

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077870.D
 Acq On : 25 May 2023 00:36
 Operator : JC\MD
 Sample : VN0524MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 28 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 01:46:06 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	8.229	168	375229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	679247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	589549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275402	49.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	8.171	113	232871	52.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.160%		
50) Toluene-d8	10.576	98	870787	51.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.160%		
62) 4-Bromofluorobenzene	12.859	95	285704	47.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79708	18.665	ug/l	97
3) Chloromethane	2.371	50	87001	18.072	ug/l	97
4) Vinyl Chloride	2.524	62	111451	20.700	ug/l	100
5) Bromomethane	2.965	94	83930	21.078	ug/l	95
6) Chloroethane	3.130	64	78152	20.142	ug/l	99
7) Trichlorofluoromethane	3.506	101	158294	21.097	ug/l	98
8) Diethyl Ether	3.971	74	56172	20.507	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	87068	20.968	ug/l	97
10) Methyl Iodide	4.594	142	116509	23.527	ug/l	99
11) Tert butyl alcohol	5.530	59	72504	93.573	ug/l	99
12) 1,1-Dichloroethene	4.347	96	83425	21.139	ug/l	88
13) Acrolein	4.200	56	35869	51.610	ug/l	90
14) Allyl chloride	5.036	41	107011	18.458	ug/l	94
15) Acrylonitrile	5.730	53	199868	96.551	ug/l	98
16) Acetone	4.441	43	163423	92.520	ug/l	92
17) Carbon Disulfide	4.724	76	206427	19.412	ug/l	99
18) Methyl Acetate	5.036	43	145027	19.571	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	283807	19.867	ug/l	95
20) Methylene Chloride	5.289	84	103644	21.414	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	94059	21.217	ug/l	92
22) Diisopropyl ether	6.683	45	269741	19.849	ug/l	95
23) Vinyl Acetate	6.612	43	795997	94.540	ug/l	93
24) 1,1-Dichloroethane	6.571	63	173854	20.882	ug/l	95
25) 2-Butanone	7.494	43	251736	91.106	ug/l	89
26) 2,2-Dichloropropane	7.500	77	108746	15.375	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	112588	21.181	ug/l	96
28) Bromochloromethane	7.824	49	70115	19.473	ug/l	91
29) Tetrahydrofuran	7.847	42	168168	92.948	ug/l #	85
30) Chloroform	7.971	83	189419	20.683	ug/l	91
31) Cyclohexane	8.265	56	148472	19.457	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	165124	21.207	ug/l	96
36) 1,1-Dichloropropene	8.382	75	137885	21.283	ug/l	98
37) Ethyl Acetate	7.571	43	104421	18.084	ug/l	96
38) Carbon Tetrachloride	8.371	117	146296	22.363	ug/l	99
39) Methylcyclohexane	9.606	83	162749	20.520	ug/l	92
40) Benzene	8.612	78	416635	21.793	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	60487	19.669	ug/l	90
42) 1,2-Dichloroethane	8.682	62	142211	20.478	ug/l	97
43) Isopropyl Acetate	8.694	43	182916	19.393	ug/l	95
44) Trichloroethene	9.353	130	113638	23.475	ug/l	93
45) 1,2-Dichloropropane	9.629	63	104270	21.382	ug/l	98
46) Dibromomethane	9.718	93	75849	21.737	ug/l	96
47) Bromodichloromethane	9.894	83	143446	21.472	ug/l	96
48) Methyl methacrylate	9.688	41	87527	19.573	ug/l	86
49) 1,4-Dioxane	9.700	88	34911	413.341	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	553149	98.664	ug/l	93
52) Toluene	10.635	92	264841	22.252	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	138808	19.621	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	151247	19.400	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	103757	21.956	ug/l	96
56) Ethyl methacrylate	10.882	69	142566	19.952	ug/l	92
57) 1,3-Dichloropropane	11.170	76	171206	21.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	290566	82.659	ug/l	93
59) 2-Hexanone	11.200	43	379638	91.549	ug/l	95
60) Dibromochloromethane	11.365	129	106745	21.880	ug/l	100
61) 1,2-Dibromoethane	11.476	107	102900	21.826	ug/l	99
64) Tetrachloroethene	11.112	164	105648	25.625	ug/l	98
65) Chlorobenzene	11.900	112	280635	21.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	103924	23.500	ug/l	99
67) Ethyl Benzene	11.970	91	506048	22.095	ug/l	96
68) m/p-Xylenes	12.076	106	387083	44.603	ug/l	99
69) o-Xylene	12.406	106	188327	22.066	ug/l	98
70) Styrene	12.417	104	299086	22.060	ug/l	100
71) Bromoform	12.582	173	64529	21.935	ug/l #	99
73) Isopropylbenzene	12.700	105	490630	23.851	ug/l	100
74) N-amyl acetate	12.500	43	140857	18.525	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	134938	21.323	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	121778m	20.377	ug/l	
77) Bromobenzene	12.988	156	106306	22.646	ug/l	97
78) n-propylbenzene	13.041	91	542371	22.365	ug/l	99
79) 2-Chlorotoluene	13.129	91	331796	22.928	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	414165	23.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32994	17.647	ug/l	87
82) 4-Chlorotoluene	13.229	91	315575	21.918	ug/l	99
83) tert-Butylbenzene	13.447	119	352369	23.347	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	406325	23.897	ug/l	99
85) sec-Butylbenzene	13.623	105	486988	22.704	ug/l	99
86) p-Isopropyltoluene	13.735	119	404707	23.667	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	187743	21.626	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	180079	20.903	ug/l	99
89) n-Butylbenzene	14.064	91	319732	20.328	ug/l	98
90) Hexachloroethane	14.341	117	66000	23.494	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	188494	23.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22428	18.306	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	74113	15.638	ug/l	98
94) Hexachlorobutadiene	15.511	225	38369	19.498	ug/l	99
95) Naphthalene	15.647	128	222725	13.653	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	78963	17.017	ug/l	99

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Sample : VN0524MBSD02
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02

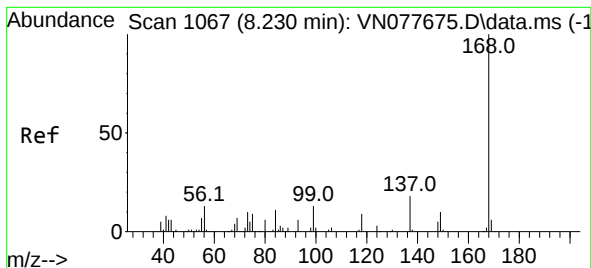
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:46:06 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



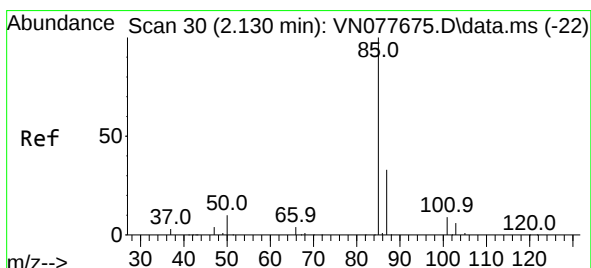
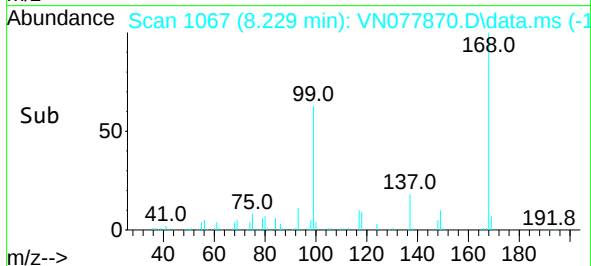
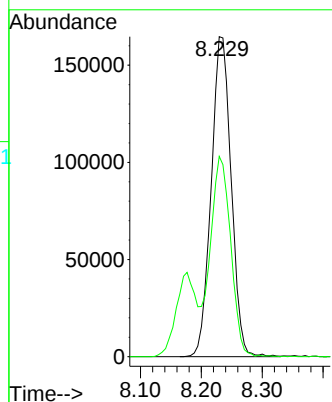
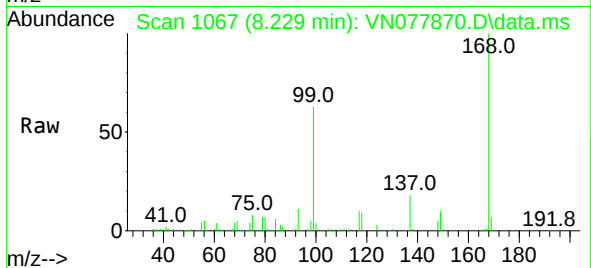
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:168 Resp: 375229
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6

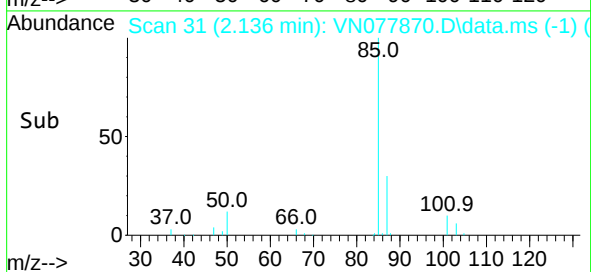
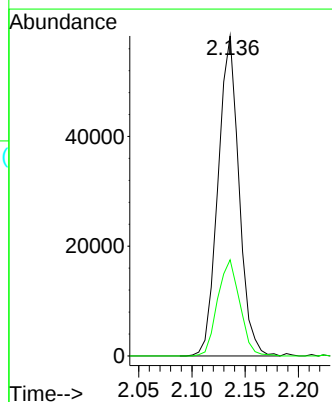
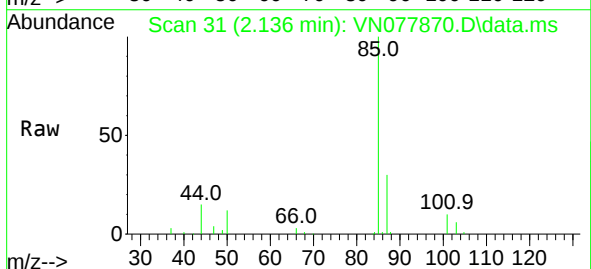
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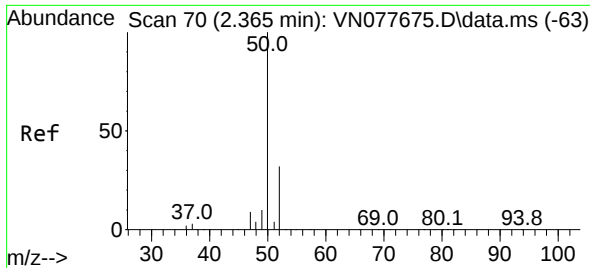
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 18.665 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

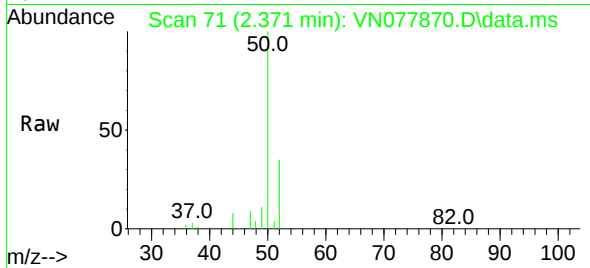
Tgt Ion: 85 Resp: 79708
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





#3
Chloromethane
Concen: 18.072 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

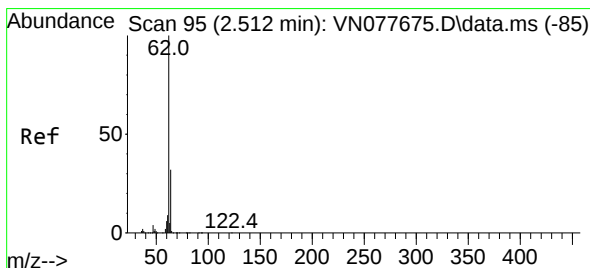
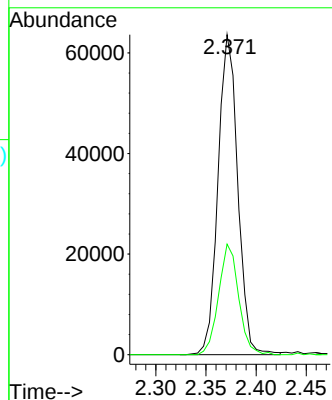
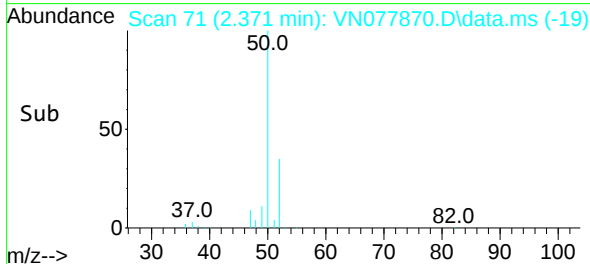
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 50 Resp: 8700
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

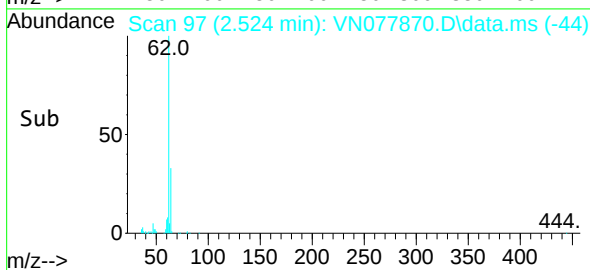
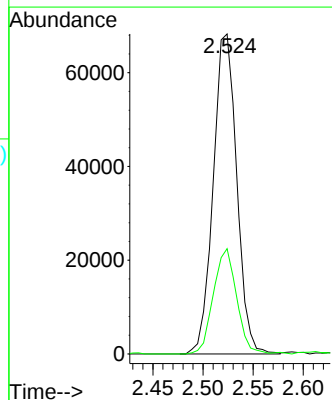
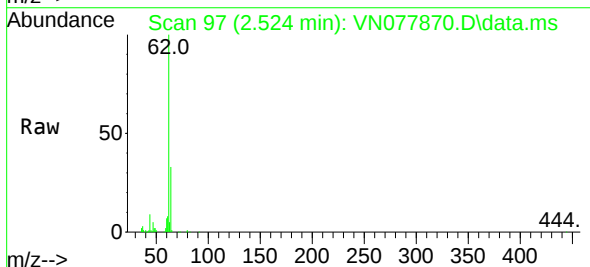
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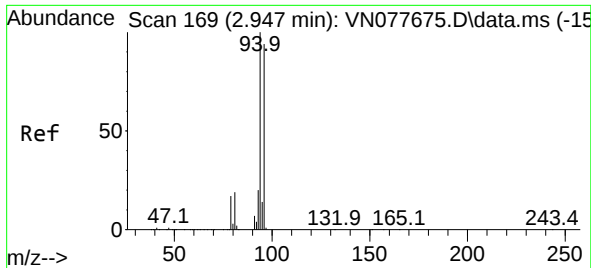
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 20.700 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

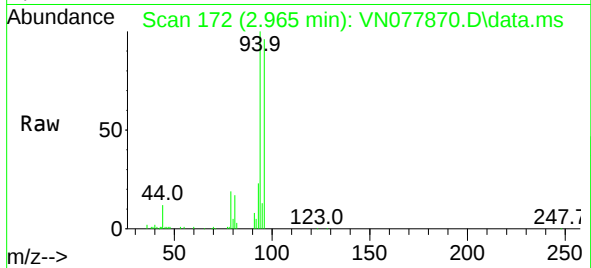
Tgt Ion: 62 Resp: 111451
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 21.078 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

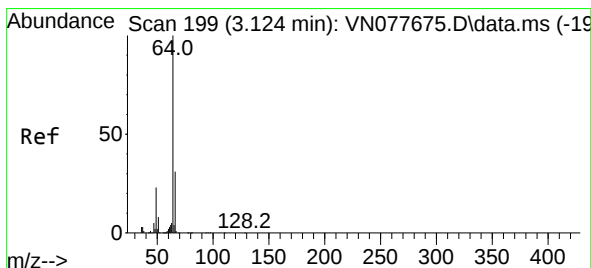
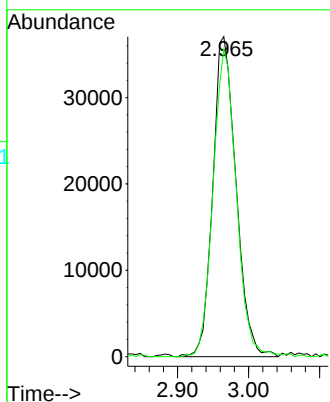
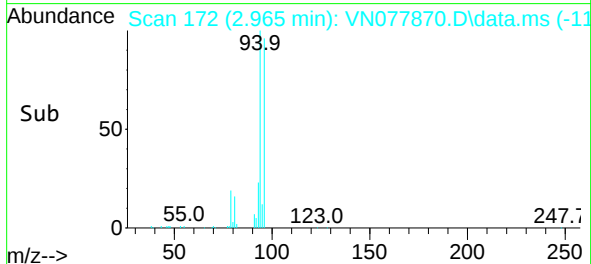
Instrument :
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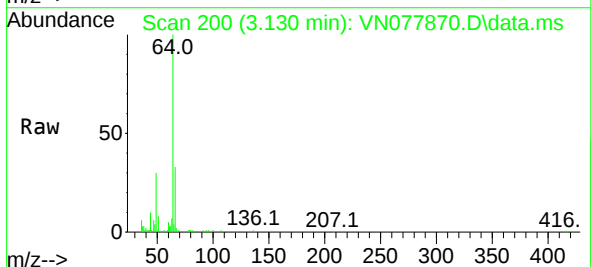
Tgt Ion: 94 Resp: 83930
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7

Manual Integrations
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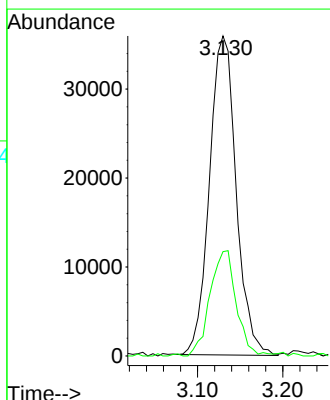
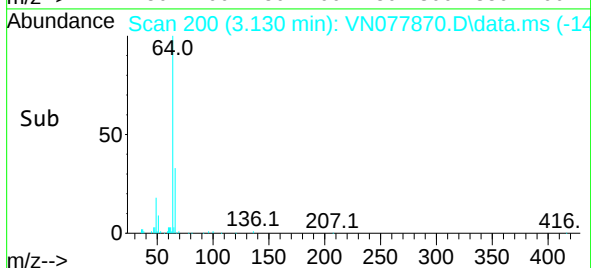
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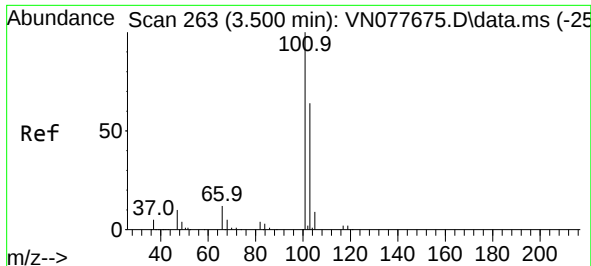


#6
Chloroethane
Concen: 20.142 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion: 64 Resp: 78152
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





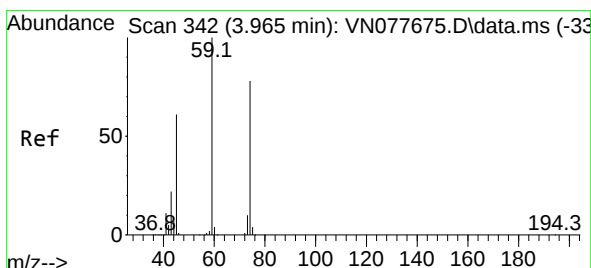
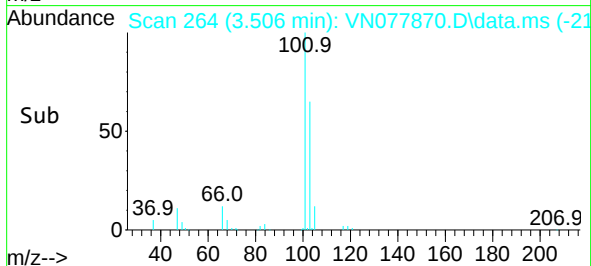
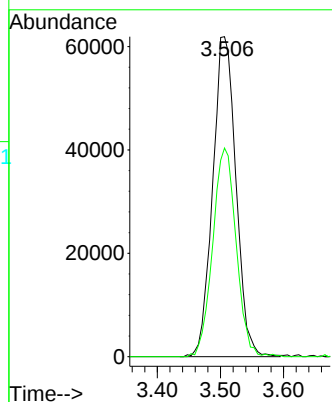
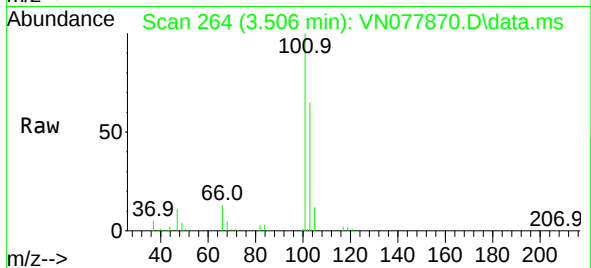
#7
Trichlorofluoromethane
Concen: 21.097 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:101 Resp: 158294
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

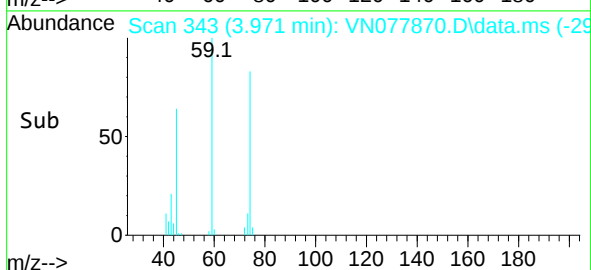
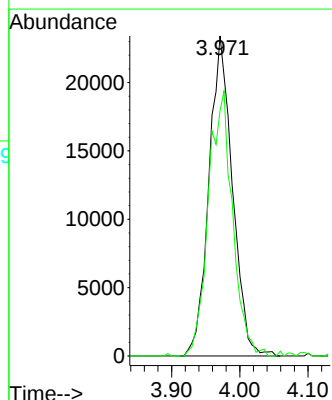
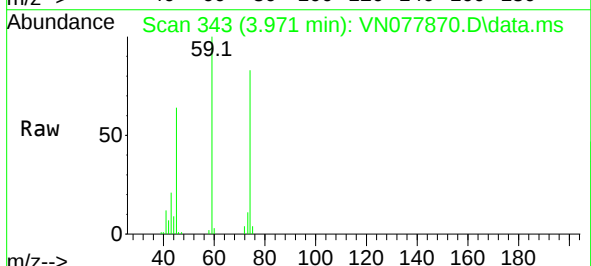
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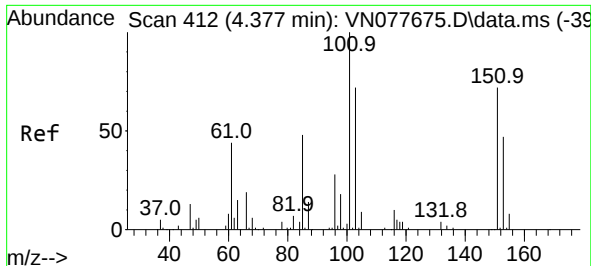
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 20.507 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Tgt Ion: 74 Resp: 56172
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





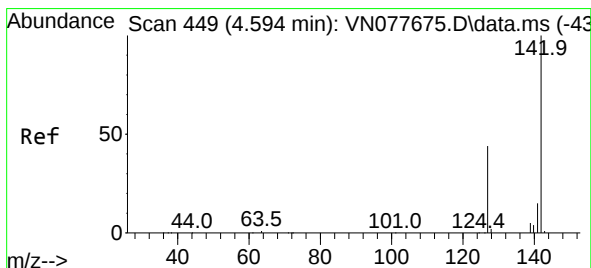
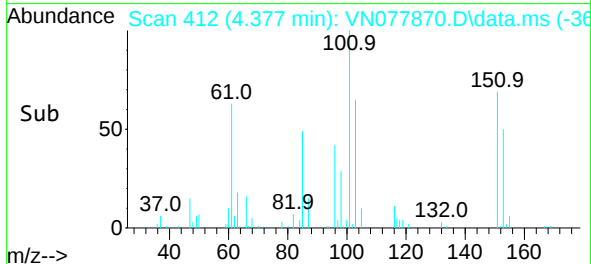
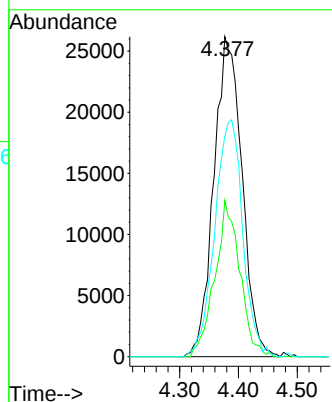
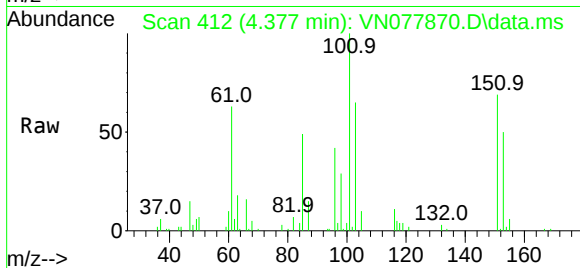
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.968 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion:101 Resp: 8706
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 73.9 57.6 86.4

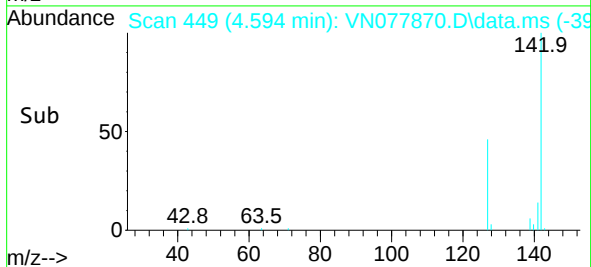
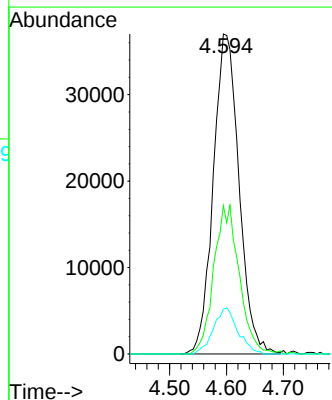
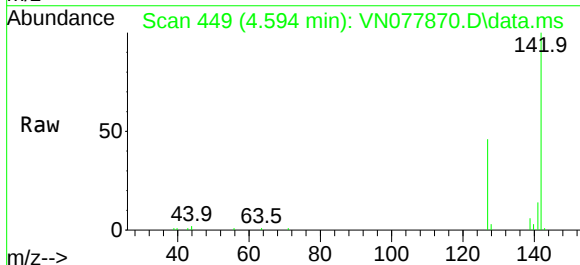
Manual Integrations
APPROVED

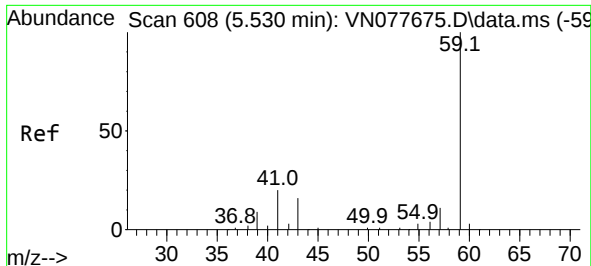
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 23.527 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

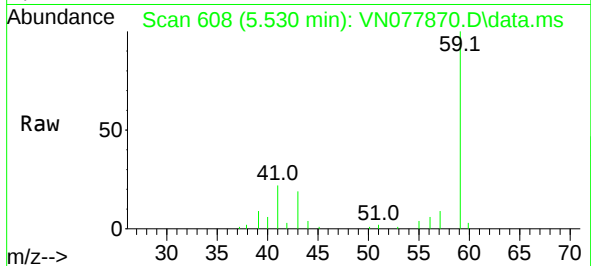
Tgt Ion:142 Resp: 116509
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.573 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

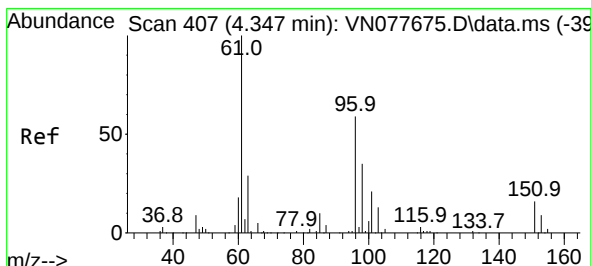
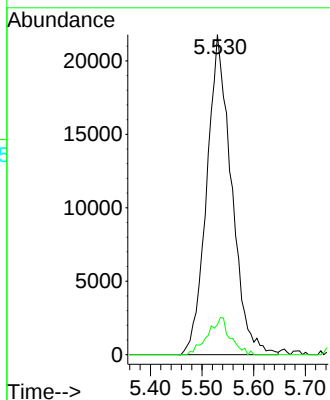
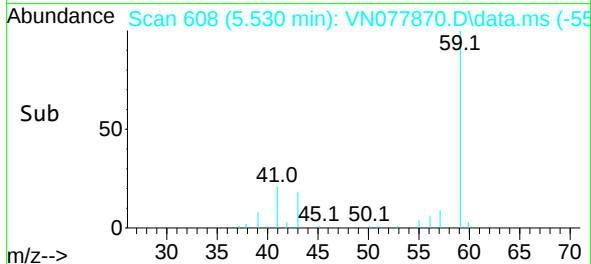
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



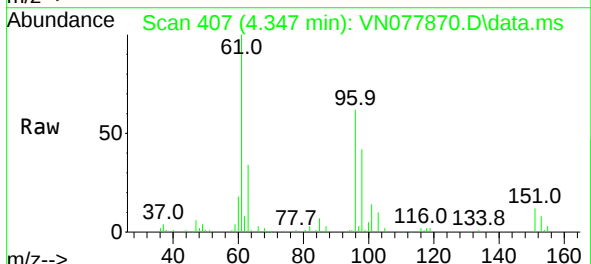
Tgt Ion: 59 Resp: 72504
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

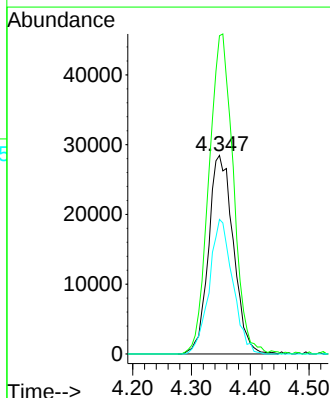
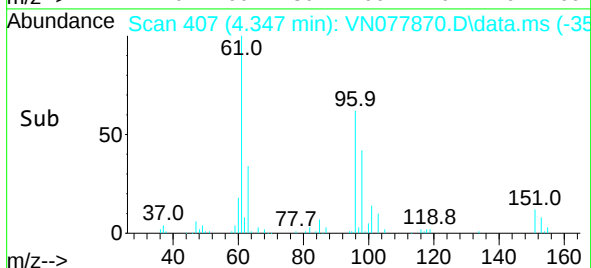
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

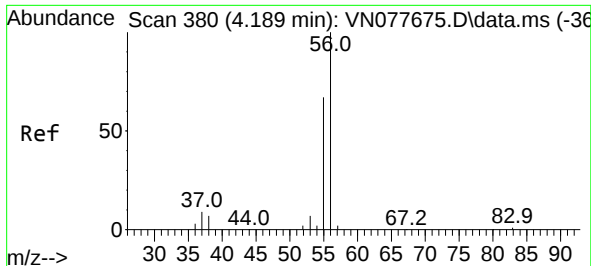


#12
1,1-Dichloroethene
Concen: 21.139 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



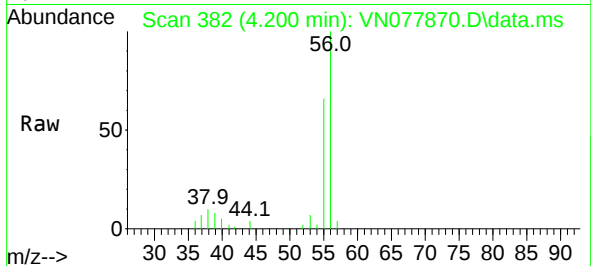
Tgt Ion: 96 Resp: 83425
Ion Ratio Lower Upper
96 100
61 160.3 112.7 169.1
98 67.8 51.2 76.8





#13
Acrolein
Concen: 51.610 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

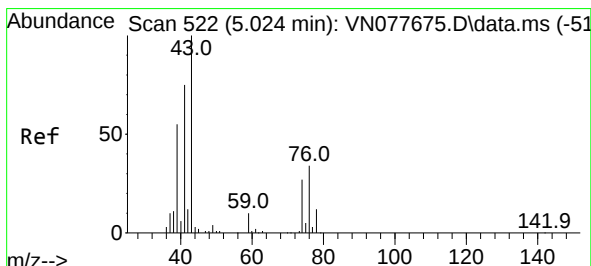
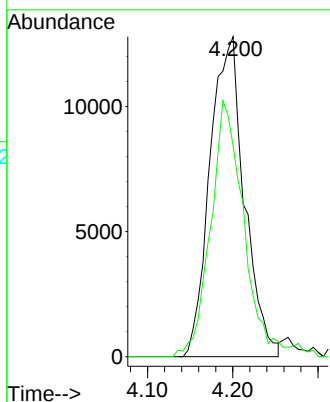
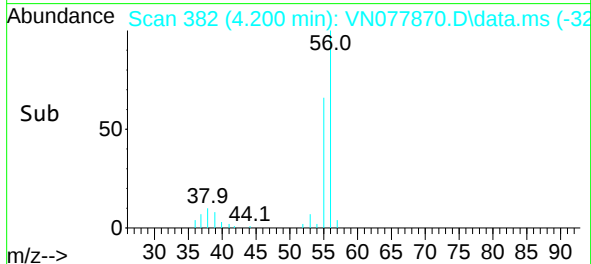
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



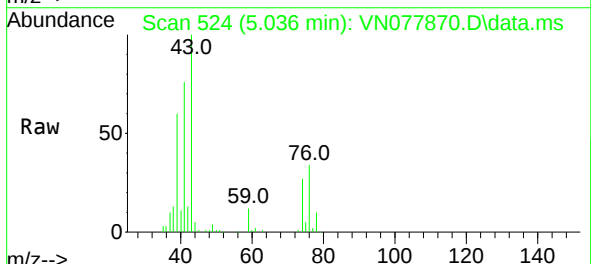
Tgt Ion: 56 Resp: 35869
Ion Ratio Lower Upper
56 100
55 76.5 54.5 81.7

Manual Integrations
APPROVED

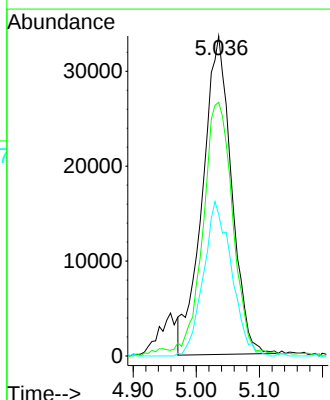
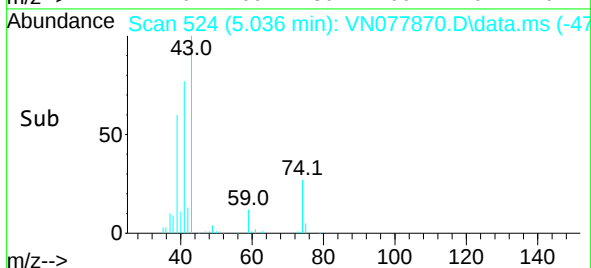
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

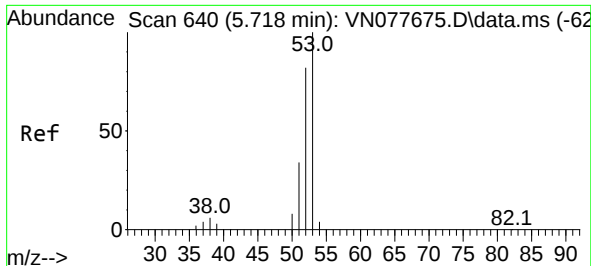


#14
Allyl chloride
Concen: 18.458 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



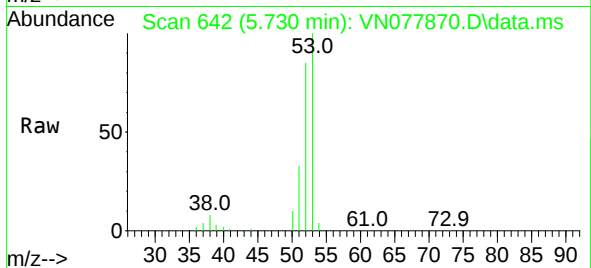
Tgt Ion: 41 Resp: 107011
Ion Ratio Lower Upper
41 100
39 80.9 58.8 88.2
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 96.551 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

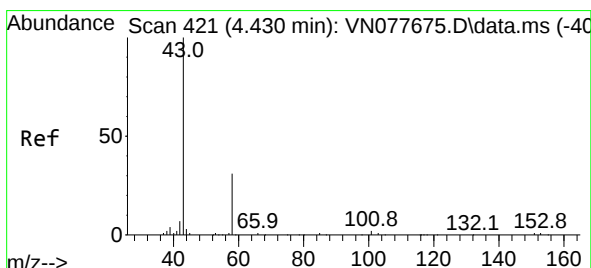
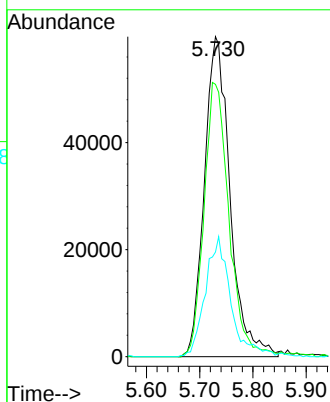
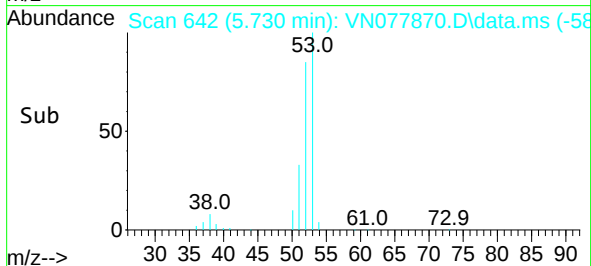
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



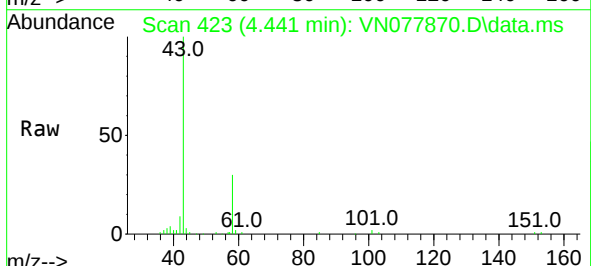
Tgt Ion: 53 Resp: 199868
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.1 28.9 43.3

Manual Integrations
APPROVED

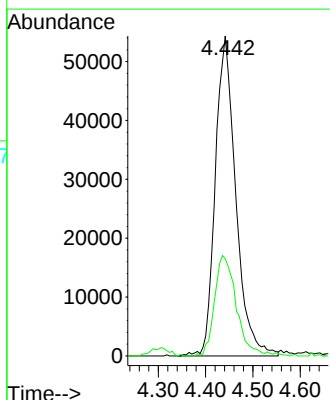
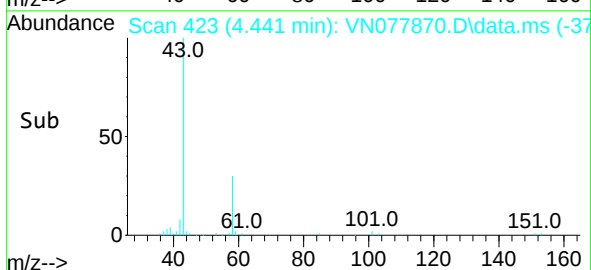
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

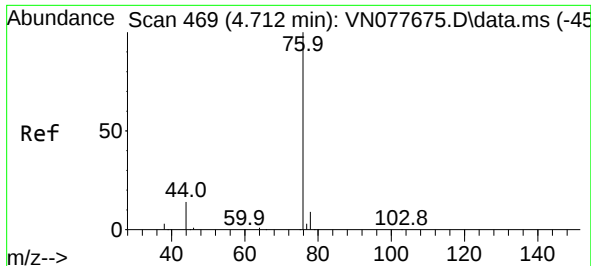


#16
Acetone
Concen: 92.520 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion: 43 Resp: 163423
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





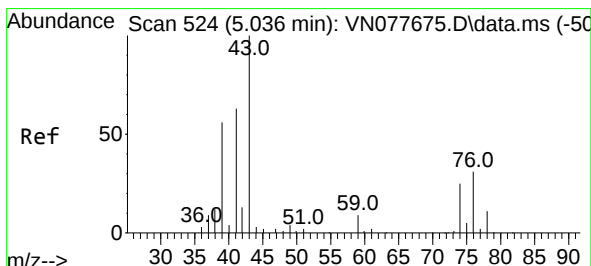
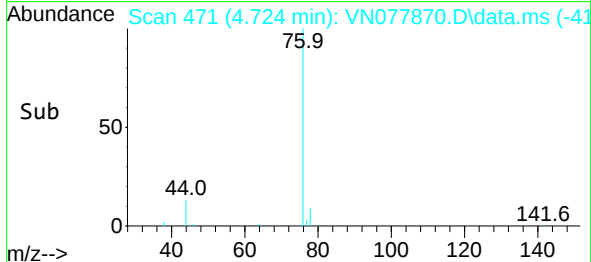
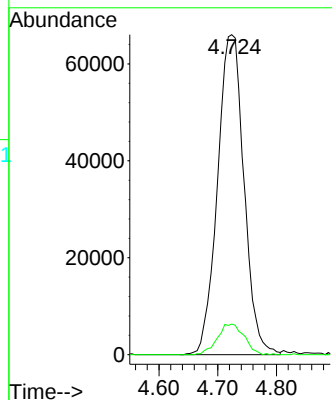
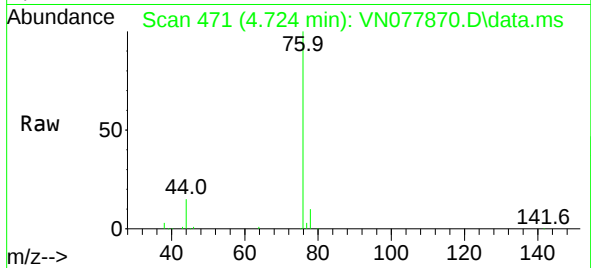
#17
Carbon Disulfide
Concen: 19.412 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02

Tgt Ion: 76 Resp: 20642
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

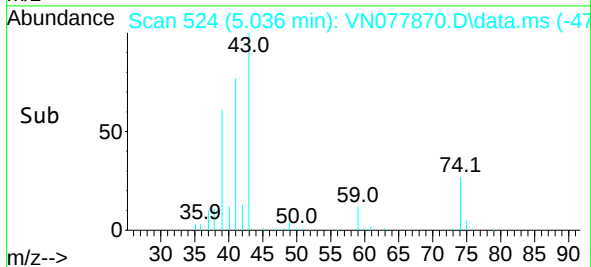
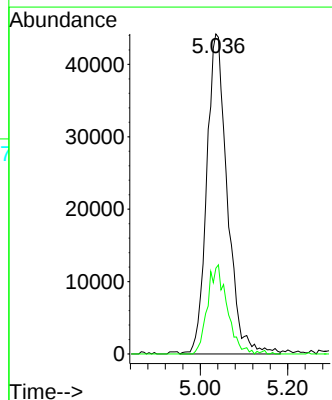
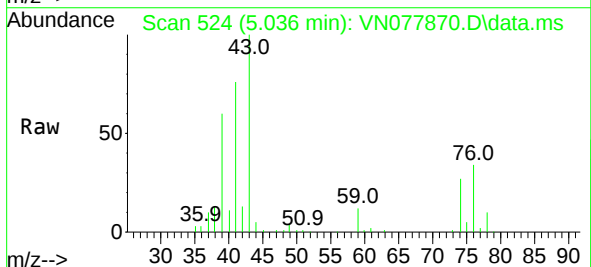
Manual Integrations
APPROVED

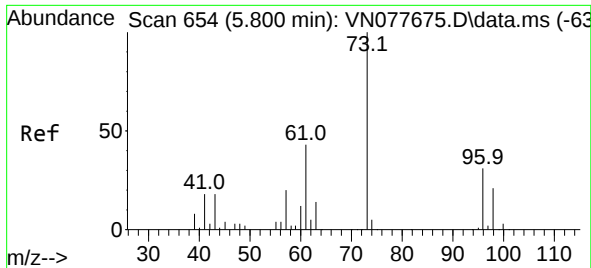
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 19.571 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Tgt Ion: 43 Resp: 145027
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4





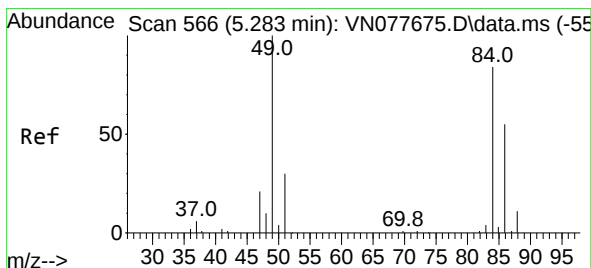
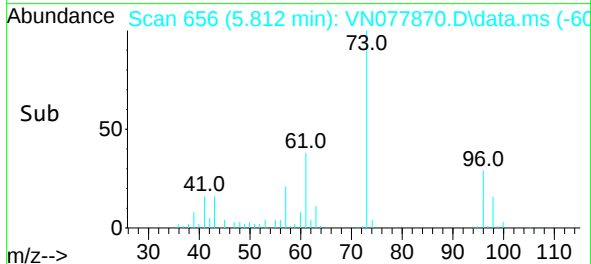
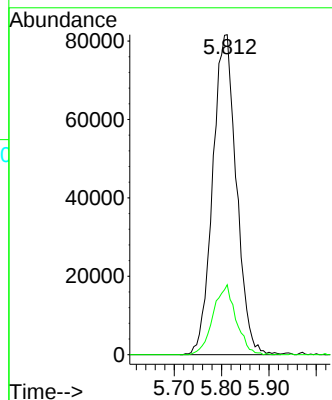
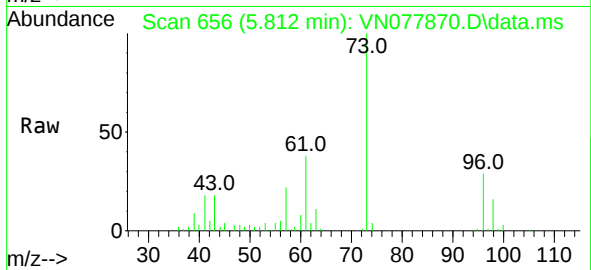
#19
Methyl tert-butyl Ether
Concen: 19.867 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 73 Resp: 28380
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

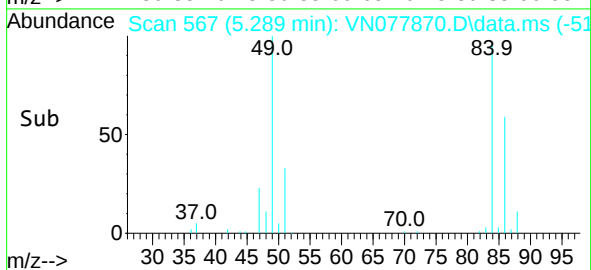
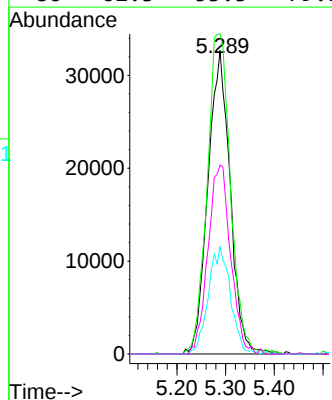
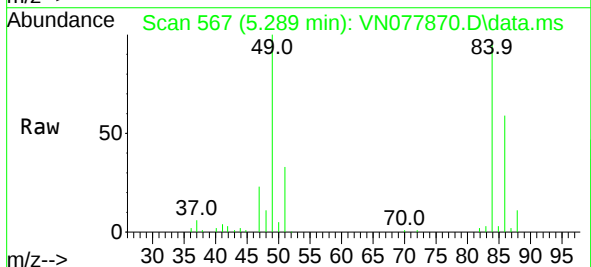
Manual Integrations
APPROVED

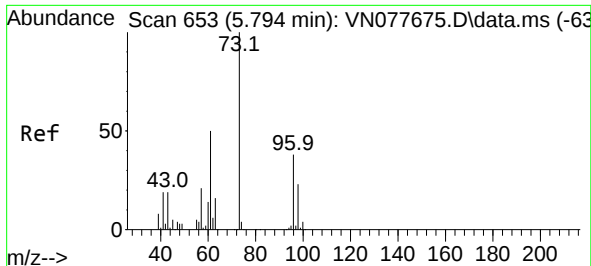
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 21.414 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

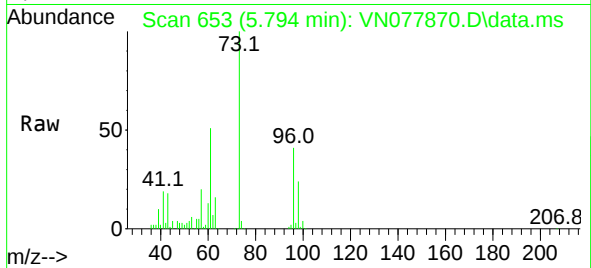
Tgt Ion: 84 Resp: 103644
Ion Ratio Lower Upper
84 100
49 105.5 79.7 119.5
51 35.3 25.2 37.8
86 62.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.217 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

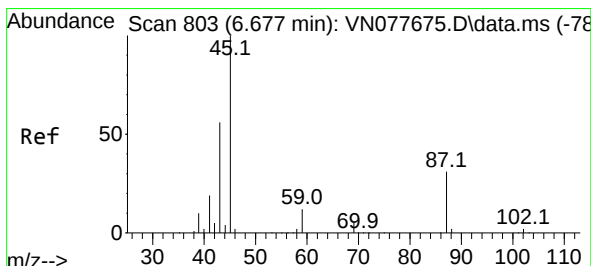
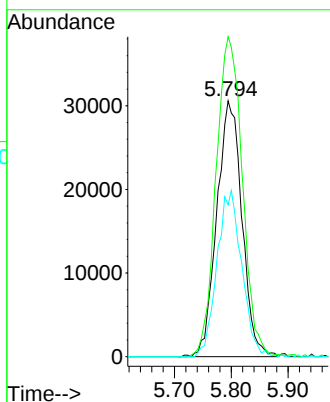
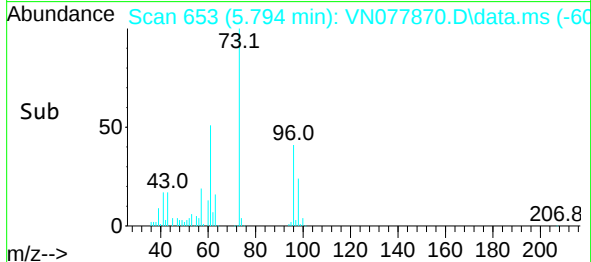
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



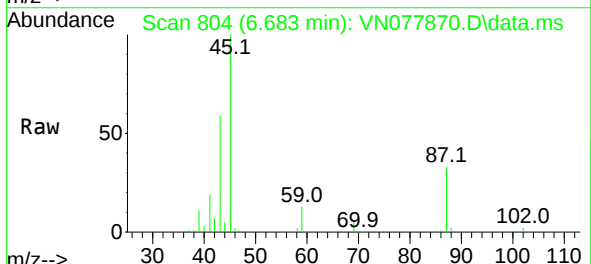
Tgt Ion: 96 Resp: 94059
Ion Ratio Lower Upper
96 100
61 125.1 90.1 135.1
98 59.3 46.4 69.6

Manual Integrations
APPROVED

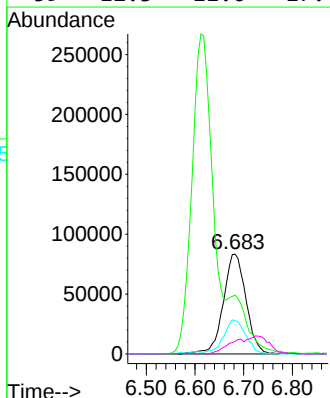
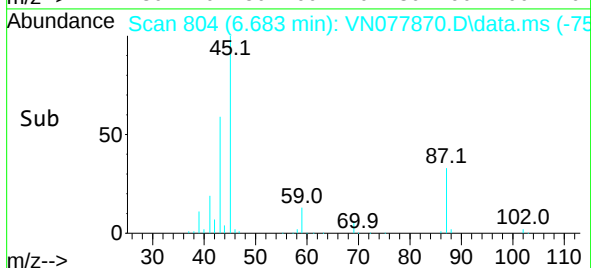
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

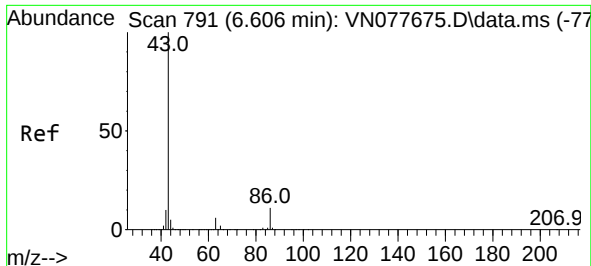


#22
Diisopropyl ether
Concen: 19.849 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



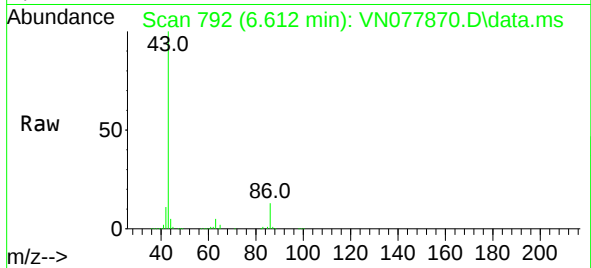
Tgt Ion: 45 Resp: 269741
Ion Ratio Lower Upper
45 100
43 57.1 45.5 68.3
87 33.3 31.8 47.8
59 12.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 94.540 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36

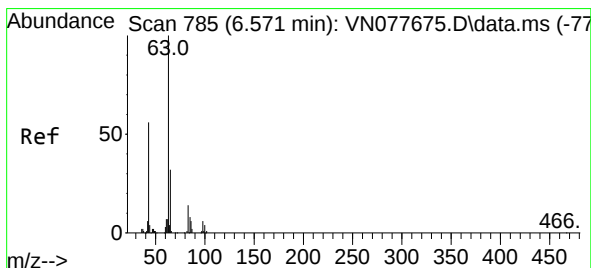
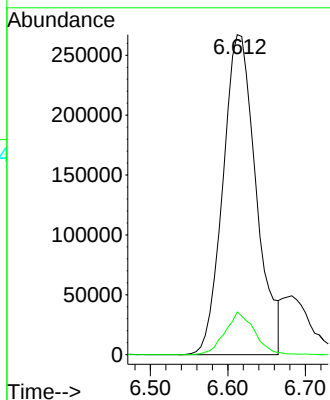
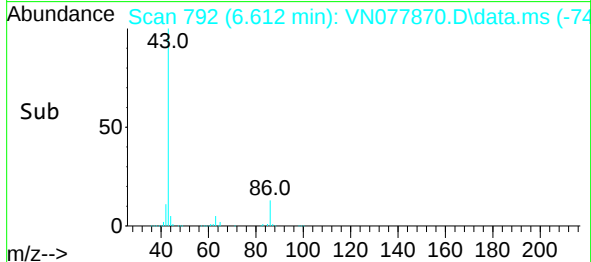
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02



Tgt Ion: 43 Resp: 795997
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

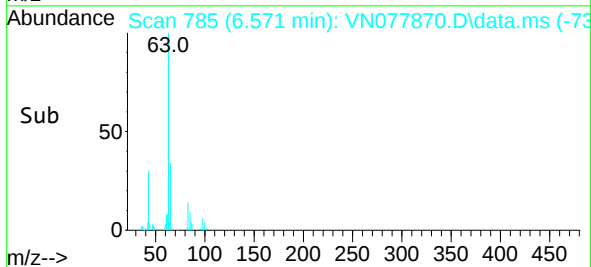
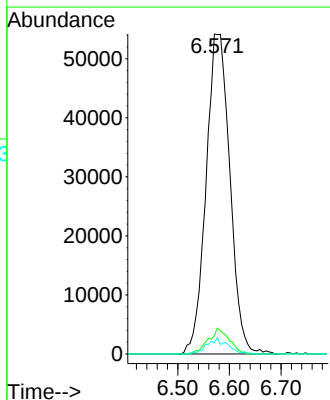
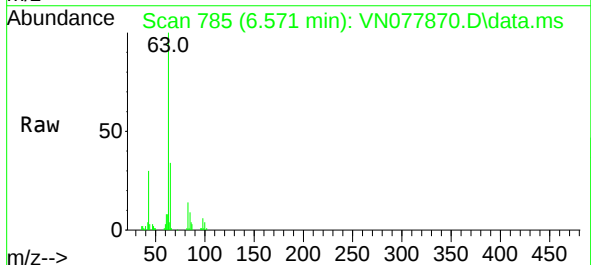
Manual Integrations
 APPROVED

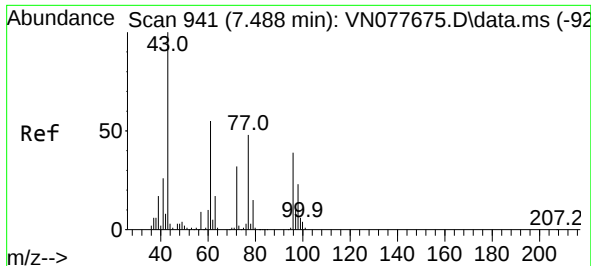
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 20.882 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36

Tgt Ion: 63 Resp: 173854
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 3.6 2.5 7.4





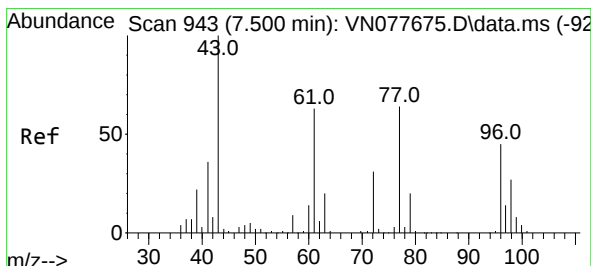
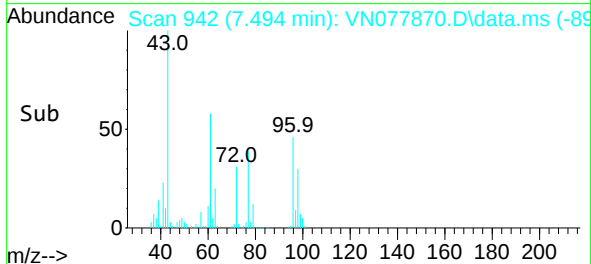
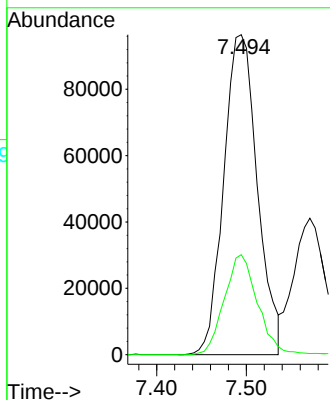
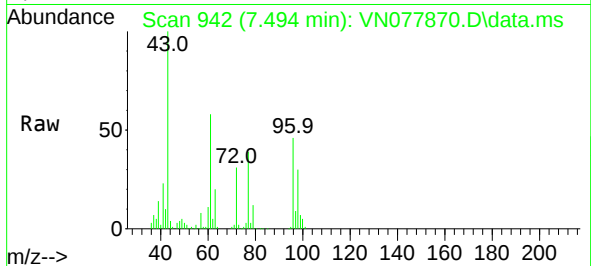
#25
2-Butanone
Concen: 91.106 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 43 Resp: 251730
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

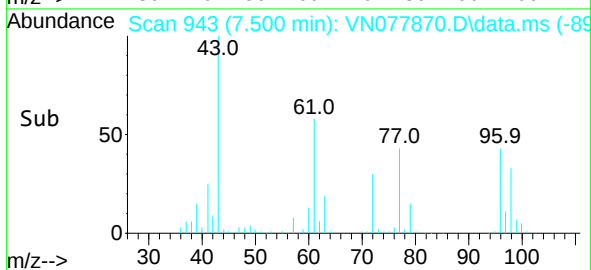
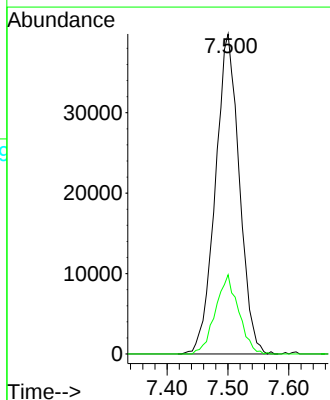
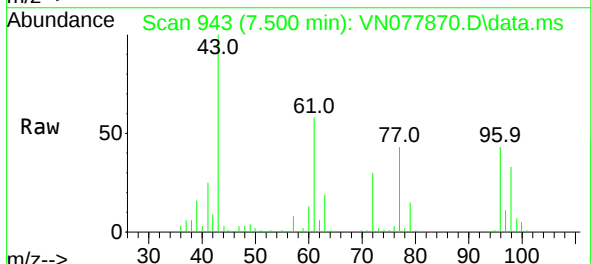
Manual Integrations
APPROVED

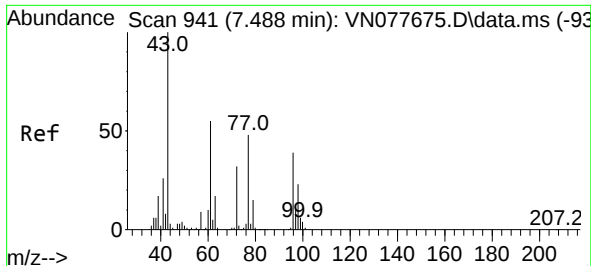
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 15.375 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

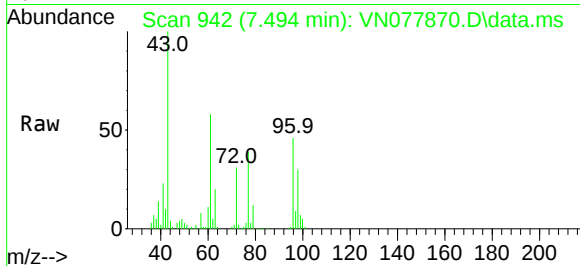
Tgt Ion: 77 Resp: 108746
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 21.181 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

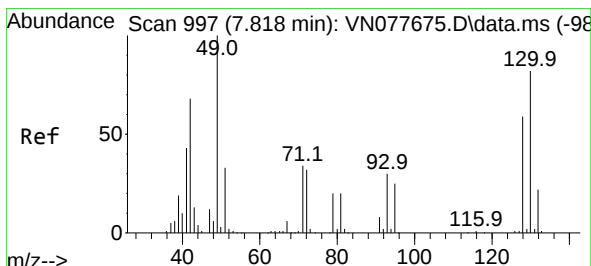
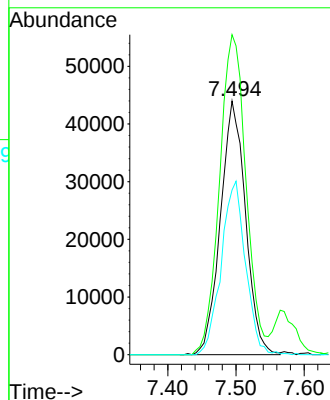
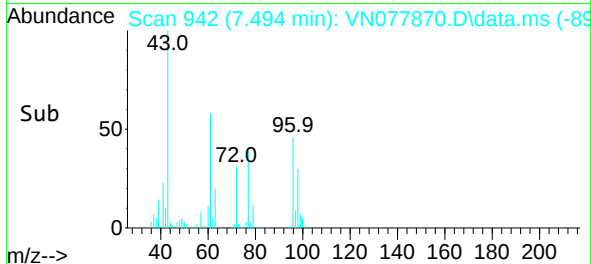
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 96 Resp: 11258
Ion Ratio Lower Upper
96 100
61 133.7 0.0 255.2
98 66.4 0.0 128.8

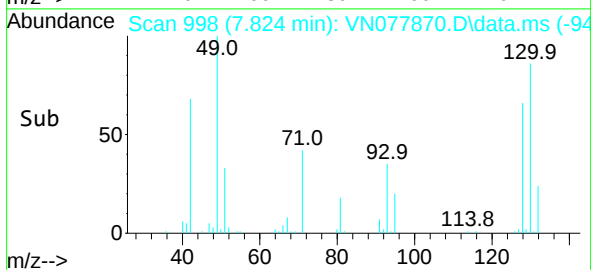
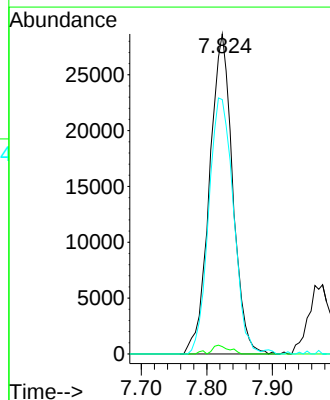
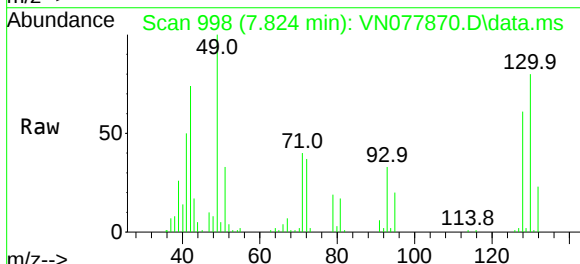
Manual Integrations
APPROVED

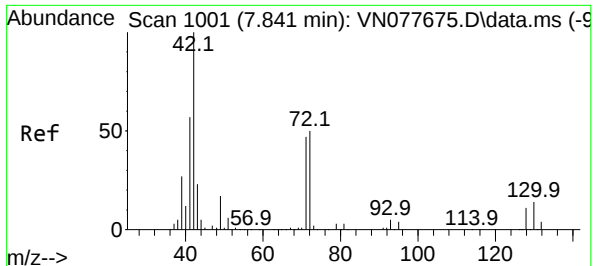
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#28
Bromochloromethane
Concen: 19.473 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Tgt Ion: 49 Resp: 70115
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 85.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.948 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 42 Resp: 16816

Ion Ratio Lower Upper

42 100

72 50.9 49.8 74.6

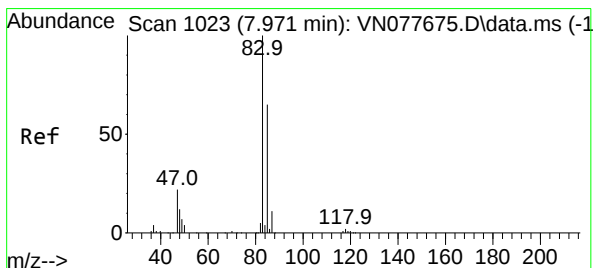
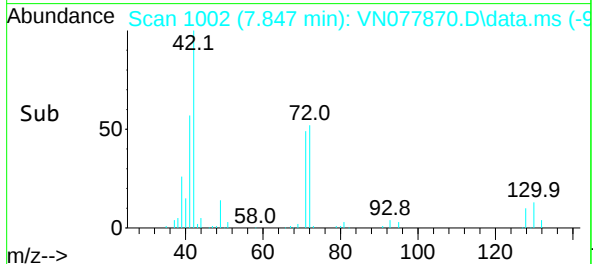
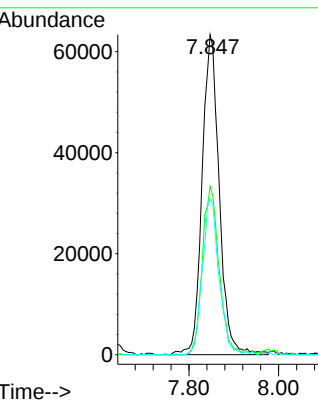
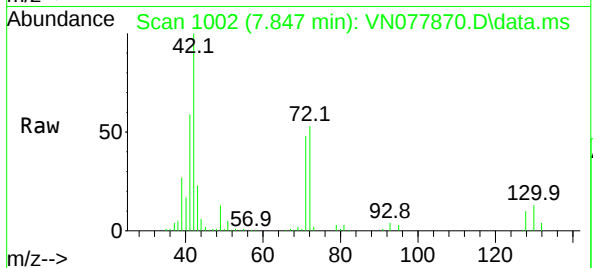
71 47.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 20.683 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077870.D

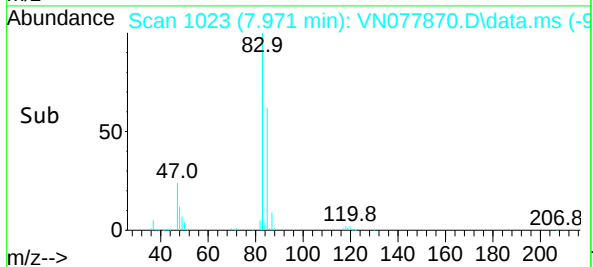
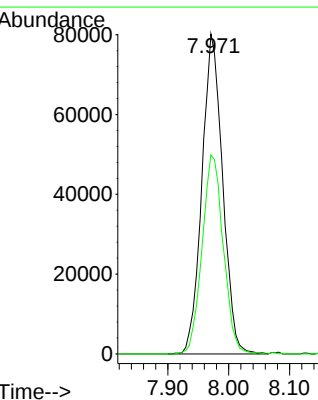
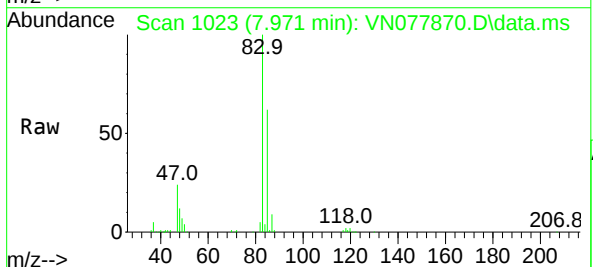
Acq: 25 May 2023 00:36

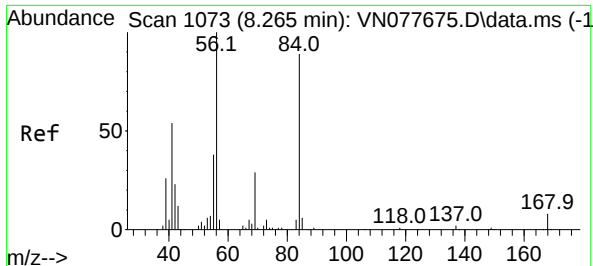
Tgt Ion: 83 Resp: 189419

Ion Ratio Lower Upper

83 100

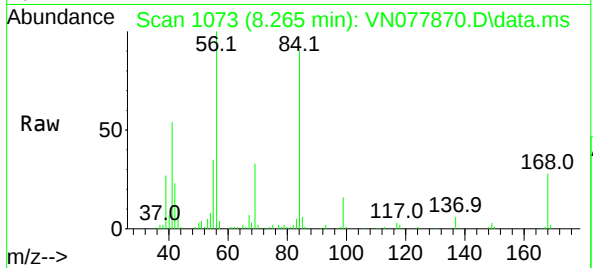
85 62.3 55.4 83.0





#31
Cyclohexane
Concen: 19.457 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

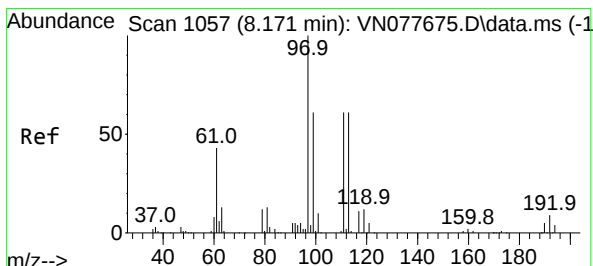
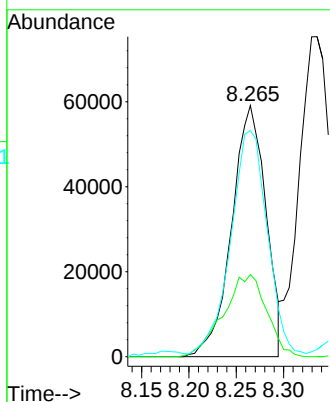
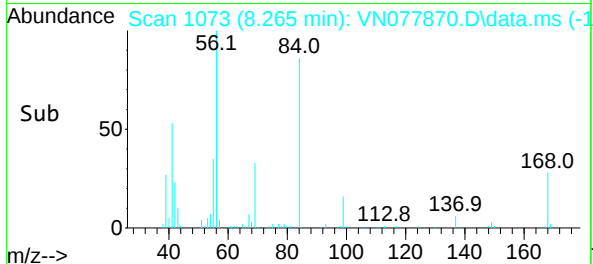
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



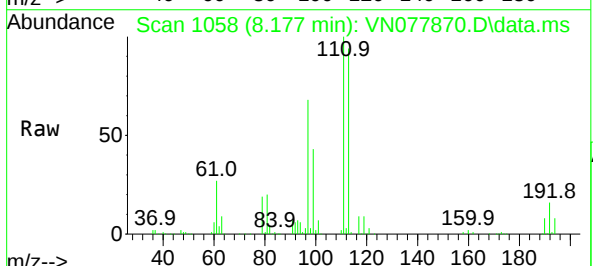
Tgt Ion: 56 Resp: 148472
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 88.2 81.8 122.6

Manual Integrations
APPROVED

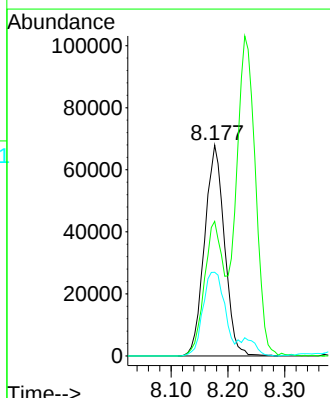
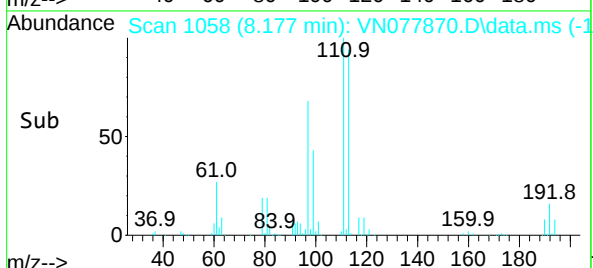
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

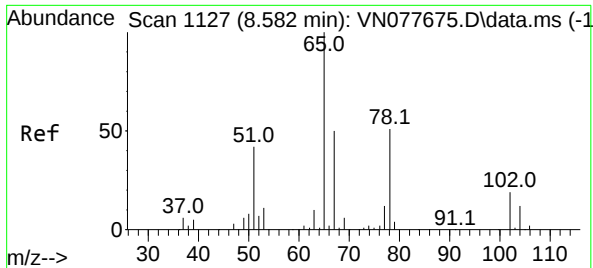


#32
1,1,1-Trichloroethane
Concen: 21.207 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion: 97 Resp: 165124
Ion Ratio Lower Upper
97 100
99 57.8 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 65 Resp: 275402

Ion Ratio Lower Upper

65 100

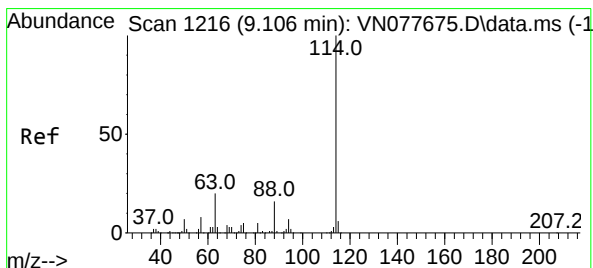
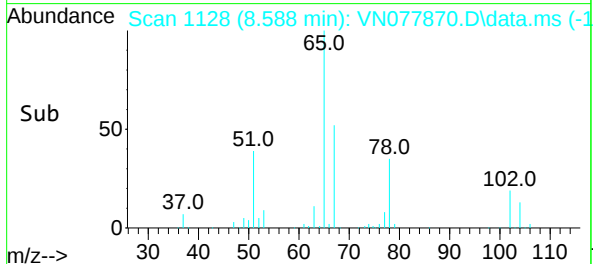
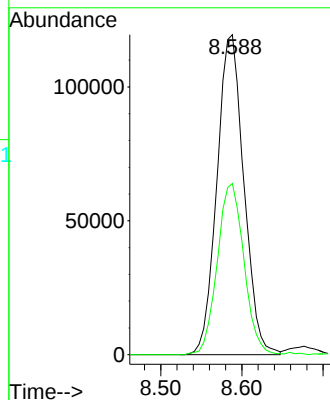
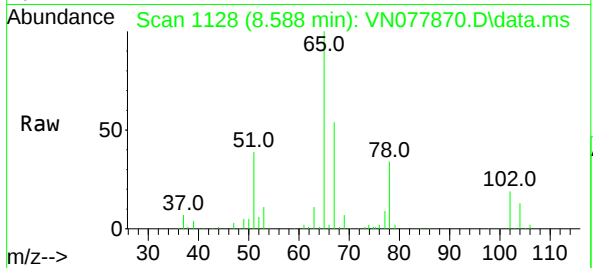
67 52.9 0.0 106.6

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: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

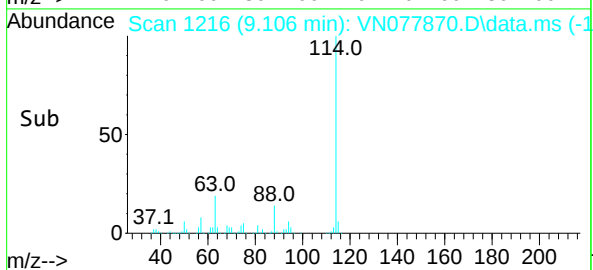
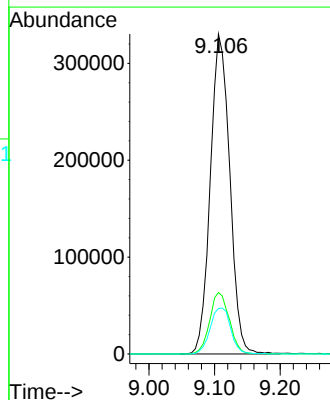
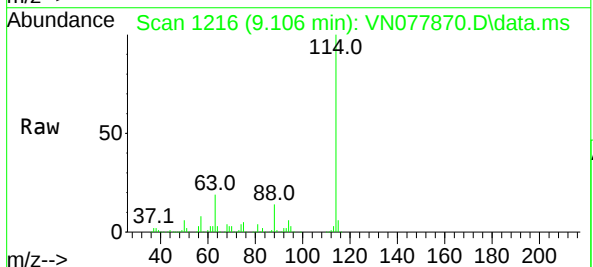
Tgt Ion:114 Resp: 679247

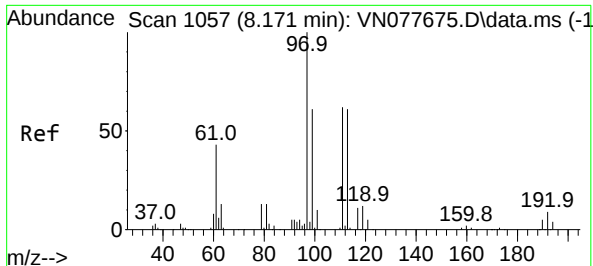
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 113 Resp: 23287

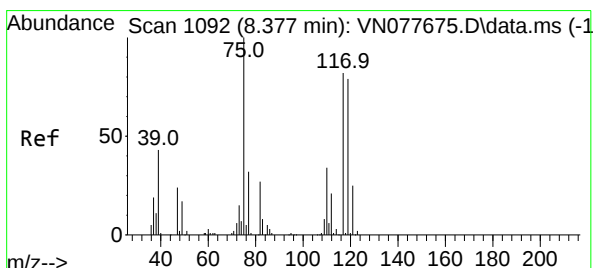
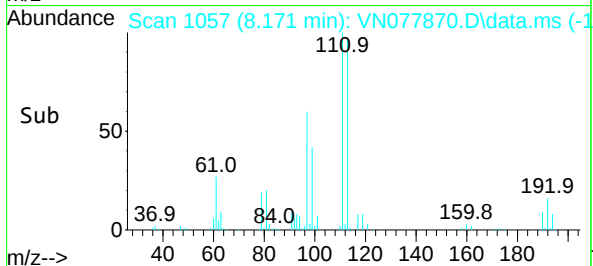
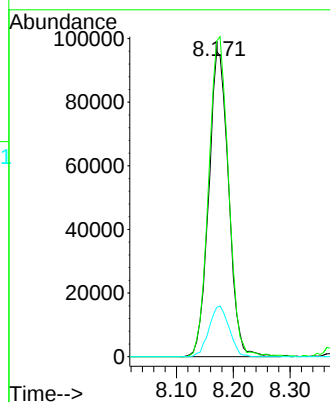
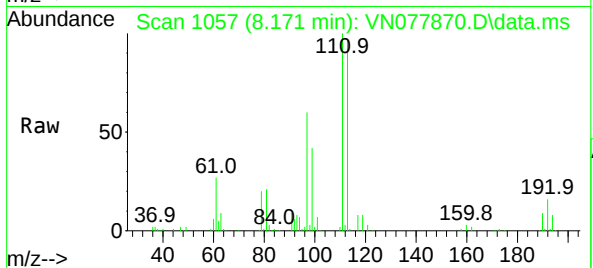
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 21.283 ug/l

RT: 8.382 min Scan# 1093

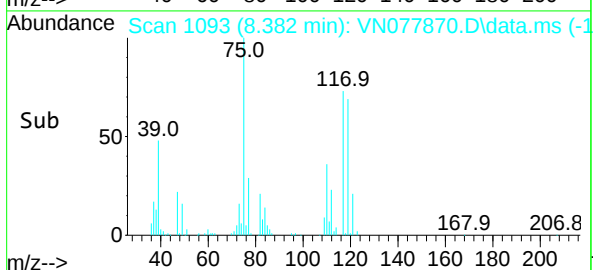
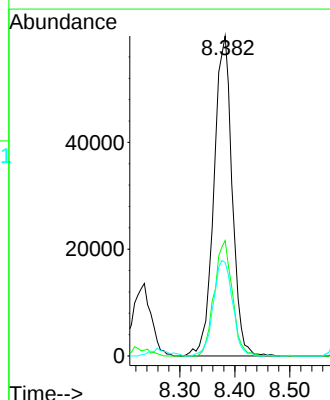
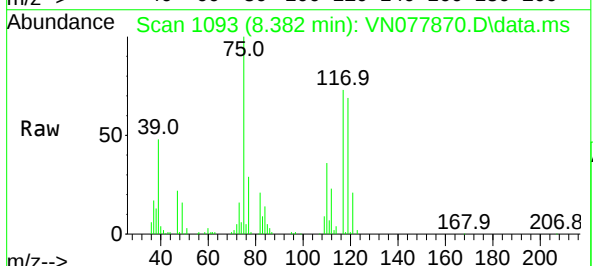
Delta R.T. 0.005 min

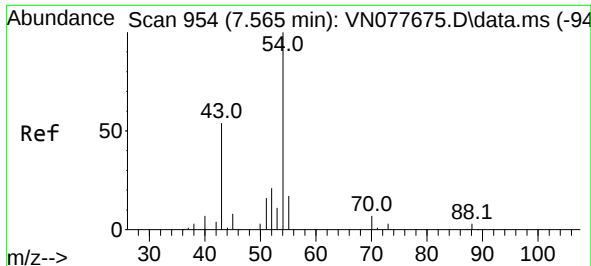
Lab File: VN077870.D

Acq: 25 May 2023 00:36

Tgt Ion: 75 Resp: 137885

Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.1	57.3
77	31.5	25.0	37.4





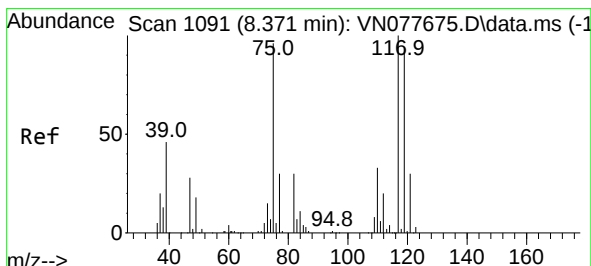
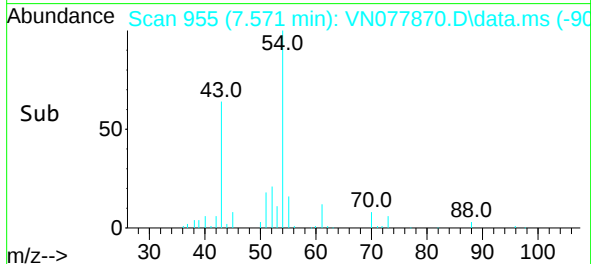
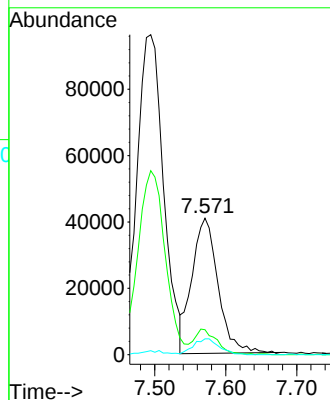
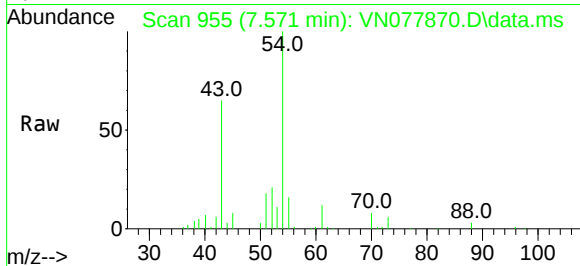
#37
Ethyl Acetate
Concen: 18.084 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02

Tgt Ion: 43 Resp: 10442
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 11.4 11.3 16.9

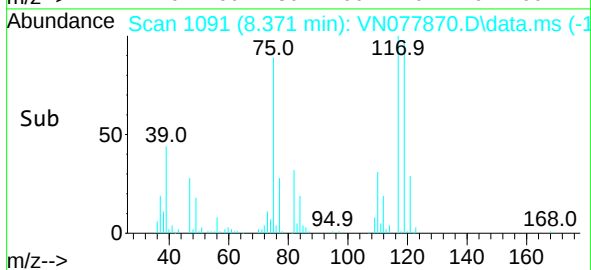
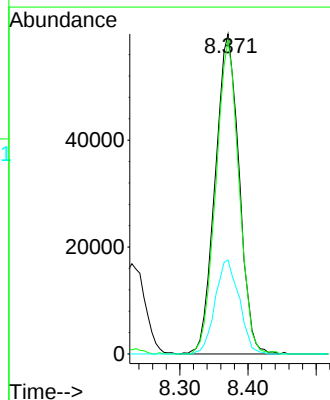
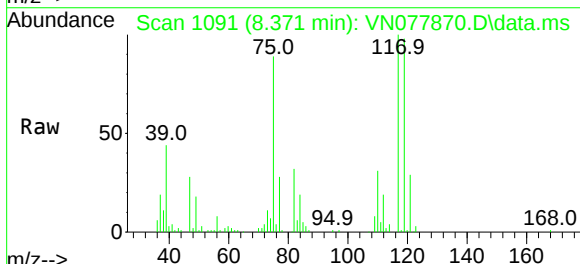
Manual Integrations
APPROVED

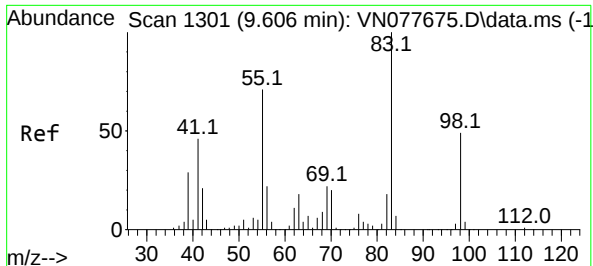
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 22.363 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Tgt Ion:117 Resp: 146296
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 20.520 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBSD02

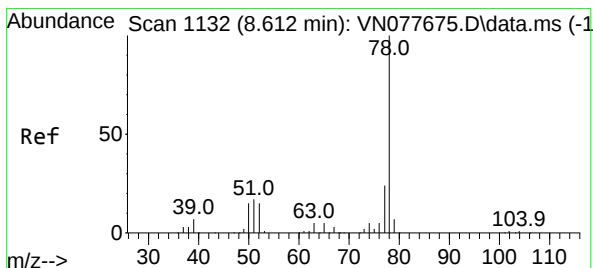
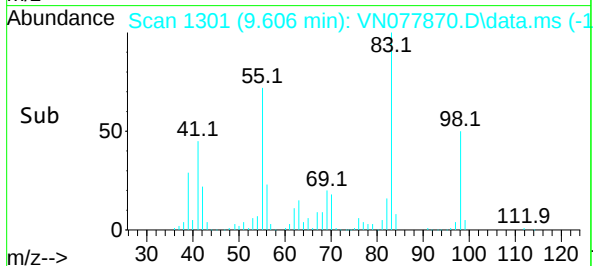
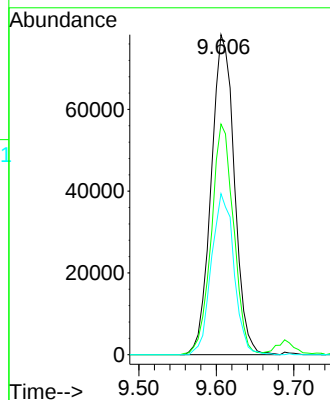
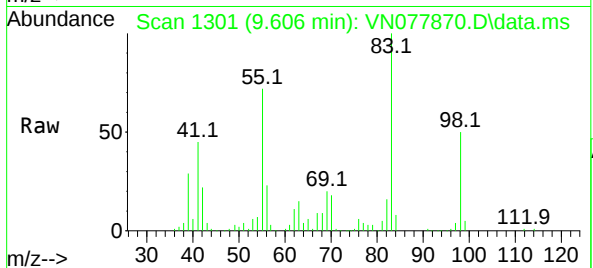
Tgt Ion: 83 Resp: 162749
 Ion Ratio Lower Upper
 83 100
 55 72.1 49.1 73.7
 98 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 21.793 ug/l

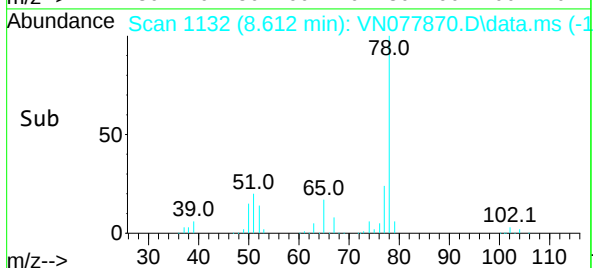
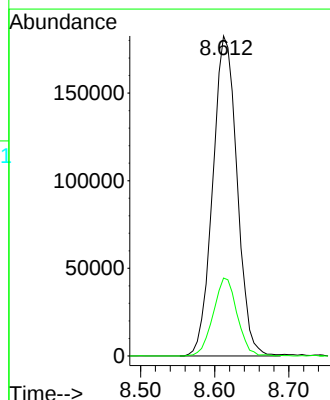
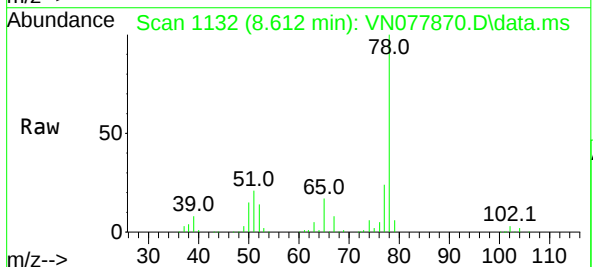
RT: 8.612 min Scan# 1132

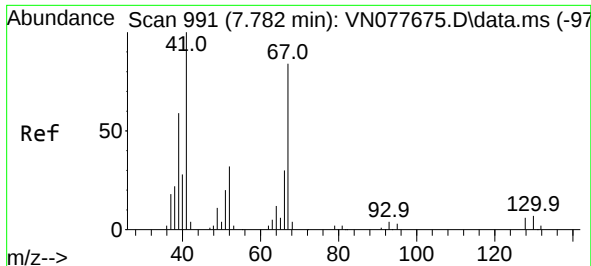
Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

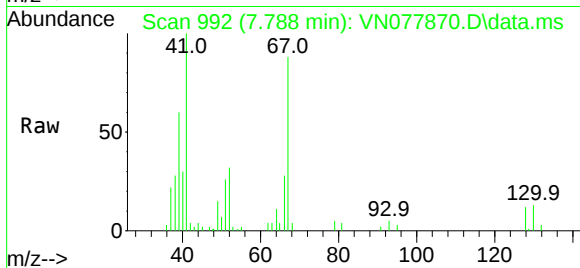
Tgt Ion: 78 Resp: 416635
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 19.669 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

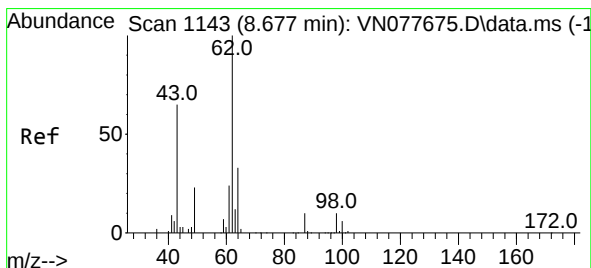
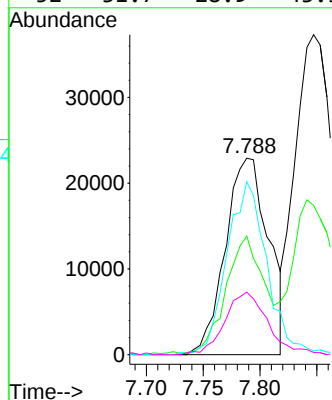
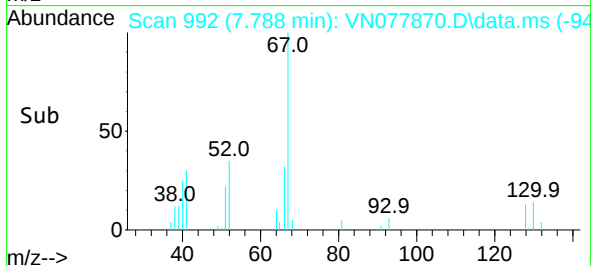
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



Tgt Ion:	41	Resp:	6048
Ion Ratio	100	Lower	Upper
39	51.9	42.6	64.0
67	81.9	77.5	116.3
52	31.7	28.9	43.3

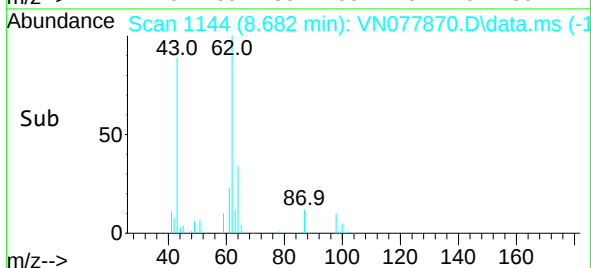
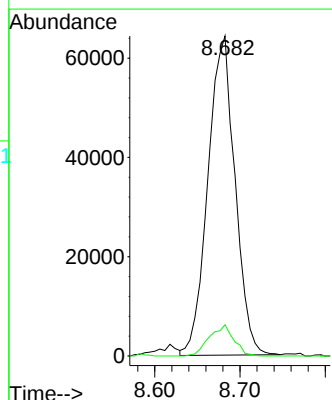
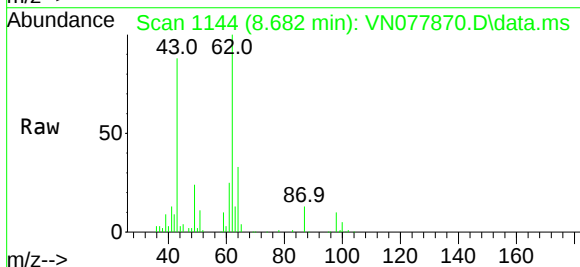
Manual Integrations
APPROVED

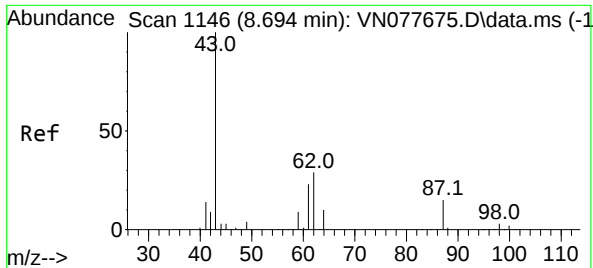
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 20.478 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

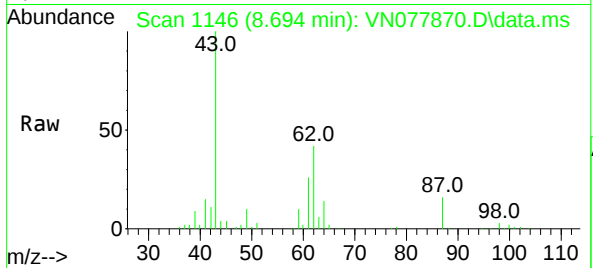
Tgt Ion:	62	Resp:	142211
Ion Ratio	100	Lower	Upper
98	8.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 19.393 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

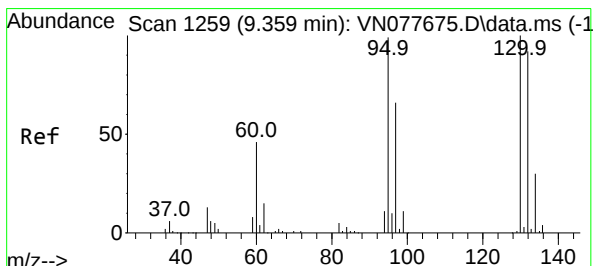
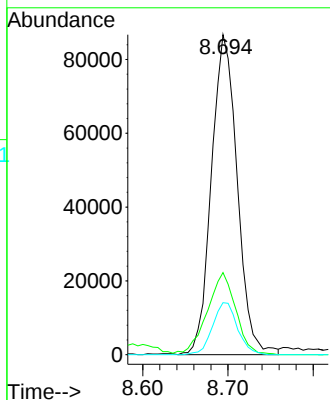
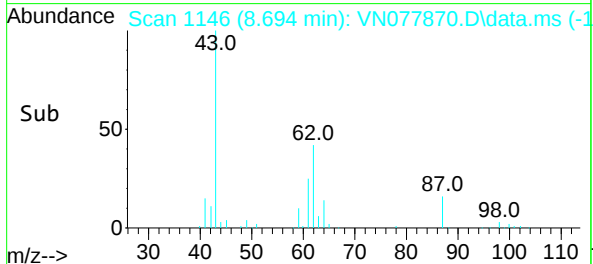
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



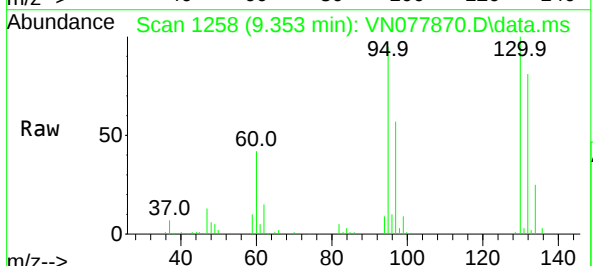
Tgt Ion: 43 Resp: 182910
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 15.7 14.6 21.8

Manual Integrations
APPROVED

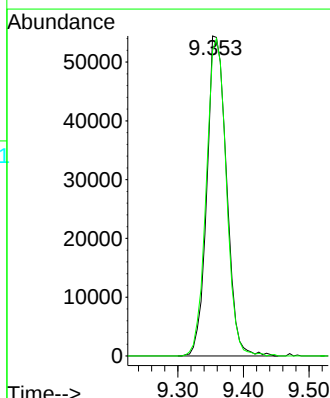
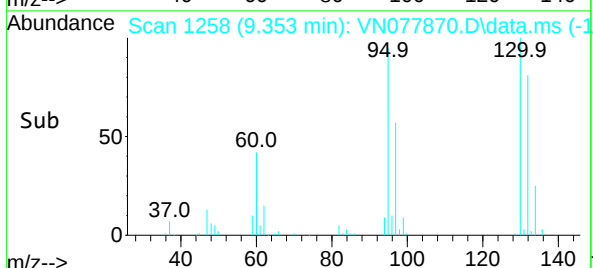
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

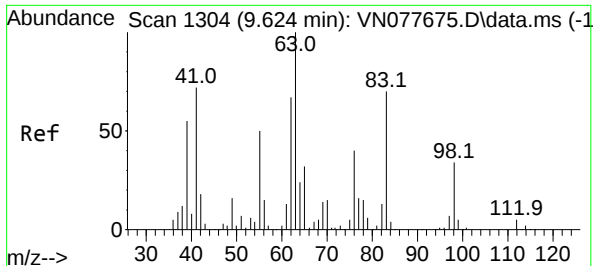


#44
Trichloroethene
Concen: 23.475 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion:130 Resp: 113638
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.382 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 63 Resp: 104270

Ion Ratio Lower Upper

63 100

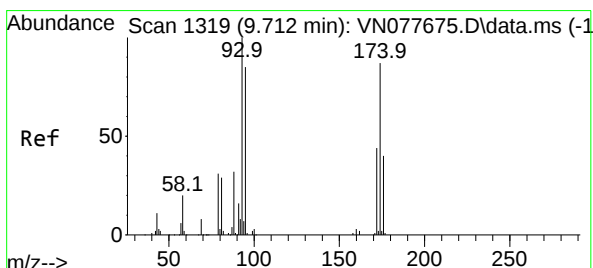
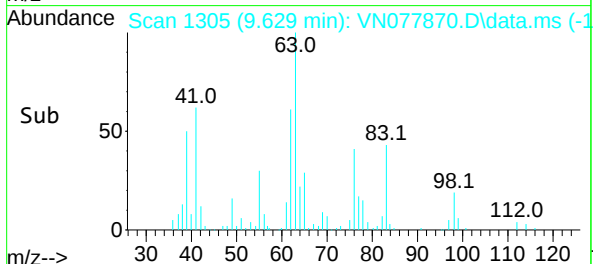
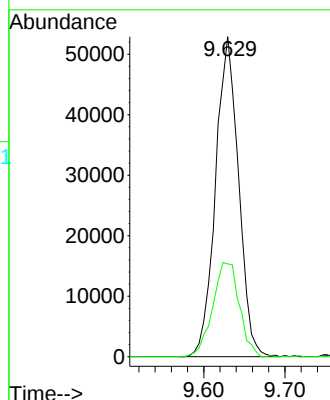
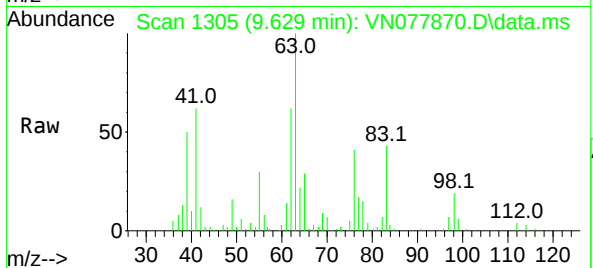
65 29.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 21.737 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

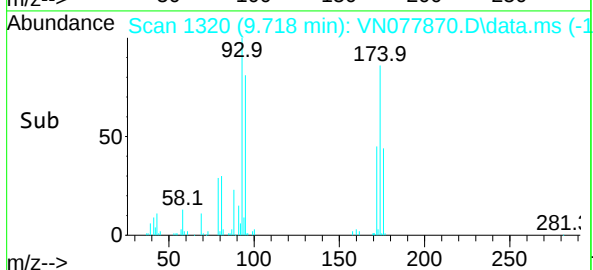
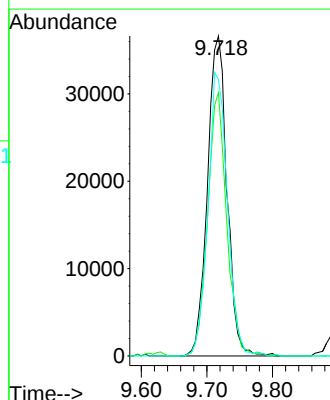
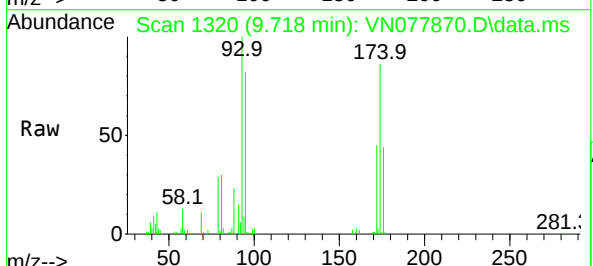
Tgt Ion: 93 Resp: 75849

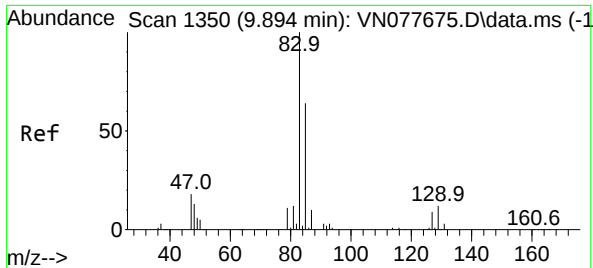
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

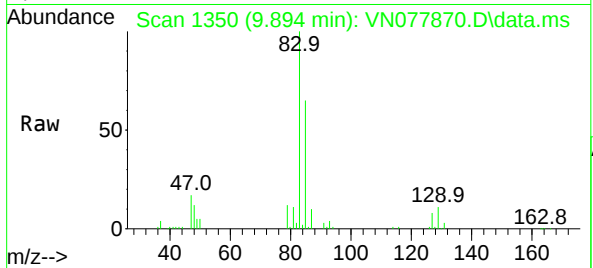
174 88.1 65.6 98.4





#47
Bromodichloromethane
Concen: 21.472 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

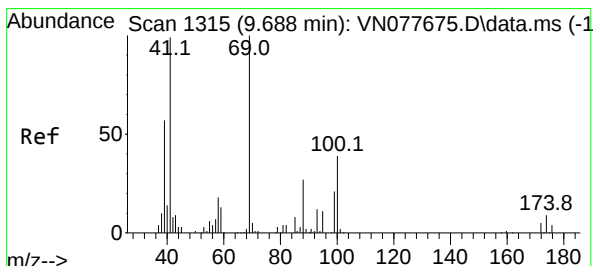
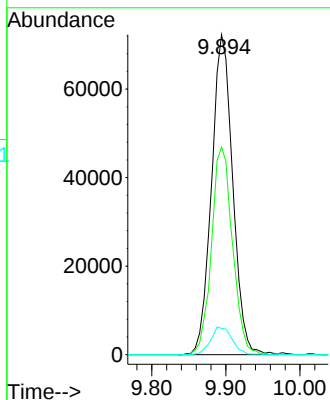
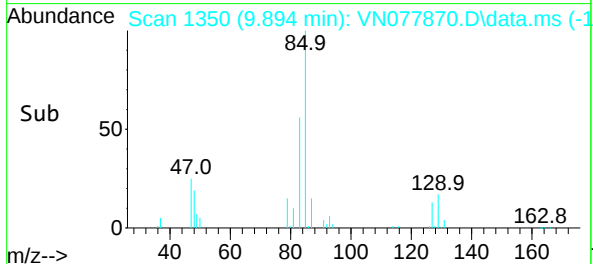
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



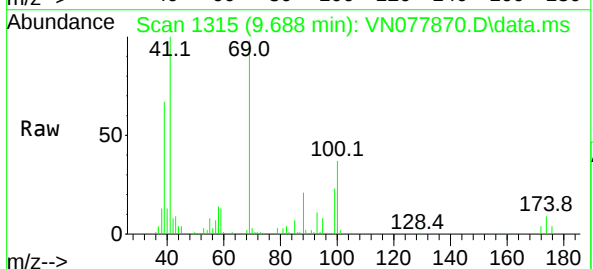
Tgt Ion: 83 Resp: 143440
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

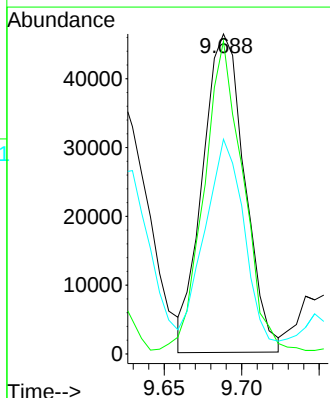
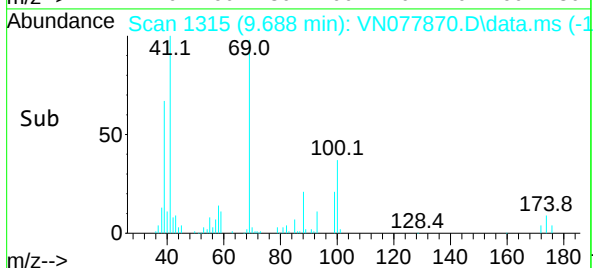
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

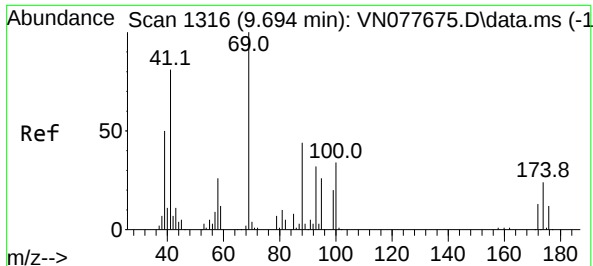


#48
Methyl methacrylate
Concen: 19.573 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion: 41 Resp: 87527
Ion Ratio Lower Upper
41 100
69 92.2 90.4 135.6
39 65.0 54.6 81.8





#49

1,4-Dioxane

Concen: 413.341 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02

Tgt Ion: 88 Resp: 3491

Ion Ratio Lower Upper

88 100

43 26.0 17.0 25.6

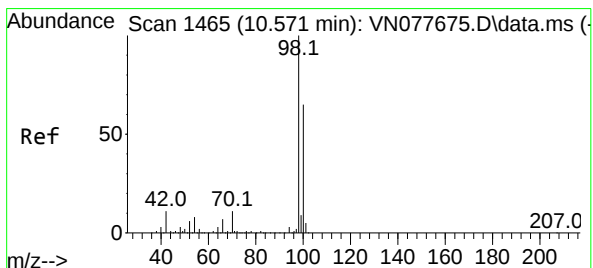
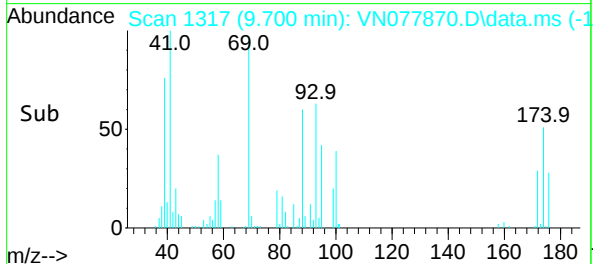
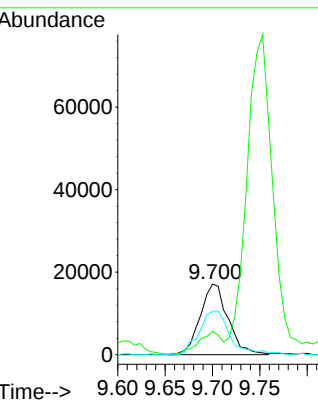
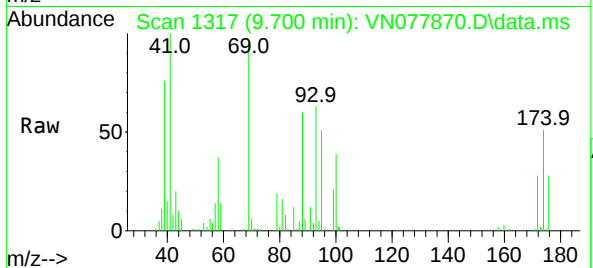
58 68.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 51.077 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077870.D

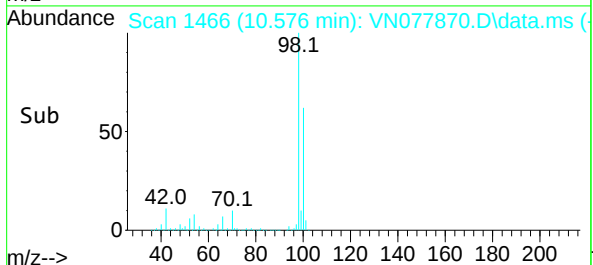
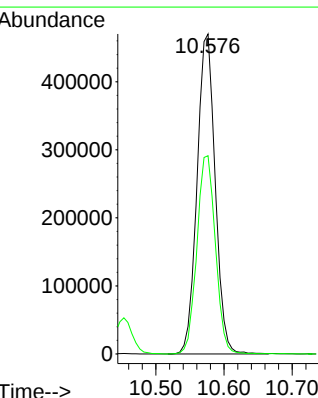
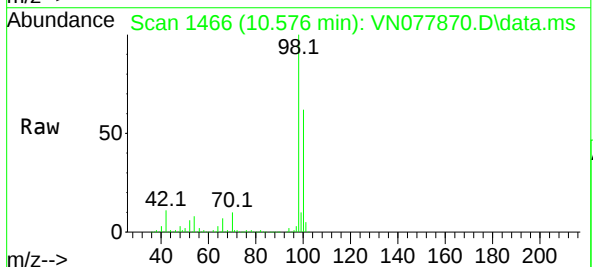
Acq: 25 May 2023 00:36

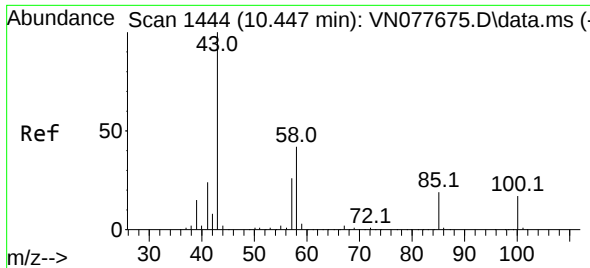
Tgt Ion: 98 Resp: 870787

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





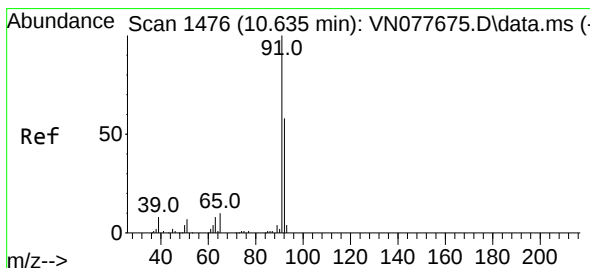
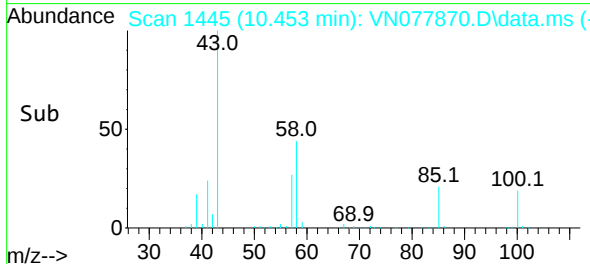
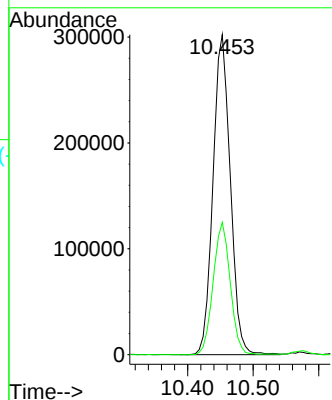
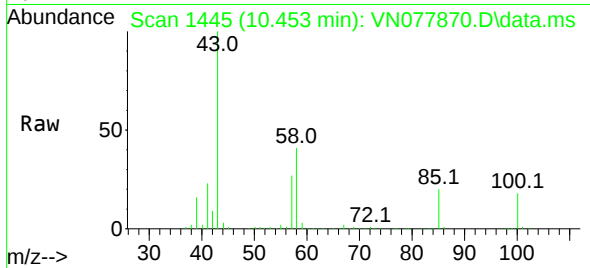
#51
4-Methyl-2-Pentanone
Concen: 98.664 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02

Tgt Ion: 43 Resp: 553149
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

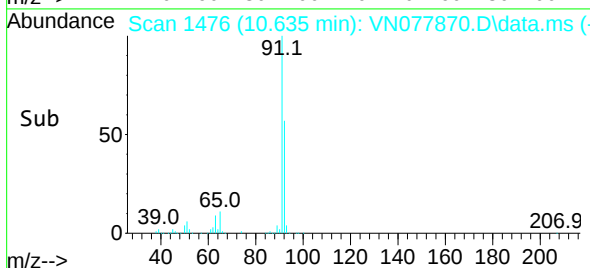
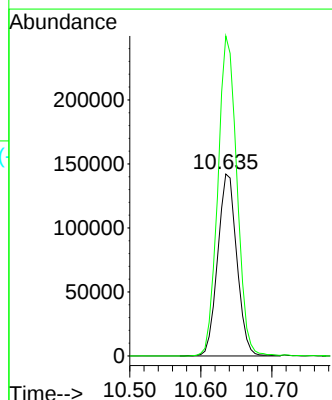
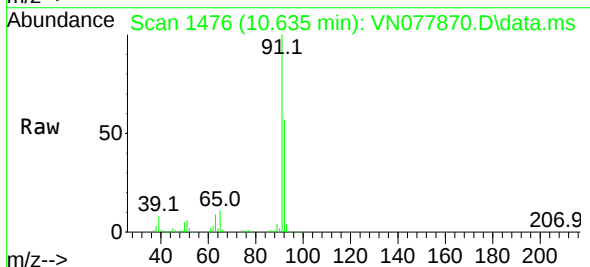
Manual Integrations
APPROVED

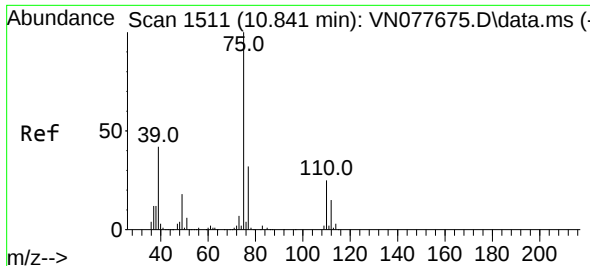
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 22.252 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

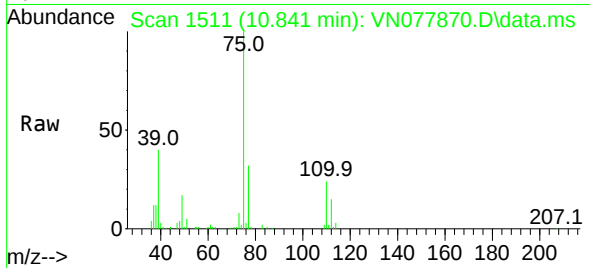
Tgt Ion: 92 Resp: 264841
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.621 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36

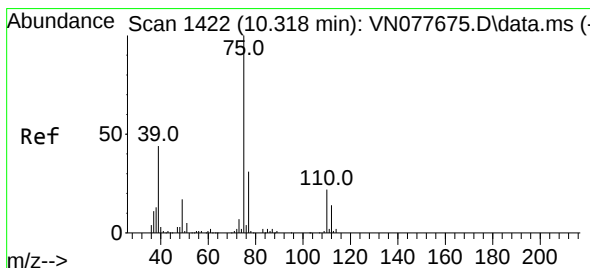
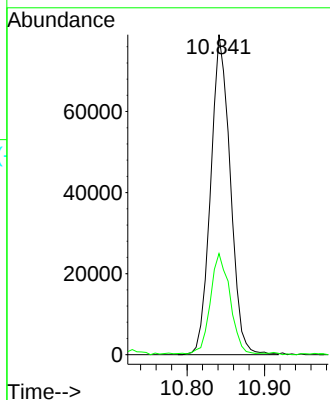
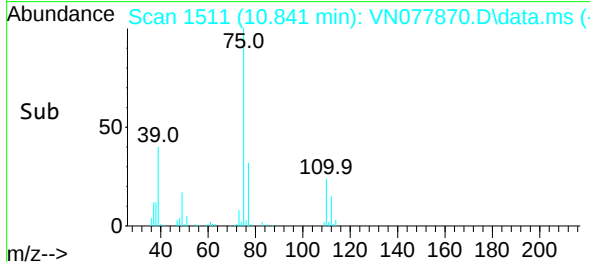
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBSD02



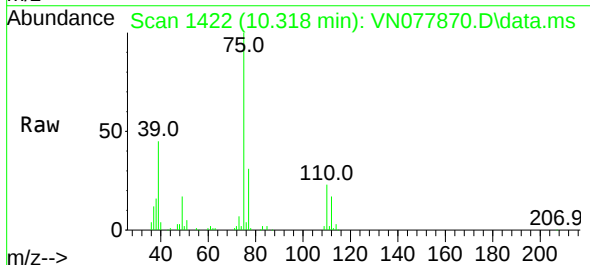
Tgt Ion: 75 Resp: 138808
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0

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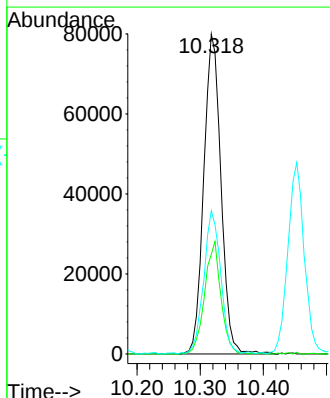
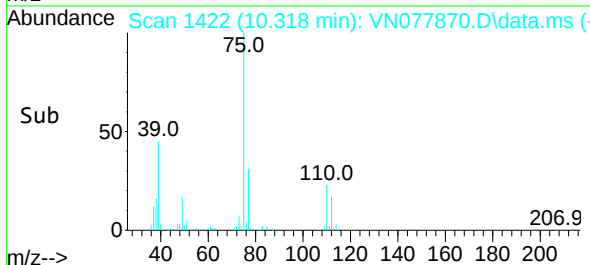
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

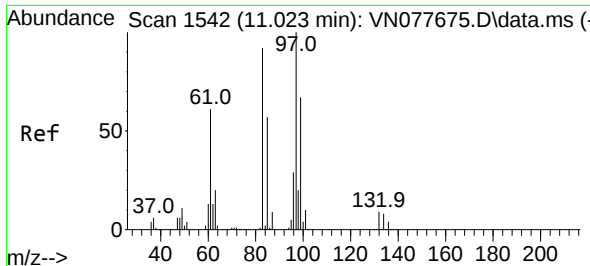


#54
 cis-1,3-Dichloropropene
 Concen: 19.400 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36



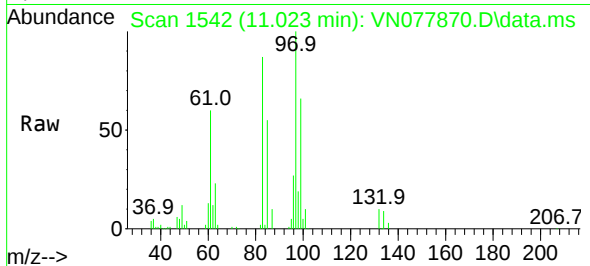
Tgt Ion: 75 Resp: 151247
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.956 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

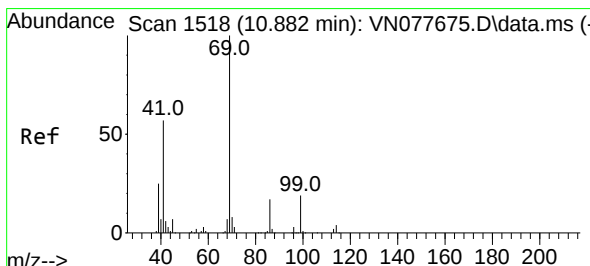
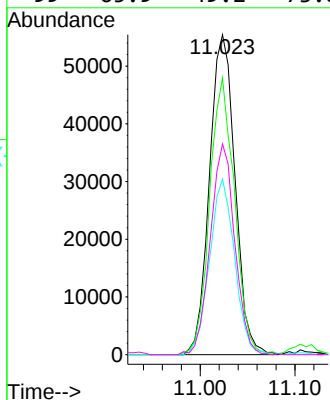
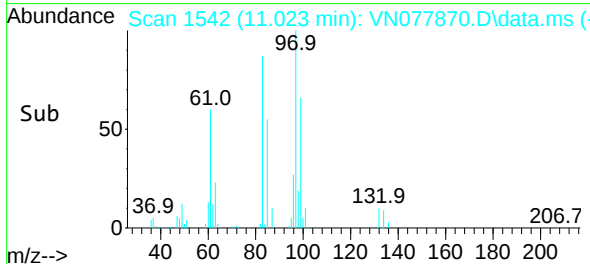
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



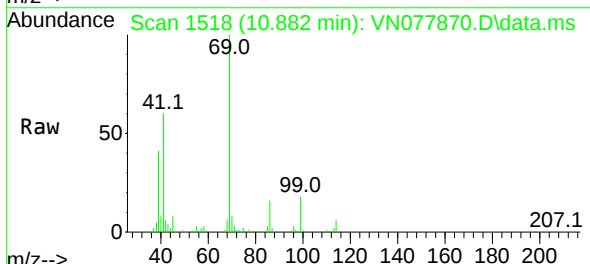
Tgt Ion:	97	Resp:	10375
Ion Ratio	100	Lower	Upper
97	100		
83	86.5	65.1	97.7
85	54.9	43.4	65.2
99	65.9	49.2	73.8

Manual Integrations
APPROVED

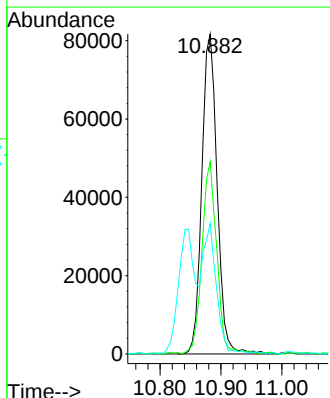
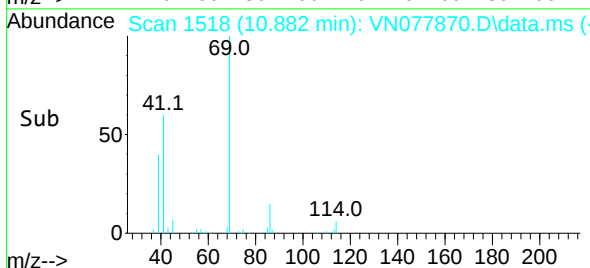
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

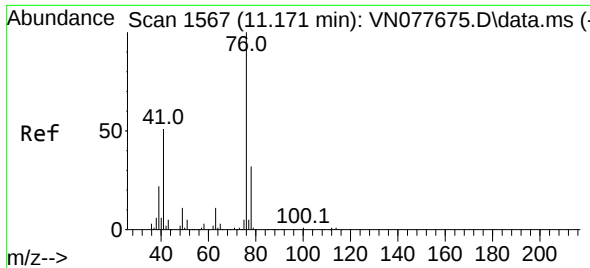


#56
Ethyl methacrylate
Concen: 19.952 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



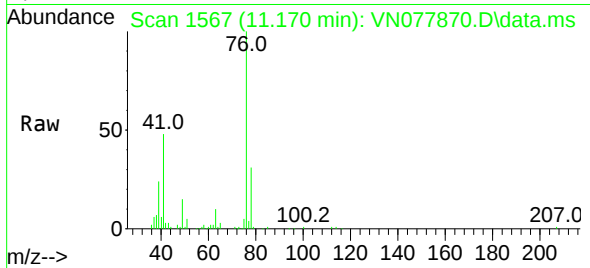
Tgt Ion:	69	Resp:	142566
Ion Ratio	100	Lower	Upper
69	100		
41	58.3	39.6	59.4
39	34.5	28.6	43.0





#57
1,3-Dichloropropane
Concen: 21.133 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

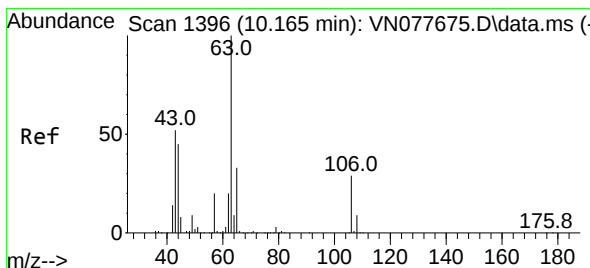
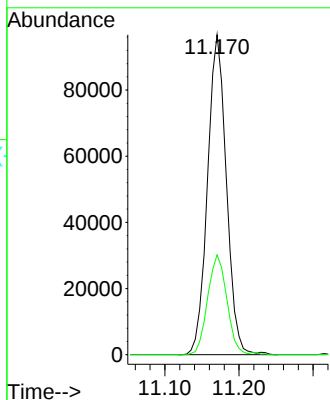
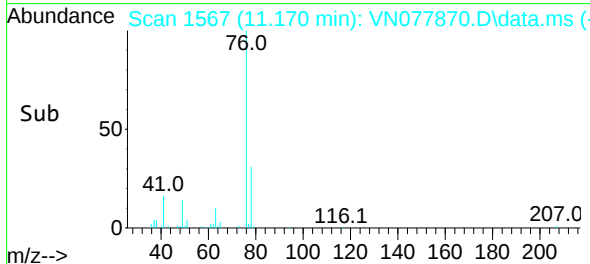
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 76 Resp: 171200
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

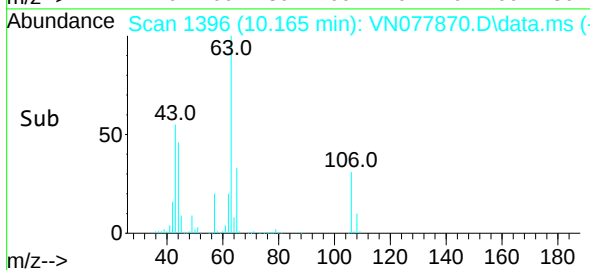
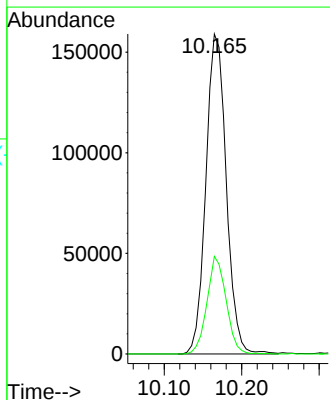
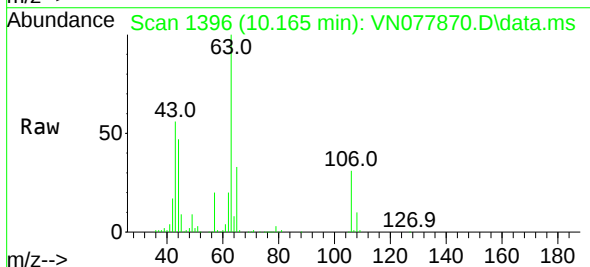
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 82.659 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

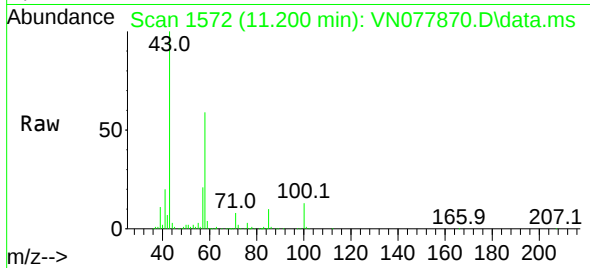
Tgt Ion: 63 Resp: 290566
Ion Ratio Lower Upper
63 100
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 91.549 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

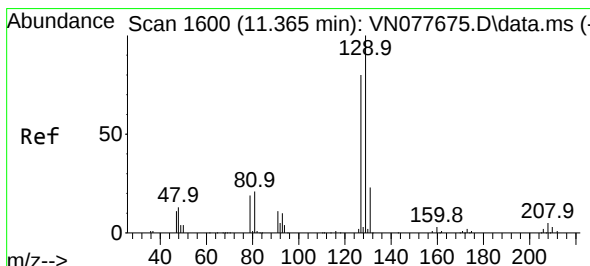
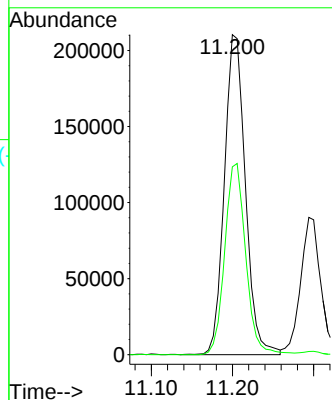
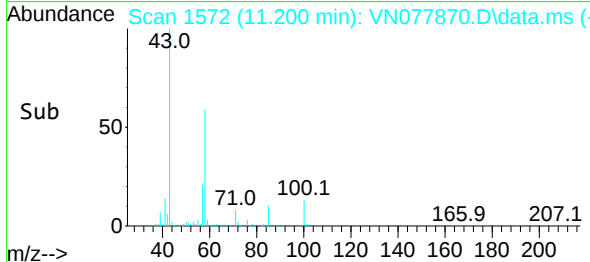
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



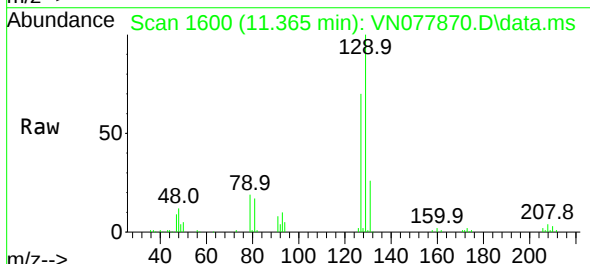
Tgt Ion: 43 Resp: 379638
Ion Ratio Lower Upper
43 100
58 59.6 31.7 95.1

Manual Integrations
APPROVED

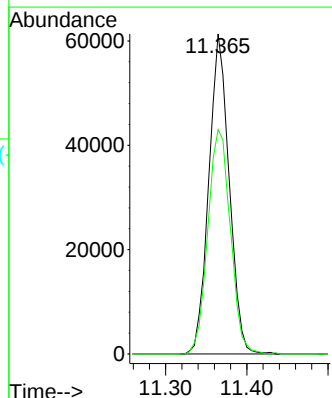
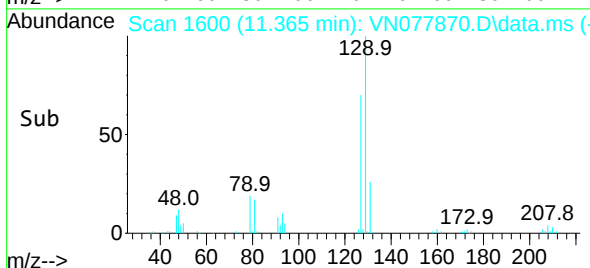
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

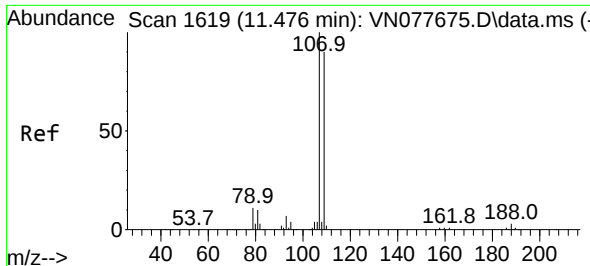


#60
Dibromochloromethane
Concen: 21.880 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



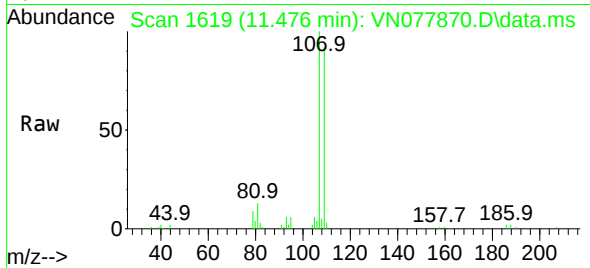
Tgt Ion:129 Resp: 106745
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.826 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

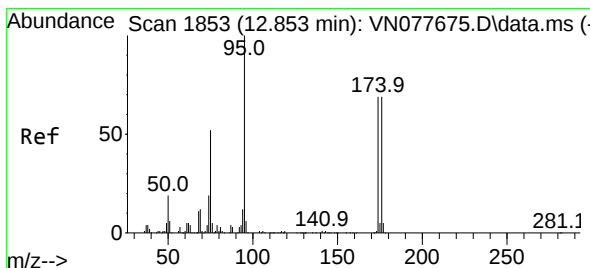
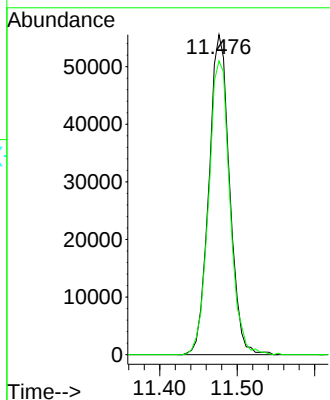
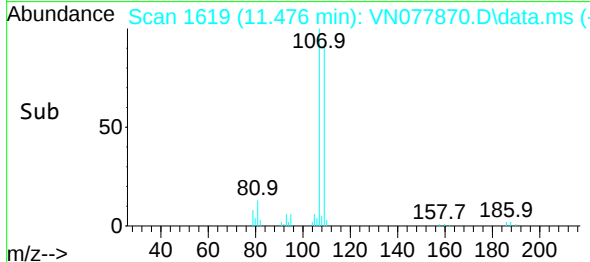
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



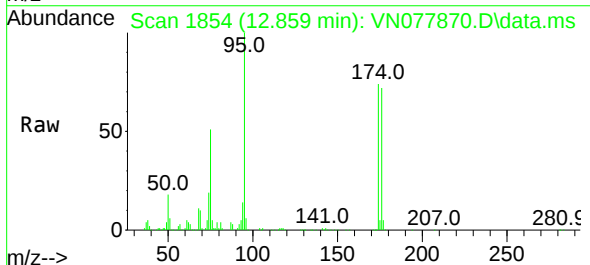
Tgt Ion: 107 Resp: 102900
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

Manual Integrations
APPROVED

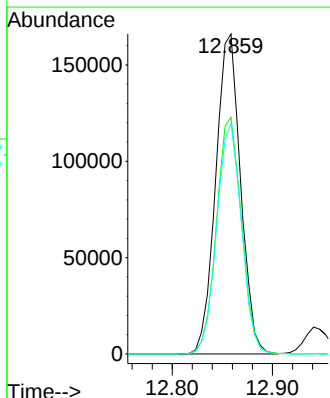
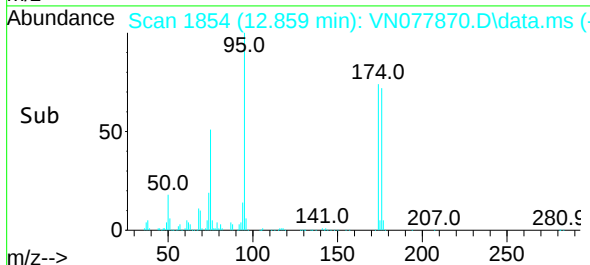
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

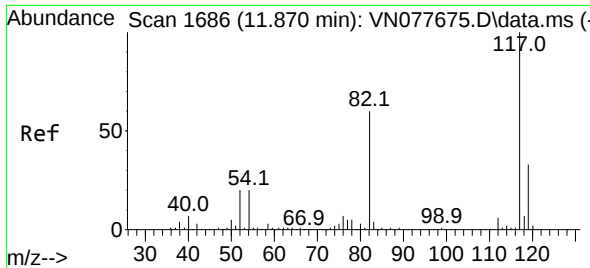


#62
4-Bromofluorobenzene
Concen: 47.449 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



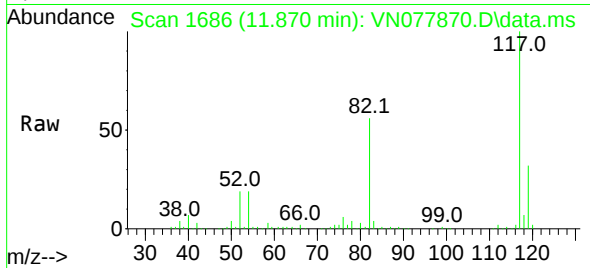
Tgt Ion: 95 Resp: 285704
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

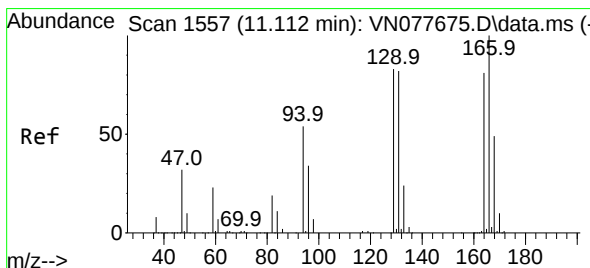
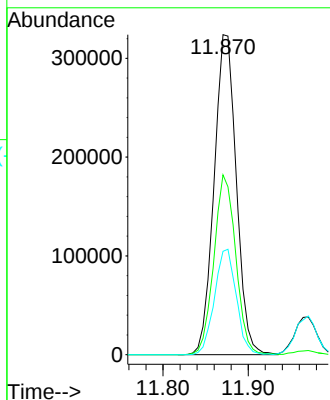
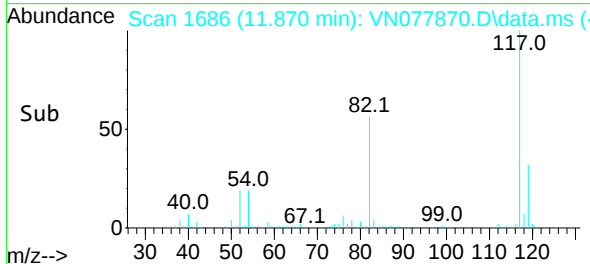
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:117 Resp: 589549
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.3 25.6 38.4

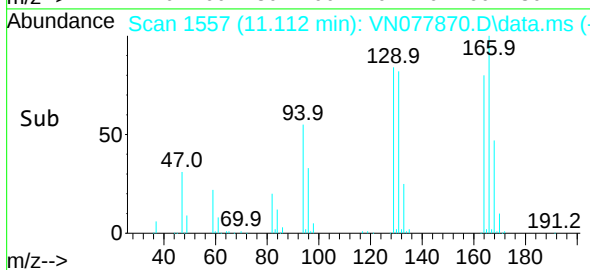
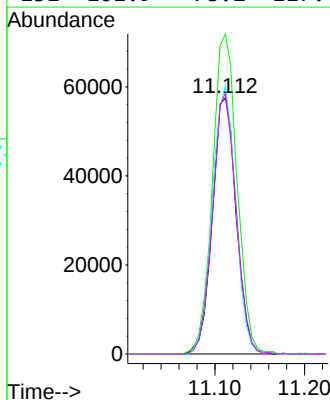
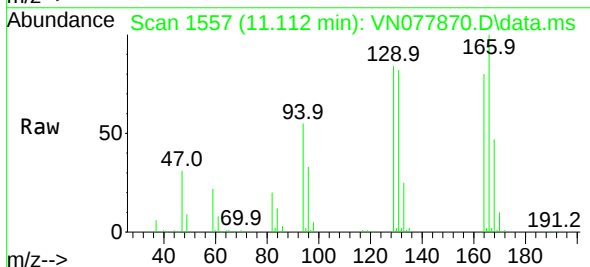
Manual Integrations
APPROVED

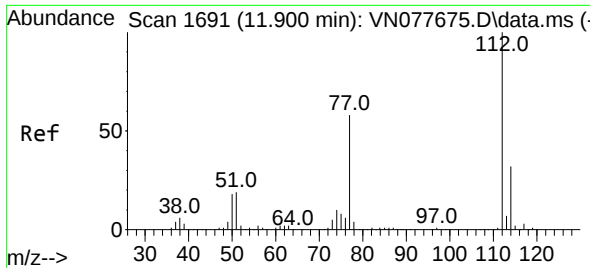
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 25.625 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

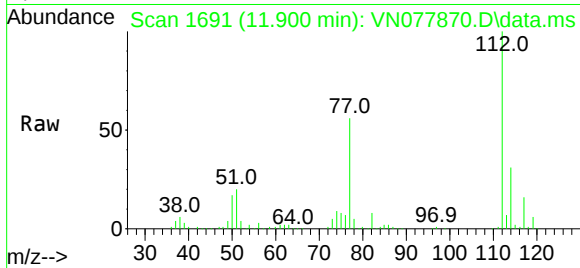
Tgt Ion:164 Resp: 105648
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 104.9 82.4 123.6
131 101.9 78.2 117.4





#65
Chlorobenzene
Concen: 21.958 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

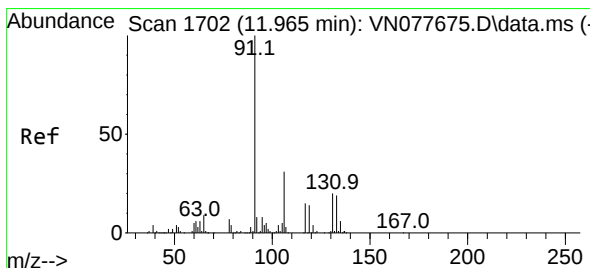
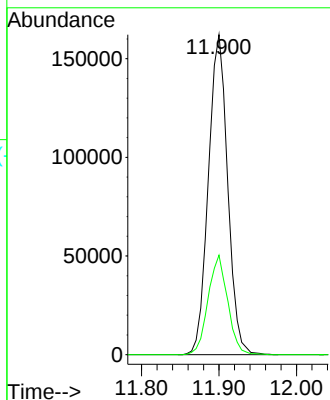
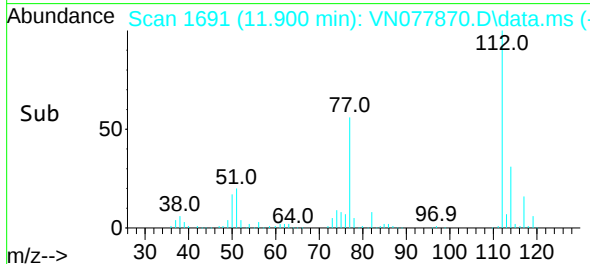
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



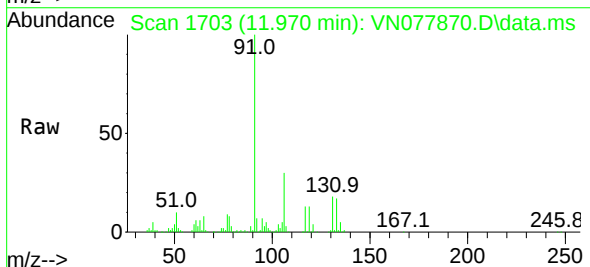
Tgt Ion:112 Resp: 280639
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

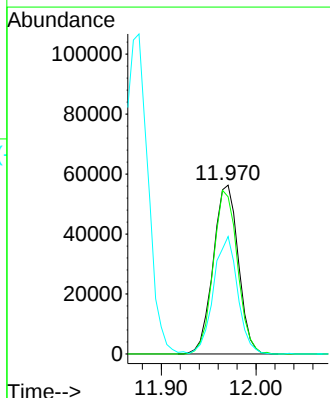
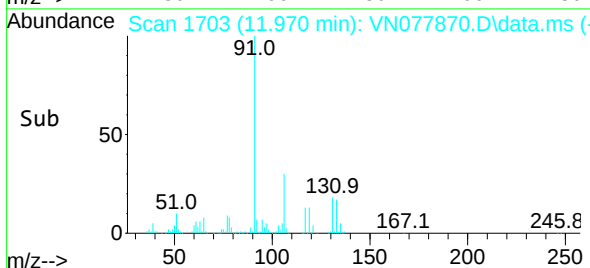
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

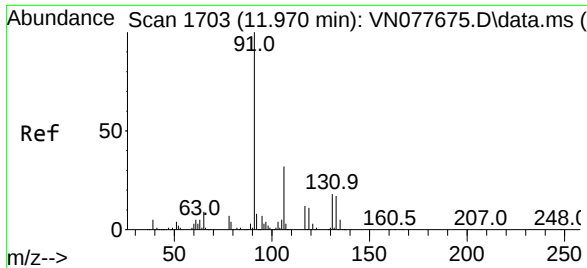


#66
1,1,1,2-Tetrachloroethane
Concen: 23.500 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



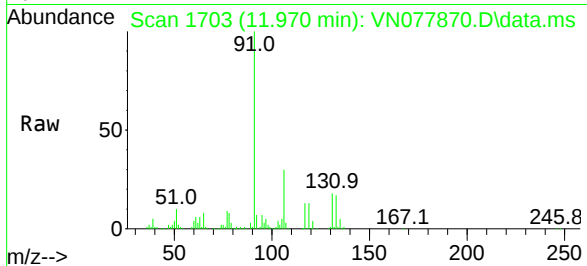
Tgt Ion:131 Resp: 103924
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 66.5 34.1 102.2





#67
Ethyl Benzene
Concen: 22.095 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

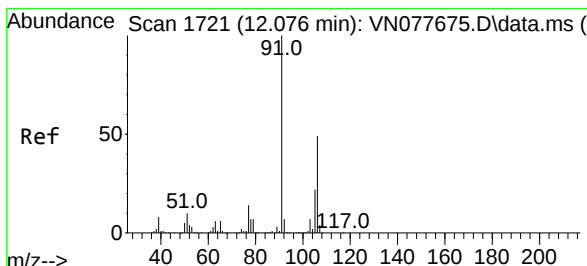
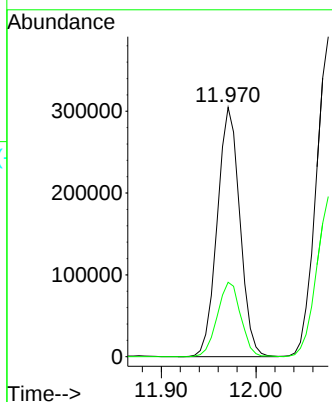
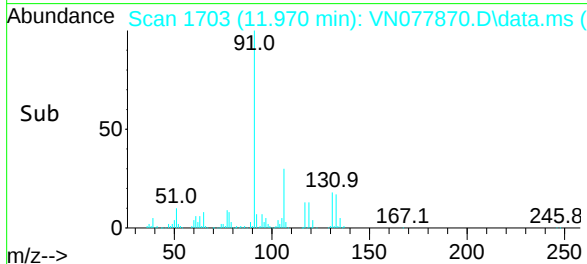
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



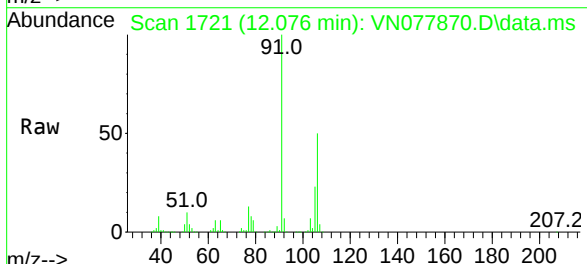
Tgt Ion: 91 Resp: 506048
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

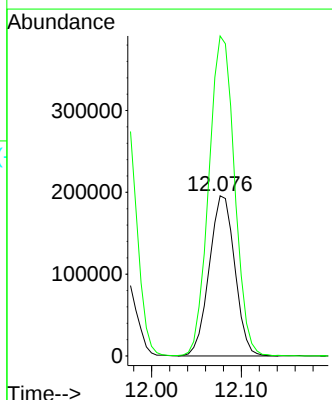
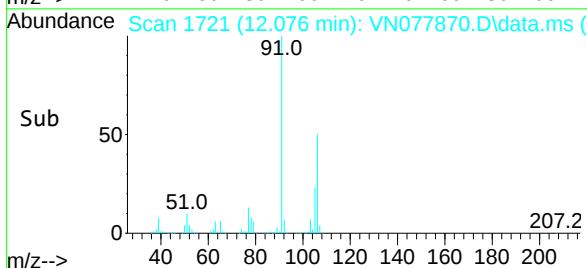
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

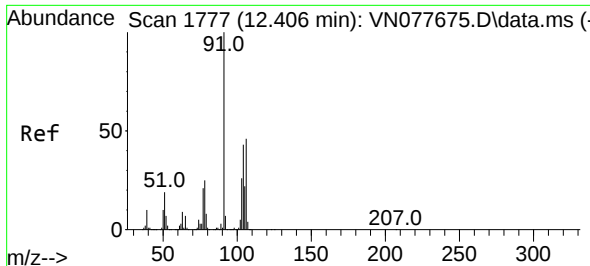


#68
m/p-Xylenes
Concen: 44.603 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



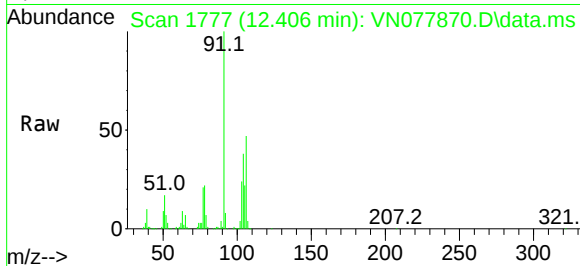
Tgt Ion:106 Resp: 387083
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4





#69
o-Xylene
Concen: 22.066 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

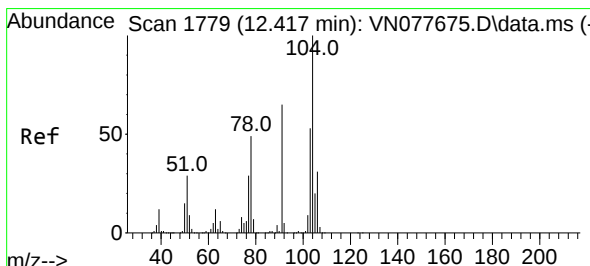
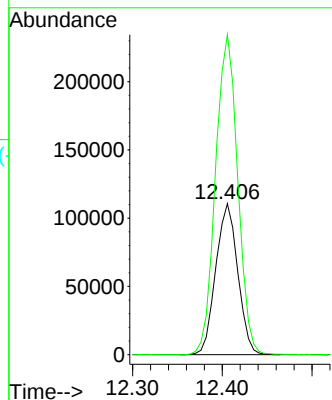
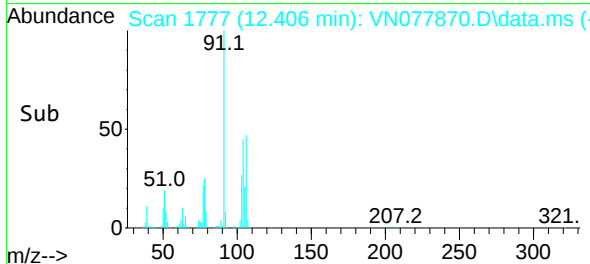
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



Tgt Ion:106 Resp: 188327
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5

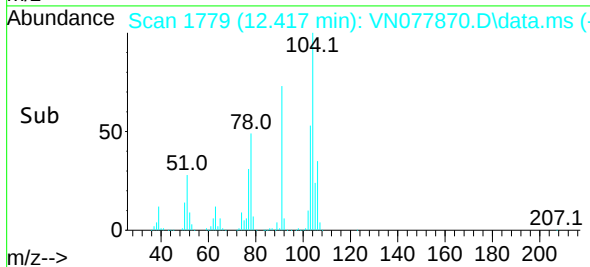
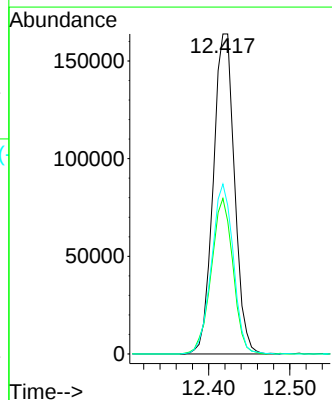
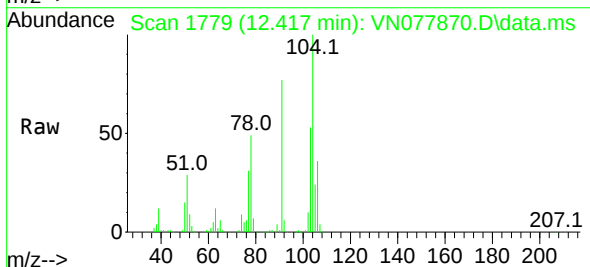
Manual Integrations
APPROVED

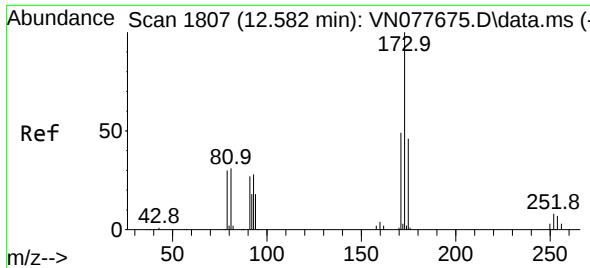
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 22.060 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

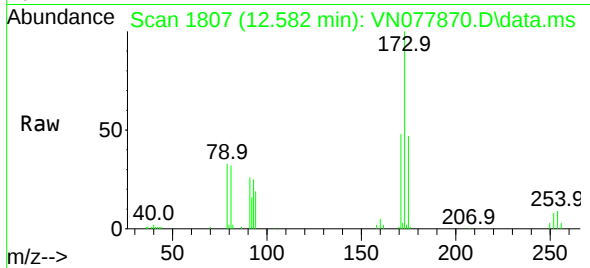
Tgt Ion:104 Resp: 299086
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.3 43.2 64.8





#71
Bromoform
Concen: 21.935 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

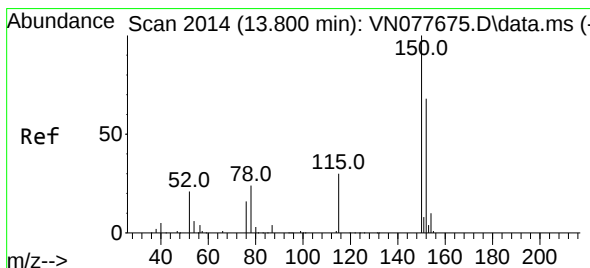
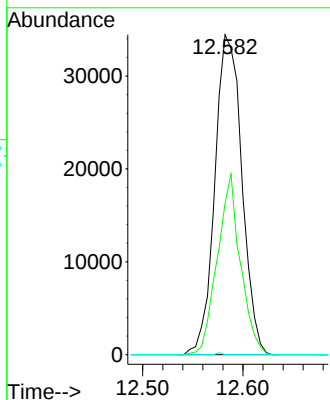
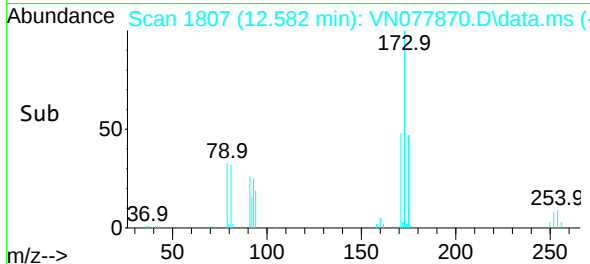
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



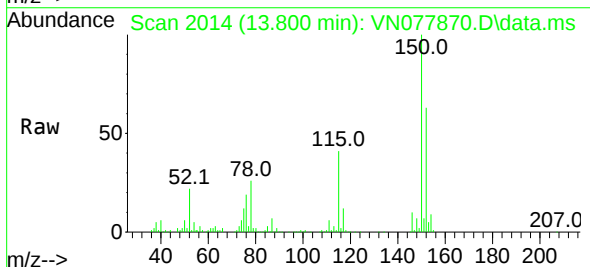
Tgt Ion:173 Resp: 64529
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

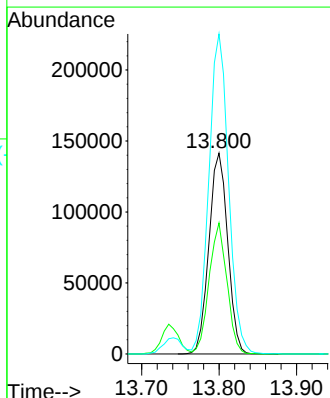
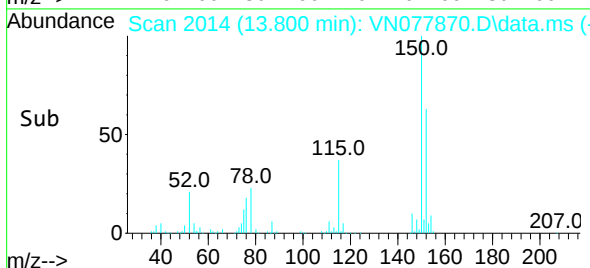
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

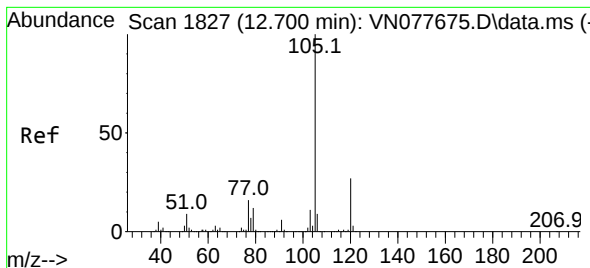


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion:152 Resp: 238636
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 167.0 0.0 355.8





#73

Isopropylbenzene

Concen: 23.851 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBSD02

Tgt Ion:105 Resp: 490630

Ion Ratio Lower Upper

105 100

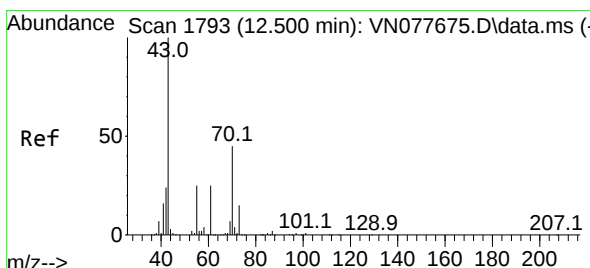
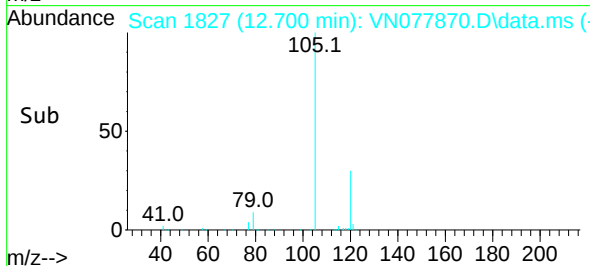
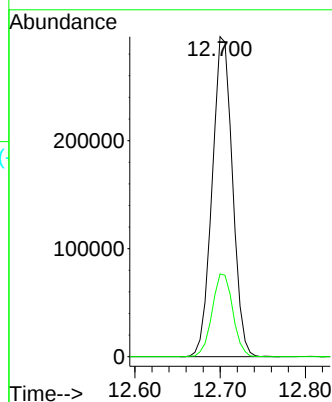
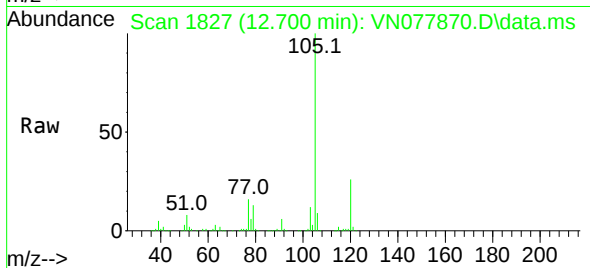
120 26.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

N-ethyl acetate

Concen: 18.525 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

Tgt Ion: 43 Resp: 140857

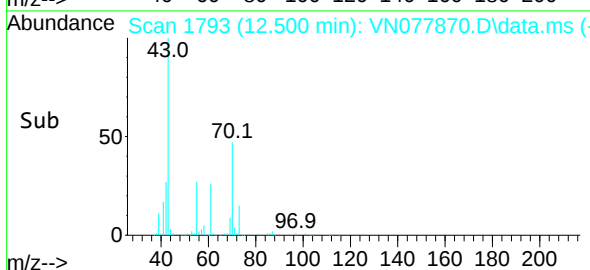
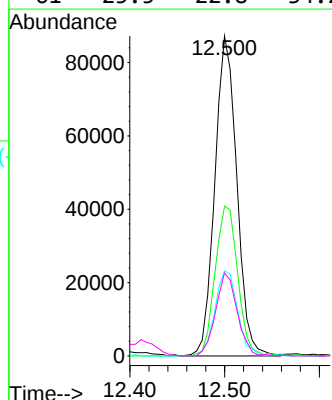
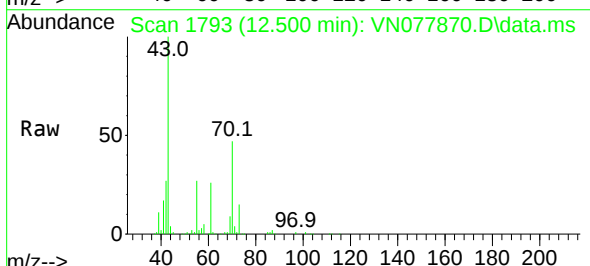
Ion Ratio Lower Upper

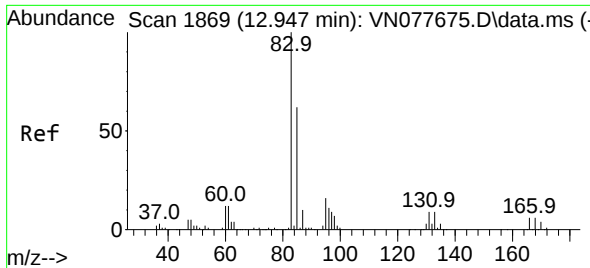
43 100

70 48.2 43.4 65.2

55 27.3 21.4 32.0

61 25.5 22.8 34.2





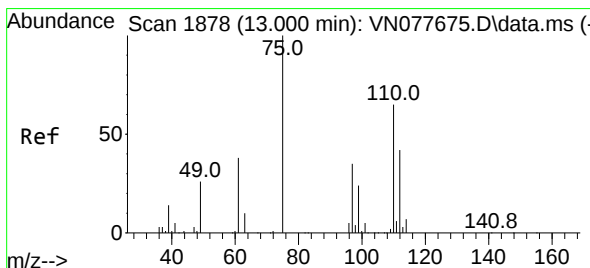
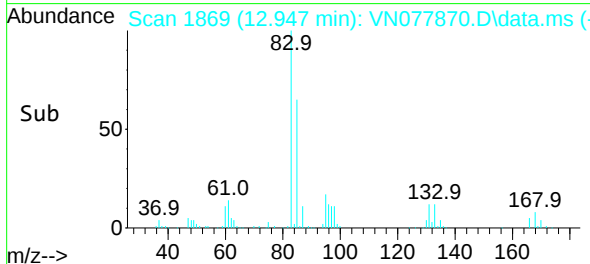
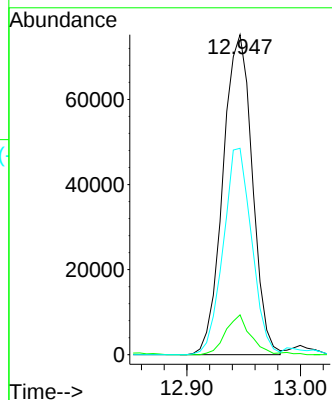
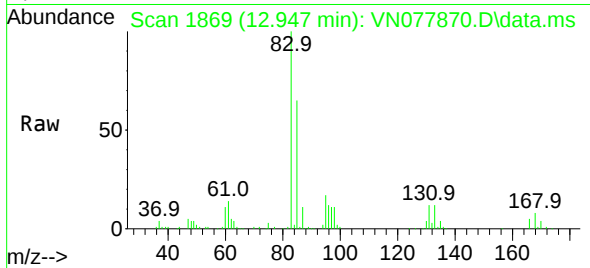
#75
1,1,2,2-Tetrachloroethane
Concen: 21.323 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02

Tgt Ion: 83 Resp: 134938
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 62.7 31.9 95.7

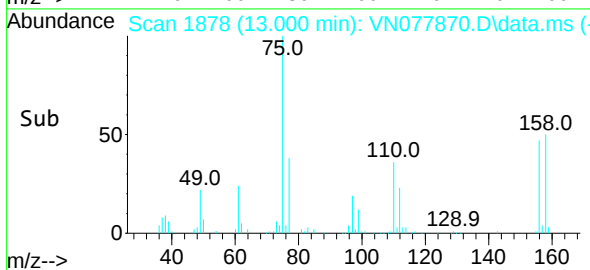
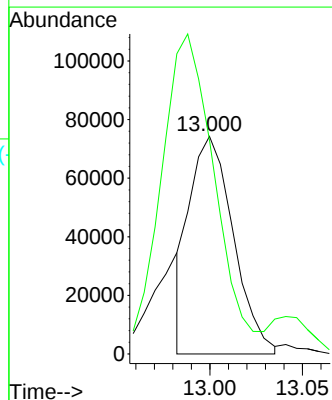
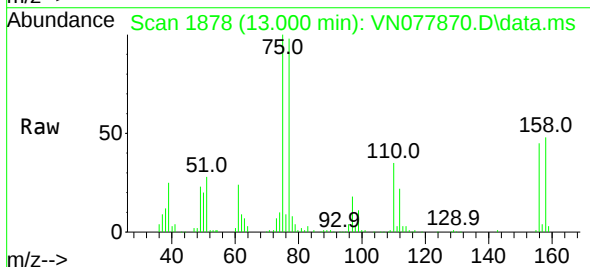
Manual Integrations
APPROVED

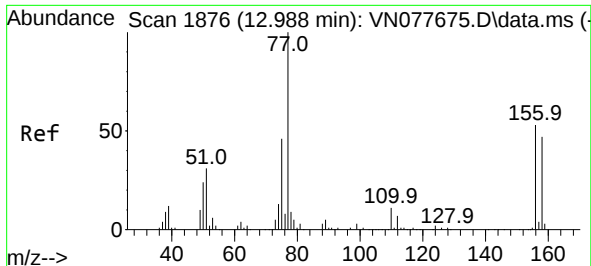
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 20.377 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

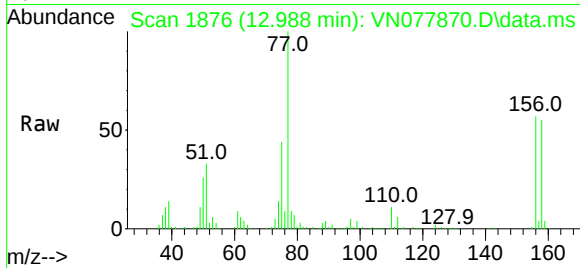
Tgt Ion: 75 Resp: 121778
Ion Ratio Lower Upper
75 100
77 181.9 84.5 253.5





#77
Bromobenzene
Concen: 22.646 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

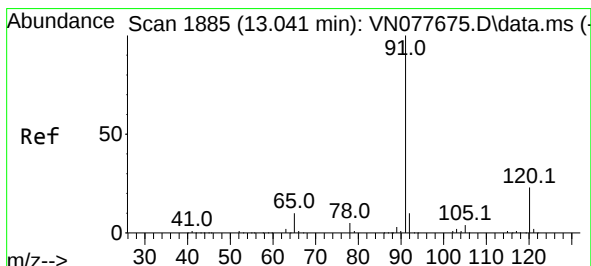
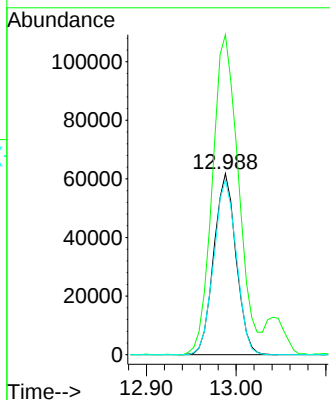
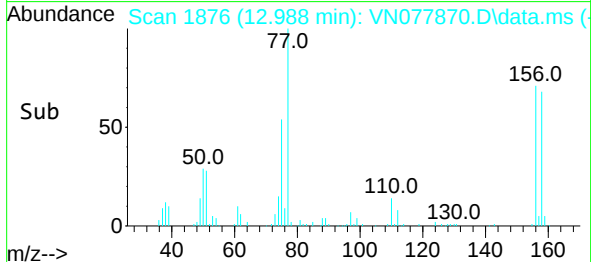
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBSD02



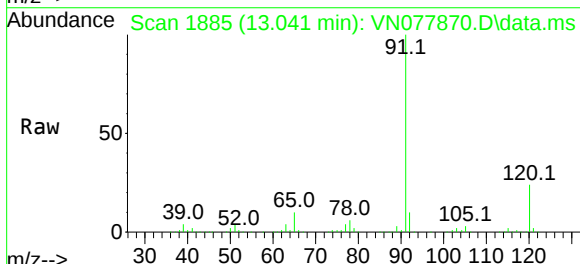
Tgt Ion:156 Resp: 106300
Ion Ratio Lower Upper
156 100
77 208.3 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
APPROVED

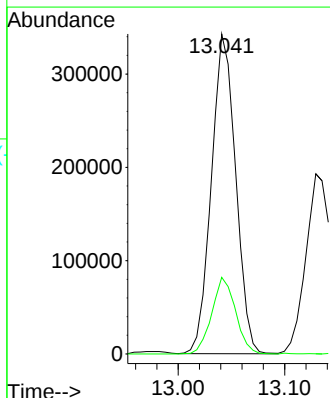
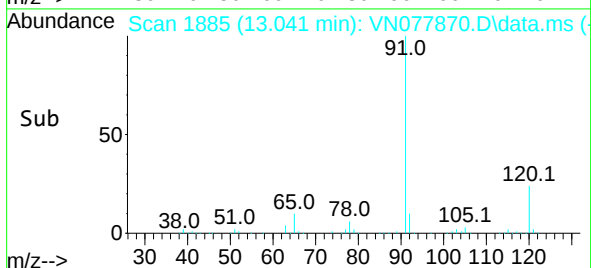
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

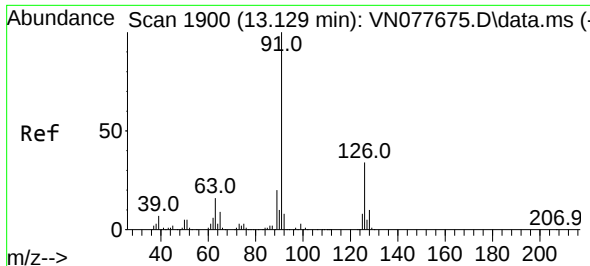


#78
n-propylbenzene
Concen: 22.365 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



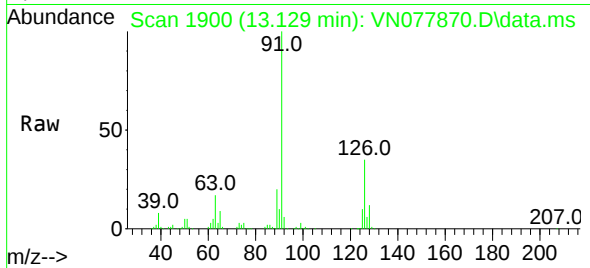
Tgt Ion: 91 Resp: 542371
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 22.928 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

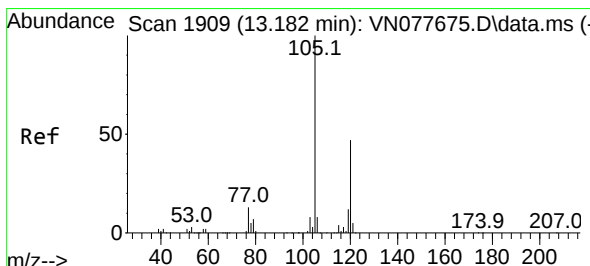
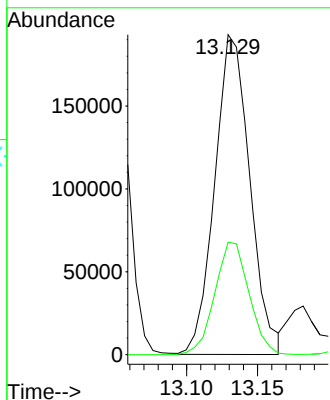
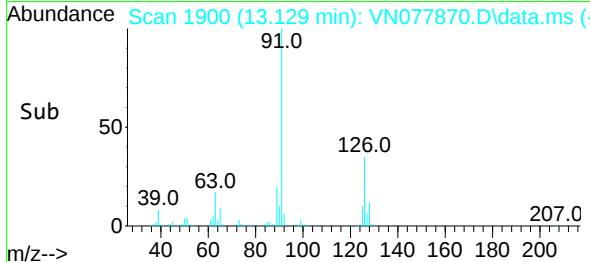
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



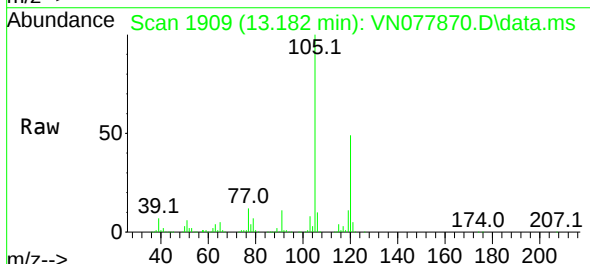
Tgt Ion: 91 Resp: 331790
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

Manual Integrations
APPROVED

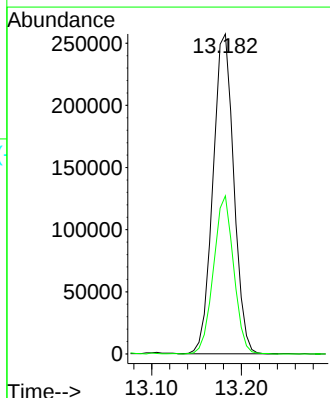
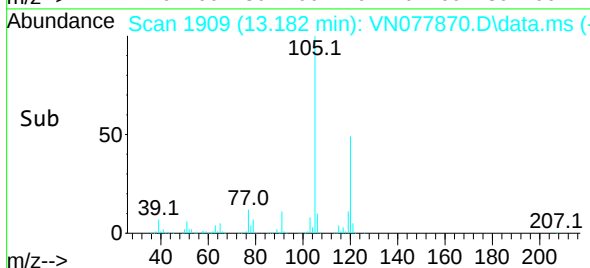
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

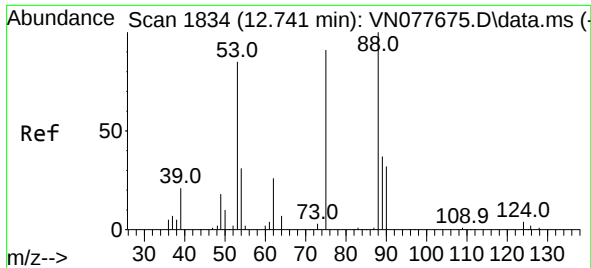


#80
1,3,5-Trimethylbenzene
Concen: 23.956 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



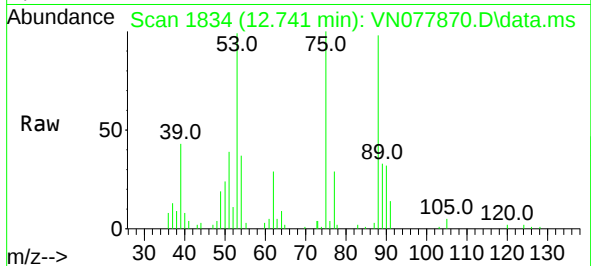
Tgt Ion:105 Resp: 414165
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.647 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

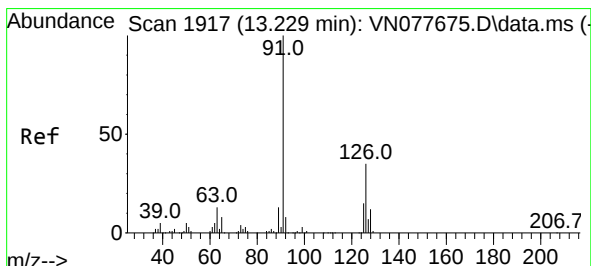
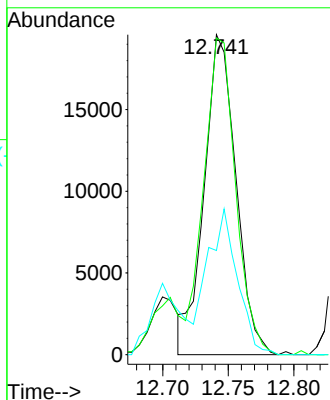
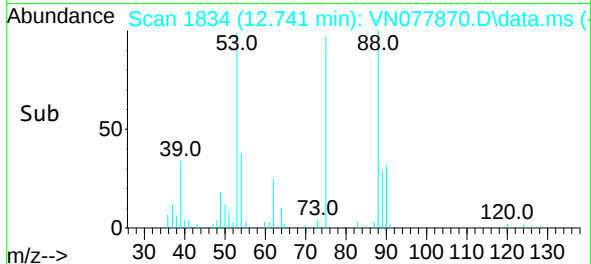
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



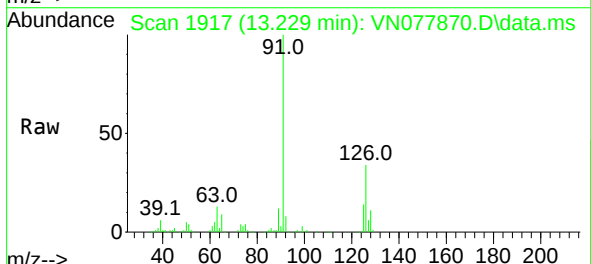
Tgt Ion: 75 Resp: 32994
Ion Ratio Lower Upper
75 100
53 98.3 67.4 101.2
89 42.7 38.8 58.2

Manual Integrations
APPROVED

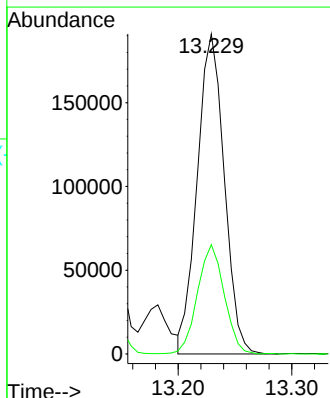
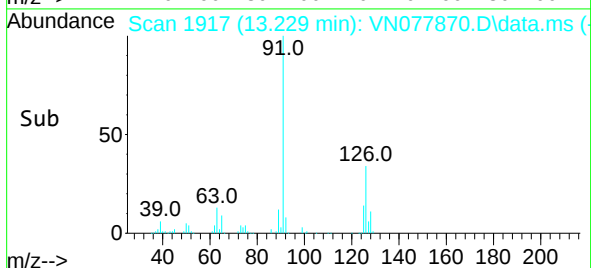
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

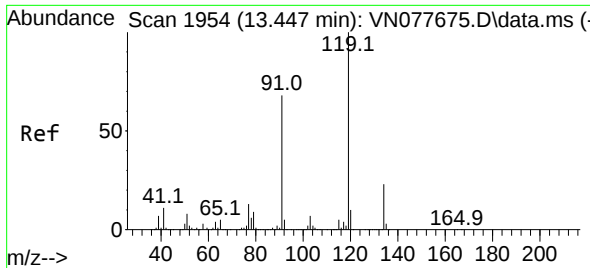


#82
4-Chlorotoluene
Concen: 21.918 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



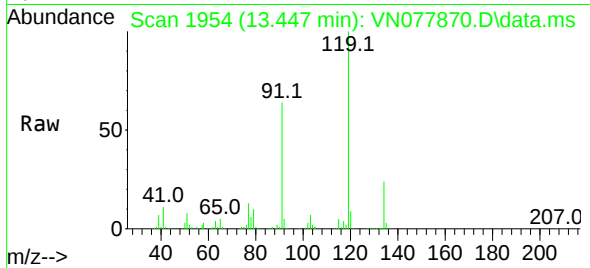
Tgt Ion: 91 Resp: 315575
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 23.347 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

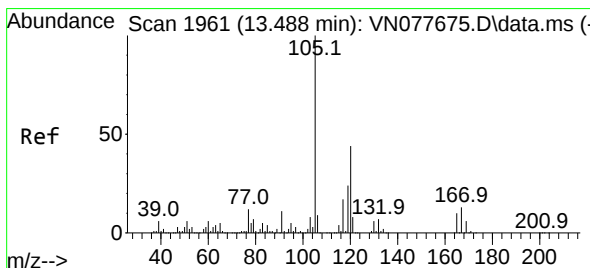
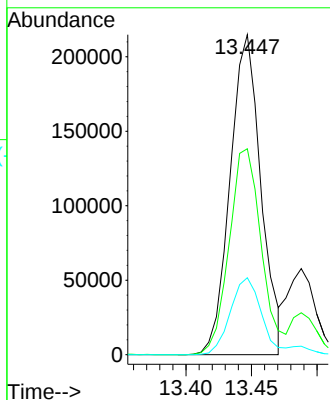
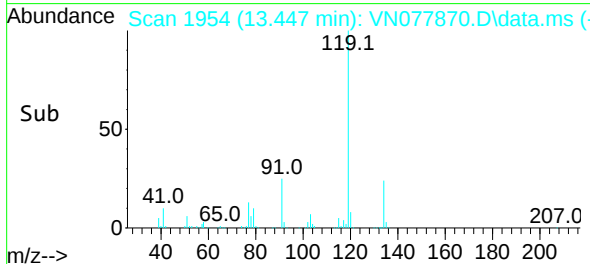
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



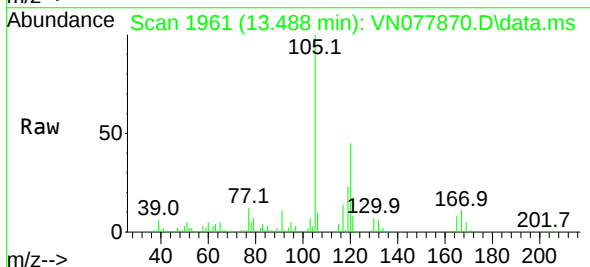
Tgt Ion:119 Resp: 352369
Ion Ratio Lower Upper
119 100
91 67.4 33.9 101.7
134 24.1 13.2 39.6

Manual Integrations
APPROVED

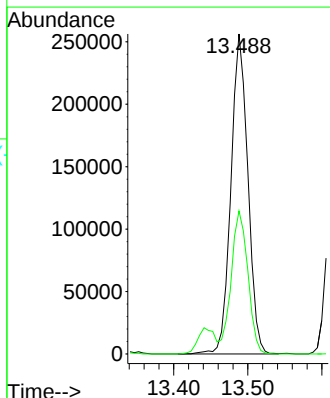
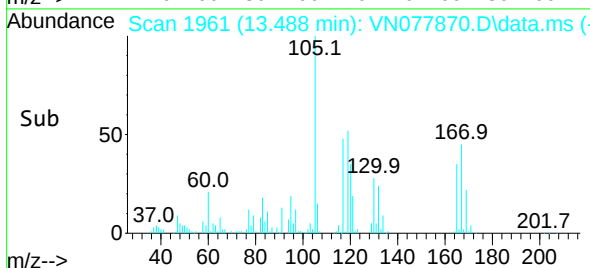
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

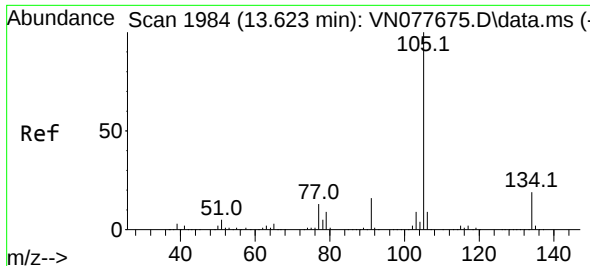


#84
1,2,4-Trimethylbenzene
Concen: 23.897 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



Tgt Ion:105 Resp: 406325
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





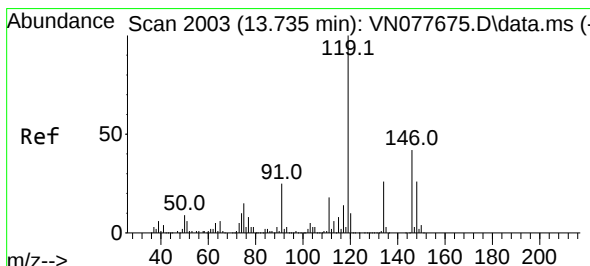
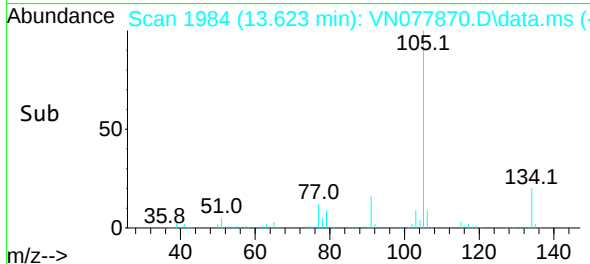
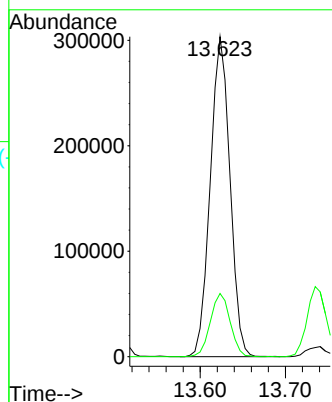
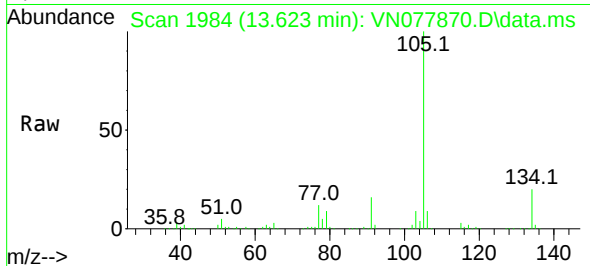
#85
 sec-Butylbenzene
 Concen: 22.704 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBSD02

Tgt Ion:105 Resp: 48698
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

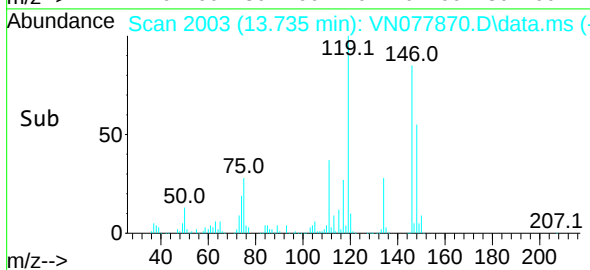
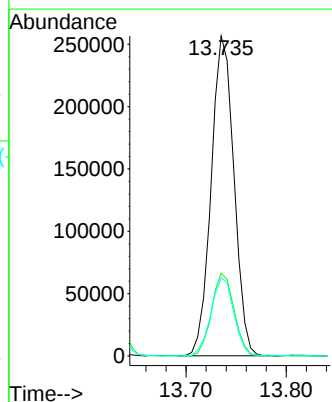
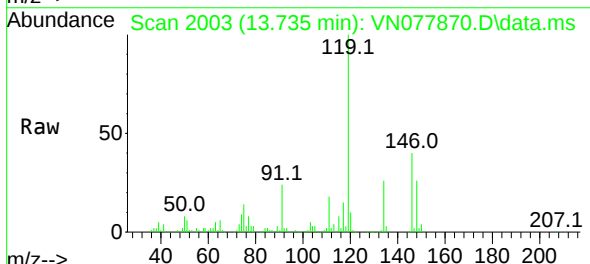
Manual Integrations
 APPROVED

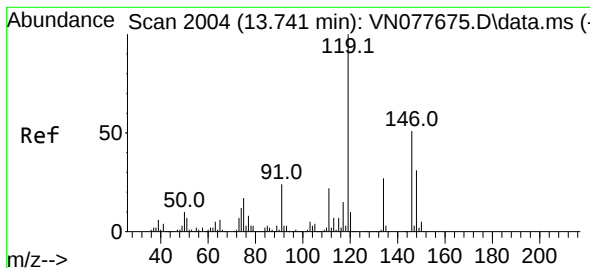
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 23.667 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077870.D
 Acq: 25 May 2023 00:36

Tgt Ion:119 Resp: 404707
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.626 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077870.D

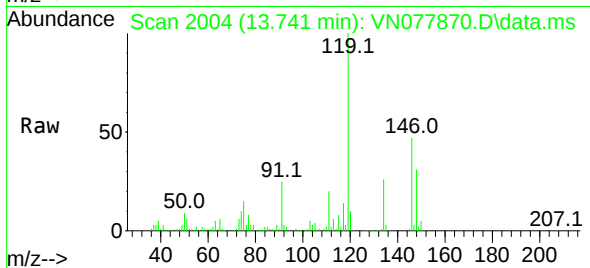
Acq: 25 May 2023 00:36

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBS02



Tgt Ion:146 Resp: 18774

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

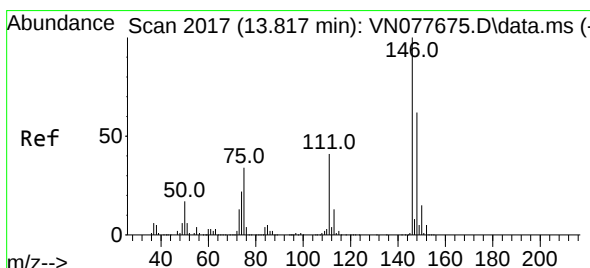
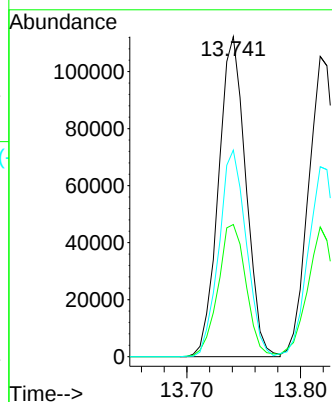
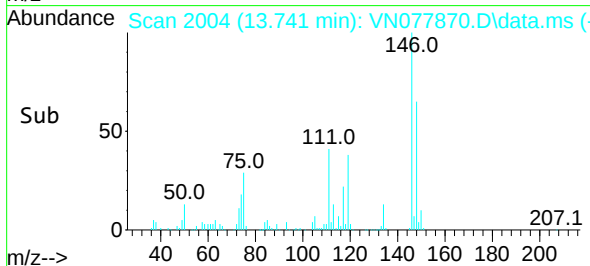
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 20.903 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077870.D

Acq: 25 May 2023 00:36

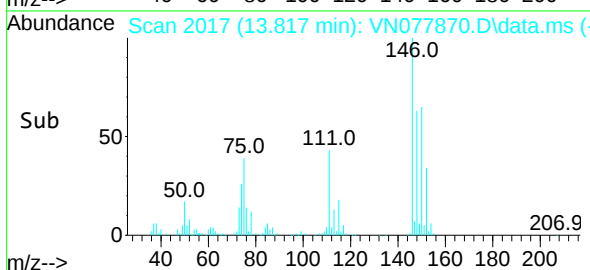
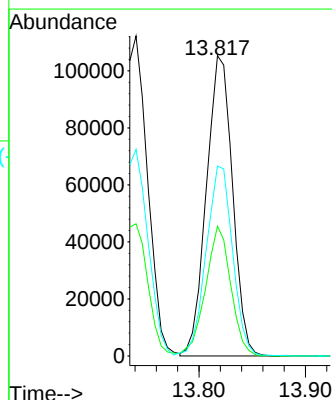
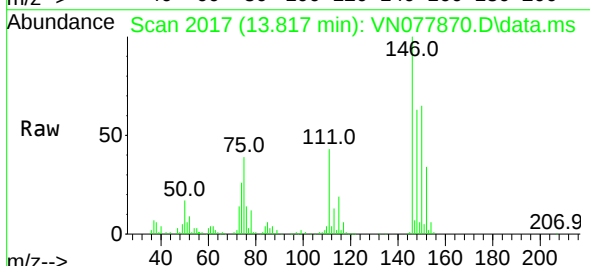
Tgt Ion:146 Resp: 180079

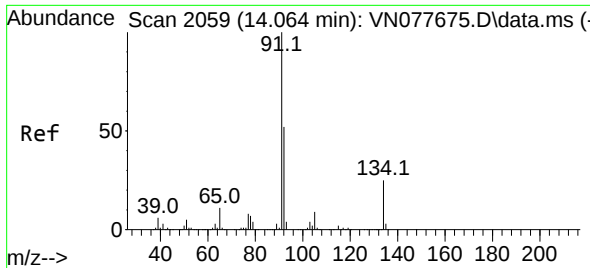
Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

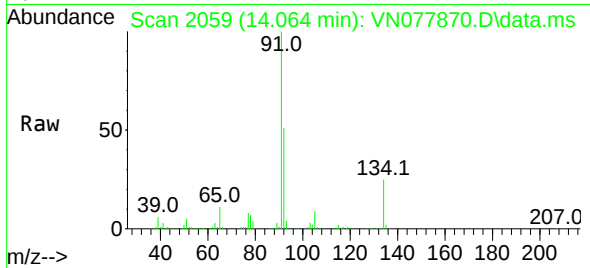
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 20.328 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

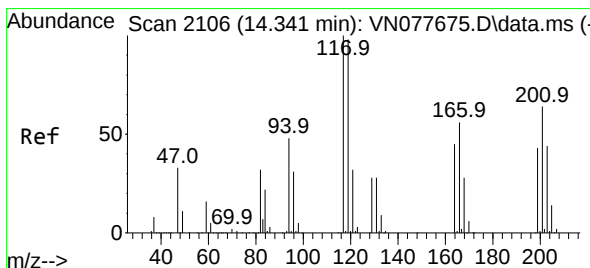
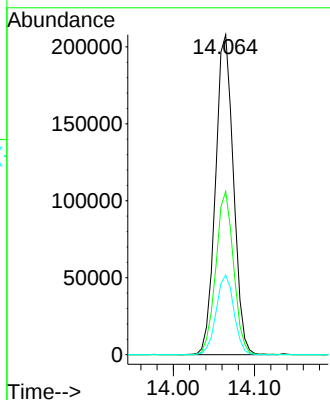
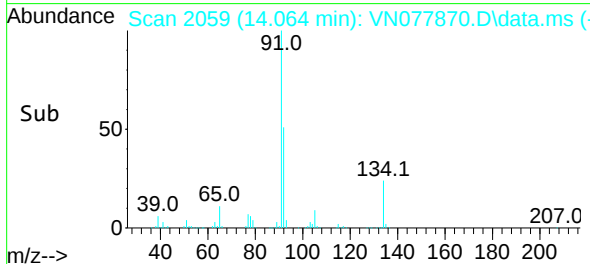
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion: 91 Resp: 31973
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 24.7 12.6 37.6

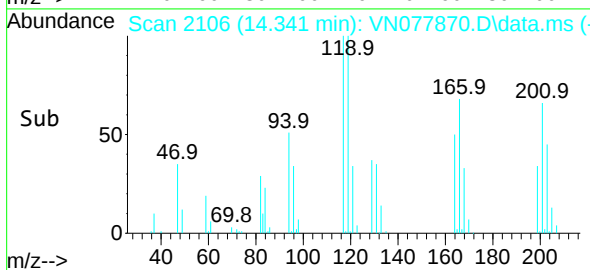
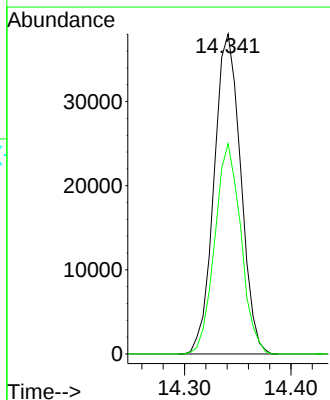
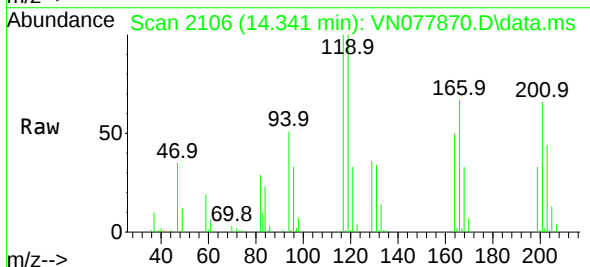
Manual Integrations
APPROVED

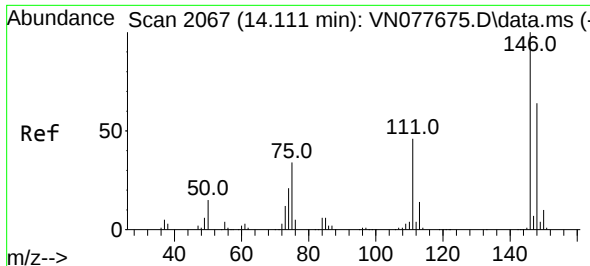
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 23.494 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

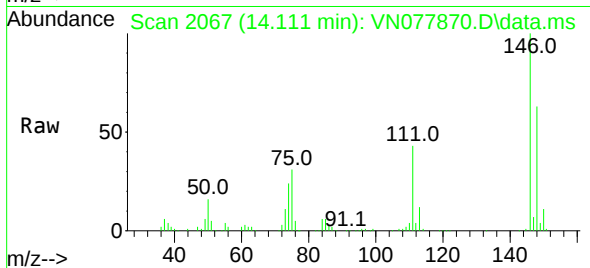
Tgt Ion:117 Resp: 66000
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 23.242 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

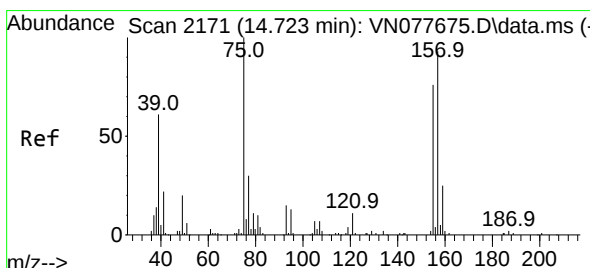
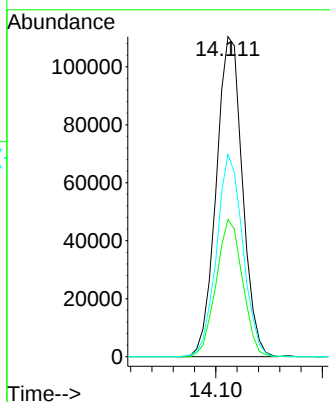
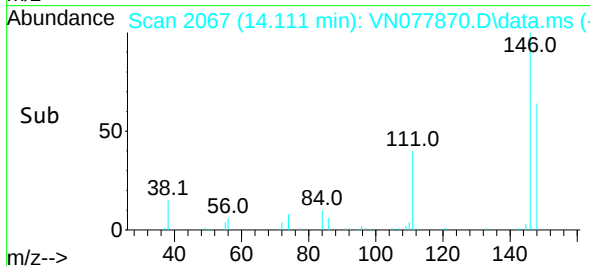
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



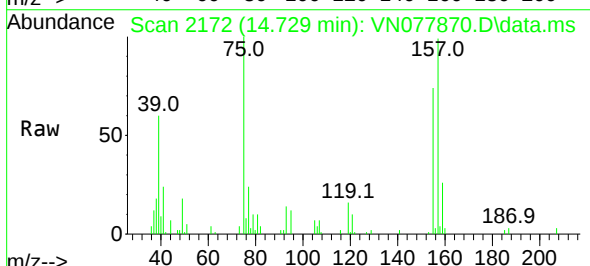
Tgt Ion:146 Resp: 188494
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.6 31.8 95.3

Manual Integrations
APPROVED

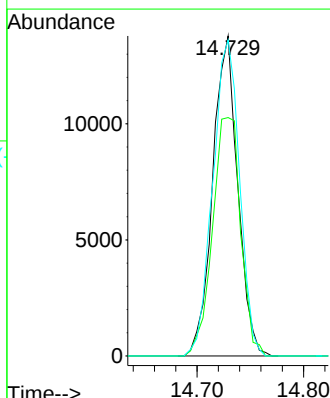
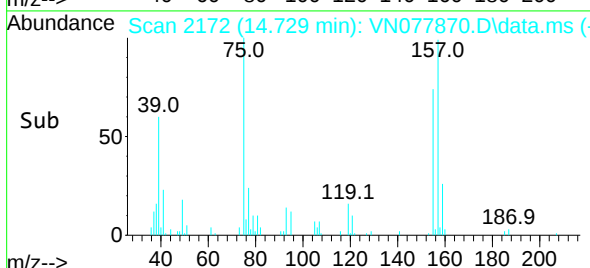
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

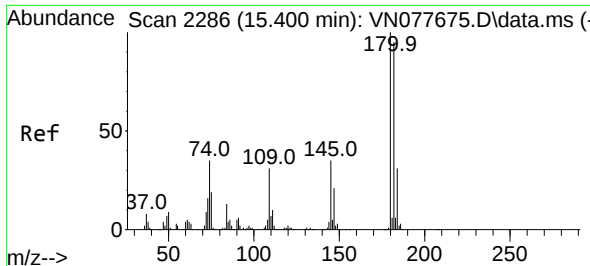


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.306 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



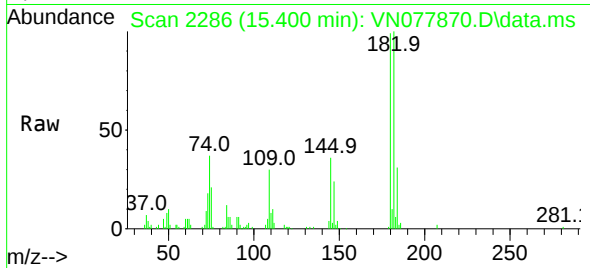
Tgt Ion: 75 Resp: 22428
Ion Ratio Lower Upper
75 100
155 84.0 39.1 117.2
157 105.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.638 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

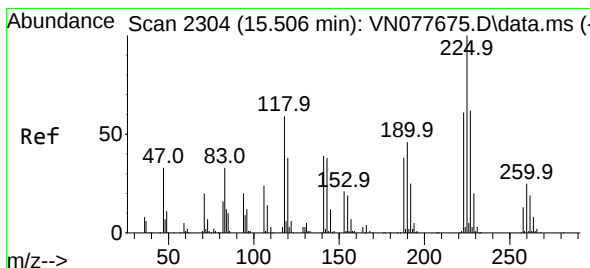
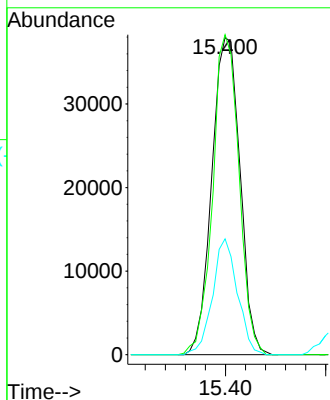
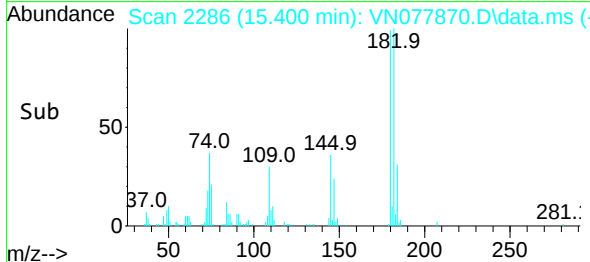
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



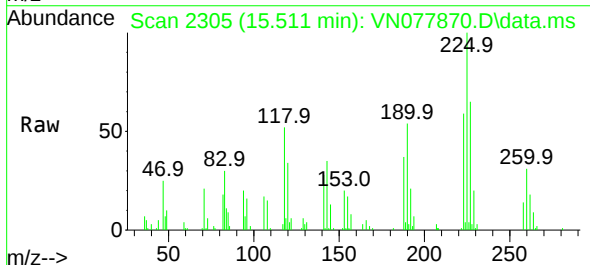
Tgt Ion:180 Resp: 7411
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 32.3 16.6 49.8

Manual Integrations
APPROVED

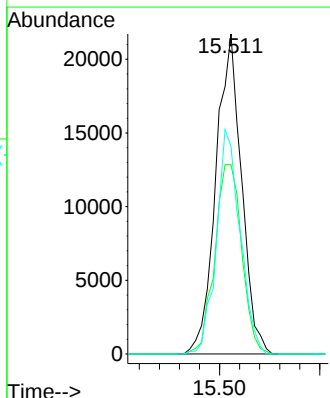
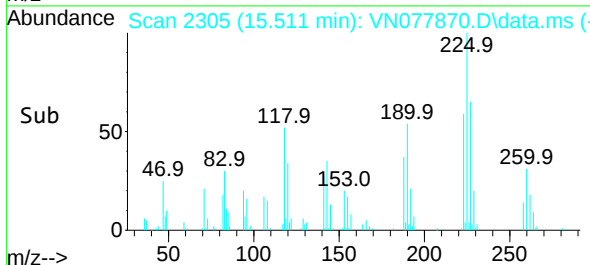
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

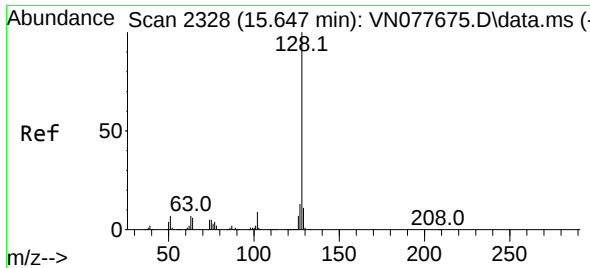


#94
Hexachlorobutadiene
Concen: 19.498 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36



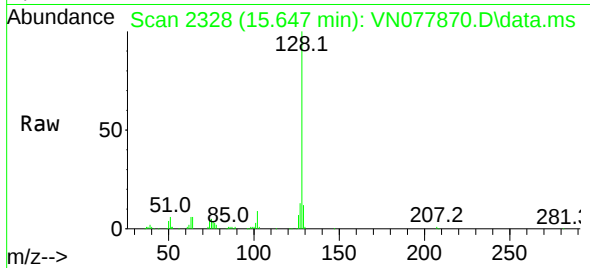
Tgt Ion:225 Resp: 38369
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.8
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 13.653 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

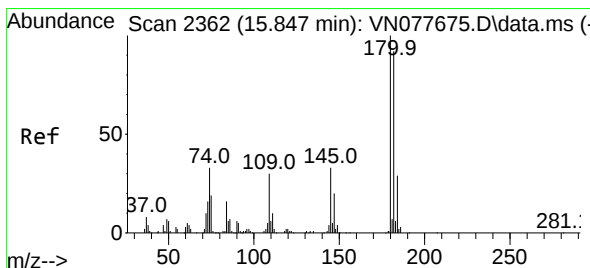
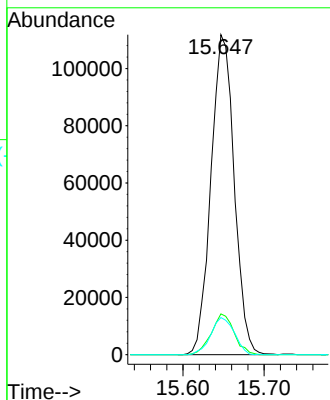
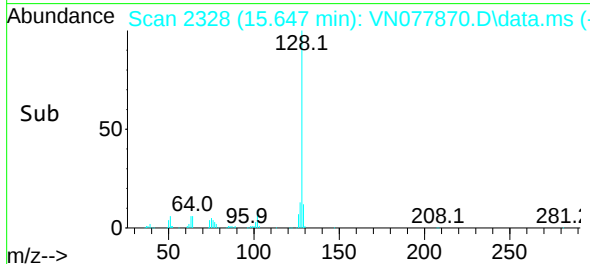
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBS02



Tgt Ion:128 Resp: 222725
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.7 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: 17.017 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077870.D
Acq: 25 May 2023 00:36

Tgt Ion:180 Resp: 78963
Ion Ratio Lower Upper
180 100
182 94.0 46.2 138.6
145 35.4 17.5 52.6

