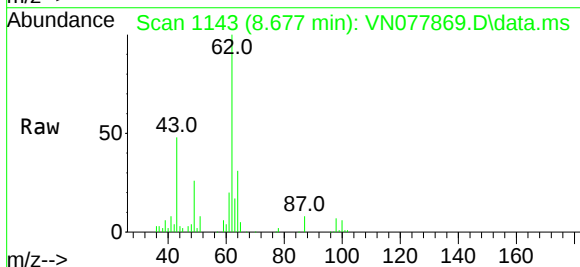
Tgt Ion: 41 Resp: 58360
Ion Ratio Lower Upper
41 100
39 58.4 42.6 64.0
67 82.0 77.5 116.3
52 34.9 28.9 43.3

Manual Integrations
APPROVED

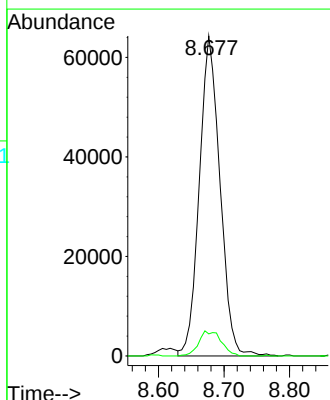
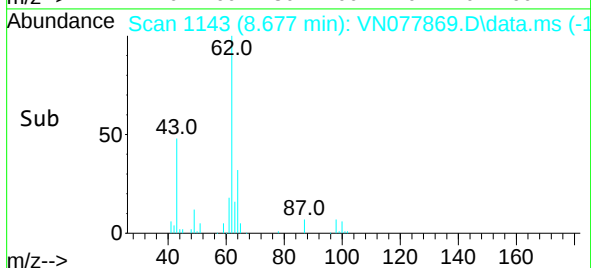
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

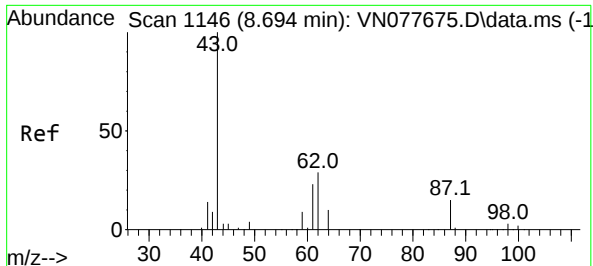


#42
1,2-Dichloroethane
Concen: 19.097 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



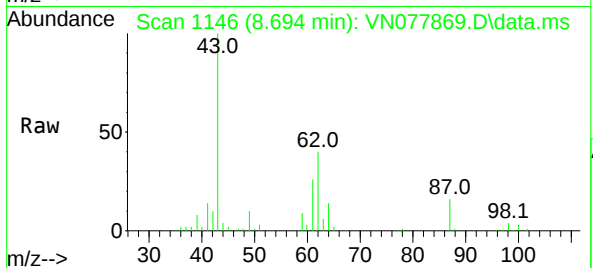
Tgt Ion: 62 Resp: 140976
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.770 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

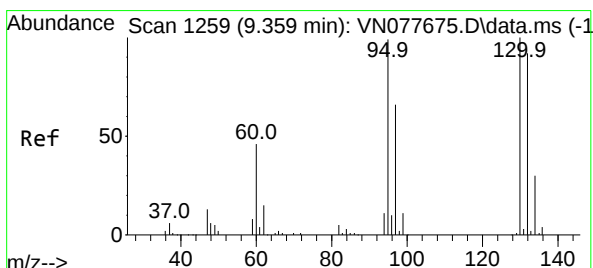
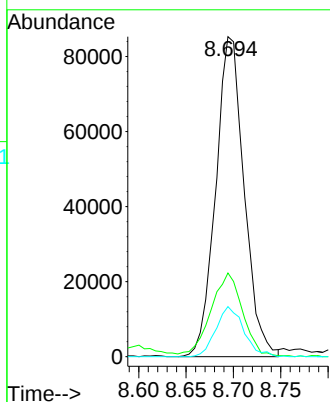
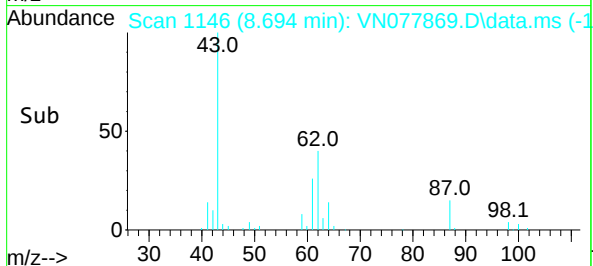
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



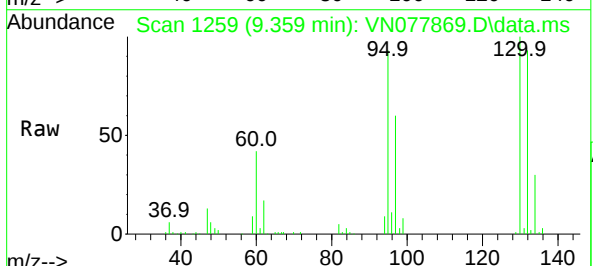
Tgt Ion: 43 Resp: 178159
Ion Ratio Lower Upper
43 100
61 29.4 24.7 37.1
87 15.4 14.6 21.8

Manual Integrations
APPROVED

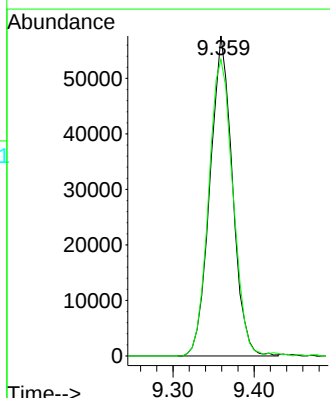
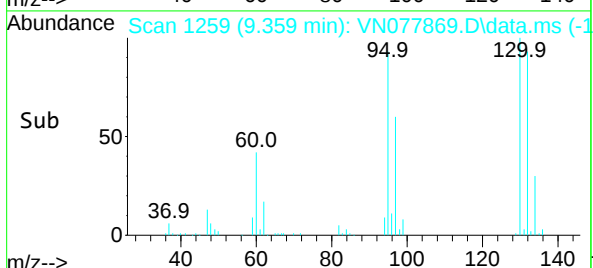
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

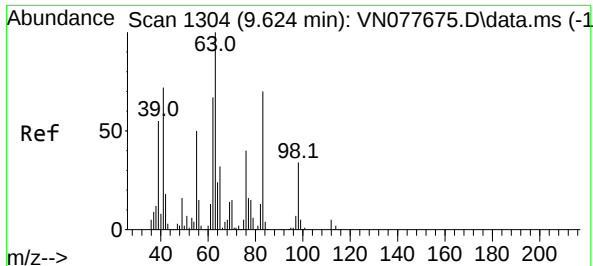


#44
Trichloroethene
Concen: 21.510 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



Tgt Ion:130 Resp: 110682
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.625 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077869.D

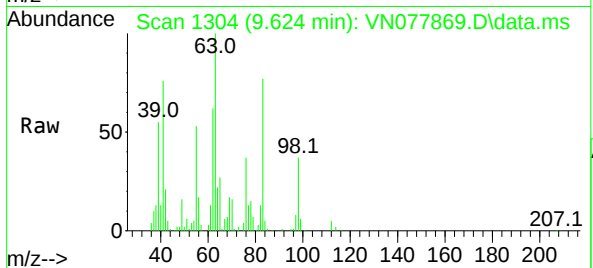
Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02



Tgt Ion: 63 Resp: 101730

Ion Ratio Lower Upper

63 100

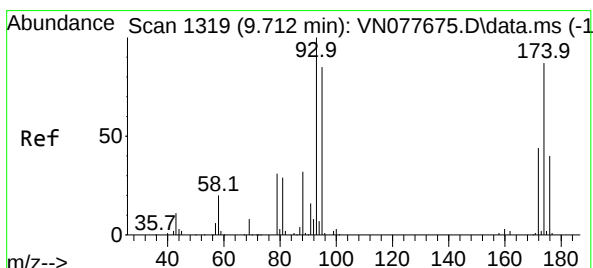
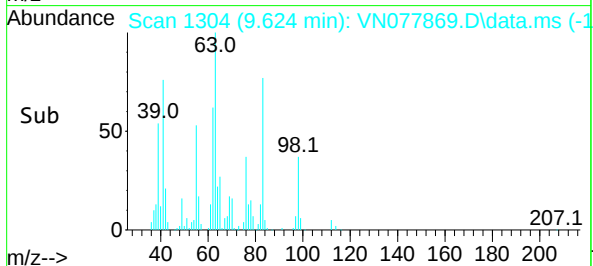
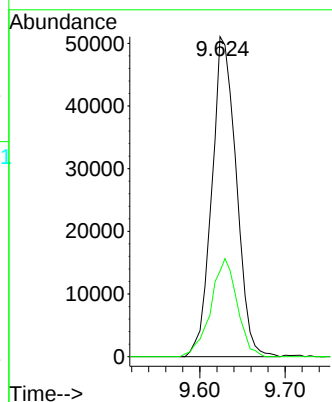
65 26.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 19.236 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

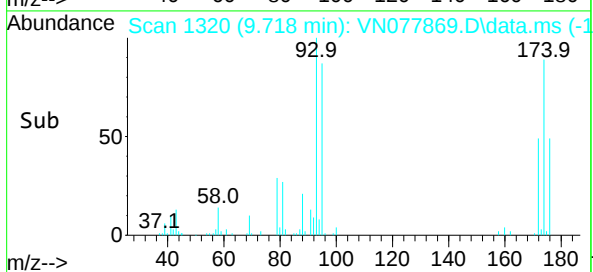
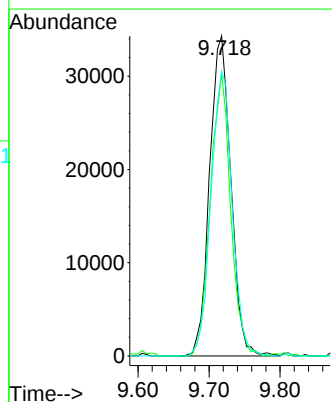
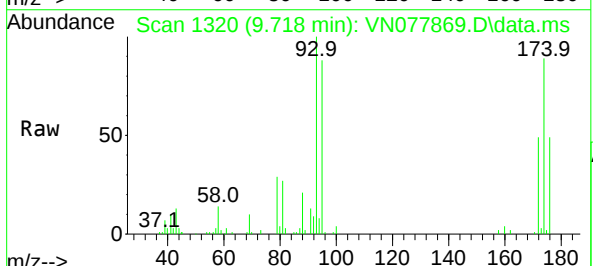
Tgt Ion: 93 Resp: 71352

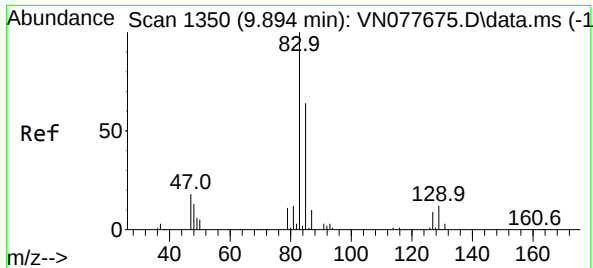
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

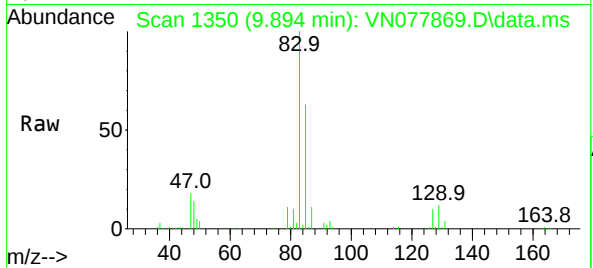
174 88.5 65.6 98.4





#47
Bromodichloromethane
Concen: 19.757 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

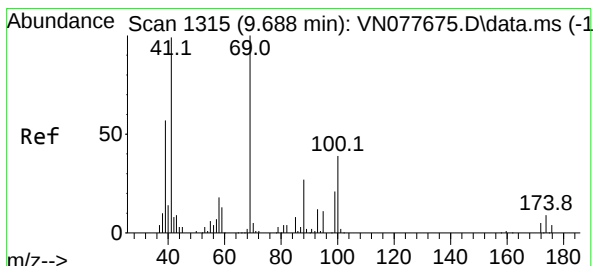
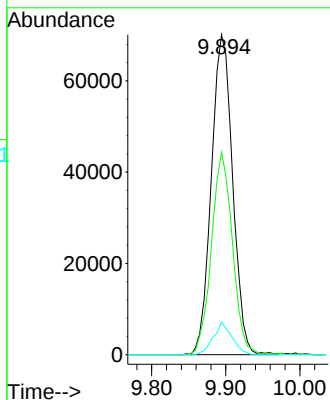
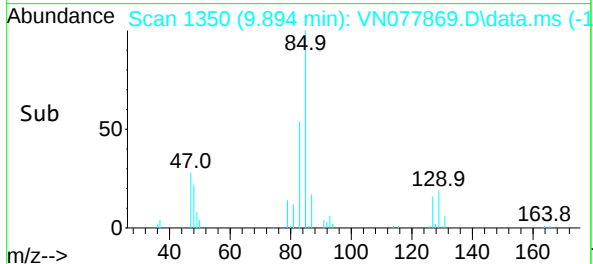
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



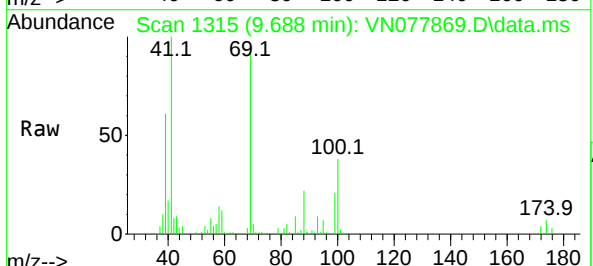
Tgt Ion: 83 Resp: 140300
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 10.2 7.0 10.6

Manual Integrations
APPROVED

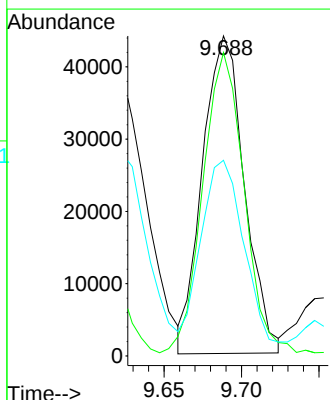
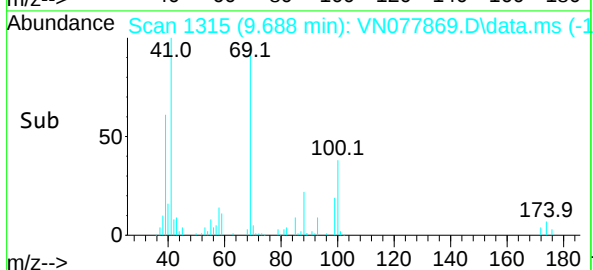
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

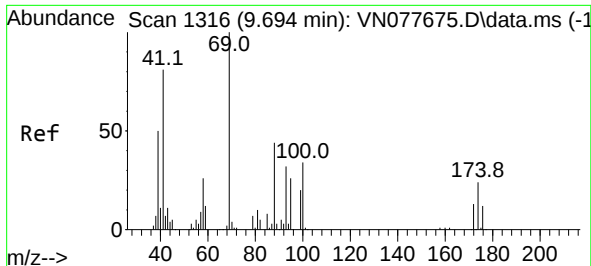


#48
Methyl methacrylate
Concen: 17.427 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



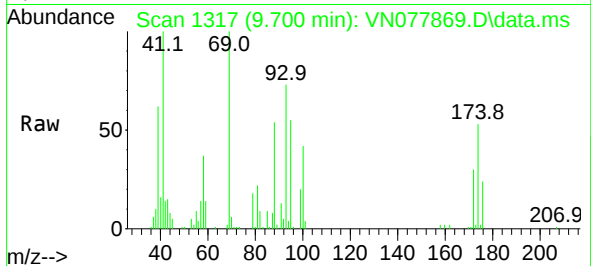
Tgt Ion: 41 Resp: 82840
Ion Ratio Lower Upper
41 100
69 93.7 90.4 135.6
39 64.8 54.6 81.8





#49
1,4-Dioxane
Concen: 360.280 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

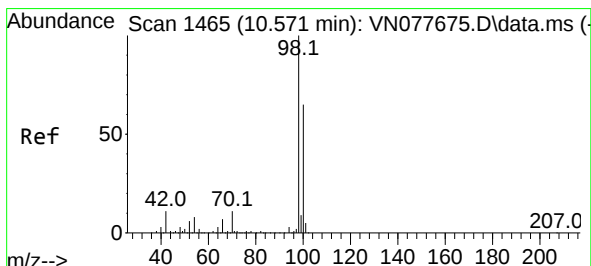
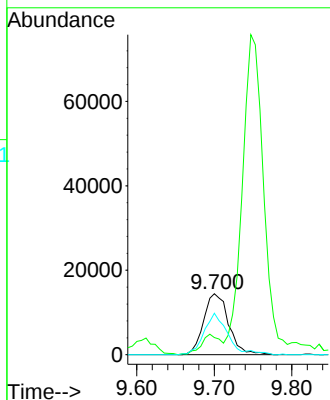
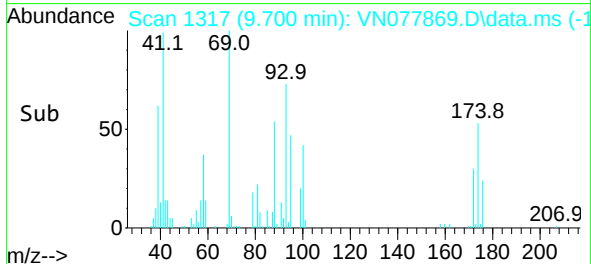
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 88 Resp: 32340
Ion Ratio Lower Upper
88 100
43 25.9 17.0 25.6
58 64.6 47.0 70.4

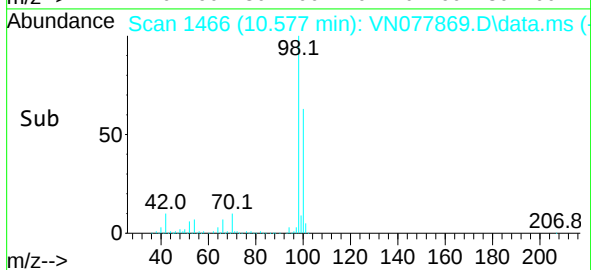
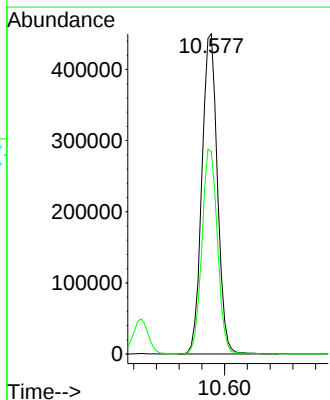
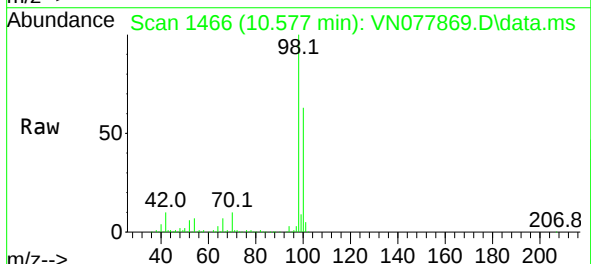
Manual Integrations
APPROVED

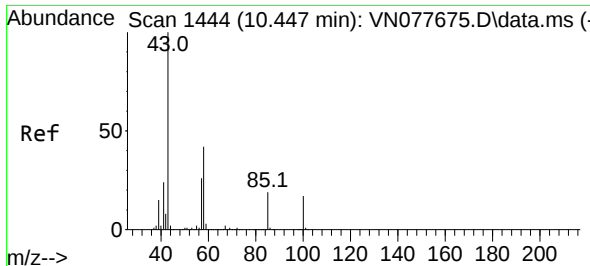
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 46.839 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

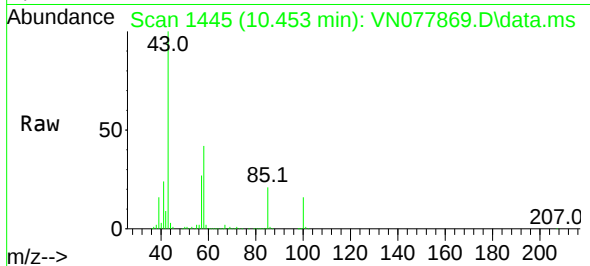
Tgt Ion: 98 Resp: 848834
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 91.734 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

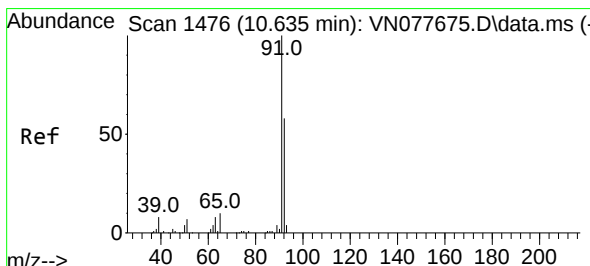
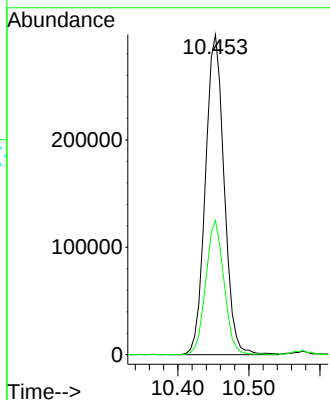
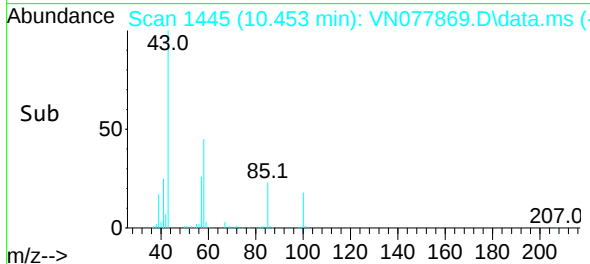
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



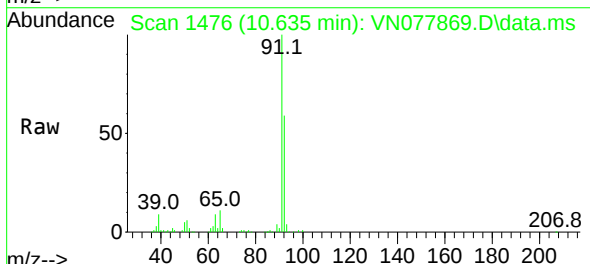
Tgt Ion: 43 Resp: 54669
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

Manual Integrations
APPROVED

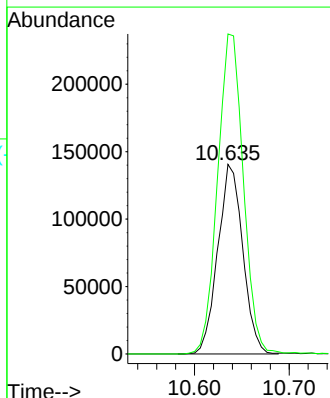
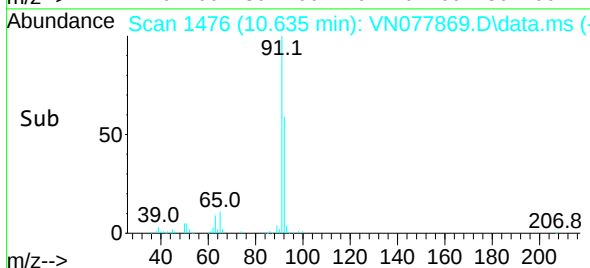
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

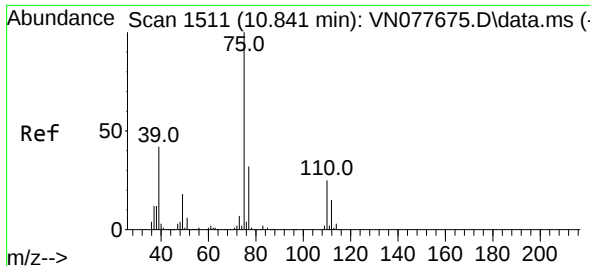


#52
Toluene
Concen: 20.383 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



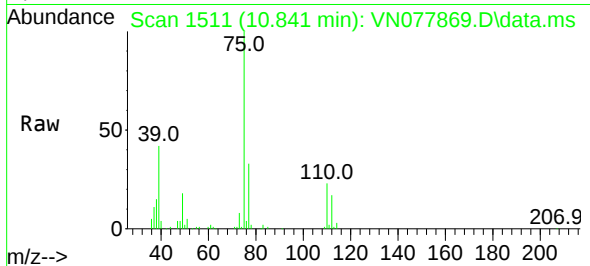
Tgt Ion: 92 Resp: 257871
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.638 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

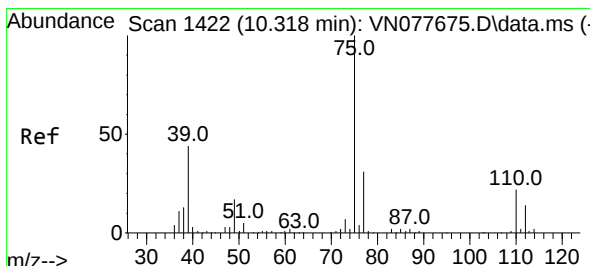
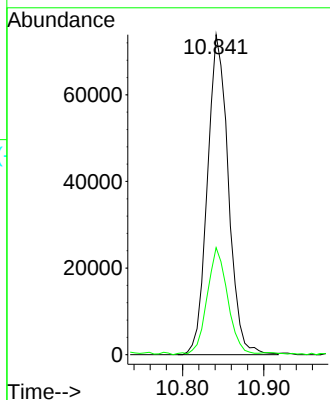
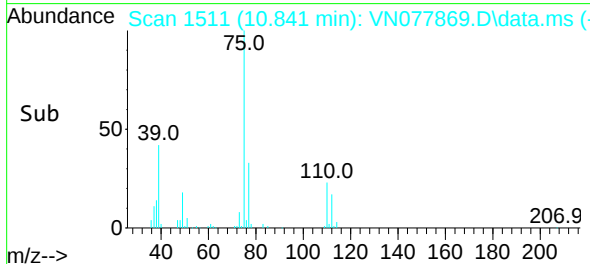
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 75 Resp: 13264
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

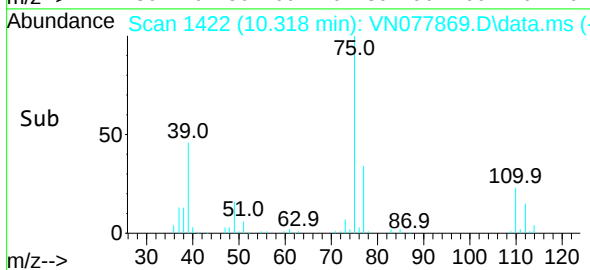
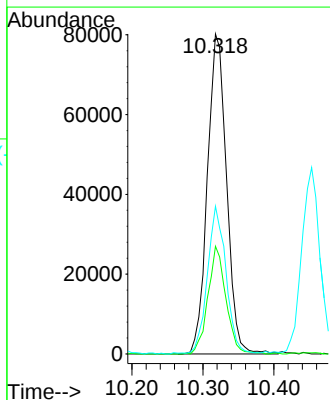
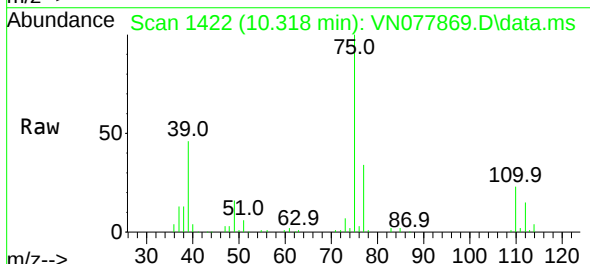
Manual Integrations
APPROVED

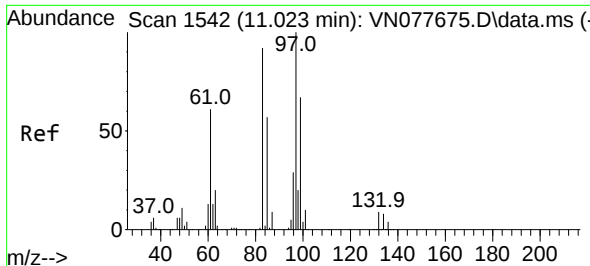
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

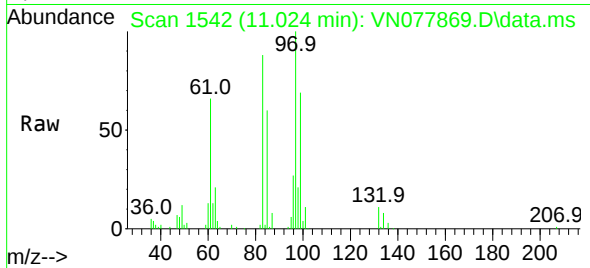
Tgt Ion: 75 Resp: 150654
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1
39 45.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.771 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

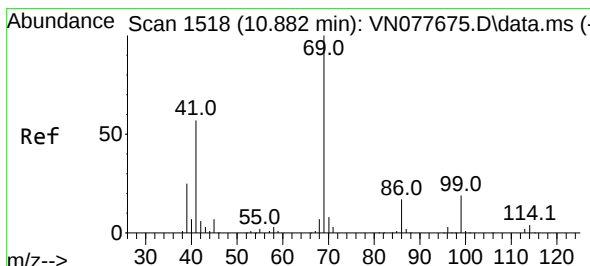
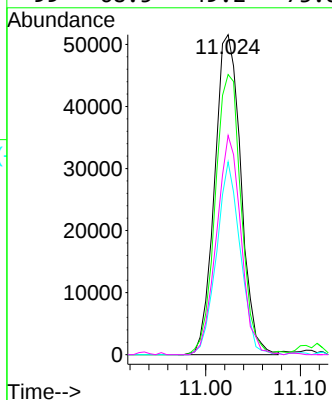
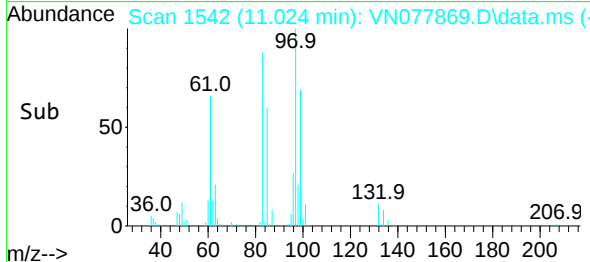
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.1	97.7
85	60.3	43.4	65.2
99	68.5	49.2	73.8

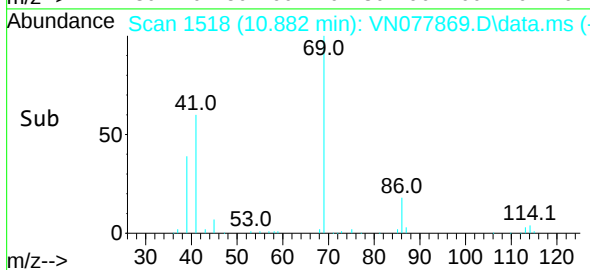
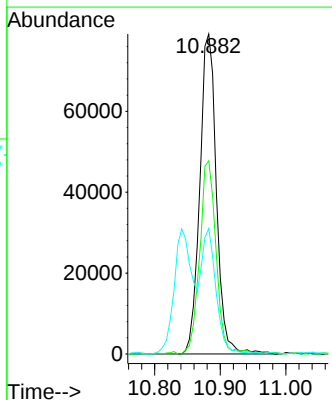
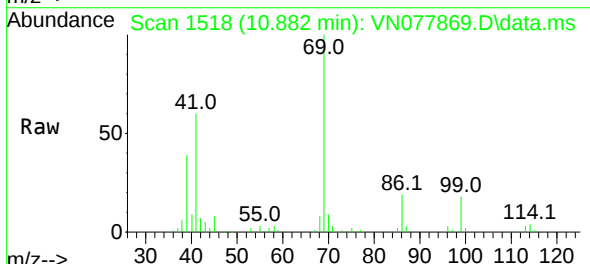
Manual Integrations
APPROVED

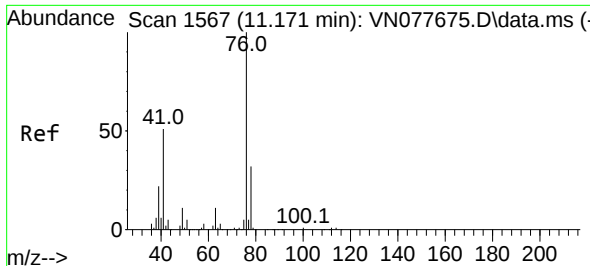
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 18.404 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	39.6	59.4#
39	33.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.510 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 76 Resp: 16801

Ion Ratio Lower Upper

76 100

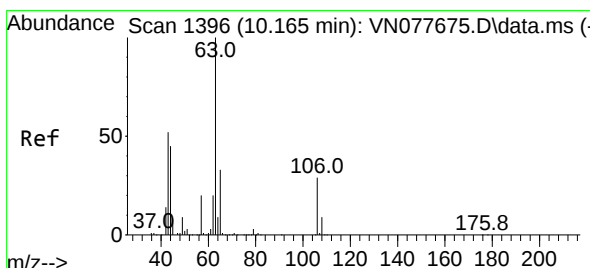
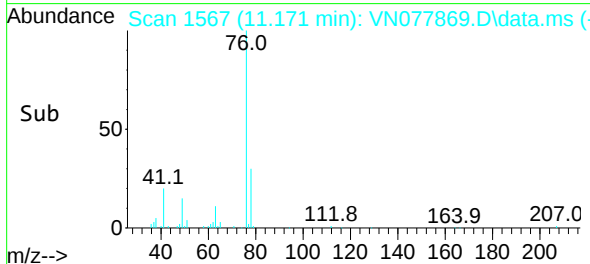
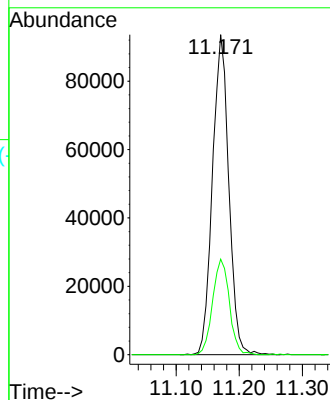
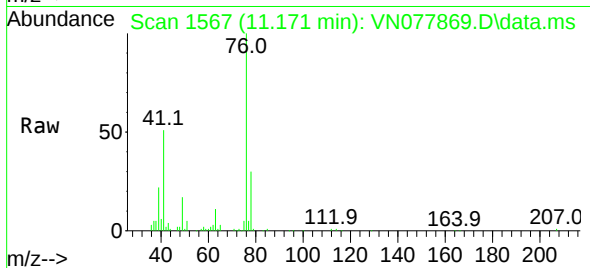
78 30.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.435 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077869.D

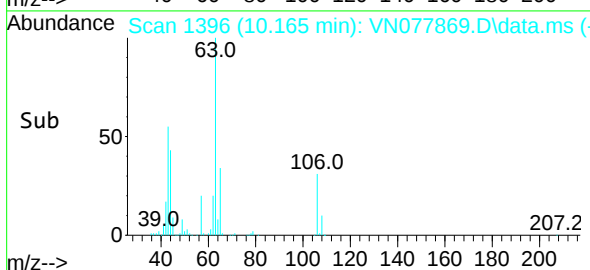
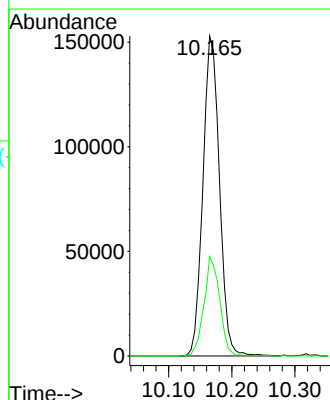
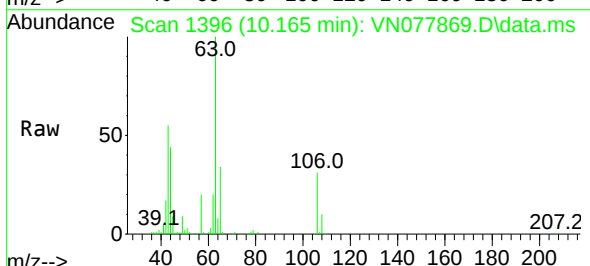
Acq: 25 May 2023 00:12

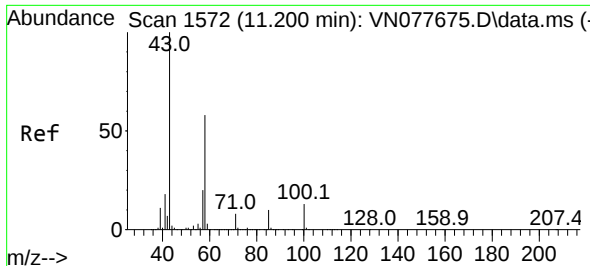
Tgt Ion: 63 Resp: 278136

Ion Ratio Lower Upper

63 100

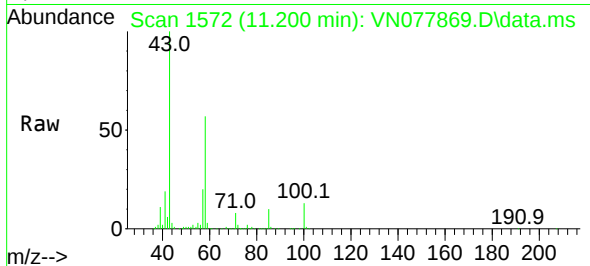
106 29.6 26.2 39.4





#59
2-Hexanone
Concen: 85.107 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

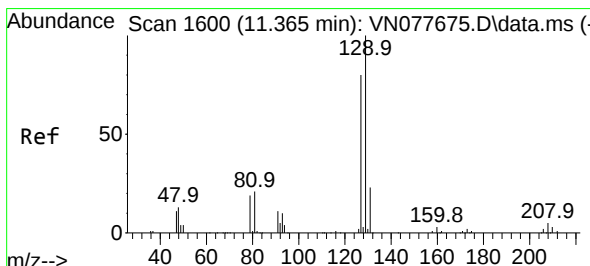
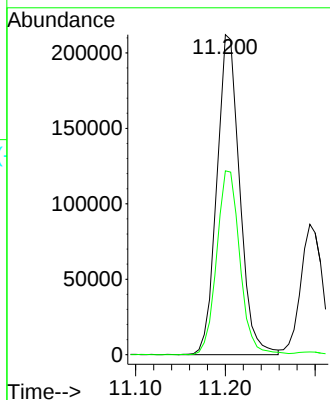
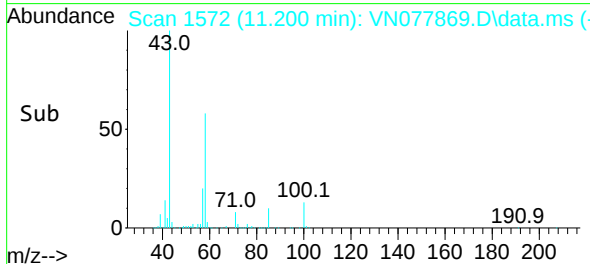
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 43 Resp: 375154
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1

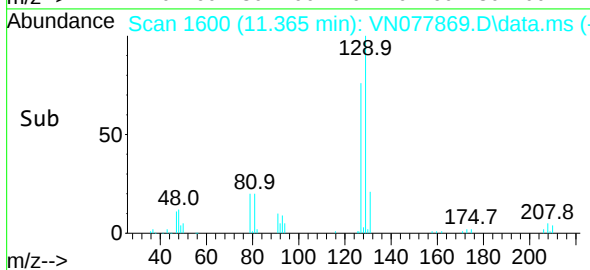
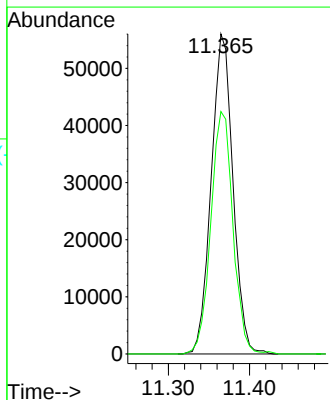
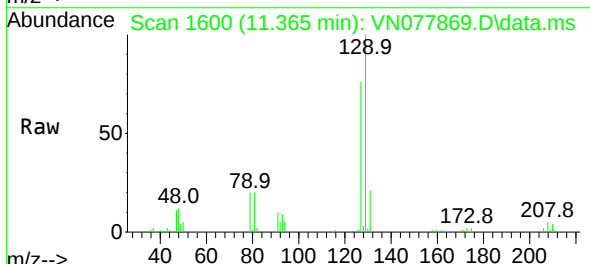
Manual Integrations
APPROVED

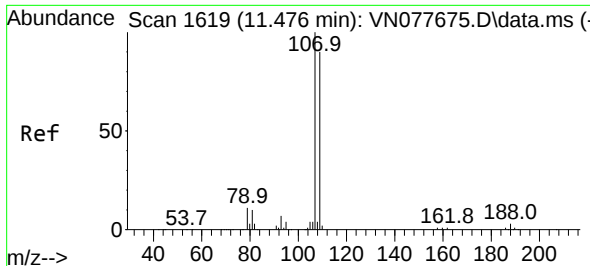
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 20.090 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

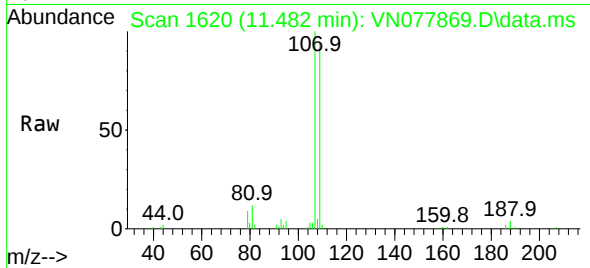
Tgt Ion:129 Resp: 104187
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.459 ug/l
RT: 11.482 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

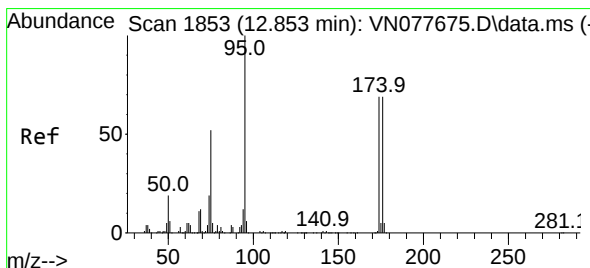
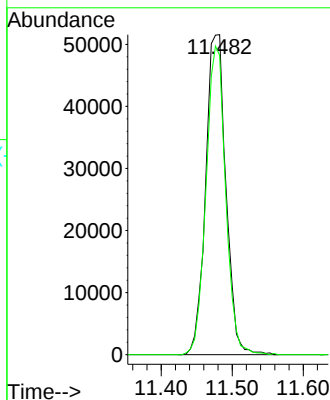
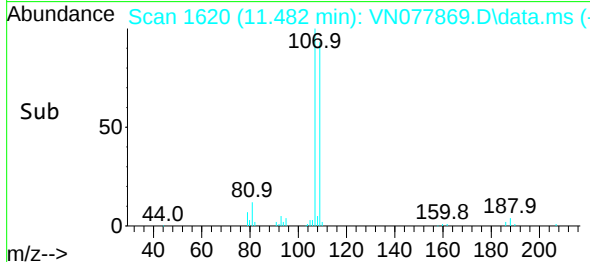
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:107 Resp: 10252
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

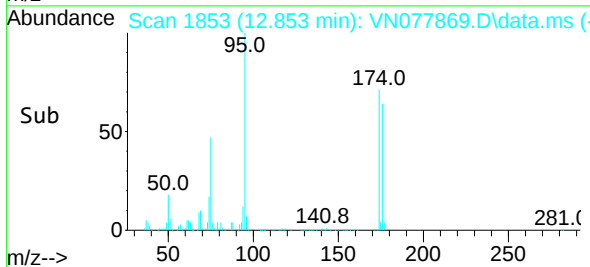
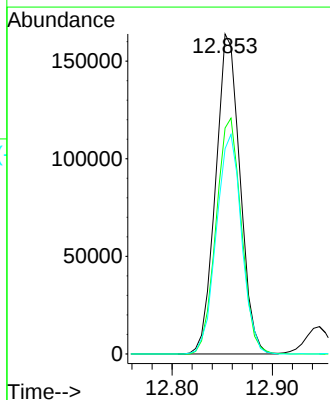
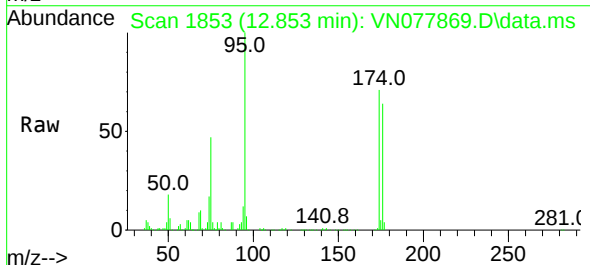
Manual Integrations
APPROVED

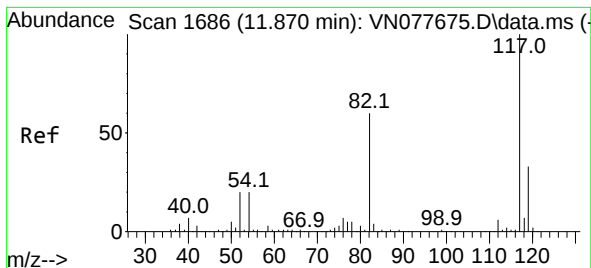
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 43.345 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

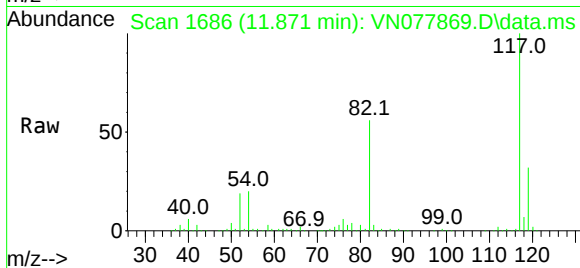
Tgt Ion: 95 Resp: 277428
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 70.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

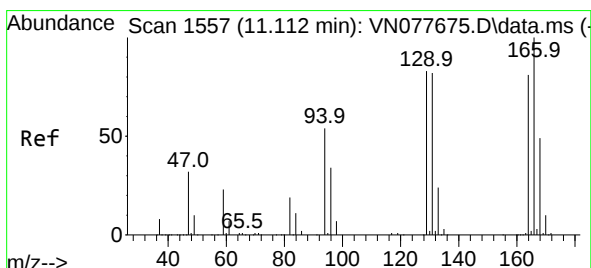
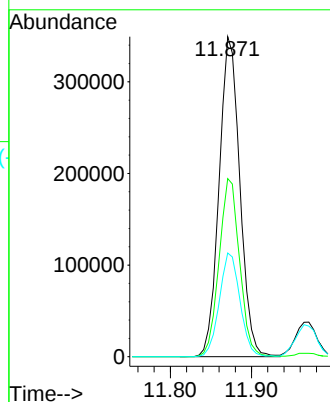
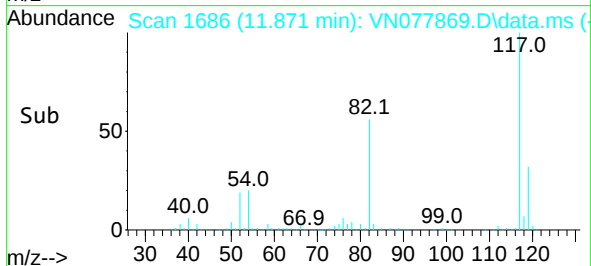
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



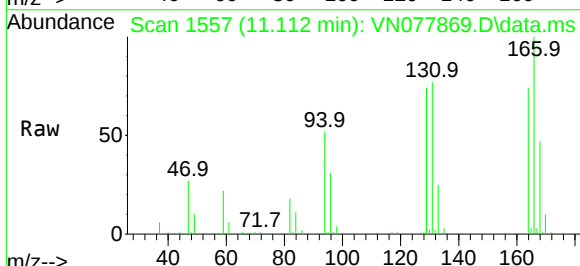
Tgt Ion:117 Resp: 621444
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

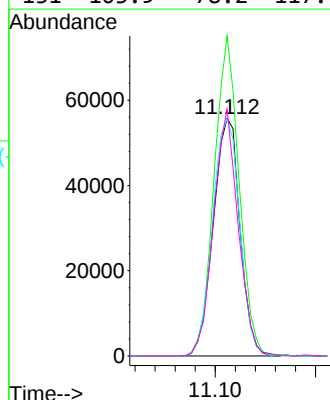
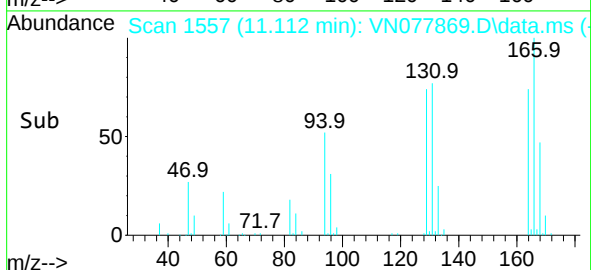
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

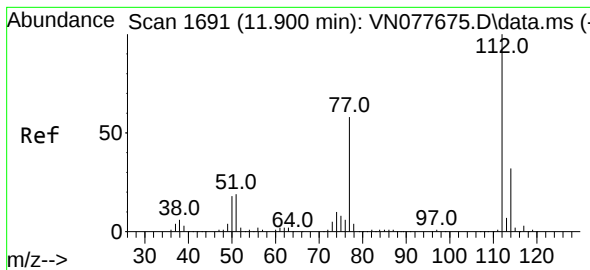


#64
Tetrachloroethene
Concen: 23.622 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



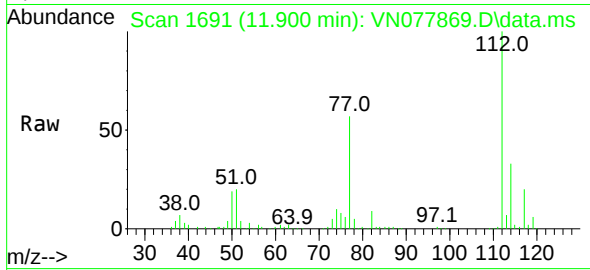
Tgt Ion:164 Resp: 102658
Ion Ratio Lower Upper
164 100
166 134.8 101.4 152.0
129 99.8 82.4 123.6
131 103.9 78.2 117.4





#65
Chlorobenzene
Concen: 20.247 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

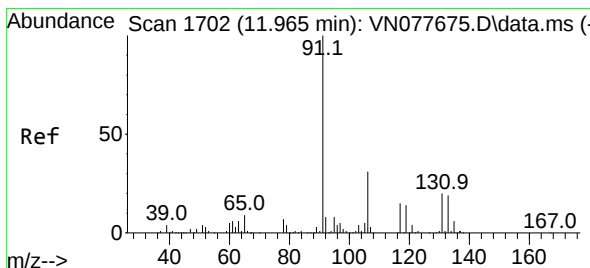
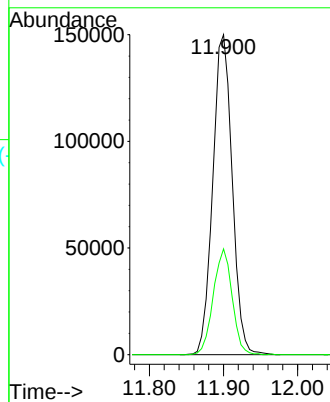
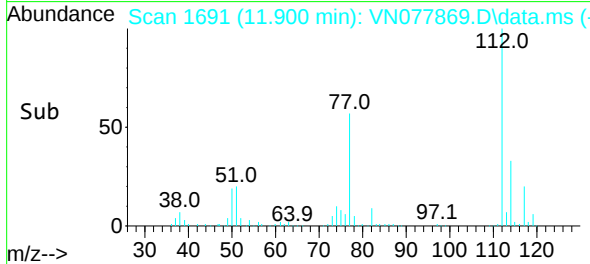
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



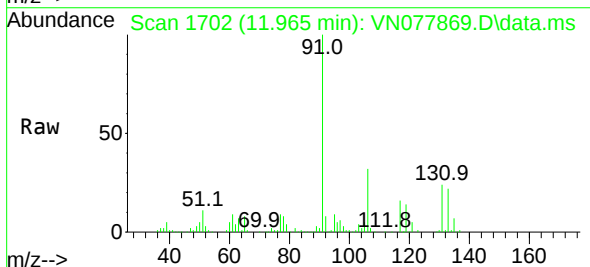
Tgt Ion:112 Resp: 272768
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4

Manual Integrations
APPROVED

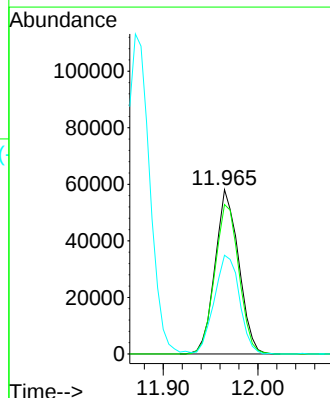
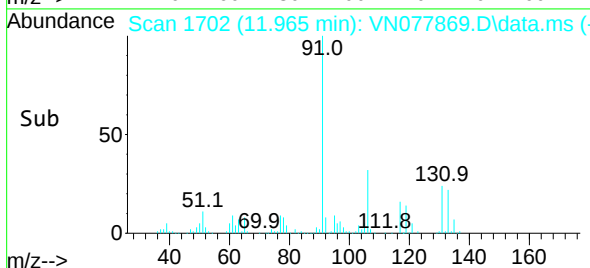
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

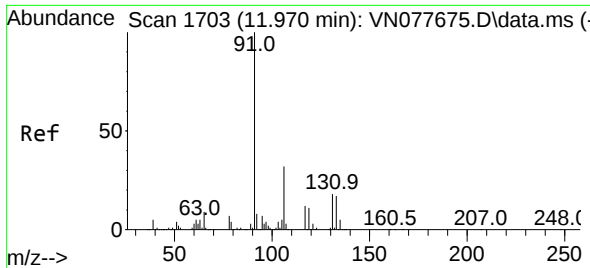


#66
1,1,1,2-Tetrachloroethane
Concen: 21.675 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



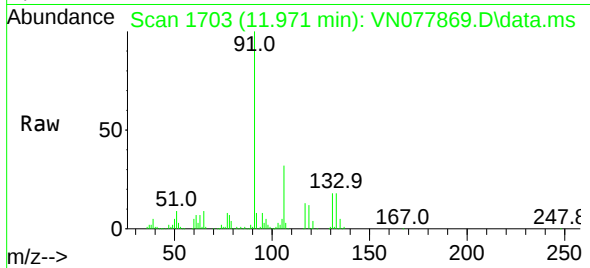
Tgt Ion:131 Resp: 101041
Ion Ratio Lower Upper
131 100
133 92.7 46.4 139.1
119 63.9 34.1 102.2





#67
Ethyl Benzene
Concen: 19.820 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

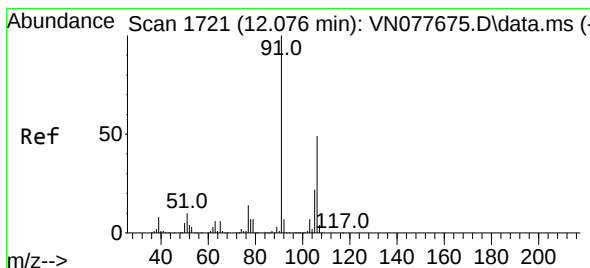
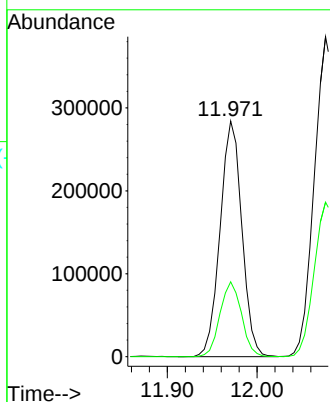
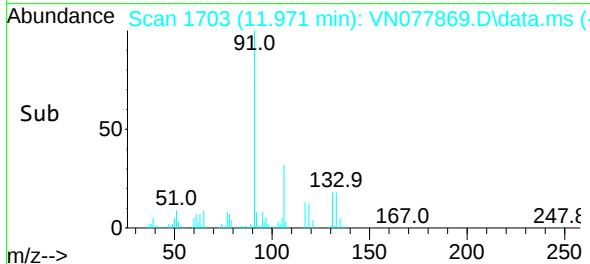
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



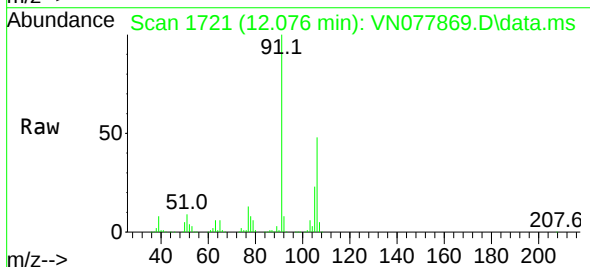
Tgt Ion: 91 Resp: 478509
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

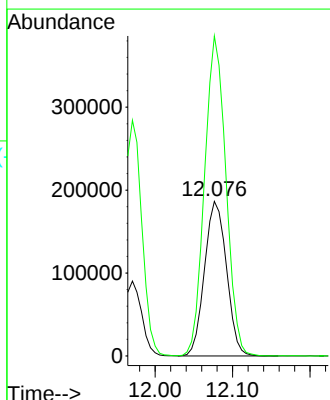
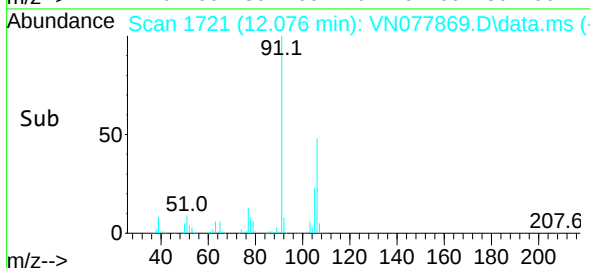
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

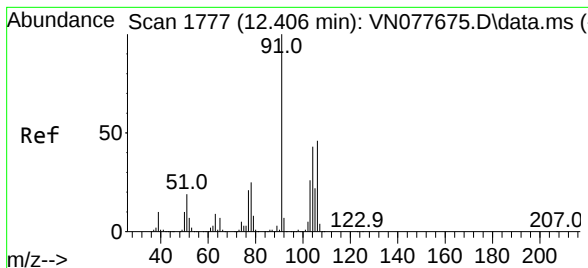


#68
m/p-Xylenes
Concen: 40.164 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



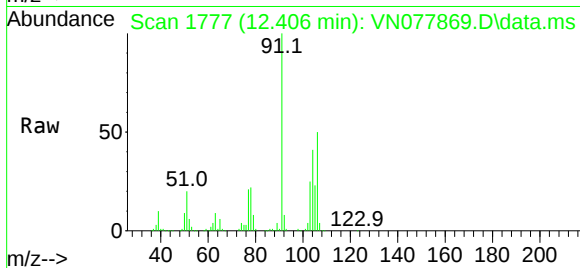
Tgt Ion:106 Resp: 367416
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4





#69
o-Xylene
Concen: 20.294 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

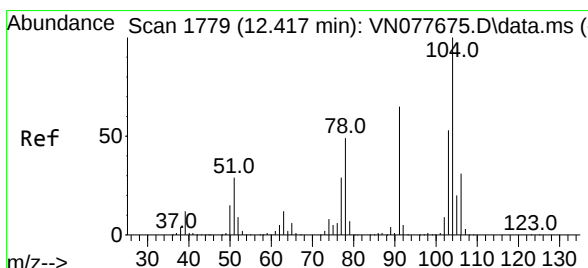
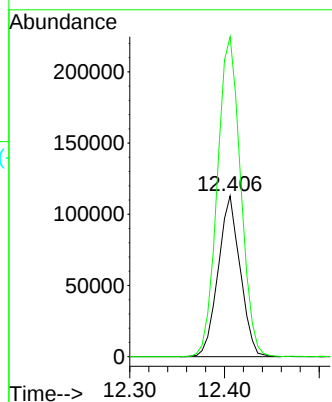
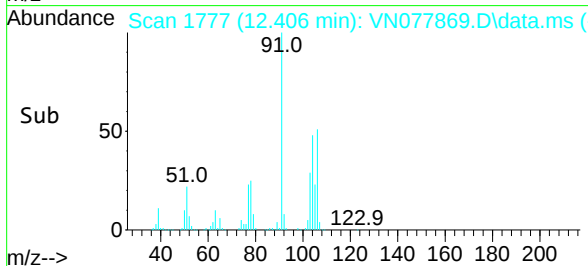
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:106 Resp: 18257
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.5

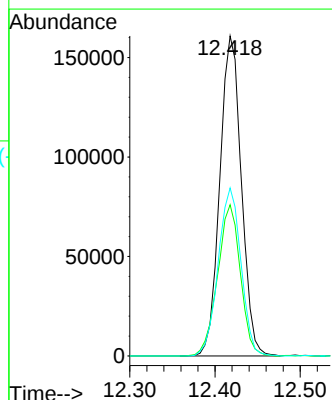
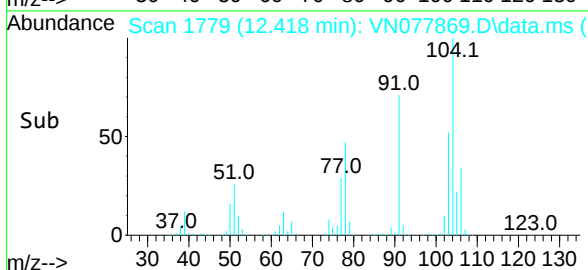
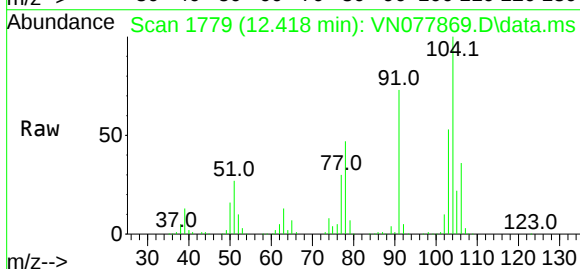
Manual Integrations
APPROVED

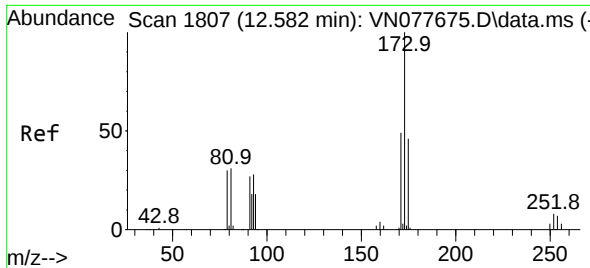
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 19.818 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

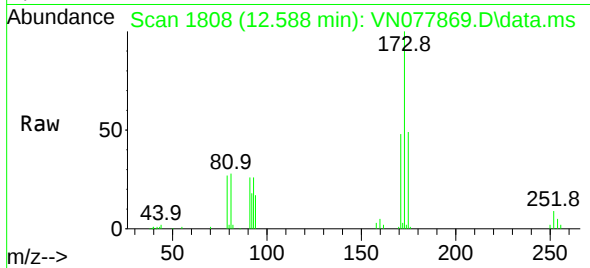
Tgt Ion:104 Resp: 283235
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.4 43.2 64.8





#71
Bromoform
Concen: 20.383 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

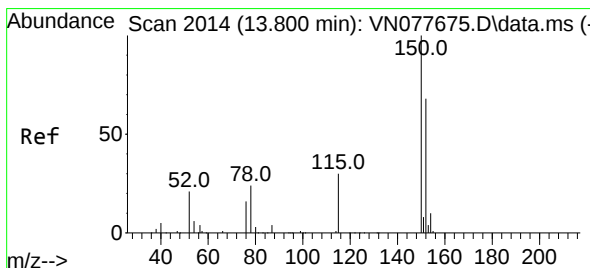
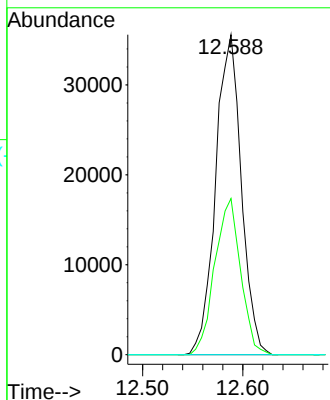
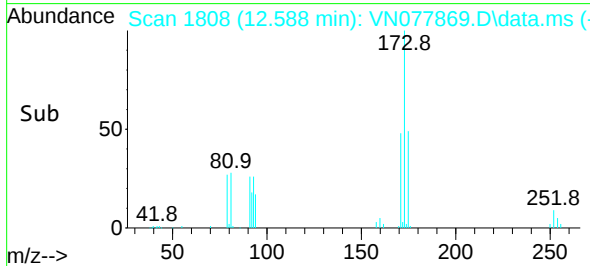
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



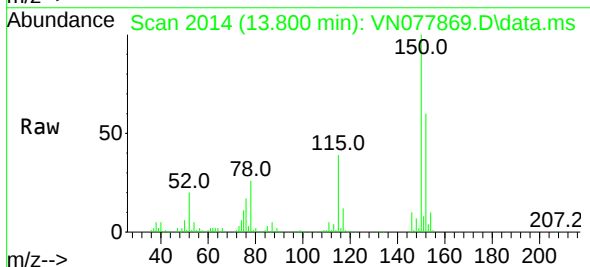
Tgt Ion:173 Resp: 63208
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

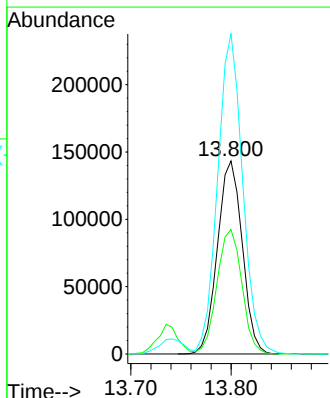
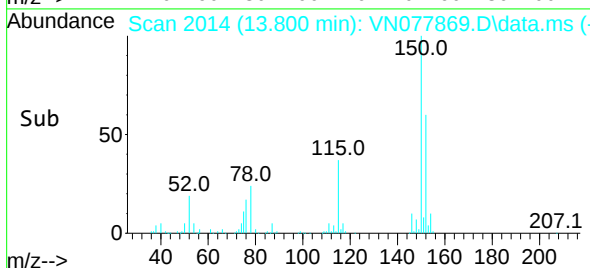
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

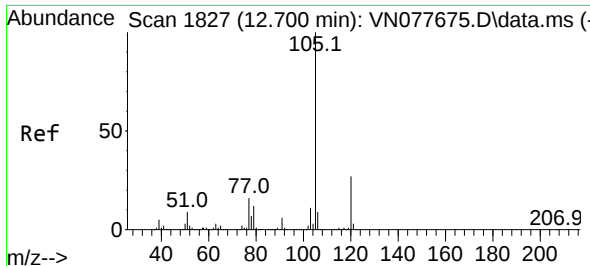


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



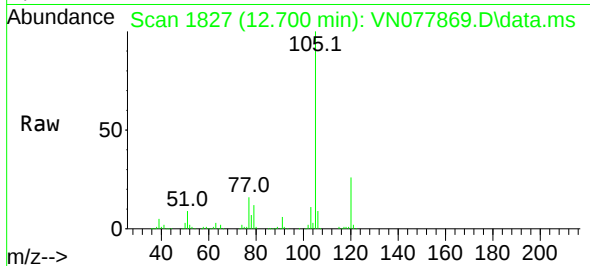
Tgt Ion:152 Resp: 246707
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 167.0 0.0 355.8





#73
Isopropylbenzene
Concen: 22.038 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

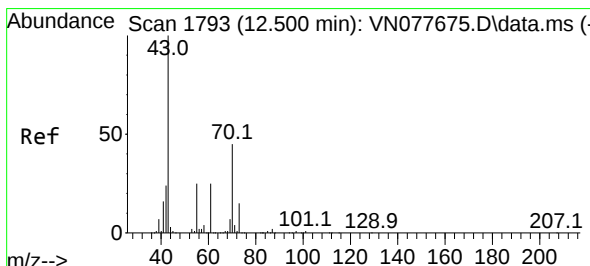
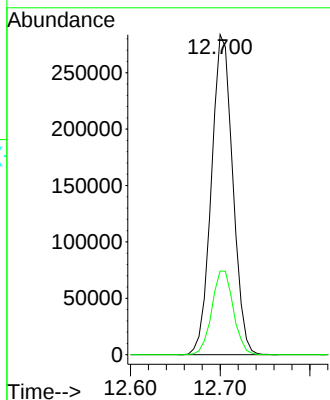
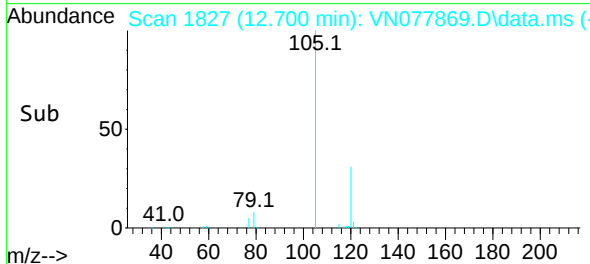
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



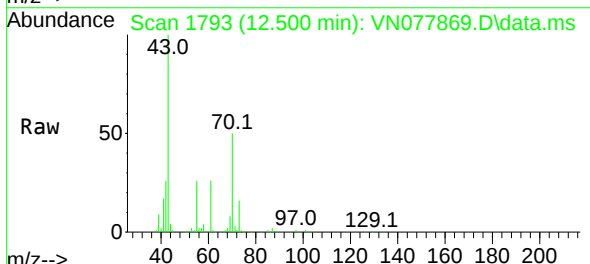
Tgt Ion:105 Resp: 46865
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
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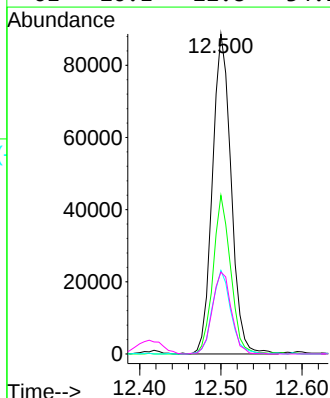
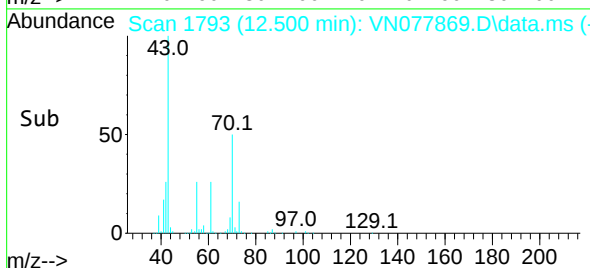
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

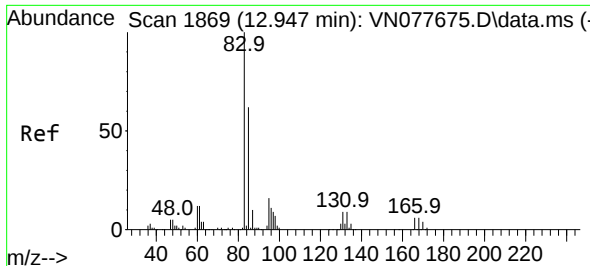


#74
N-ethyl acetate
Concen: 18.062 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



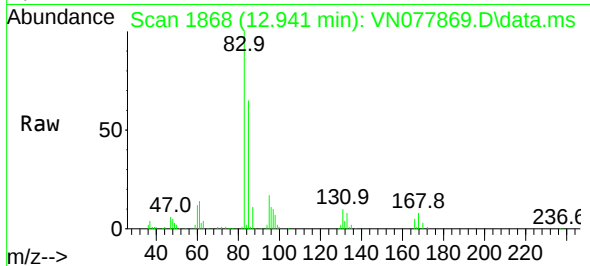
Tgt Ion: 43 Resp: 141980
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 25.8 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.045 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

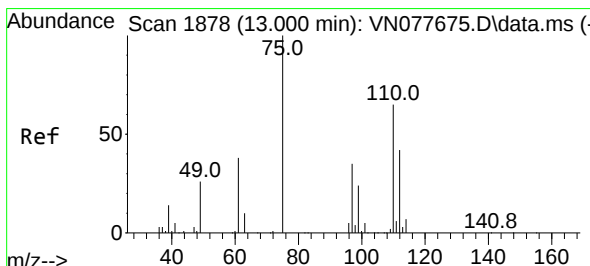
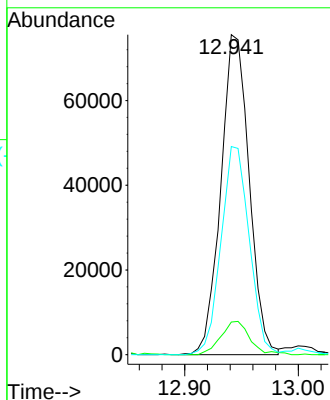
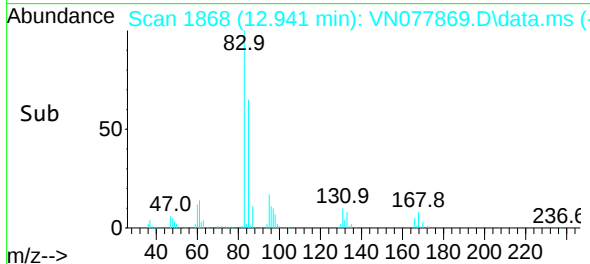
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



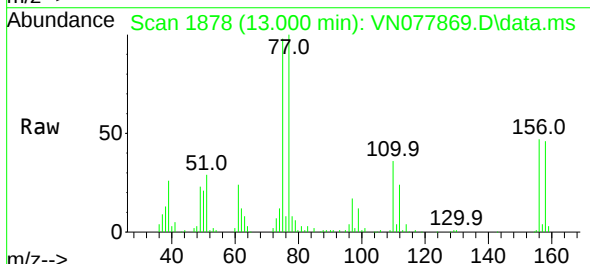
Tgt Ion: 83 Resp: 131138
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

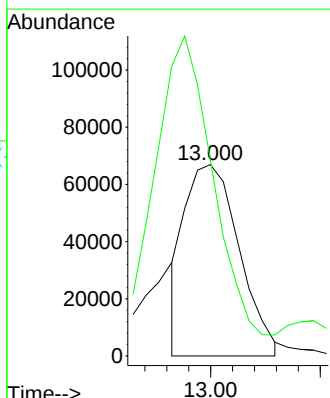
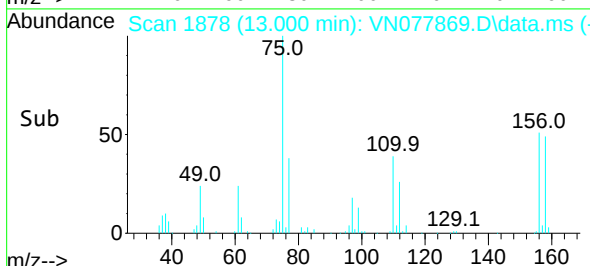
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

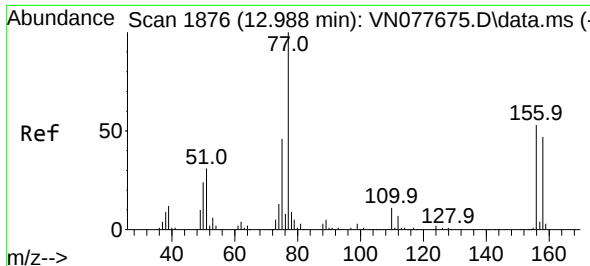


#76
1,2,3-Trichloropropane
Concen: 18.676 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



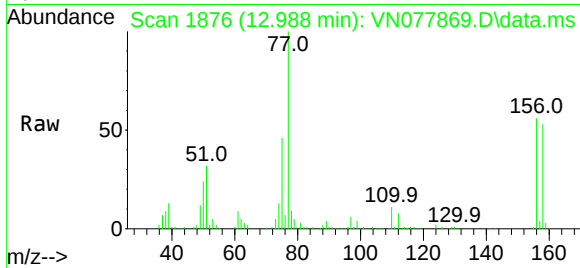
Tgt Ion: 75 Resp: 115390
Ion Ratio Lower Upper
75 100
77 190.7 84.5 253.5





#77
Bromobenzene
Concen: 21.725 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

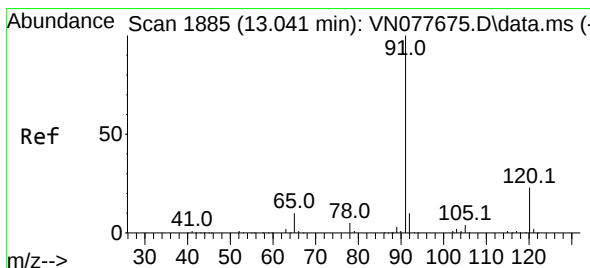
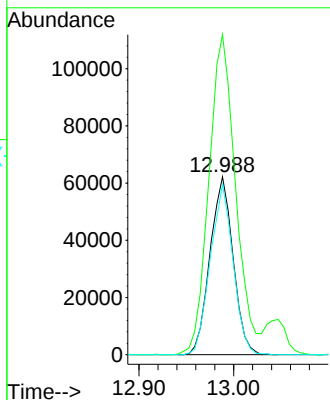
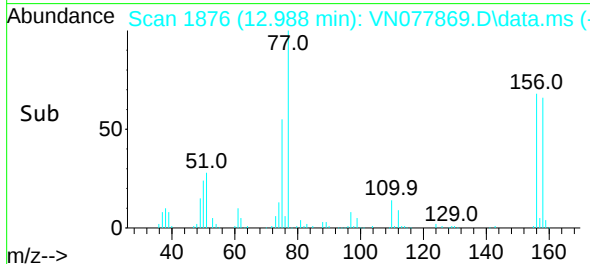
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



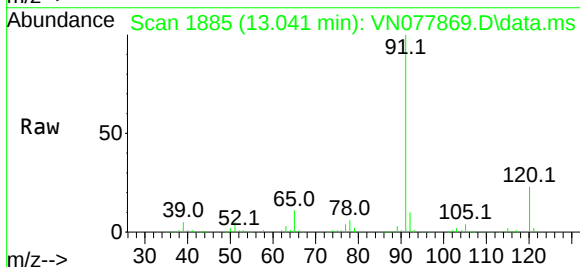
Tgt Ion:156 Resp: 105438
Ion Ratio Lower Upper
156 100
77 208.7 107.7 323.3
158 94.4 48.4 145.3

Manual Integrations
APPROVED

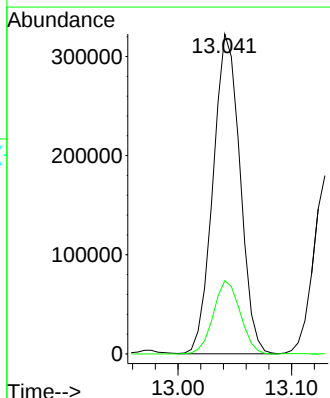
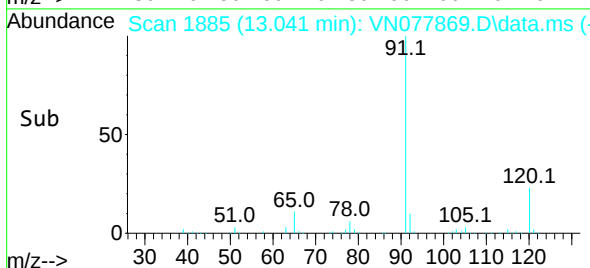
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

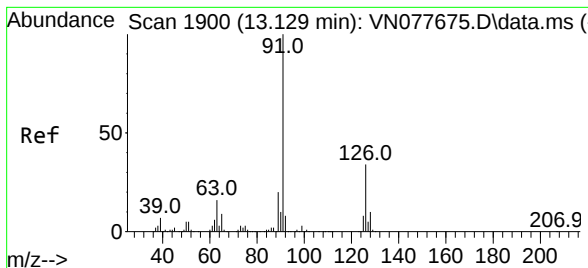


#78
n-propylbenzene
Concen: 21.187 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



Tgt Ion: 91 Resp: 531178
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





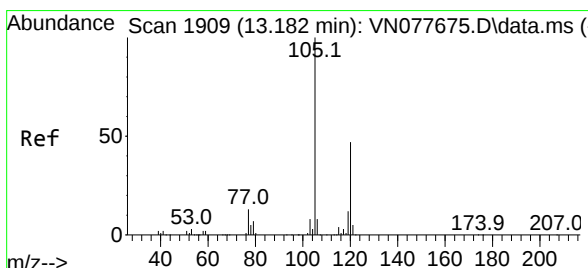
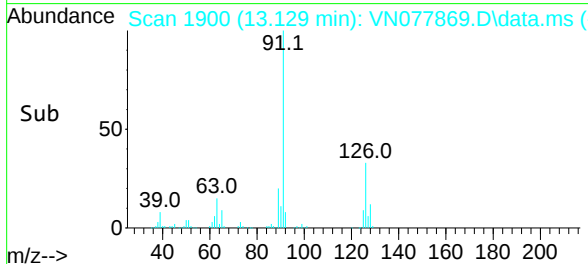
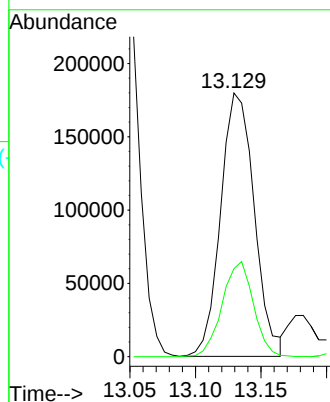
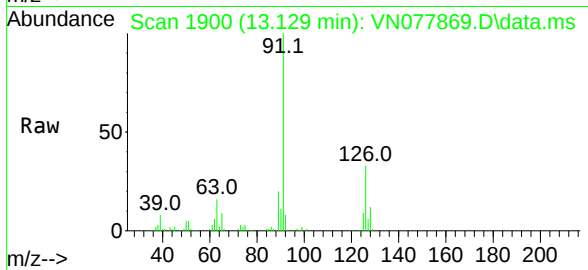
#79
2-Chlorotoluene
Concen: 21.464 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 91 Resp: 321110
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

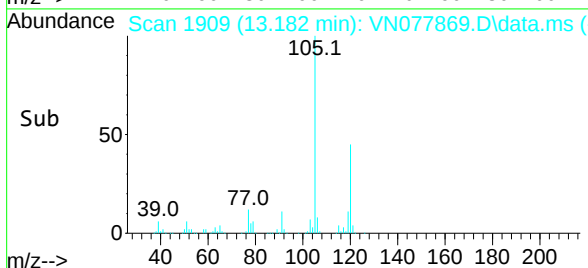
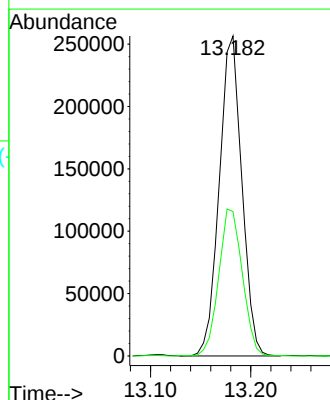
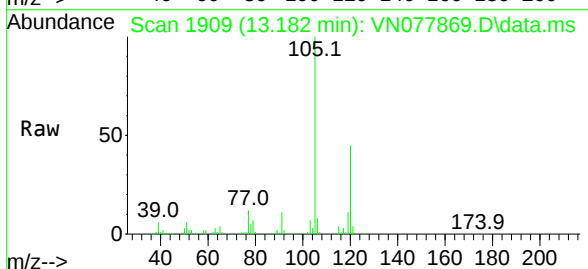
Manual Integrations
APPROVED

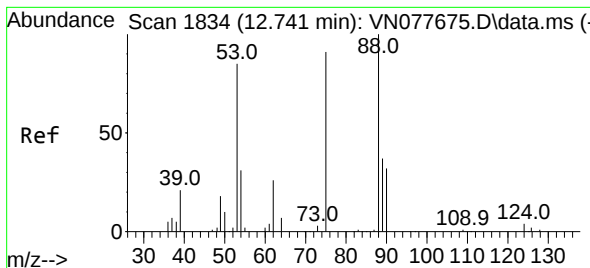
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.401 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

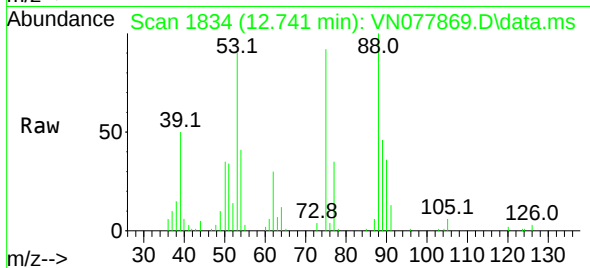
Tgt Ion:105 Resp: 400375
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.091 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

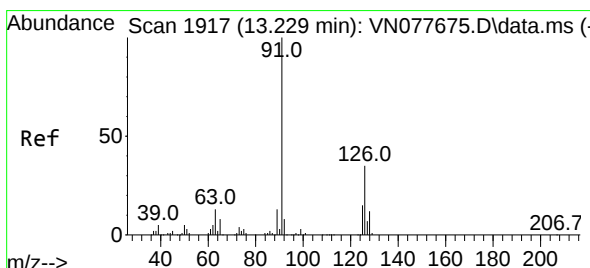
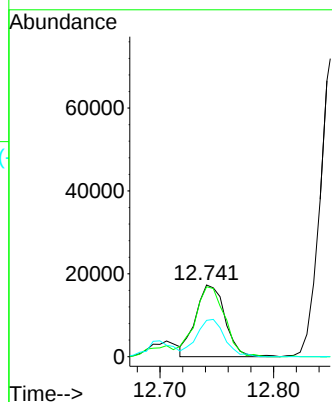
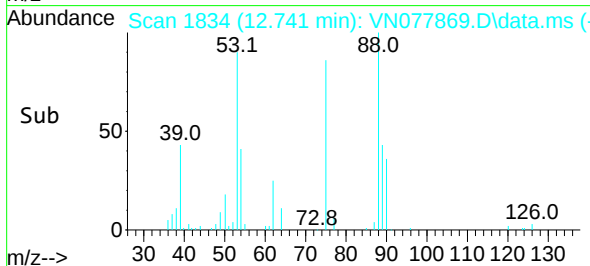
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



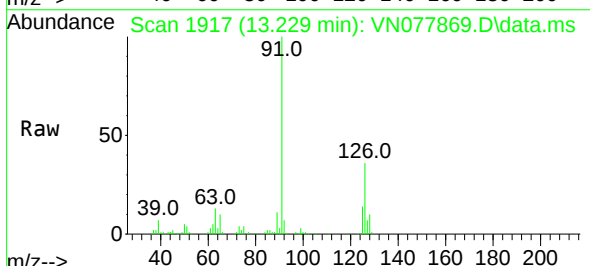
Tgt Ion: 75 Resp: 3110
Ion Ratio Lower Upper
75 100
53 112.5 67.4 101.2
89 50.0 38.8 58.2

Manual Integrations
APPROVED

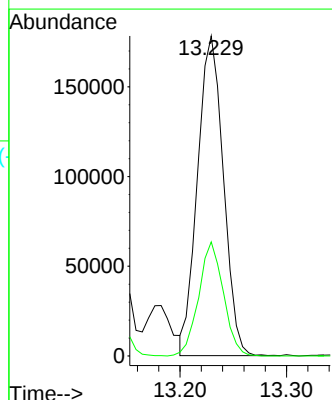
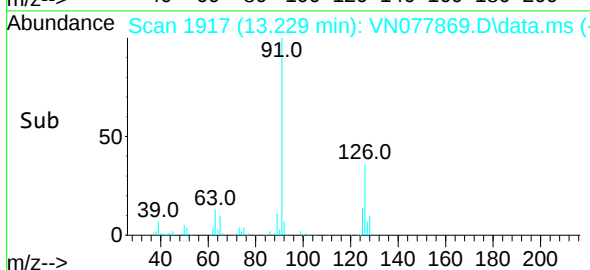
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

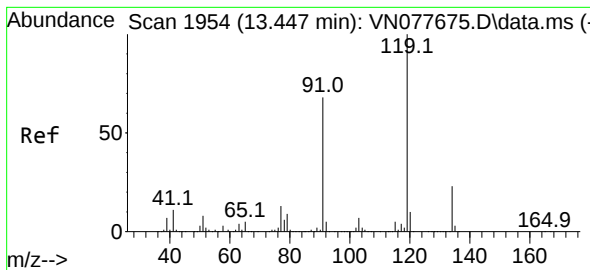


#82
4-Chlorotoluene
Concen: 20.177 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



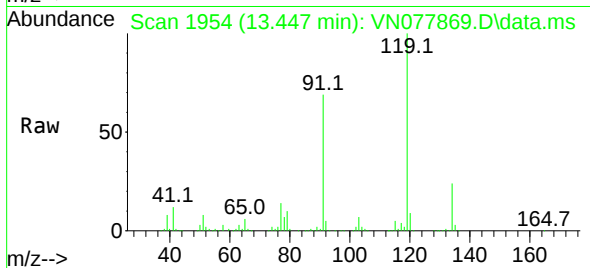
Tgt Ion: 91 Resp: 300338
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.768 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

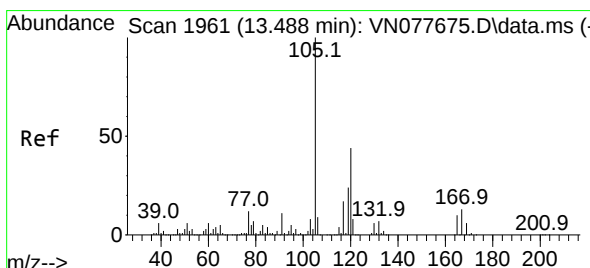
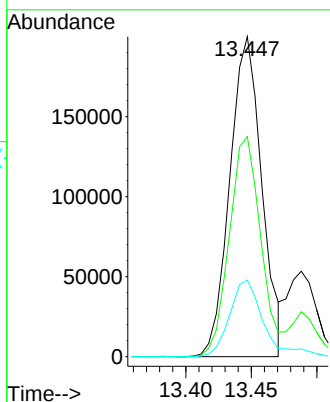
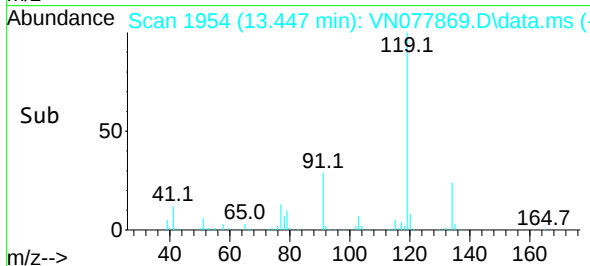
Instrument : MSVOA_N
ClientSampleId : VN0524MBS02



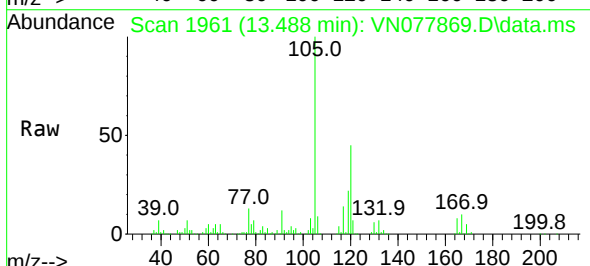
Tgt Ion:119 Resp: 339660
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
APPROVED

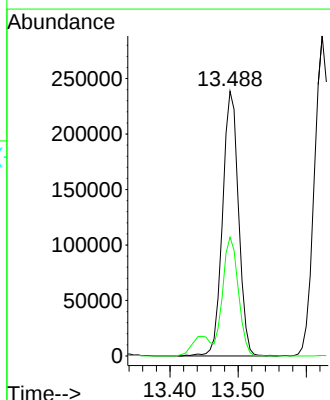
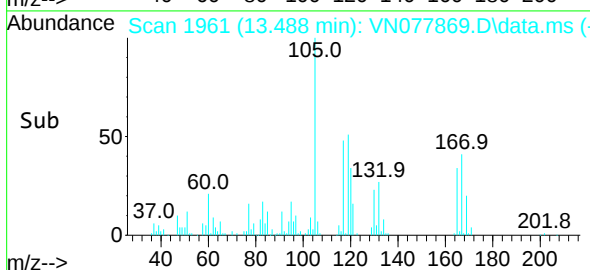
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

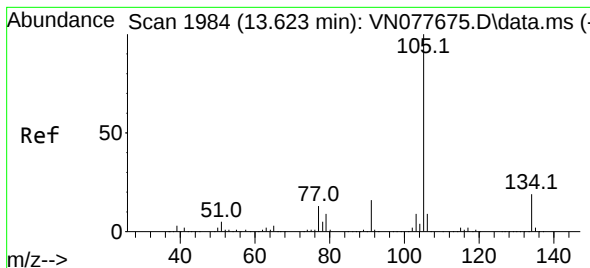


#84
1,2,4-Trimethylbenzene
Concen: 22.129 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12



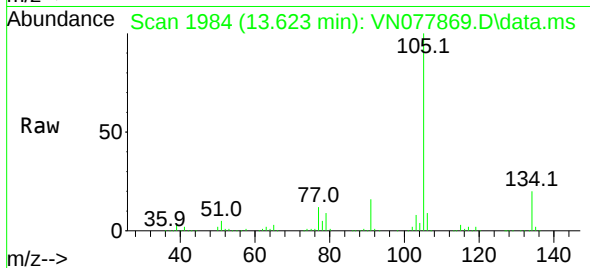
Tgt Ion:105 Resp: 388996
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.030 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12

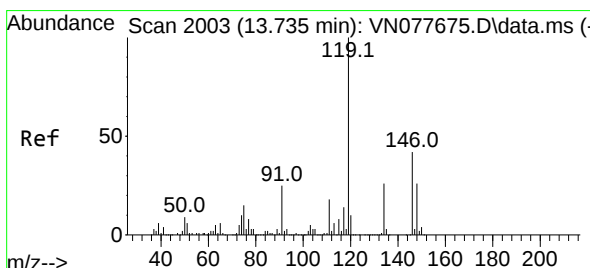
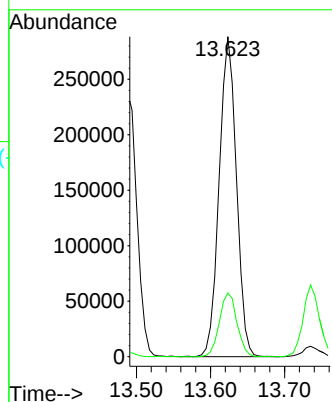
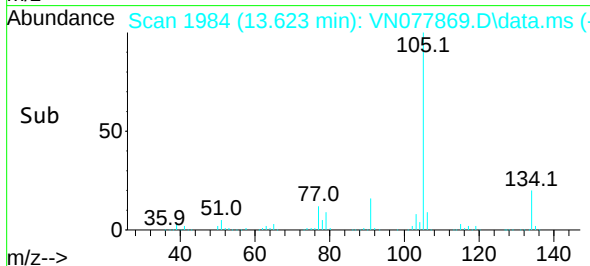
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02



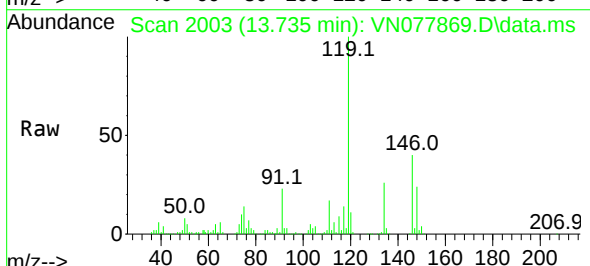
Tgt Ion:105 Resp: 466352
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
 APPROVED

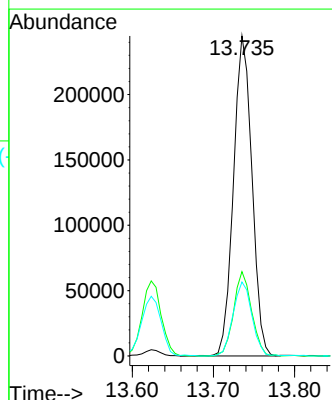
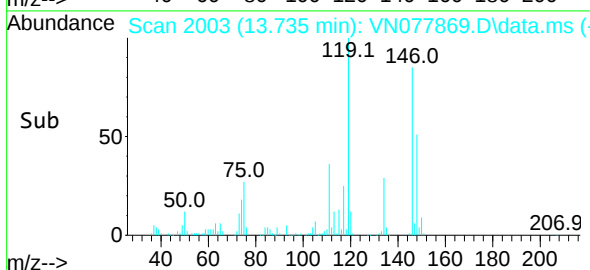
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

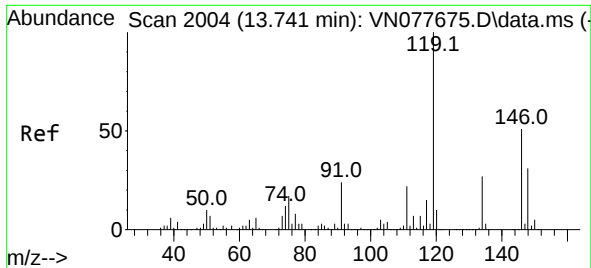


#86
 p-Isopropyltoluene
 Concen: 21.863 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077869.D
 Acq: 25 May 2023 00:12



Tgt Ion:119 Resp: 386518
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.7 12.4 37.2





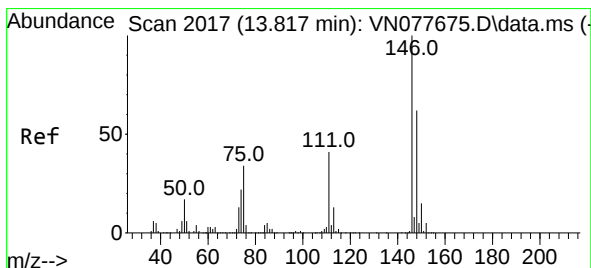
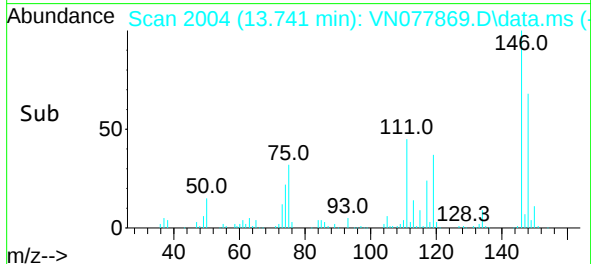
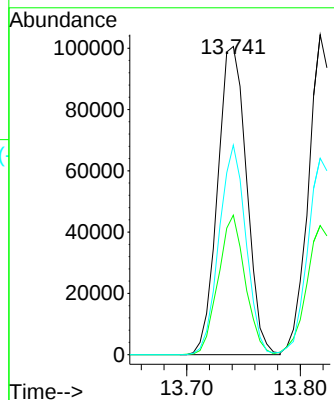
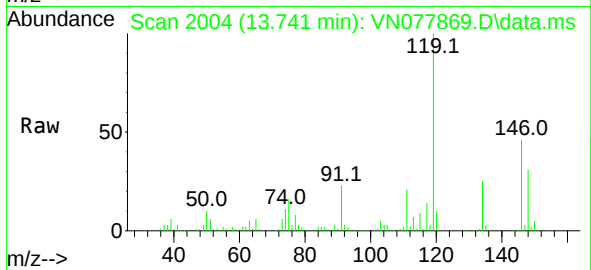
#87
1,3-Dichlorobenzene
Concen: 19.858 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:146 Resp: 178228
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 63.0 32.0 96.0

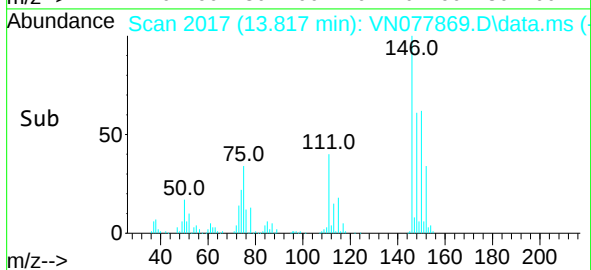
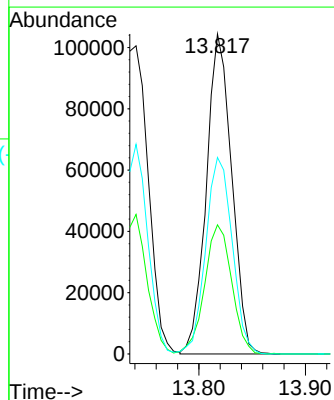
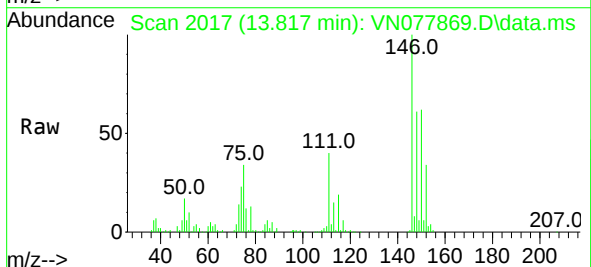
Manual Integrations
APPROVED

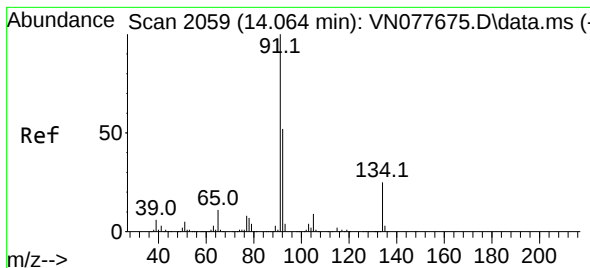
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,4-Dichlorobenzene
Concen: 19.386 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion:146 Resp: 172653
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 18.344 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

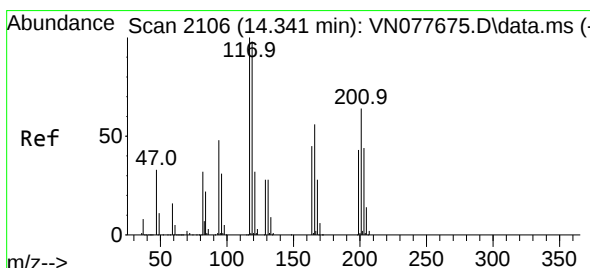
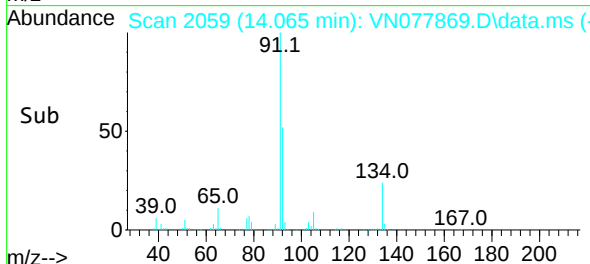
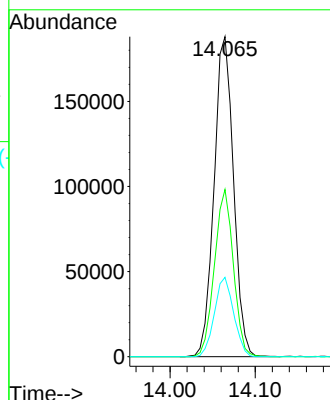
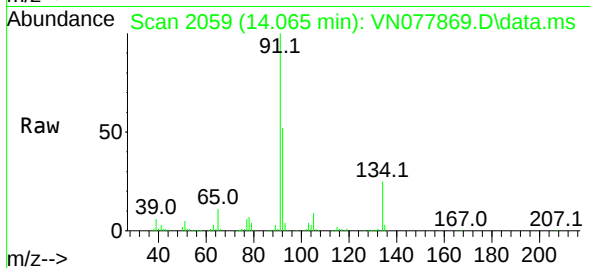
Tgt Ion:	91	Resp:	29828
Ion Ratio	Lower	Upper	
91	100		
92	50.8	26.4	79.0
134	24.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 21.755 ug/l

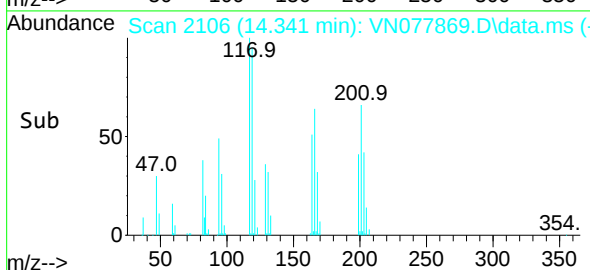
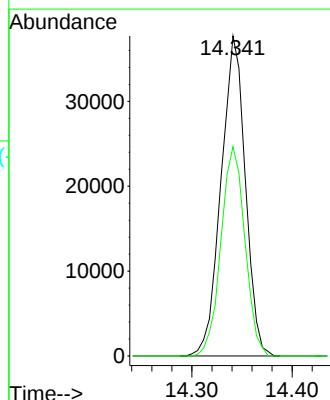
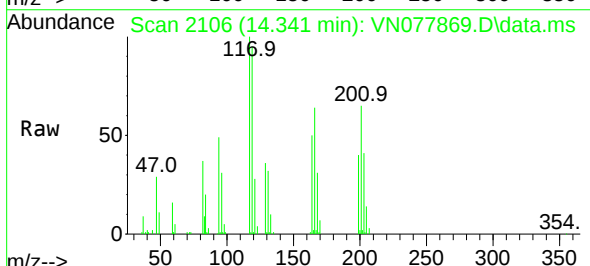
RT: 14.341 min Scan# 2106

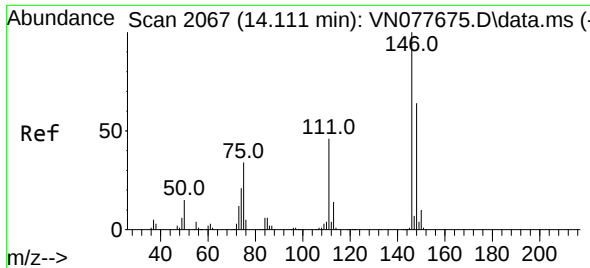
Delta R.T. -0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Tgt Ion:	117	Resp:	63181
Ion Ratio	Lower	Upper	
117	100		
201	64.5	29.3	88.0





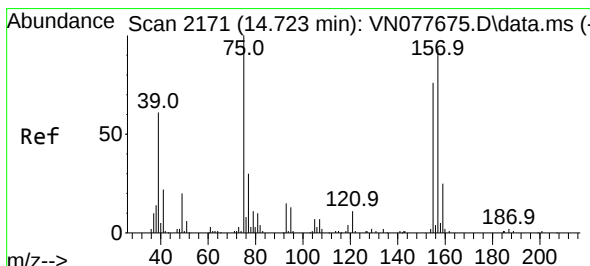
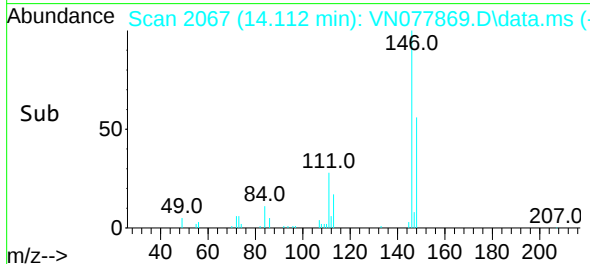
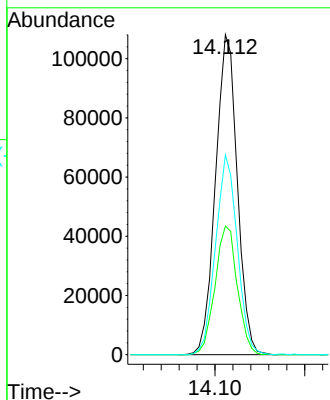
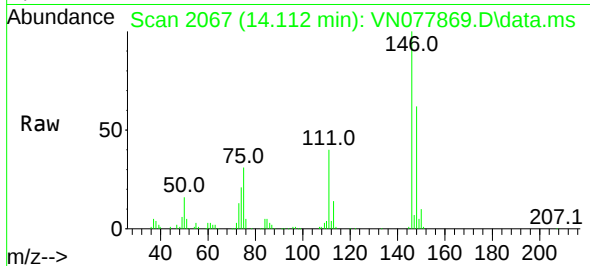
#91
1,2-Dichlorobenzene
Concen: 21.704 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:146 Resp: 18197
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 62.4 31.8 95.3

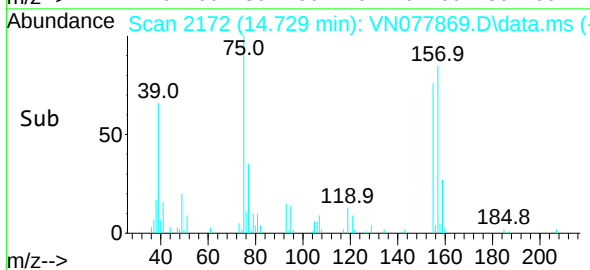
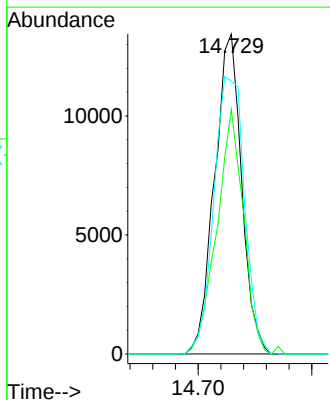
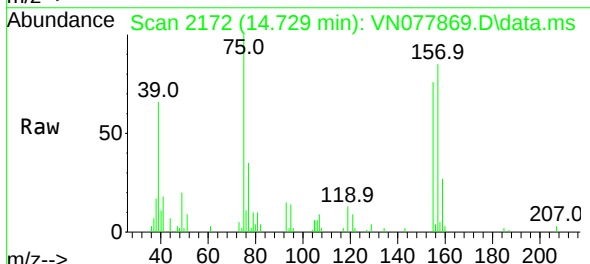
Manual Integrations
APPROVED

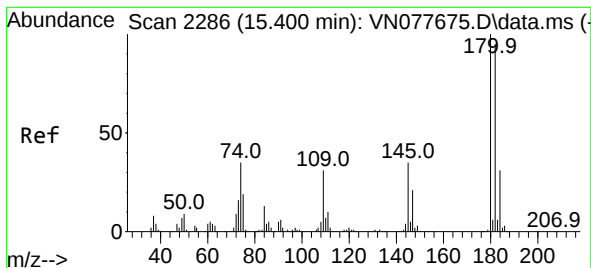
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.535 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion: 75 Resp: 22210
Ion Ratio Lower Upper
75 100
155 75.3 39.1 117.2
157 98.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.842 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

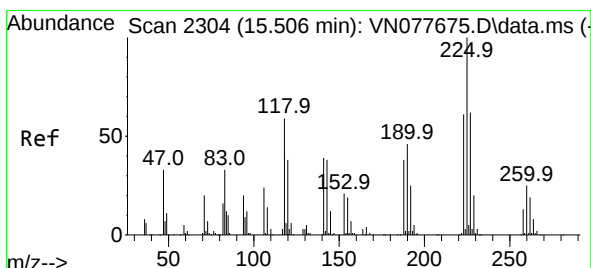
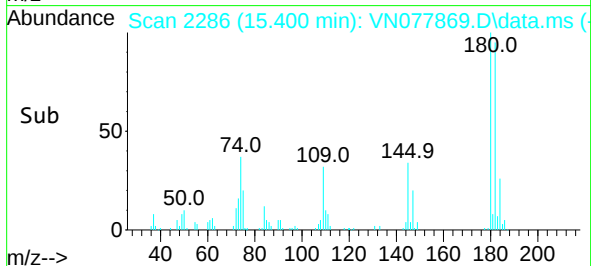
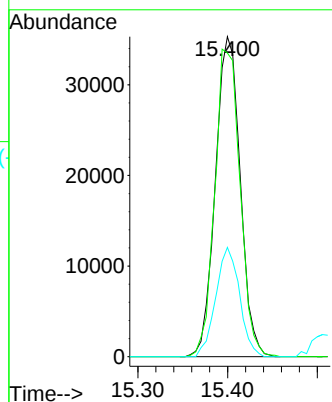
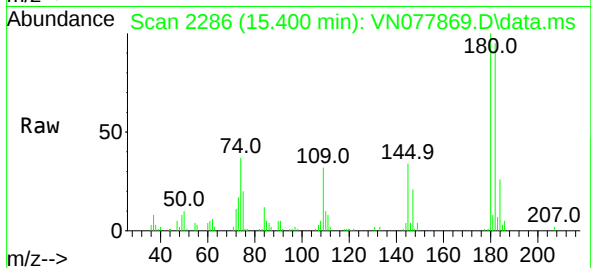
Tgt Ion:	180	Resp:	6782
Ion Ratio	Lower	Upper	
180	100		
182	97.8	46.1	138.2
145	32.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 17.988 ug/l

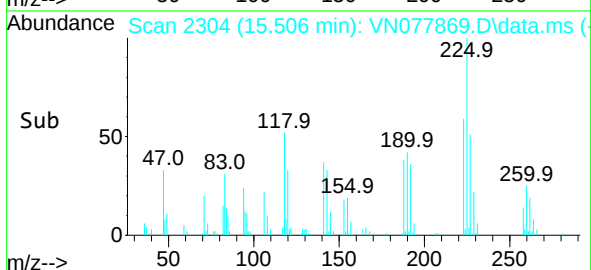
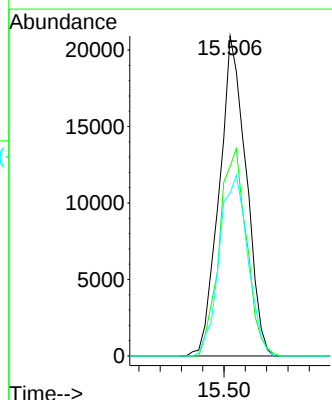
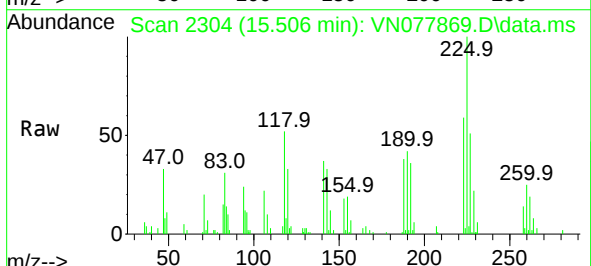
RT: 15.506 min Scan# 2304

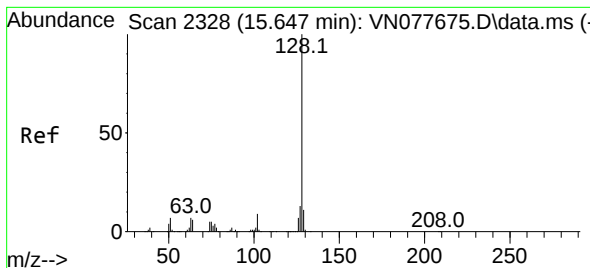
Delta R.T. -0.000 min

Lab File: VN077869.D

Acq: 25 May 2023 00:12

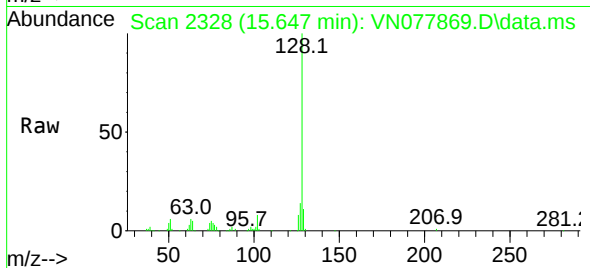
Tgt Ion:	225	Resp:	36594
Ion Ratio	Lower	Upper	
225	100		
223	65.6	31.3	93.8
227	60.0	31.9	95.9





#95
Naphthalene
Concen: 12.224 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

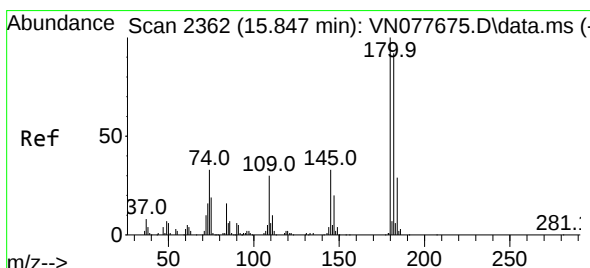
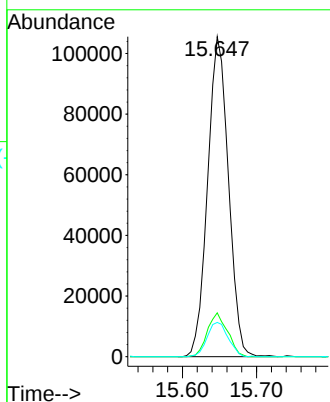
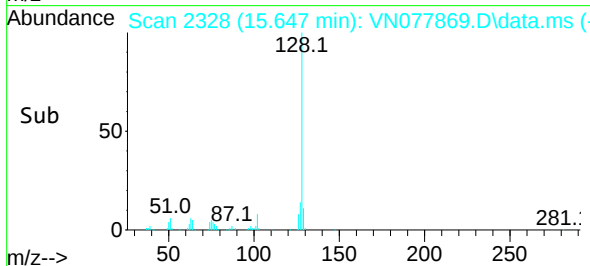
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:128 Resp: 20615
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.344 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077869.D
Acq: 25 May 2023 00:12

Tgt Ion:180 Resp: 73612
Ion Ratio Lower Upper
180 100
182 98.2 46.2 138.6
145 33.7 17.5 52.6

