

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077686.D
 Acq On : 16 May 2023 12:30
 Operator : JC\MD
 Sample : VN0516WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

Quant Time: May 17 03:57:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	398585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	639330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	273944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	271557	45.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.060%		
35) Dibromofluoromethane	8.171	113	219076	46.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.040%		
50) Toluene-d8	10.571	98	848675	46.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.620%		
62) 4-Bromofluorobenzene	12.853	95	284614	43.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	89177	19.659	ug/l	98
3) Chloromethane	2.365	50	88597	17.248	ug/l	95
4) Vinyl Chloride	2.518	62	106249	18.578	ug/l	98
5) Bromomethane	2.959	94	78916	18.657	ug/l	95
6) Chloroethane	3.124	64	78020	18.929	ug/l #	86
7) Trichlorofluoromethane	3.506	101	151198	18.970	ug/l	98
8) Diethyl Ether	3.965	74	54887	18.863	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	85274	19.333	ug/l	98
10) Methyl Iodide	4.595	142	101173	19.233	ug/l	95
11) Tert butyl alcohol	5.524	59	76911	93.444	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	80014	19.086	ug/l	93
13) Acrolein	4.183	56	52901	84.266	ug/l	92
14) Allyl chloride	5.030	41	113529	18.434	ug/l	94
15) Acrylonitrile	5.724	53	200442	91.154	ug/l	98
16) Acetone	4.436	43	164510	87.678	ug/l	94
17) Carbon Disulfide	4.718	76	198635	17.585	ug/l	97
18) Methyl Acetate	5.036	43	145597	18.497	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	279620	18.427	ug/l	97
20) Methylene Chloride	5.289	84	94910	18.177	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	84015	17.841	ug/l #	79
22) Diisopropyl ether	6.683	45	270497	18.739	ug/l #	93
23) Vinyl Acetate	6.612	43	800496	89.503	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	167007	18.884	ug/l	96
25) 2-Butanone	7.488	43	268534	91.490	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	142247	18.932	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	104144	18.444	ug/l	88
28) Bromochloromethane	7.818	49	80206	20.970	ug/l	85
29) Tetrahydrofuran	7.841	42	165141	85.926	ug/l	86
30) Chloroform	7.971	83	180173	18.520	ug/l	89
31) Cyclohexane	8.265	56	152176	18.774	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	158389	19.150	ug/l	97
36) 1,1-Dichloropropene	8.377	75	132121	18.973	ug/l	97
37) Ethyl Acetate	7.571	43	106684	17.188	ug/l	95
38) Carbon Tetrachloride	8.365	117	136184	19.367	ug/l	95
39) Methylcyclohexane	9.606	83	163201	19.143	ug/l	87
40) Benzene	8.612	78	393680	19.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	56921	17.220	ug/l	91
42) 1,2-Dichloroethane	8.677	62	141790	18.995	ug/l	99
43) Isopropyl Acetate	8.694	43	187291	18.474	ug/l #	94
44) Trichloroethene	9.359	130	98462	18.923	ug/l	99
45) 1,2-Dichloropropane	9.630	63	99382	18.960	ug/l	99
46) Dibromomethane	9.712	93	70451	18.783	ug/l	100
47) Bromodichloromethane	9.894	83	140760	19.603	ug/l	98
48) Methyl methacrylate	9.688	41	90123	18.750	ug/l	86
49) 1,4-Dioxane	9.700	88	34827	383.623	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	569434	94.493	ug/l	93
52) Toluene	10.635	92	246788	19.291	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	141408	18.596	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	156866	18.720	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	98075	19.308	ug/l	96
56) Ethyl methacrylate	10.882	69	144780	18.851	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	165779	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	329553	87.220	ug/l	89
59) 2-Hexanone	11.200	43	408668	91.685	ug/l	92
60) Dibromochloromethane	11.365	129	96554	18.413	ug/l	99
61) 1,2-Dibromoethane	11.476	107	98005	19.340	ug/l	97
64) Tetrachloroethene	11.112	164	87766	19.630	ug/l	97
65) Chlorobenzene	11.900	112	255194	18.412	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	93068	19.407	ug/l	99
67) Ethyl Benzene	11.971	91	468286	18.854	ug/l	97
68) m/p-Xylenes	12.076	106	350045	37.194	ug/l	93
69) o-Xylene	12.406	106	177679	19.197	ug/l	97
70) Styrene	12.418	104	276642	18.815	ug/l	97
71) Bromoform	12.588	173	59841	18.757	ug/l #	99
73) Isopropylbenzene	12.700	105	464921	19.688	ug/l	100
74) N-amyl acetate	12.500	43	156483	17.928	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	132637	18.258	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	118734m	17.307	ug/l	
77) Bromobenzene	12.988	156	98181	18.219	ug/l	94
78) n-propylbenzene	13.041	91	521167	18.720	ug/l	99
79) 2-Chlorotoluene	13.129	91	320304	19.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	385894	19.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	38314	17.852	ug/l	87
82) 4-Chlorotoluene	13.229	91	309575	18.730	ug/l	99
83) tert-Butylbenzene	13.447	119	328781	18.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	380783	19.508	ug/l	99
85) sec-Butylbenzene	13.623	105	466259	18.936	ug/l	100
86) p-Isopropyltoluene	13.735	119	384734	19.599	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	180785	18.140	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	178682	18.068	ug/l	97
89) n-Butylbenzene	14.065	91	330493	18.304	ug/l	99
90) Hexachloroethane	14.341	117	60194	18.666	ug/l	91
91) 1,2-Dichlorobenzene	14.117	146	177920	19.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24167	17.183	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	93747	17.231	ug/l	98
94) Hexachlorobutadiene	15.511	225	41159	18.220	ug/l	98
95) Naphthalene	15.647	128	294456	15.724	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	86907	16.315	ug/l	97

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MSVOA_N
ClientSampleId :
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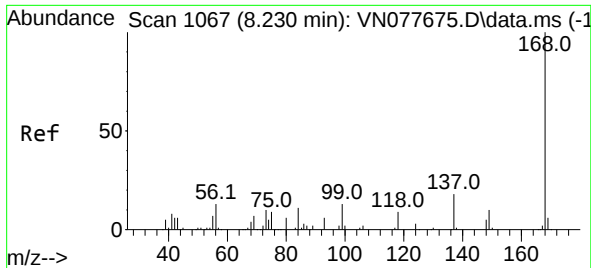
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/17/2023

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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

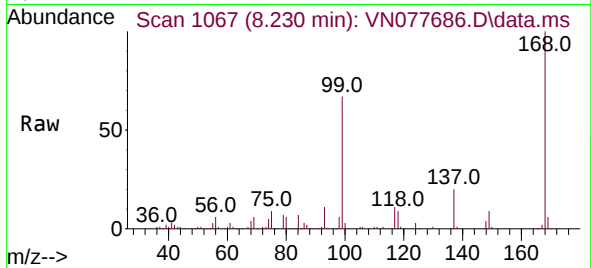
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077686.D
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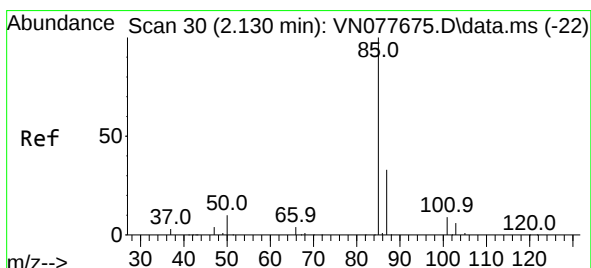
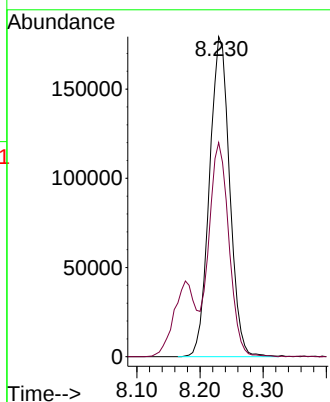
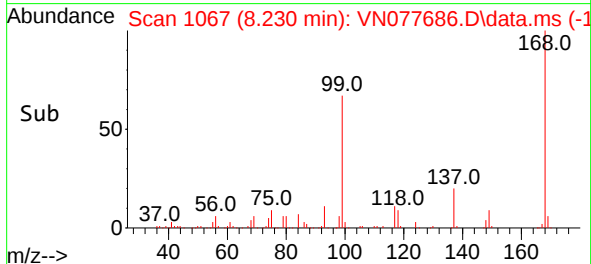
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion:168 Resp: 39858
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6

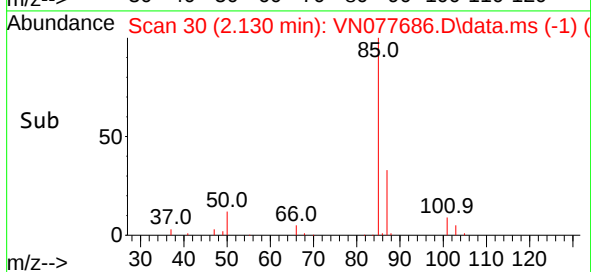
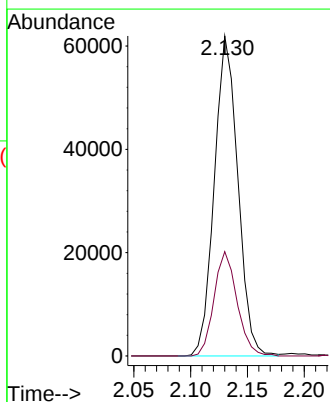
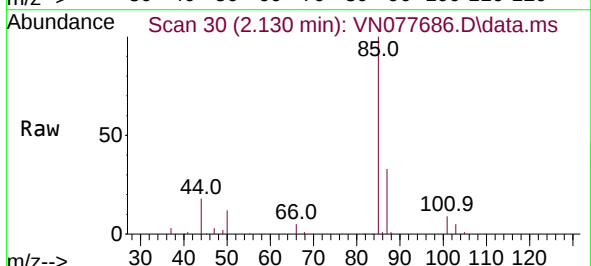
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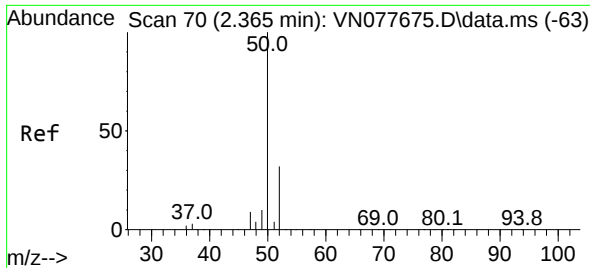
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 19.659 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

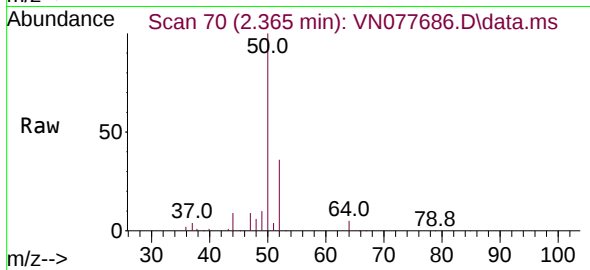
Tgt Ion: 85 Resp: 89177
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 17.248 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

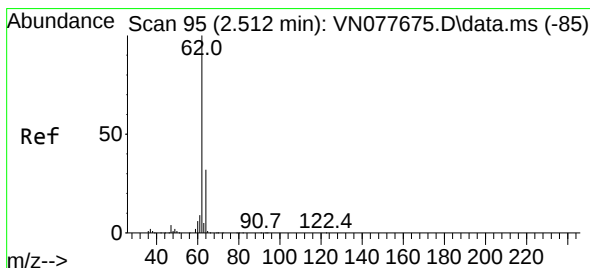
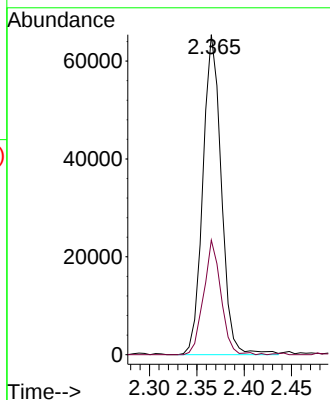
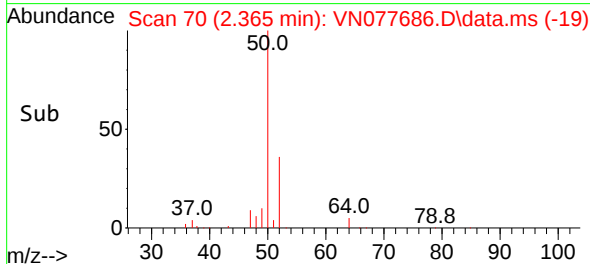
Instrument :
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Tgt Ion: 50 Resp: 8859
Ion Ratio Lower Upper
50 100
52 35.8 26.5 39.7

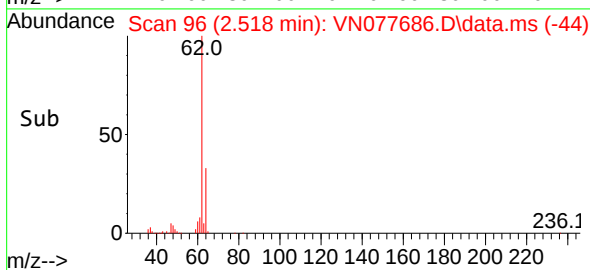
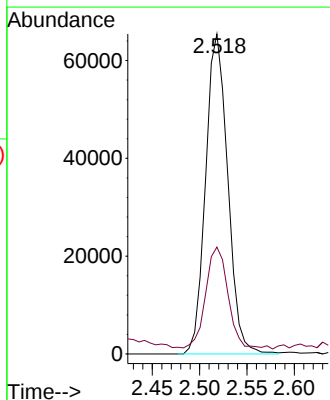
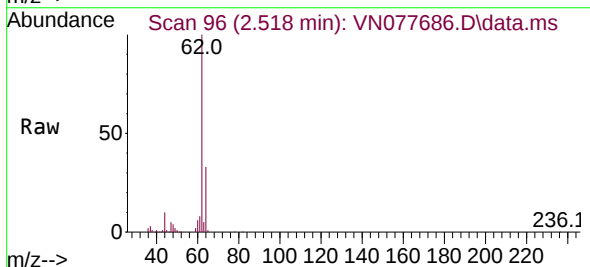
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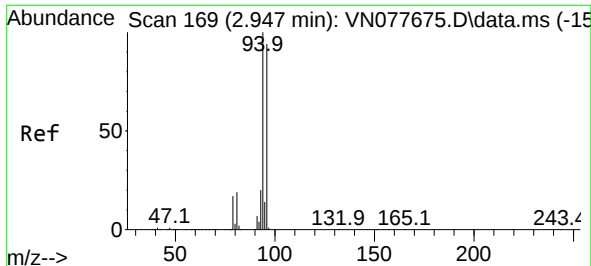
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#4
Vinyl Chloride
Concen: 18.578 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

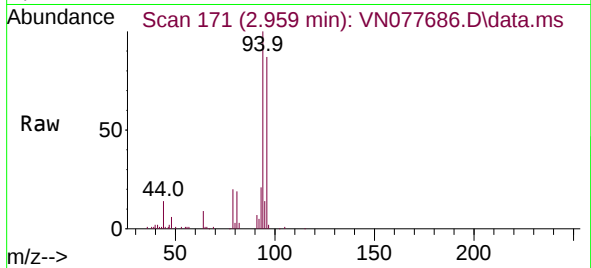
Tgt Ion: 62 Resp: 106249
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 18.657 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

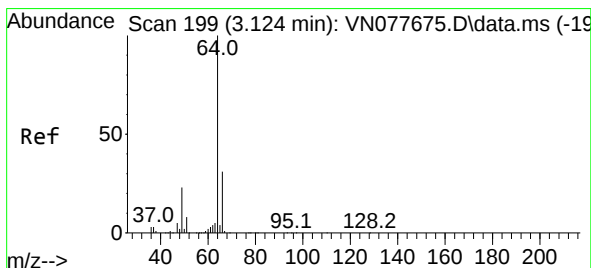
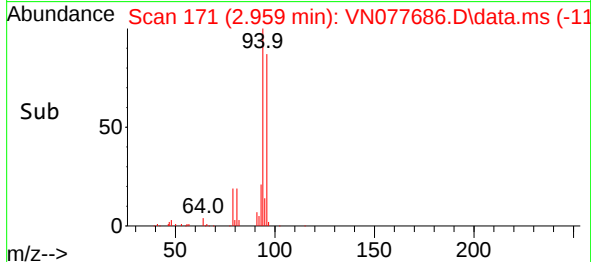
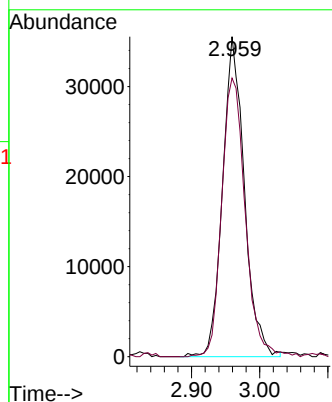
Instrument :
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Tgt Ion: 94 Resp: 78910
Ion Ratio Lower Upper
94 100
96 87.0 73.1 109.7

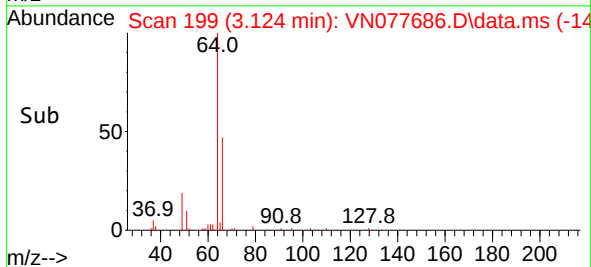
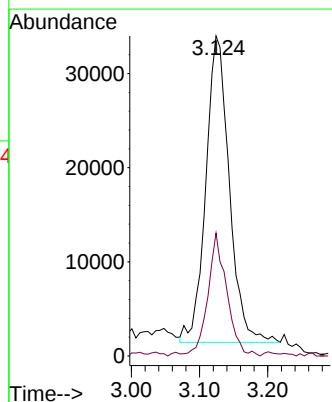
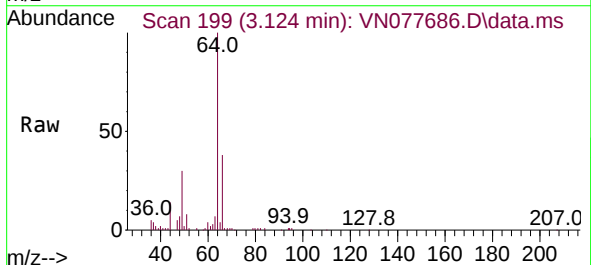
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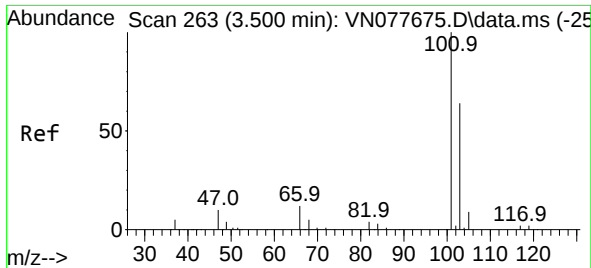
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#6
Chloroethane
Concen: 18.929 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion: 64 Resp: 78020
Ion Ratio Lower Upper
64 100
66 39.5 25.4 38.2#





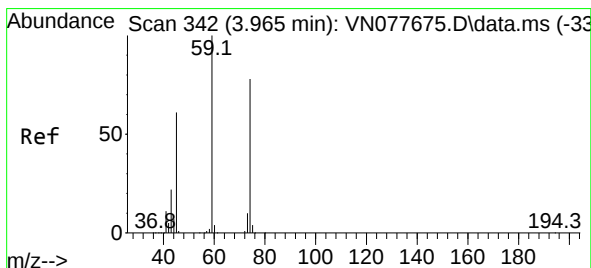
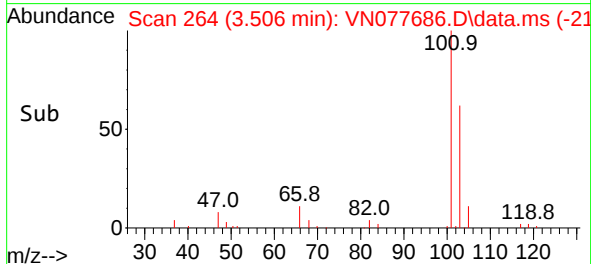
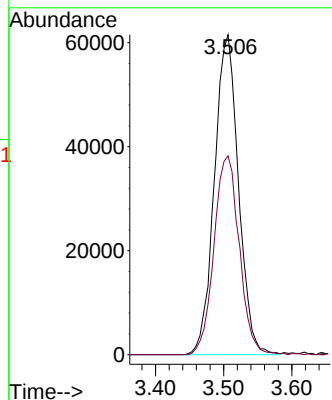
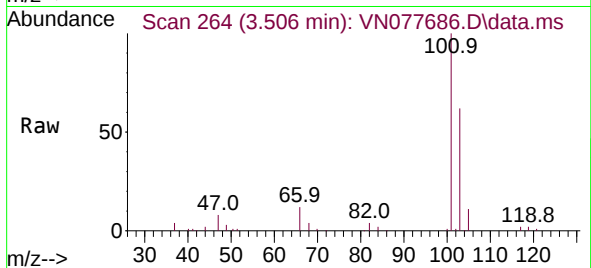
#7
Trichlorofluoromethane
Concen: 18.970 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 151198
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1

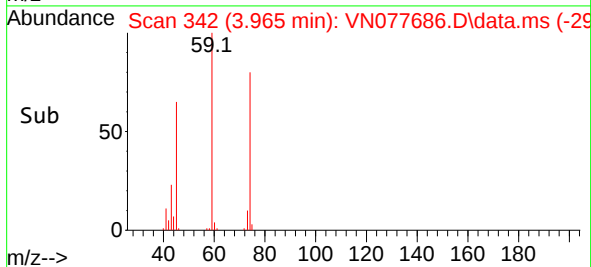
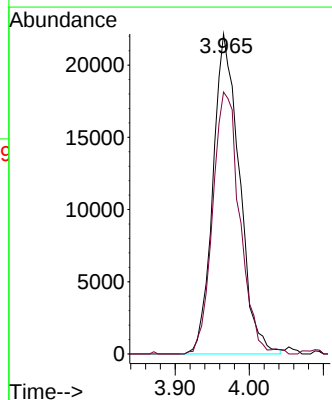
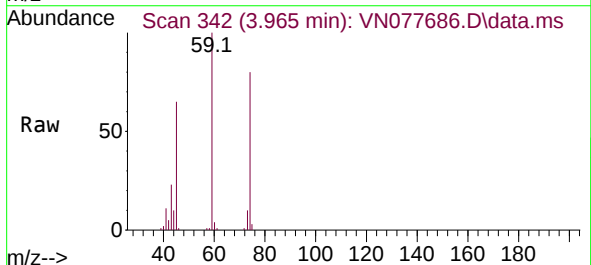
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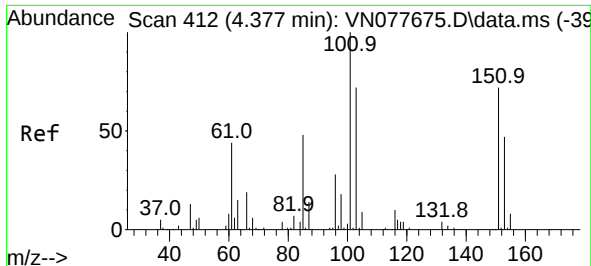
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#8
Diethyl Ether
Concen: 18.863 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion: 74 Resp: 54887
Ion Ratio Lower Upper
74 100
45 83.7 34.4 103.3





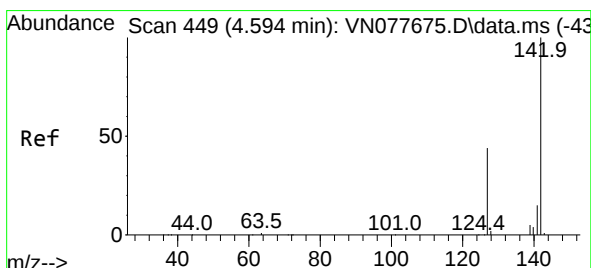
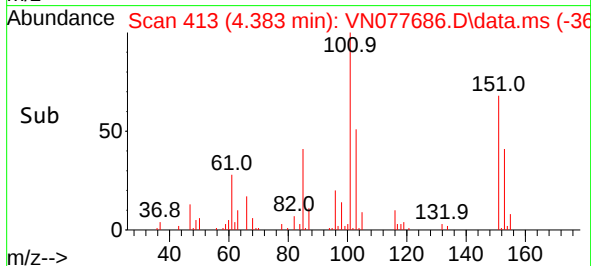
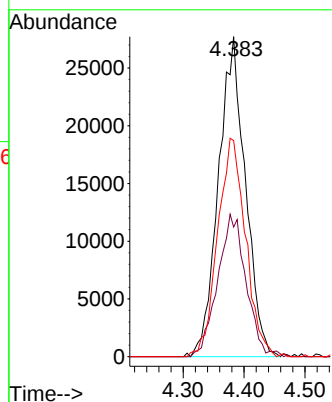
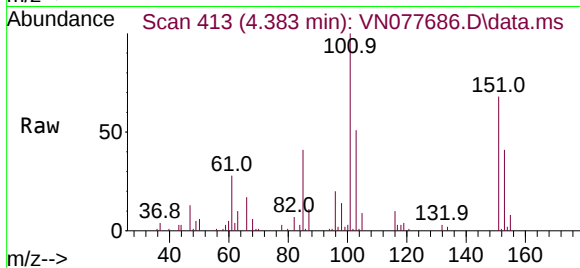
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.333 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:101 Resp: 85274
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 70.5 57.6 86.4

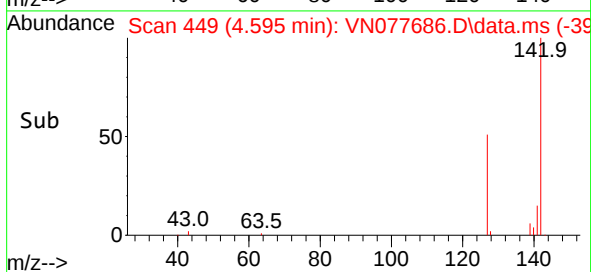
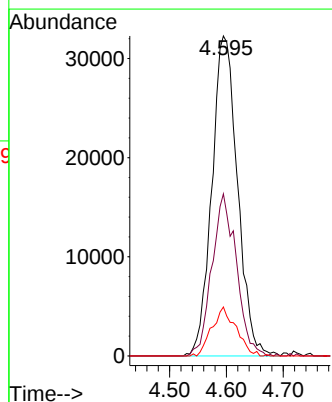
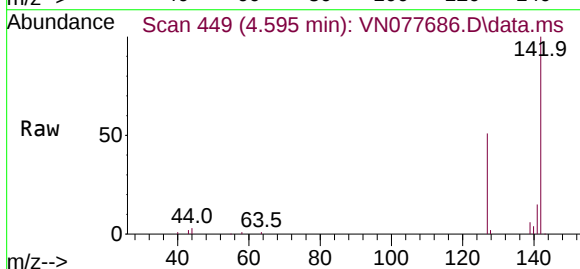
Manual Integrations
APPROVED

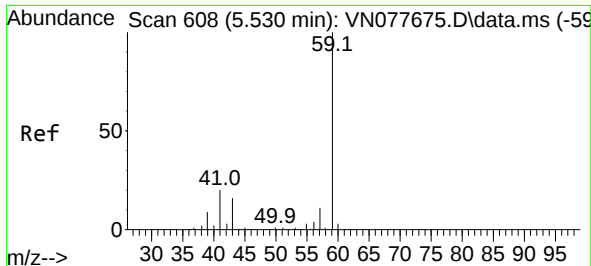
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 19.233 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

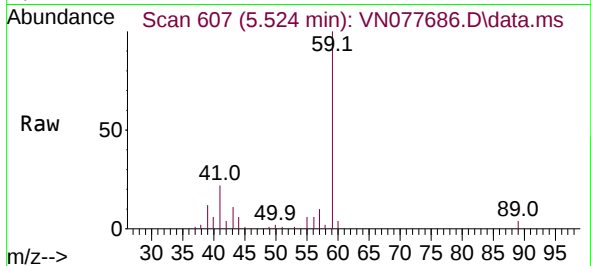
Tgt Ion:142 Resp: 101173
Ion Ratio Lower Upper
142 100
127 50.6 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.444 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

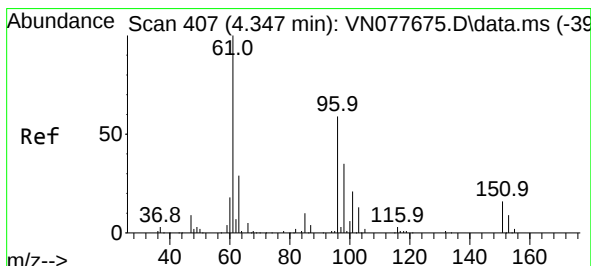
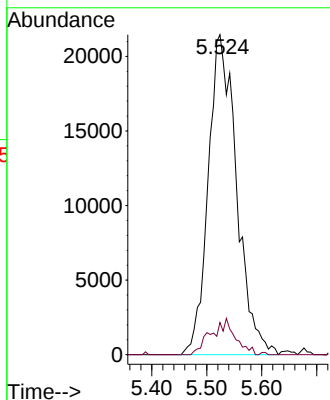
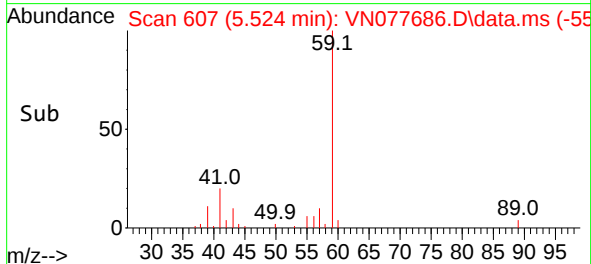
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



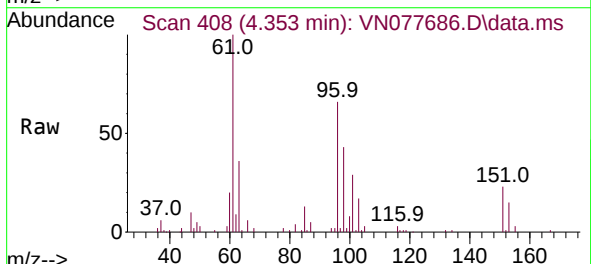
Tgt Ion: 59 Resp: 7691
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4

Manual Integrations
APPROVED

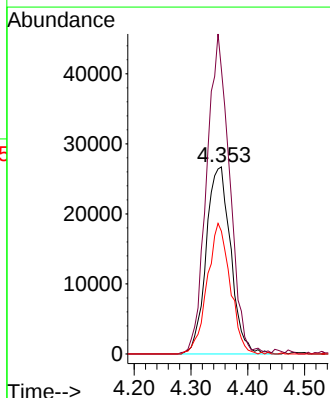
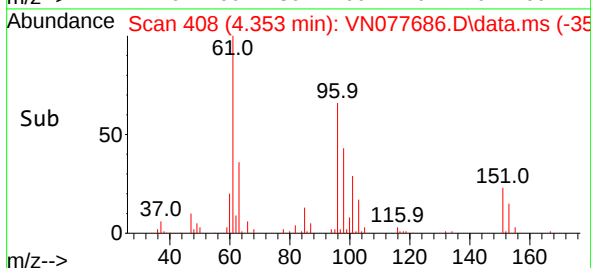
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

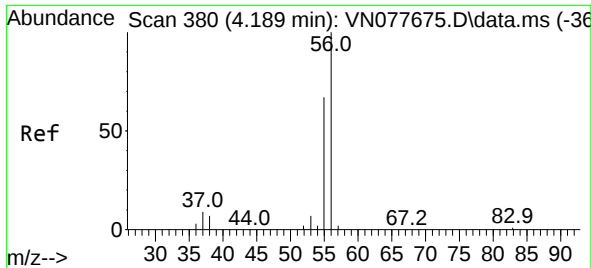


#12
1,1-Dichloroethene
Concen: 19.086 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



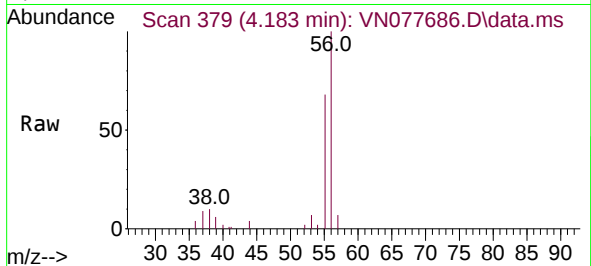
Tgt Ion: 96 Resp: 80014
Ion Ratio Lower Upper
96 100
61 152.1 112.7 169.1
98 65.6 51.2 76.8





#13
Acrolein
Concen: 84.266 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

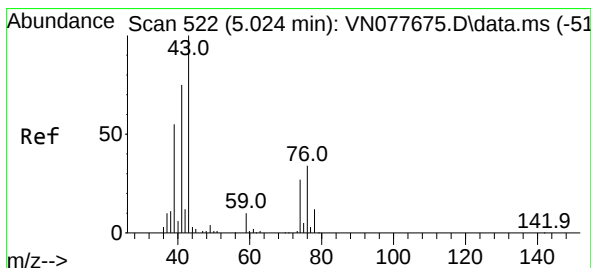
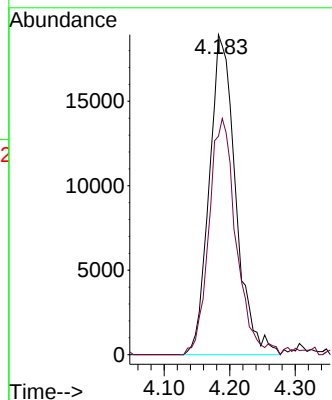
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 56 Resp: 5290
Ion Ratio Lower Upper
56 100
55 74.7 54.5 81.7

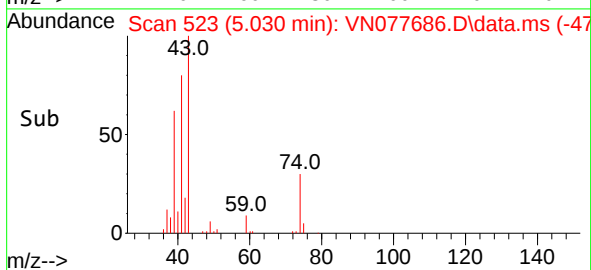
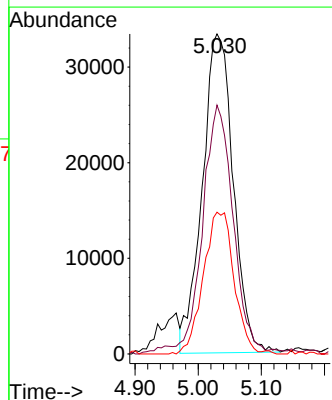
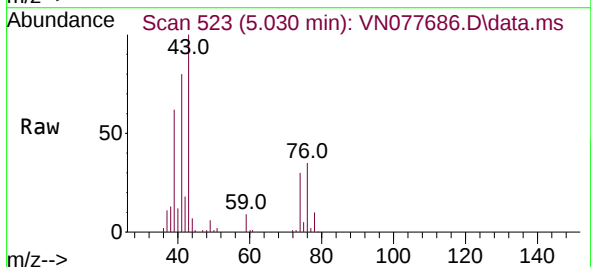
Manual Integrations
APPROVED

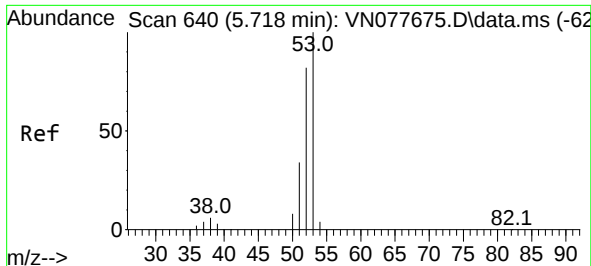
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 18.434 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

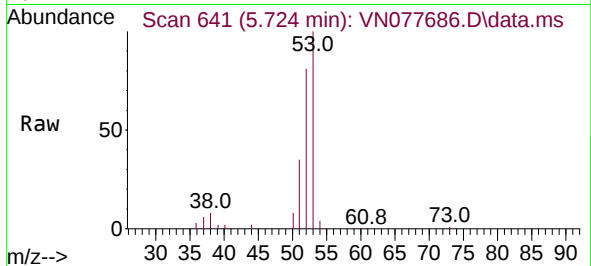
Tgt Ion: 41 Resp: 113529
Ion Ratio Lower Upper
41 100
39 77.9 58.8 88.2
76 43.9 39.1 58.7





#15
Acrylonitrile
Concen: 91.154 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

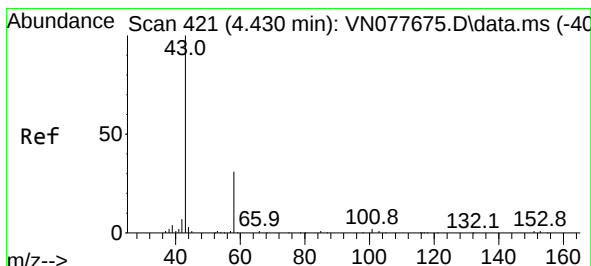
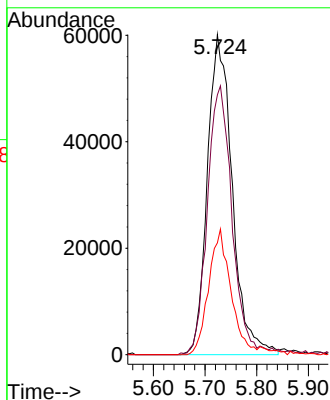
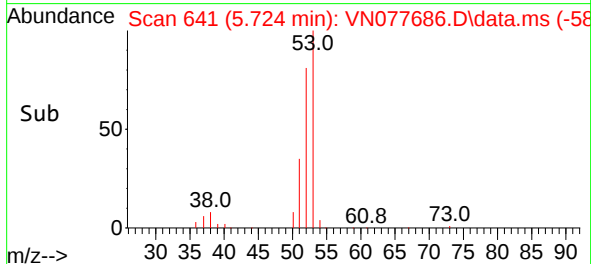
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 53 Resp: 20044
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 35.1 28.9 43.3

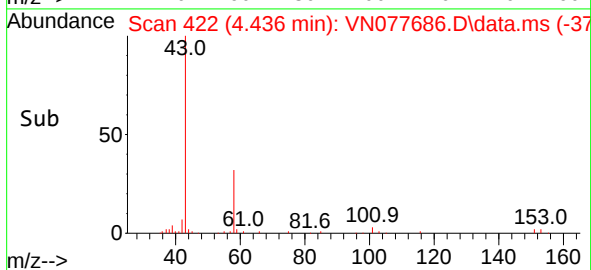
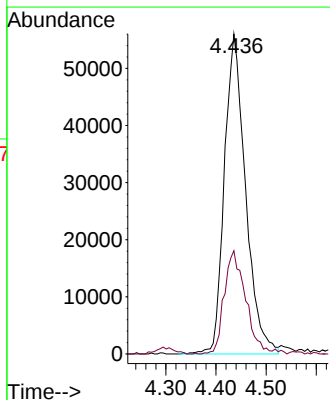
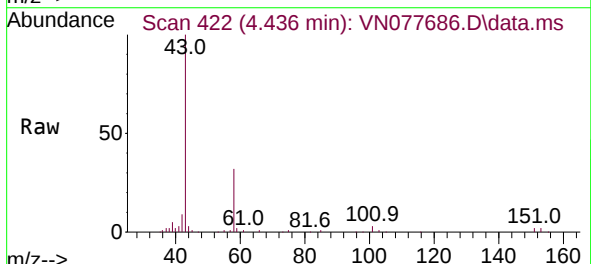
Manual Integrations
APPROVED

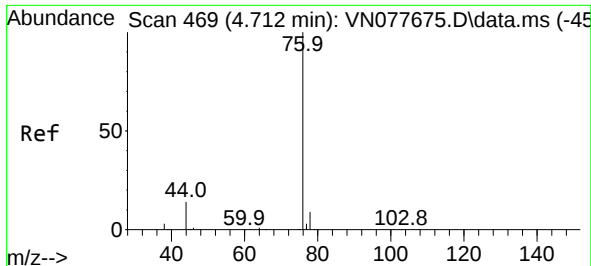
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#16
Acetone
Concen: 87.678 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion: 43 Resp: 164510
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





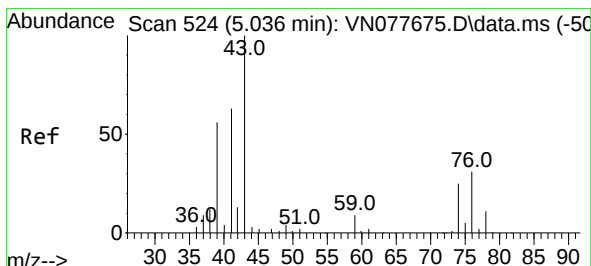
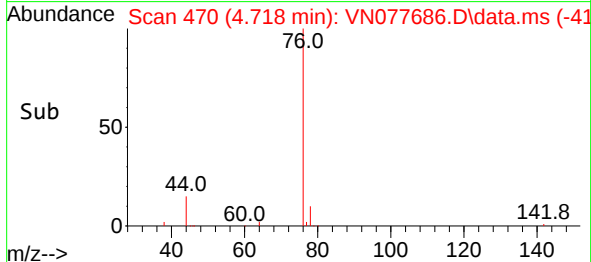
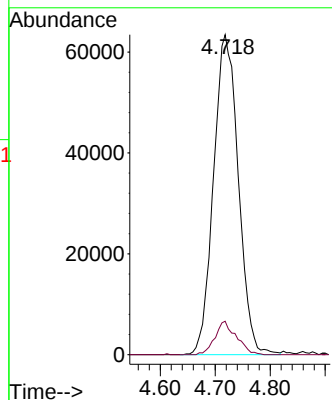
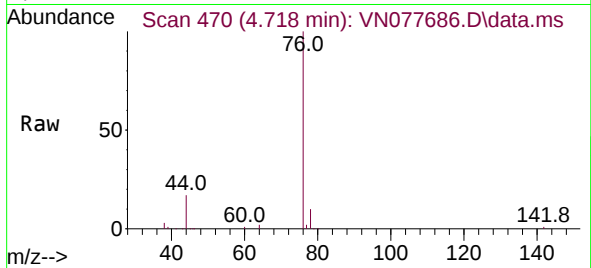
#17
Carbon Disulfide
Concen: 17.585 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 76 Resp: 19863
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

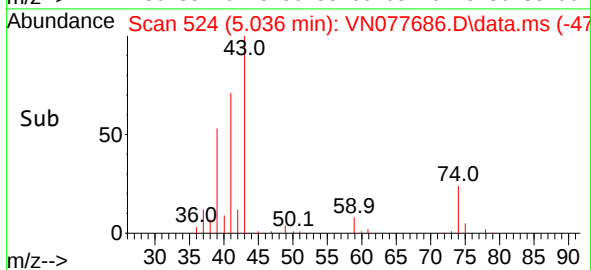
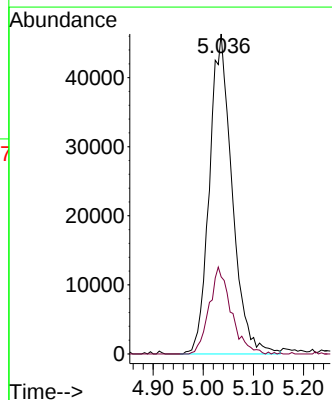
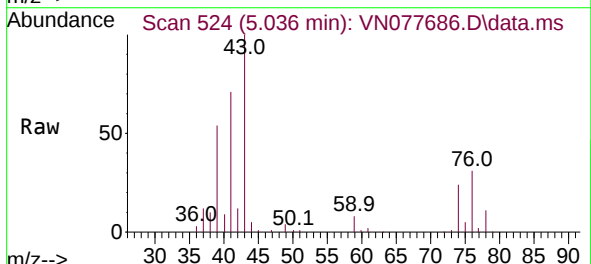
Manual Integrations
APPROVED

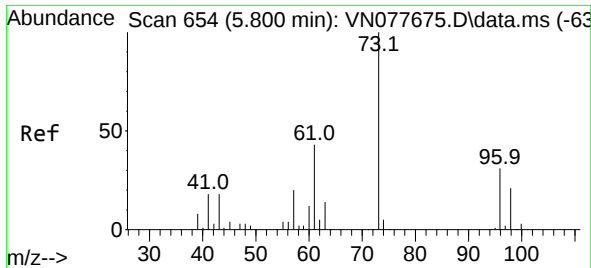
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 18.497 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

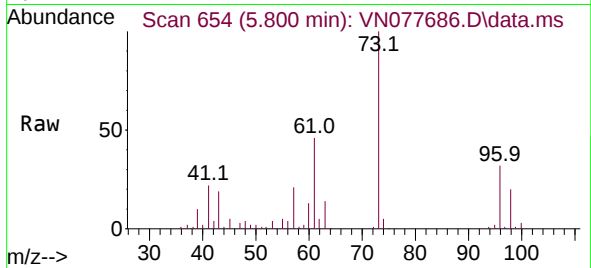
Tgt Ion: 43 Resp: 145597
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.427 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

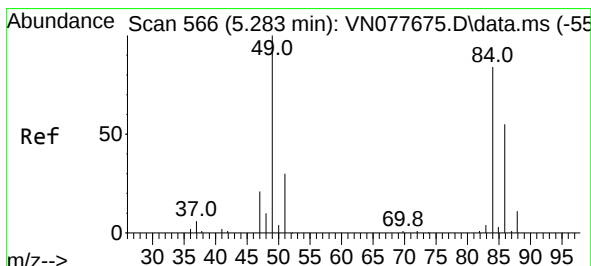
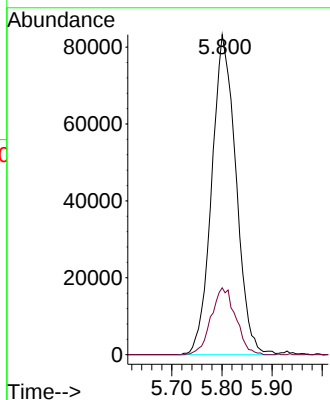
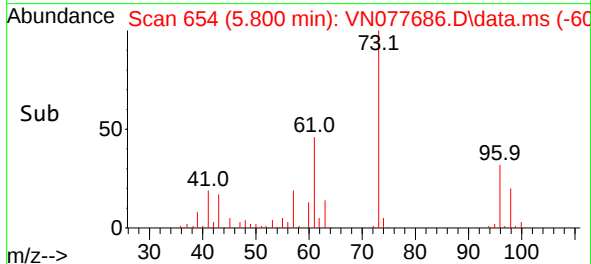
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



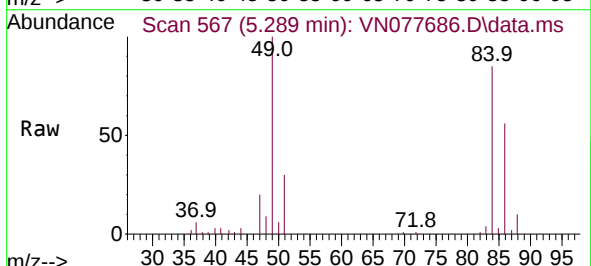
Tgt Ion: 73 Resp: 279620
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

Manual Integrations
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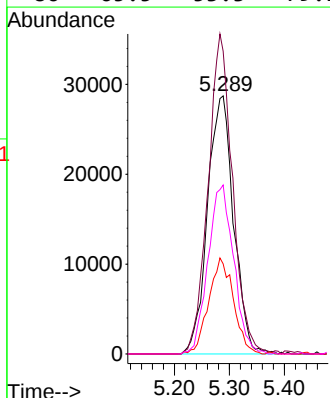
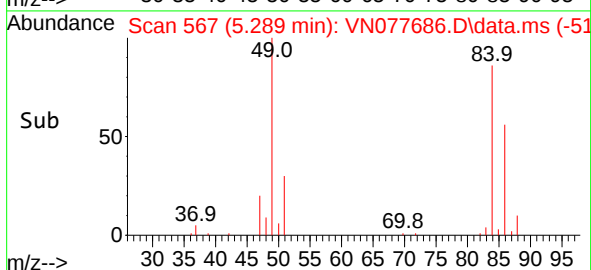
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

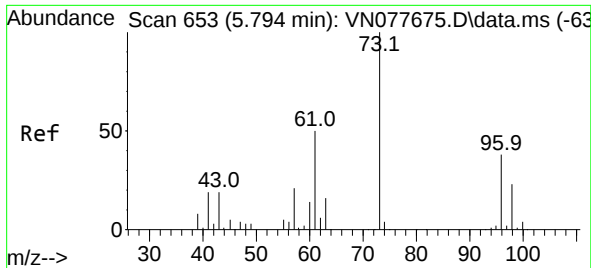


#20
Methylene Chloride
Concen: 18.177 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



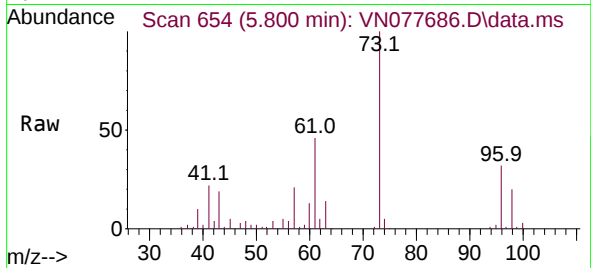
Tgt Ion: 84 Resp: 94910
Ion Ratio Lower Upper
84 100
49 117.3 79.7 119.5
51 34.9 25.2 37.8
86 65.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.841 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

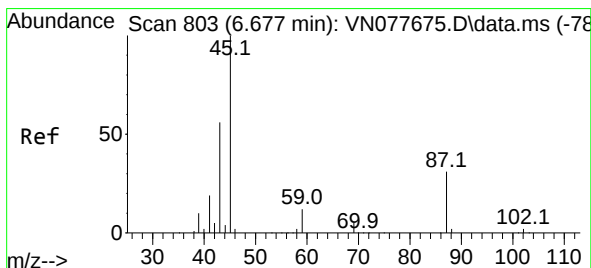
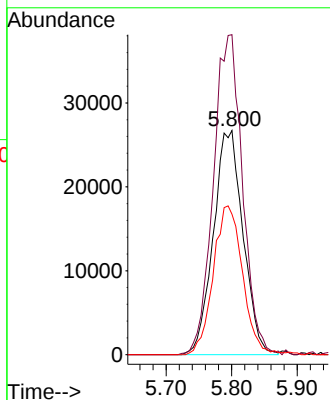
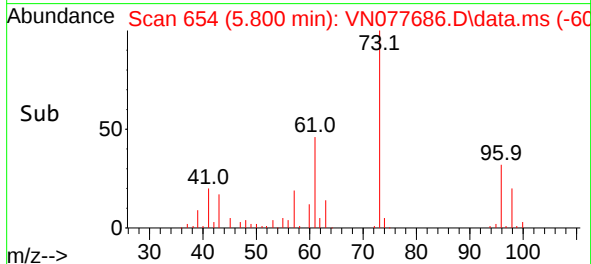
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



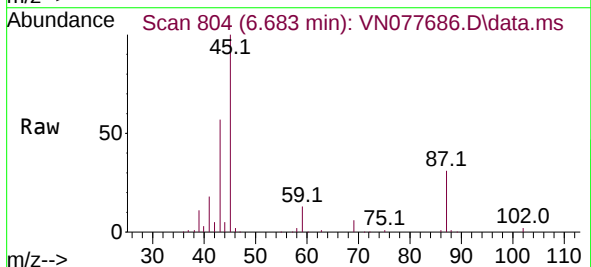
Tgt Ion: 96 Resp: 84015
Ion Ratio Lower Upper
96 100
61 142.7 90.1 135.1
98 62.7 46.4 69.6

Manual Integrations
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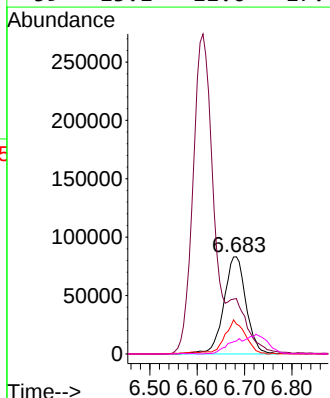
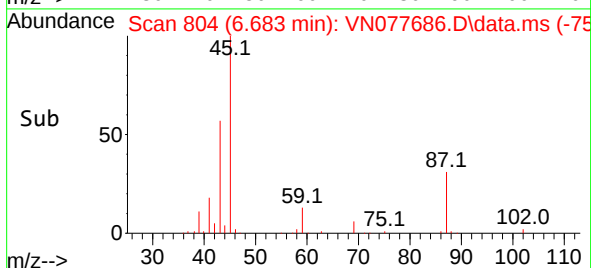
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 18.739 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



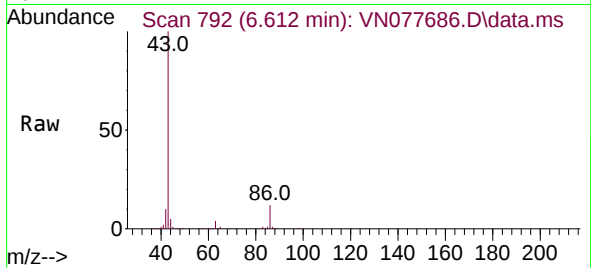
Tgt Ion: 45 Resp: 270497
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 30.8 31.8 47.8
59 13.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.503 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077686.D
 Acq: 16 May 2023 12:30

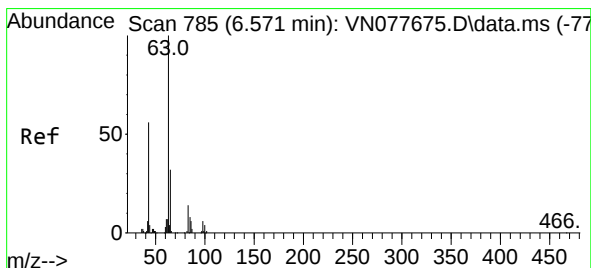
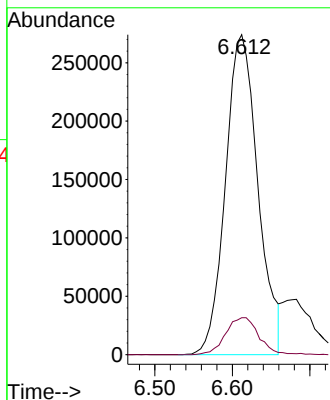
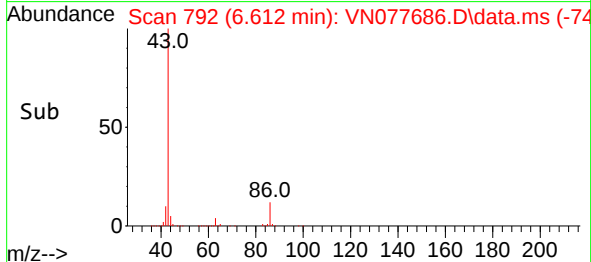
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01



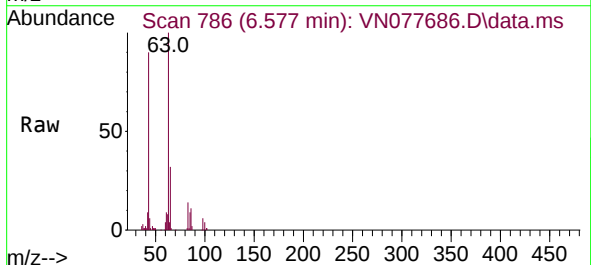
Tgt Ion: 43 Resp: 800490
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

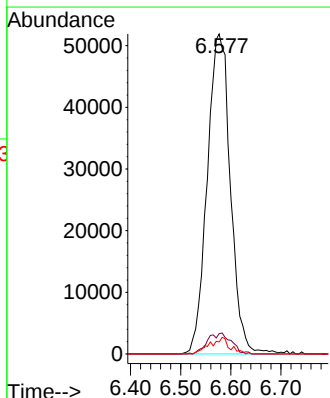
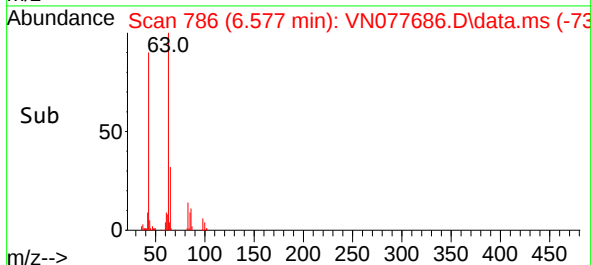
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 18.884 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077686.D
 Acq: 16 May 2023 12:30



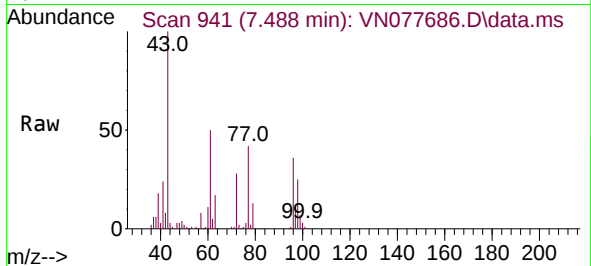
Tgt Ion: 63 Resp: 167007
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 91.490 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

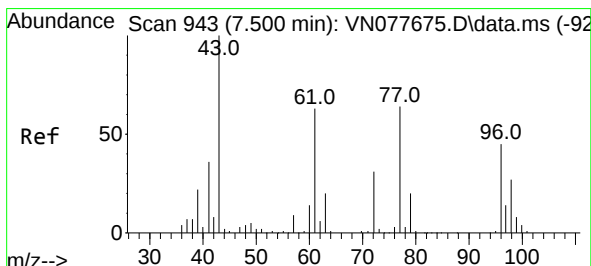
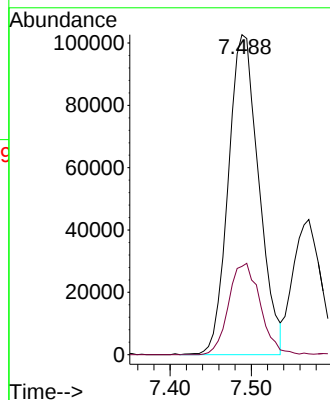
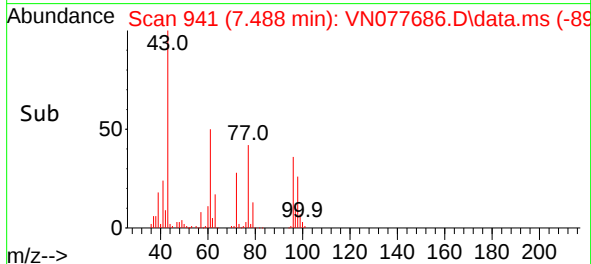
Instrument :
MSVOA_N
Client Sample Id :
VN0516WBS01



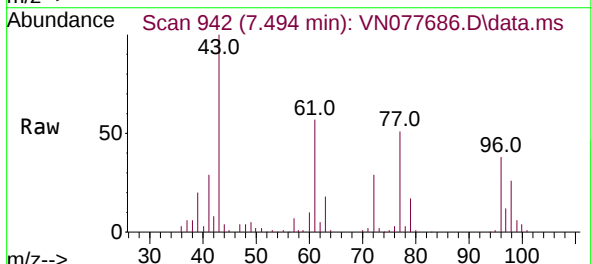
Tgt Ion: 43 Resp: 268534
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2

Manual Integrations
APPROVED

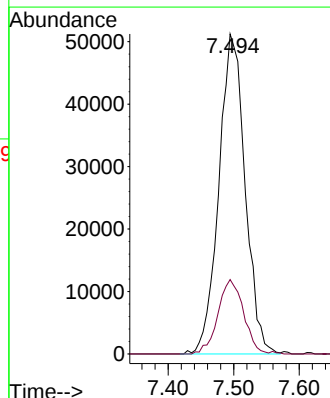
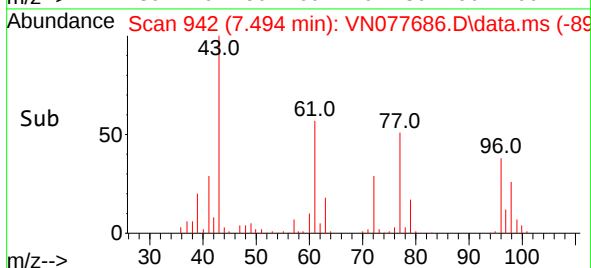
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

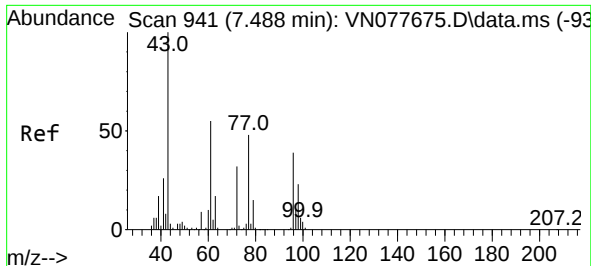


#26
2,2-Dichloropropane
Concen: 18.932 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



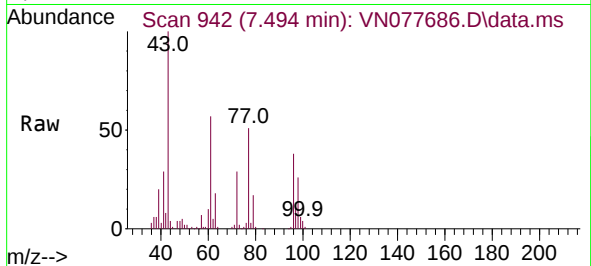
Tgt Ion: 77 Resp: 142247
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.444 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

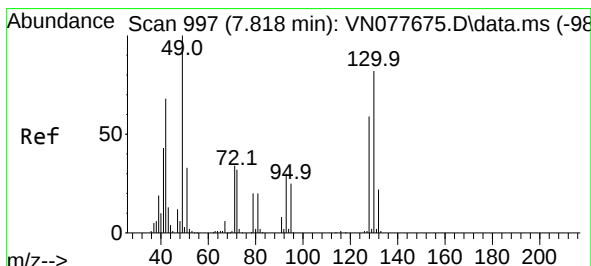
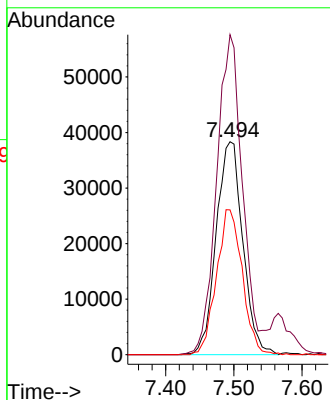
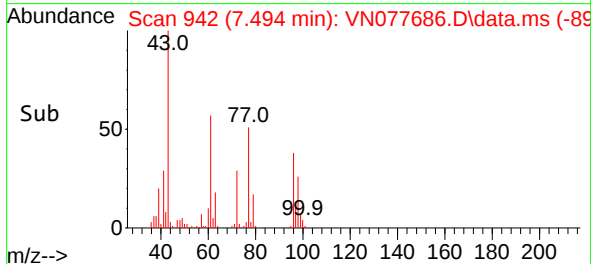
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 96 Resp: 104144
Ion Ratio Lower Upper
96 100
61 147.3 0.0 255.2
98 66.0 0.0 128.8

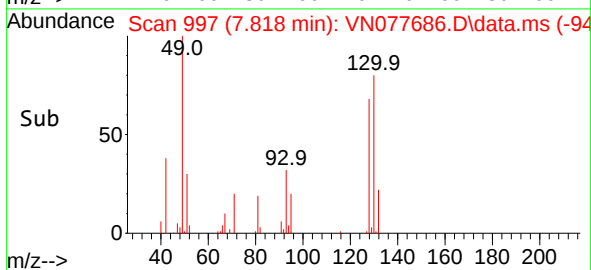
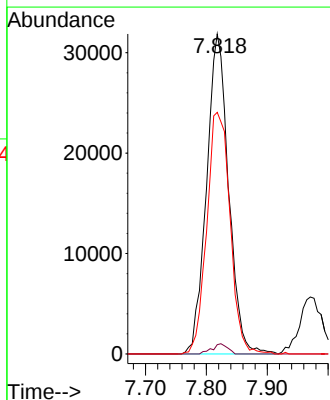
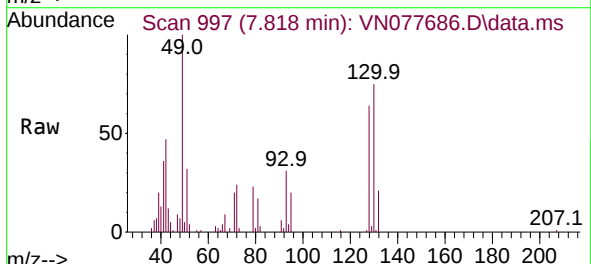
Manual Integrations
APPROVED

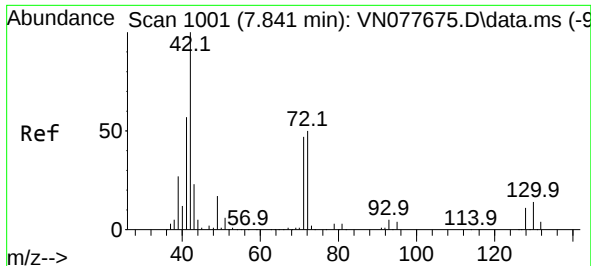
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#28
Bromochloromethane
Concen: 20.970 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion: 49 Resp: 80206
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 79.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 85.926 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077686.D

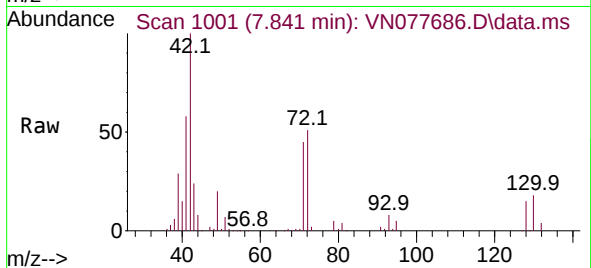
Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01



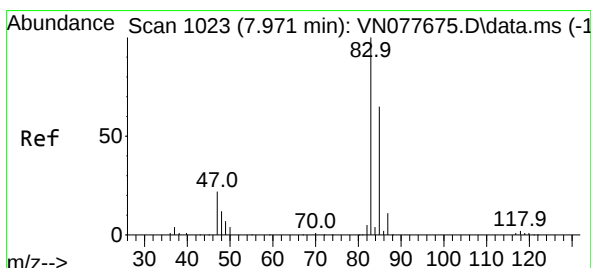
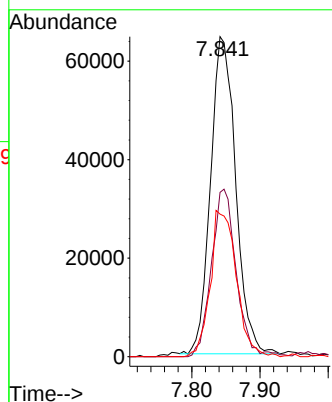
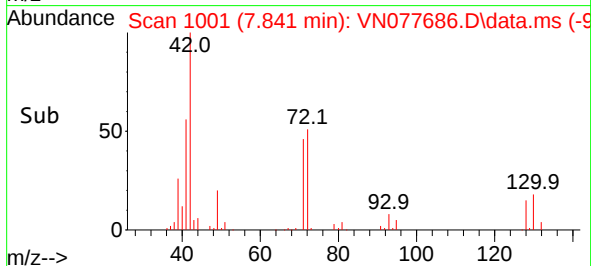
Tgt Ion:	42	Resp:	16514
Ion Ratio	Lower	Upper	
42	100		
72	51.6	49.8	74.6
71	47.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 18.520 ug/l

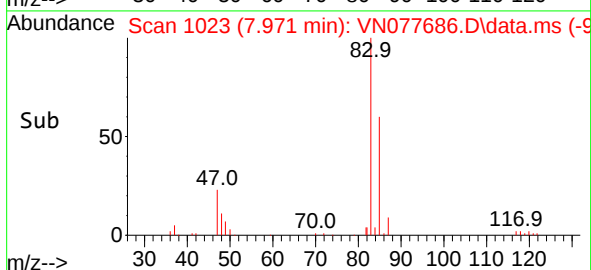
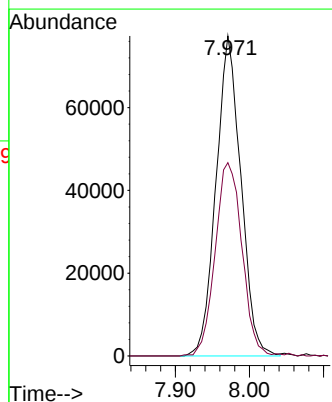
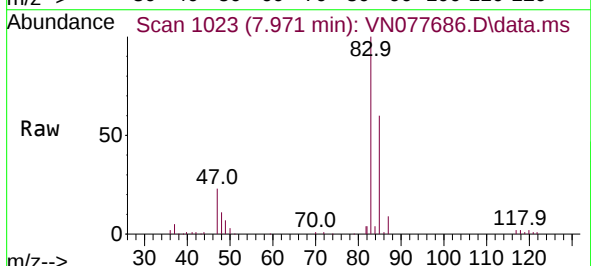
RT: 7.971 min Scan# 1023

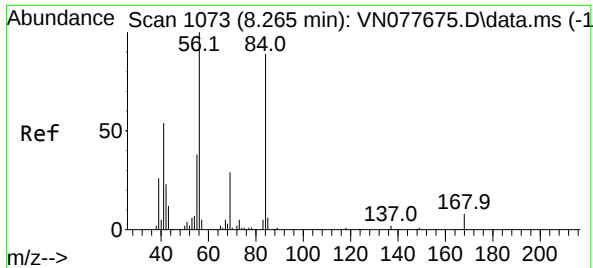
Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

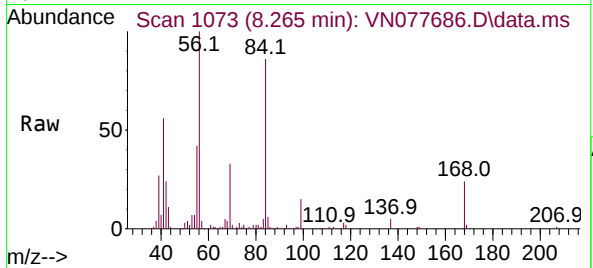
Tgt Ion:	83	Resp:	180173
Ion Ratio	Lower	Upper	
83	100		
85	60.4	55.4	83.0





#31
Cyclohexane
Concen: 18.774 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

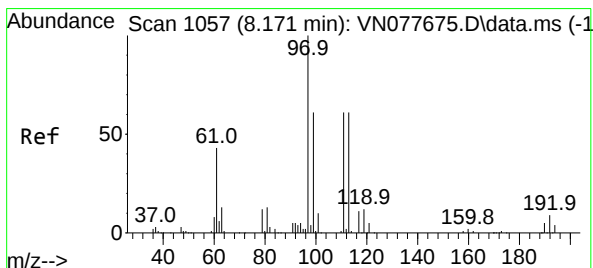
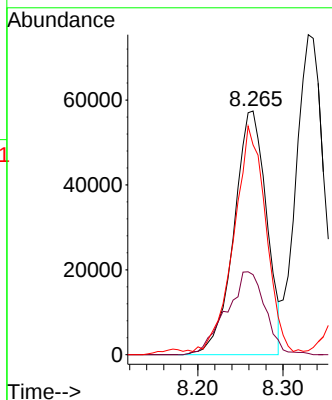
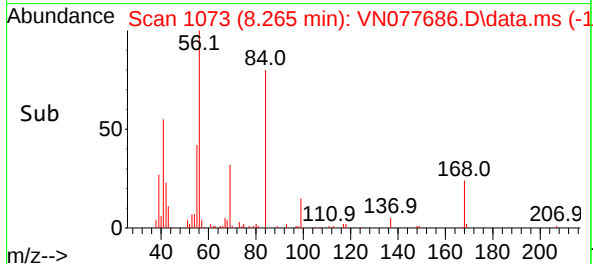
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



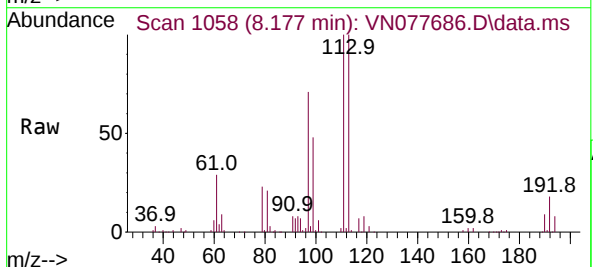
Tgt Ion: 56 Resp: 152170
Ion Ratio Lower Upper
56 100
69 32.9 26.8 40.2
84 84.1 81.8 122.6

Manual Integrations
APPROVED

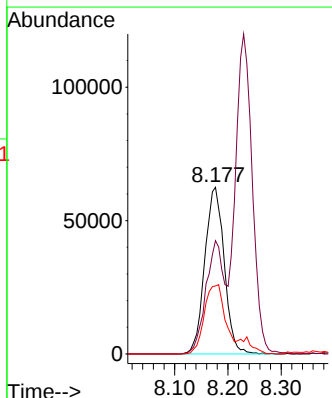
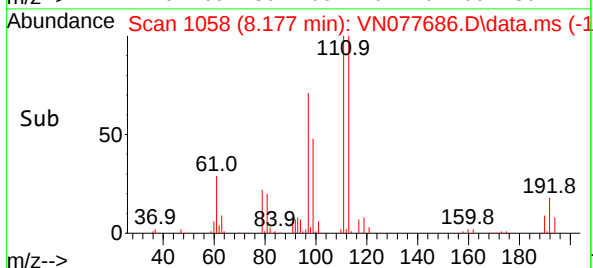
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

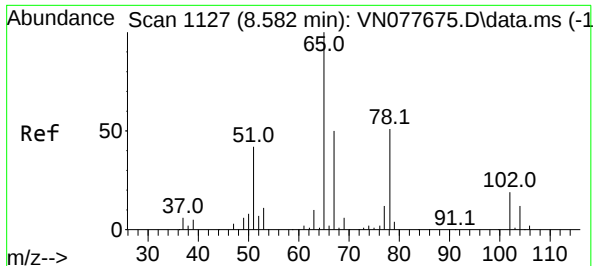


#32
1,1,1-Trichloroethane
Concen: 19.150 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion: 97 Resp: 158389
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 45.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.534 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 65 Resp: 27155

Ion Ratio Lower Upper

65 100

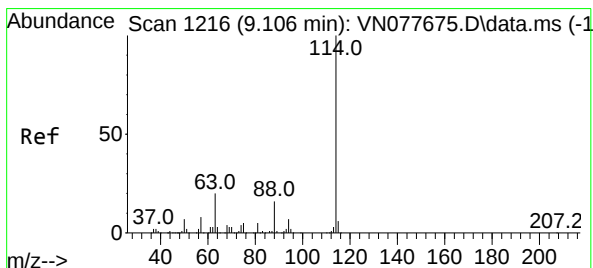
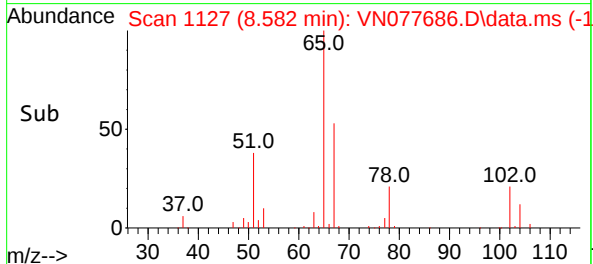
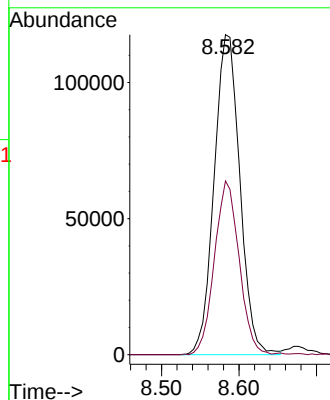
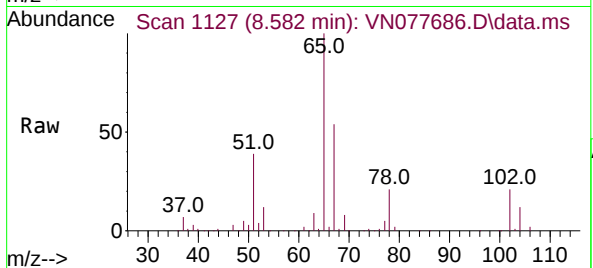
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

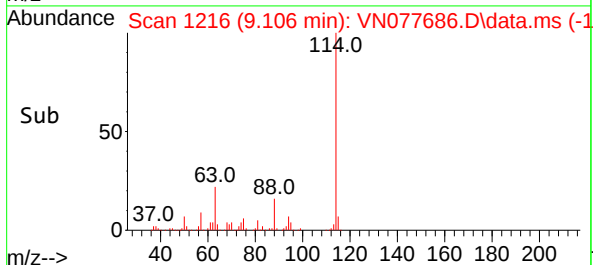
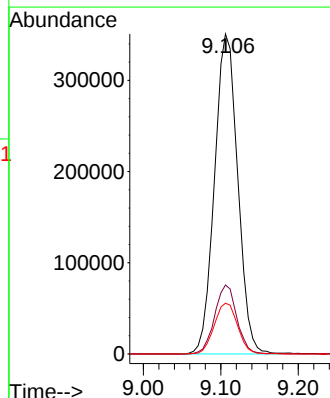
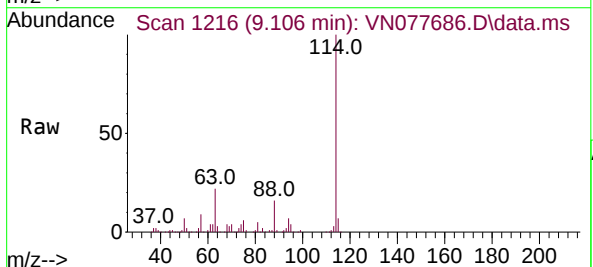
Tgt Ion:114 Resp: 730105

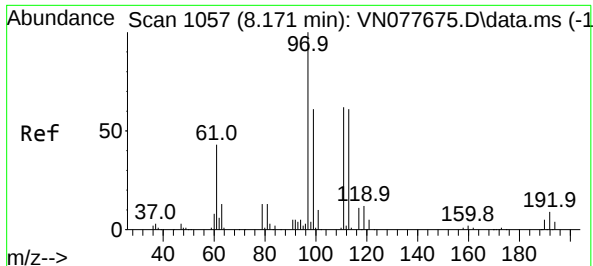
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.015 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 113 Resp: 21907

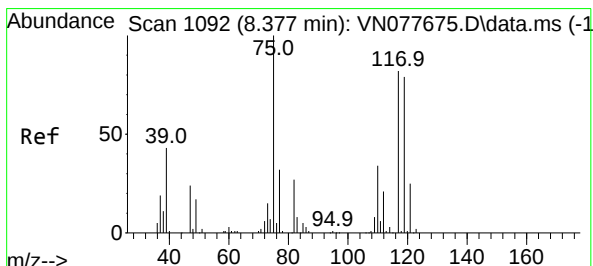
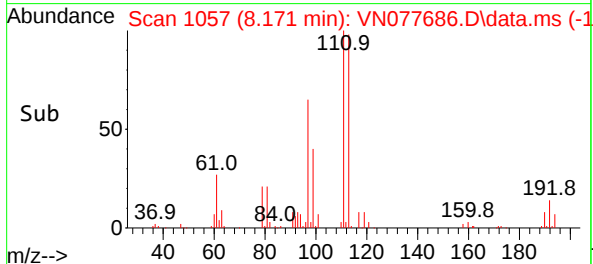
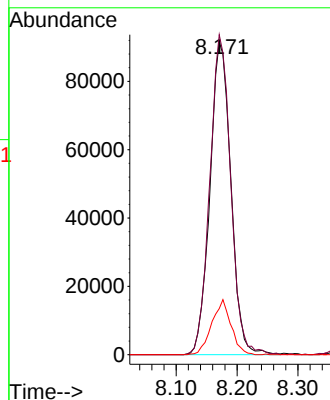
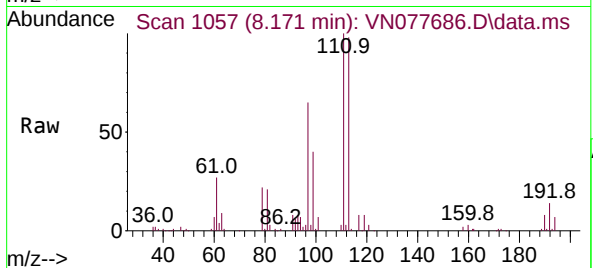
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	16.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#36

1,1-Dichloropropene

Concen: 18.973 ug/l

RT: 8.377 min Scan# 1092

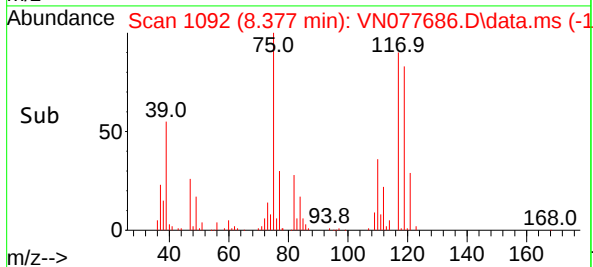
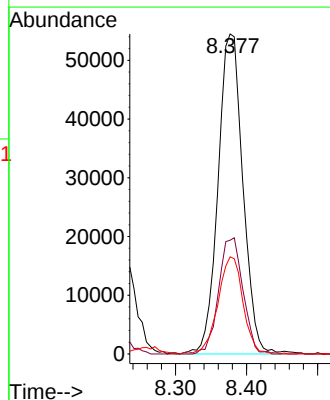
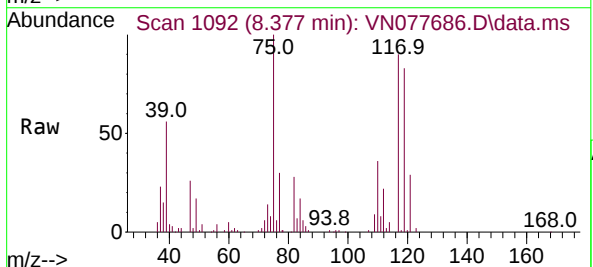
Delta R.T. -0.000 min

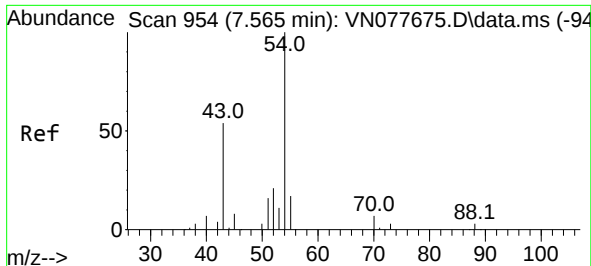
Lab File: VN077686.D

Acq: 16 May 2023 12:30

Tgt Ion: 75 Resp: 132121

Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.1	57.3
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 17.188 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

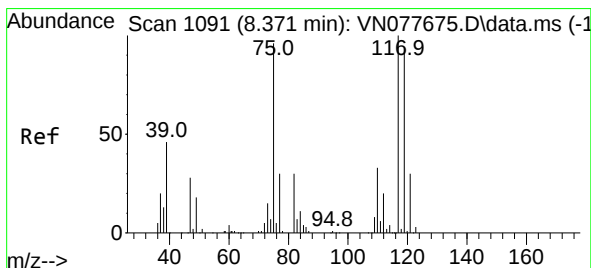
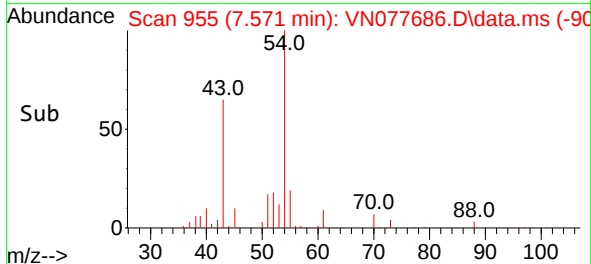
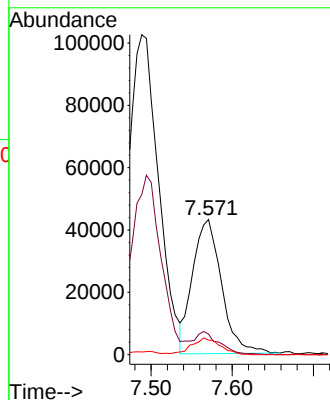
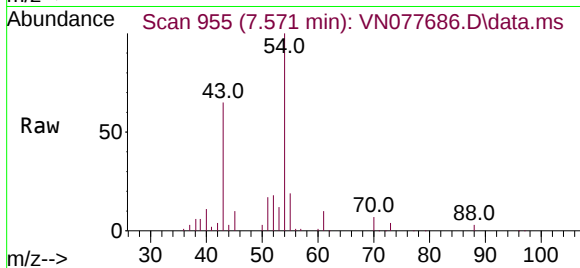
VN0516WBS01

Tgt Ion: 43 Resp: 106684

Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.2	19.8
70	12.2	11.3	16.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38

Carbon Tetrachloride

Concen: 19.367 ug/l

RT: 8.365 min Scan# 1090

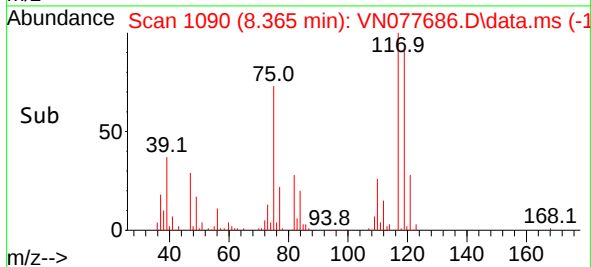
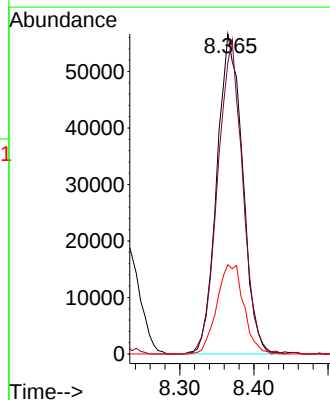
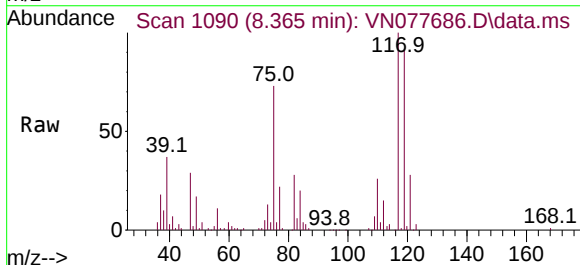
Delta R.T. -0.006 min

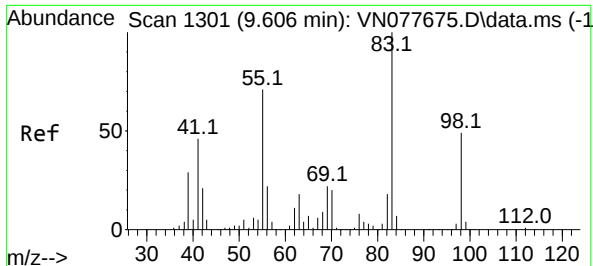
Lab File: VN077686.D

Acq: 16 May 2023 12:30

Tgt Ion:117 Resp: 136184

Ion	Ratio	Lower	Upper
117	100		
119	91.0	77.3	115.9
121	27.9	23.3	34.9





#39

Methylcyclohexane

Concen: 19.143 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 83 Resp: 16320

Ion Ratio Lower Upper

83 100

55 73.2 49.1 73.7

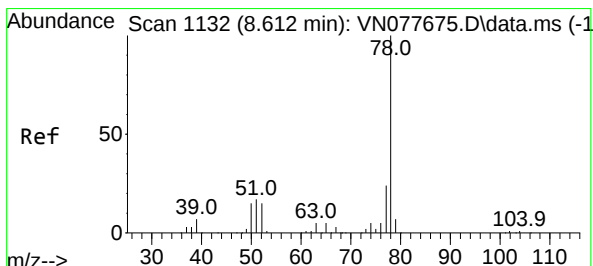
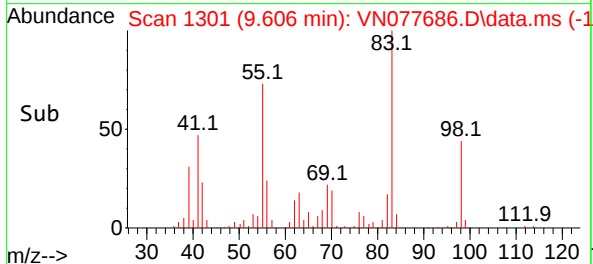
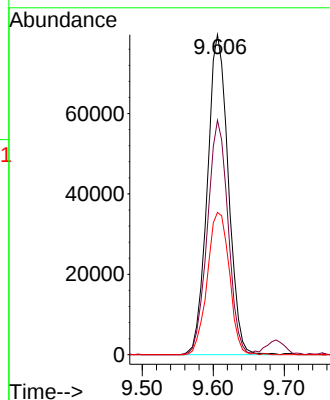
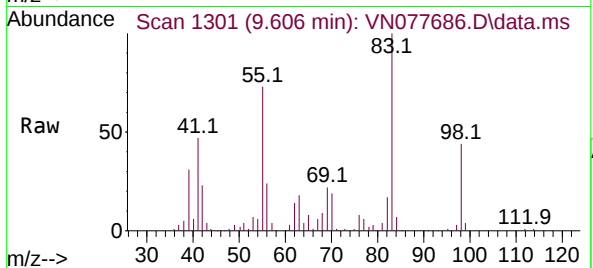
98 44.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 19.158 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077686.D

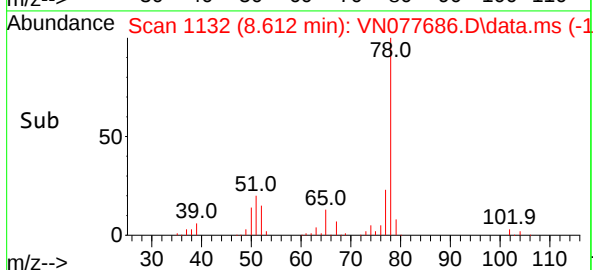
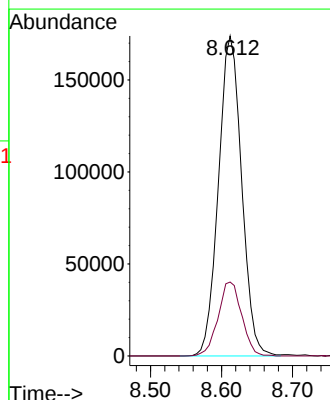
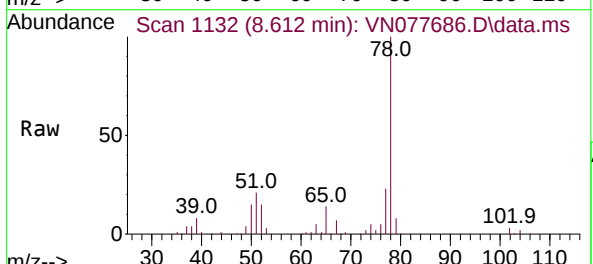
Acq: 16 May 2023 12:30

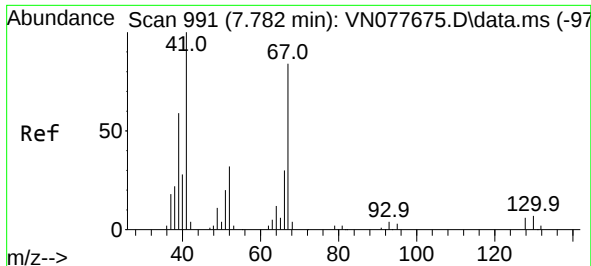
Tgt Ion: 78 Resp: 393680

Ion Ratio Lower Upper

78 100

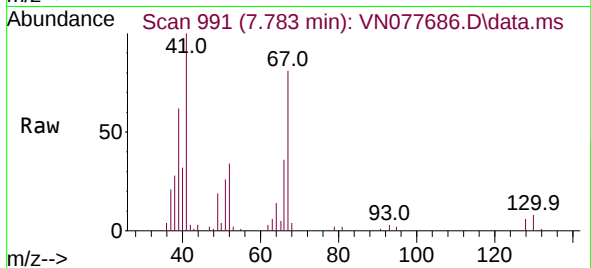
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 17.220 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

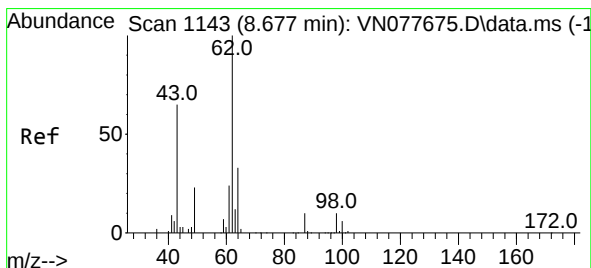
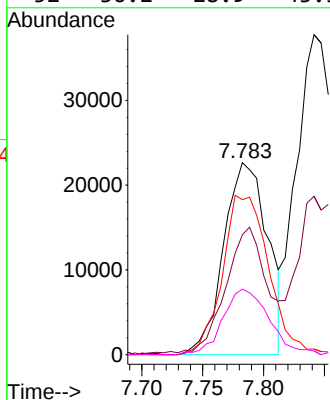
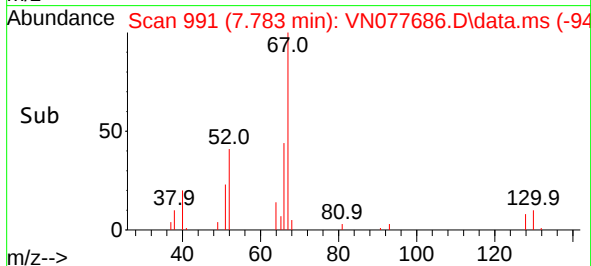
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



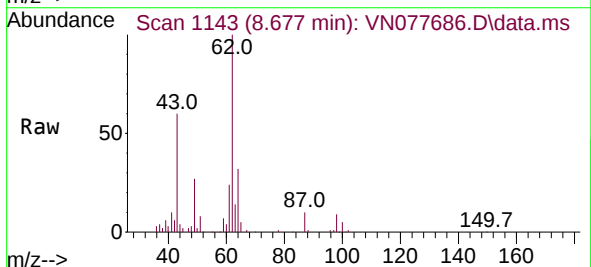
Tgt Ion:	41	Resp:	5692
Ion Ratio	100	Lower	Upper
39	62.6	42.6	64.0
67	87.4	77.5	116.3
52	36.2	28.9	43.3

Manual Integrations
APPROVED

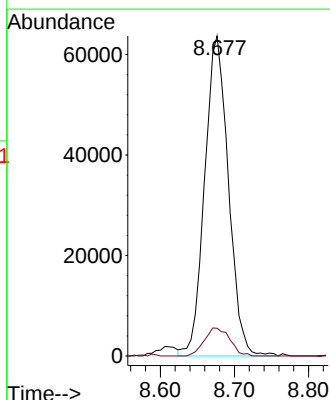
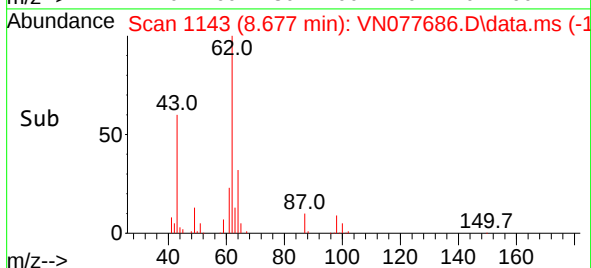
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

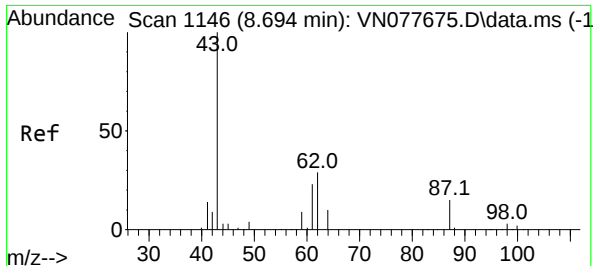


#42
1,2-Dichloroethane
Concen: 18.995 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion:	62	Resp:	141790
Ion Ratio	100	Lower	Upper
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.474 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 43 Resp: 18729

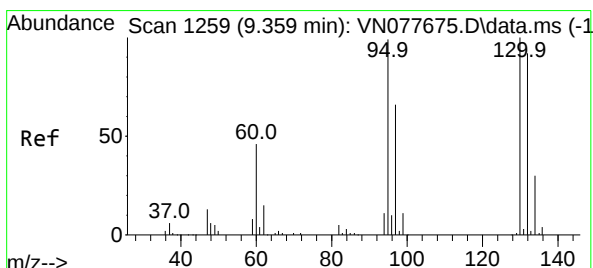
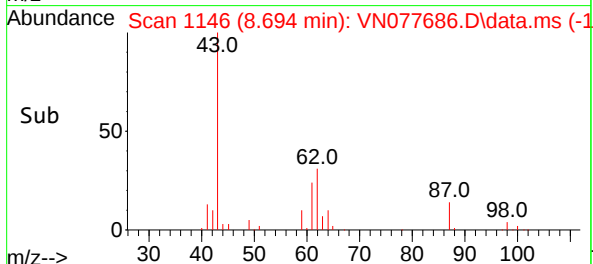
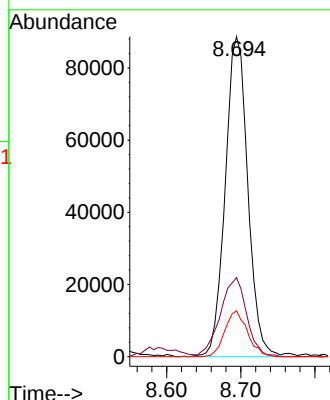
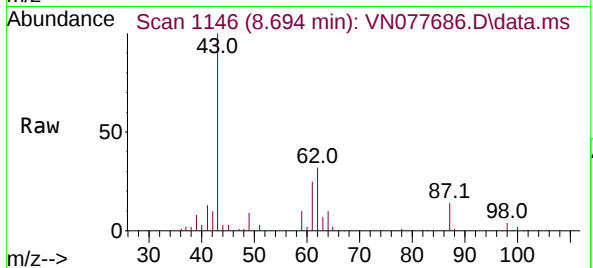
Ion	Ratio	Lower	Upper
43	100		
61	28.8	24.7	37.1
87	14.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#44

Trichloroethene

Concen: 18.923 ug/l

RT: 9.359 min Scan# 1259

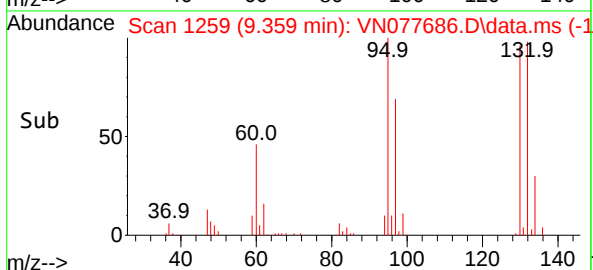
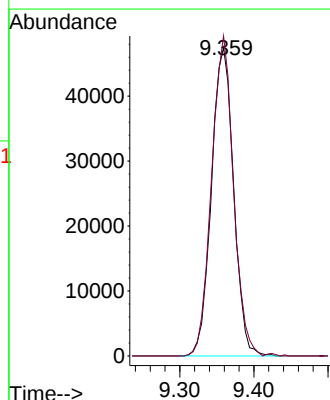
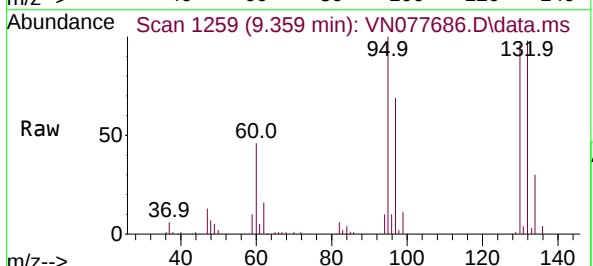
Delta R.T. -0.000 min

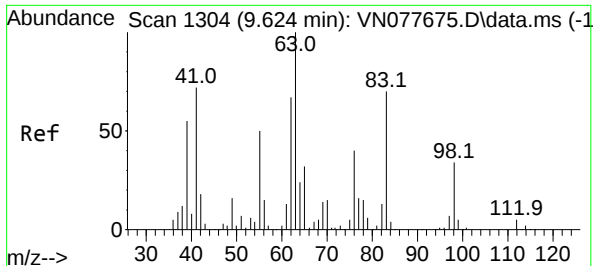
Lab File: VN077686.D

Acq: 16 May 2023 12:30

Tgt Ion:130 Resp: 98462

Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.960 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 63 Resp: 9938

Ion Ratio Lower Upper

63 100

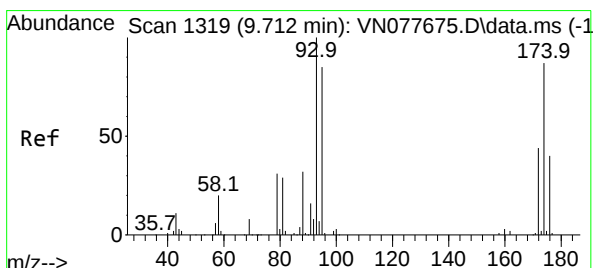
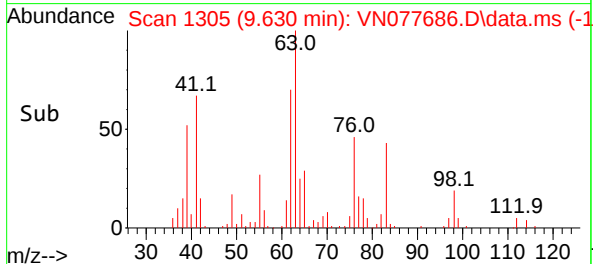
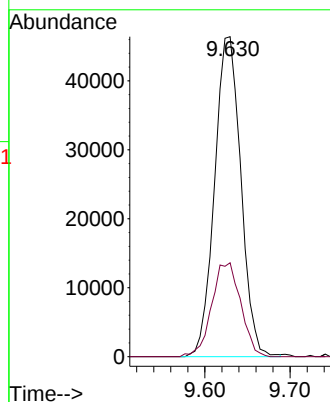
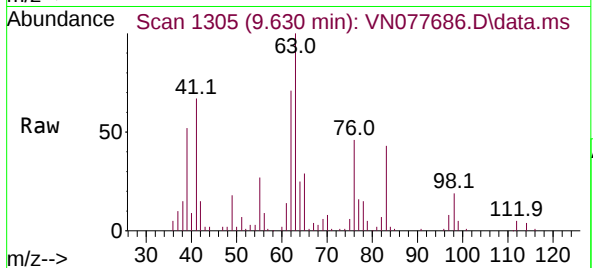
65 29.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 18.783 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

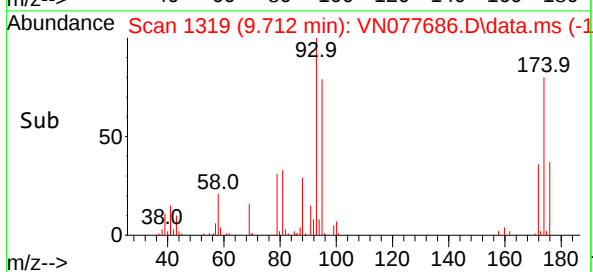
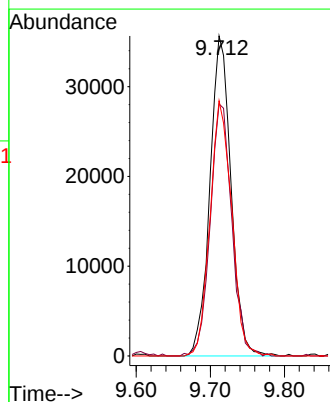
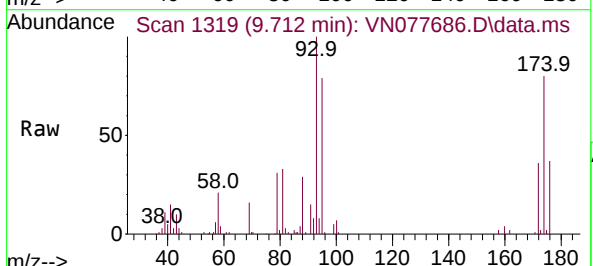
Tgt Ion: 93 Resp: 70451

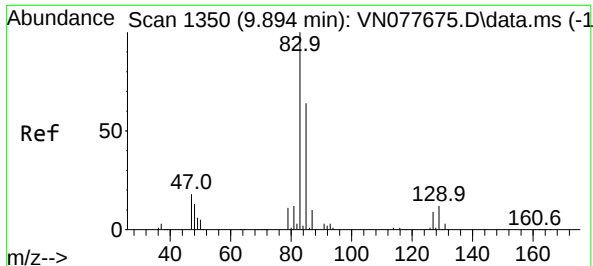
Ion Ratio Lower Upper

93 100

95 80.5 63.8 95.8

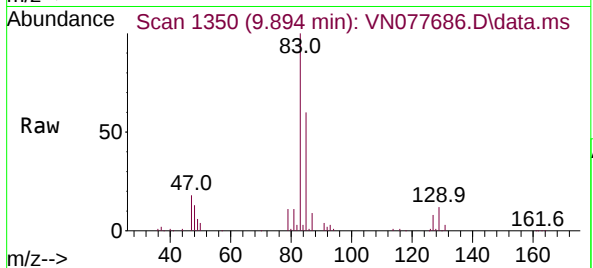
174 82.1 65.6 98.4





#47
Bromodichloromethane
Concen: 19.603 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

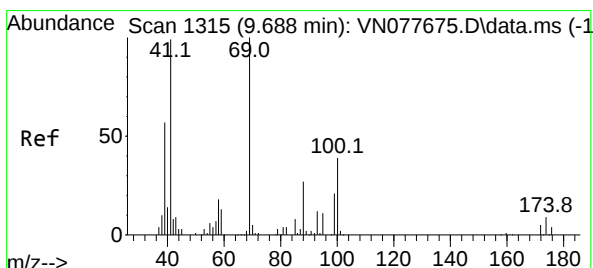
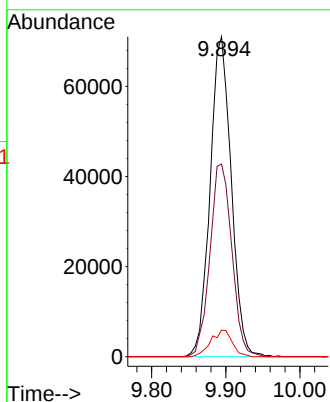
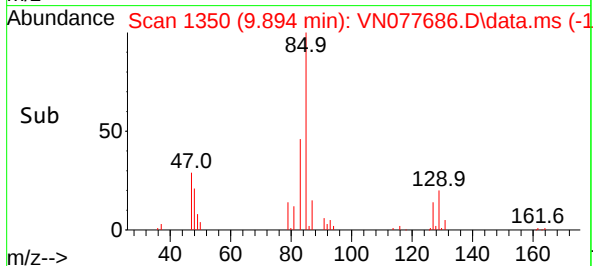
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



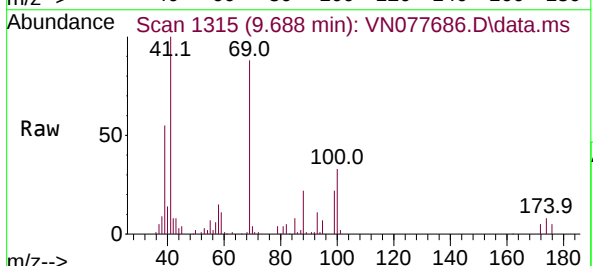
Tgt Ion: 83 Resp: 140760
Ion Ratio Lower Upper
83 100
85 60.2 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

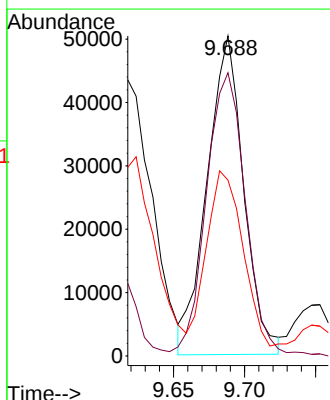
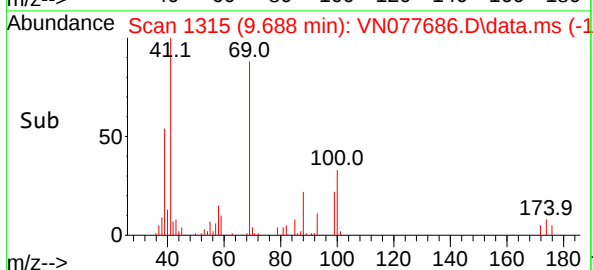
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

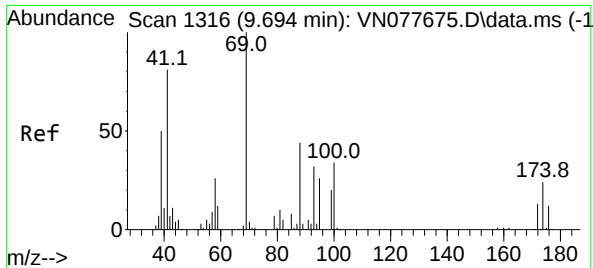


#48
Methyl methacrylate
Concen: 18.750 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



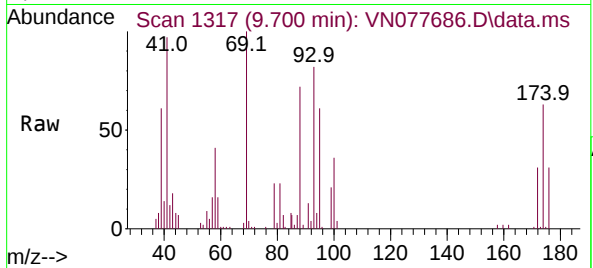
Tgt Ion: 41 Resp: 90123
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 60.7 54.6 81.8





#49
1,4-Dioxane
Concen: 383.623 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

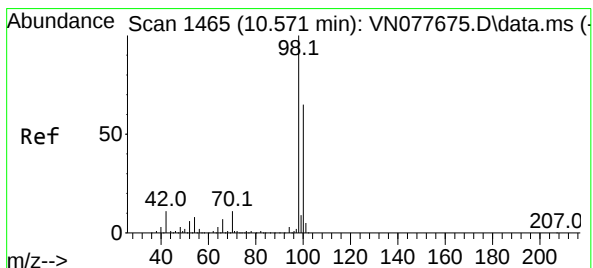
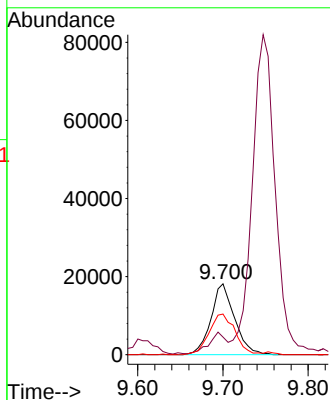
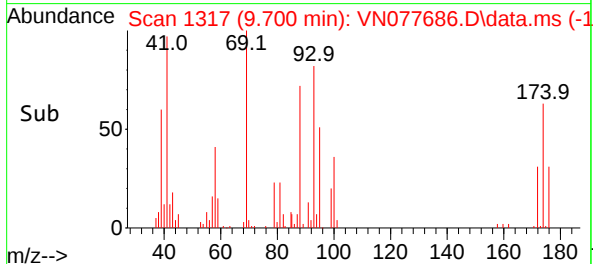
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 88 Resp: 3482
Ion Ratio Lower Upper
88 100
43 22.6 17.0 25.6
58 63.5 47.0 70.4

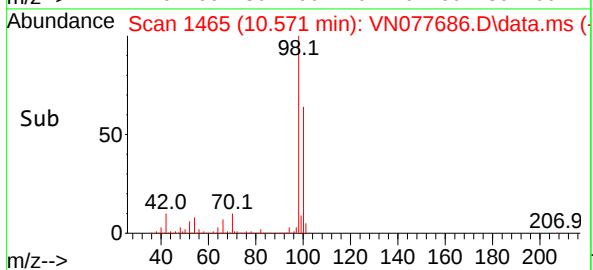
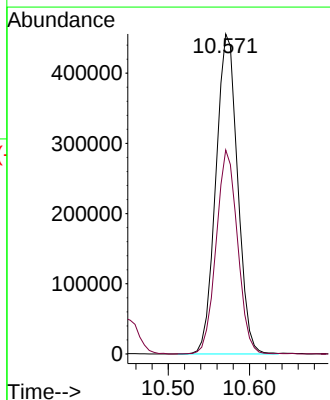
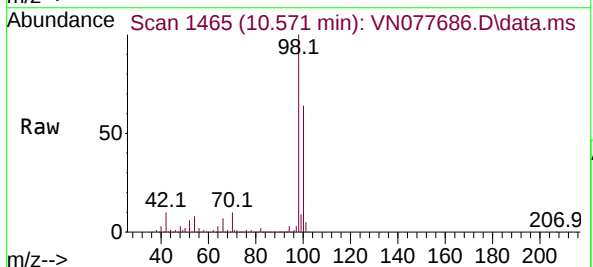
Manual Integrations
APPROVED

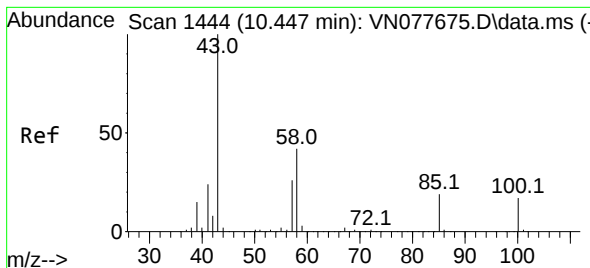
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#50
Toluene-d8
Concen: 46.312 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion: 98 Resp: 848675
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





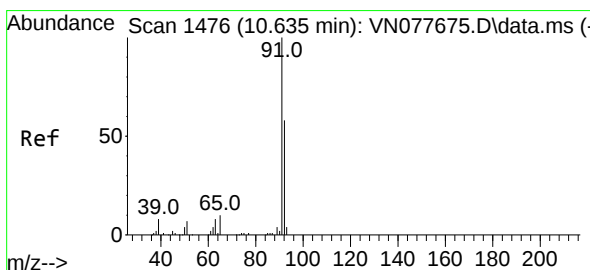
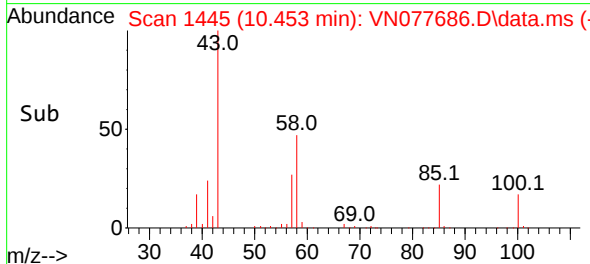
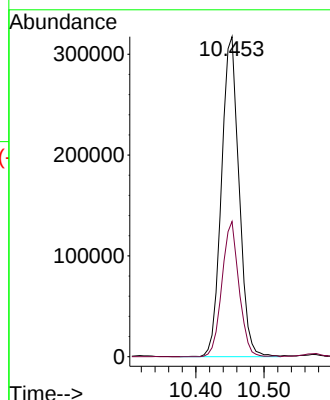
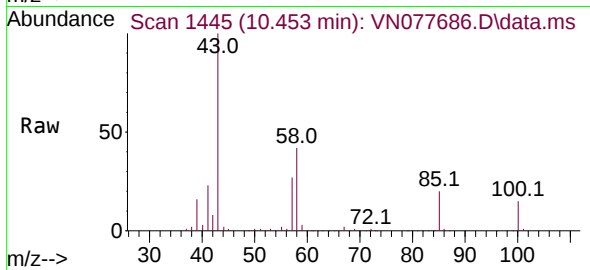
#51
4-Methyl-2-Pentanone
Concen: 94.493 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 43 Resp: 569434
Ion Ratio Lower Upper
43 100
58 40.9 36.6 54.8

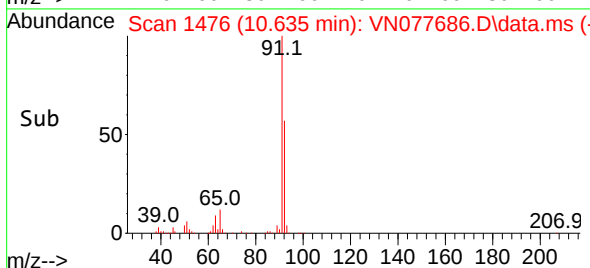
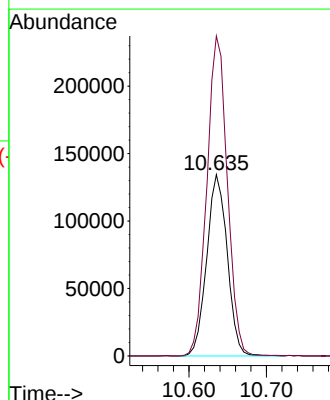
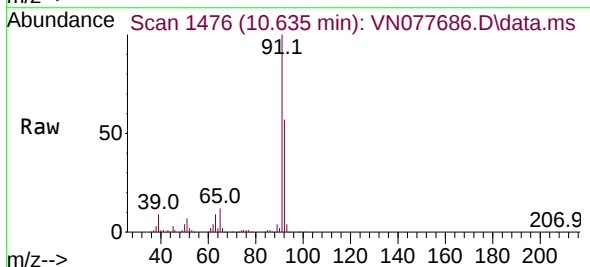
Manual Integrations
APPROVED

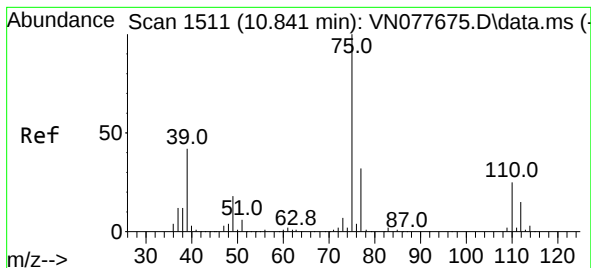
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 19.291 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

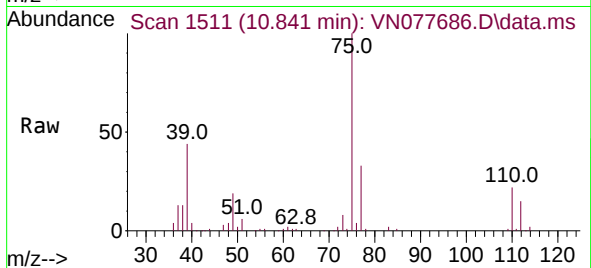
Tgt Ion: 92 Resp: 246788
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.596 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

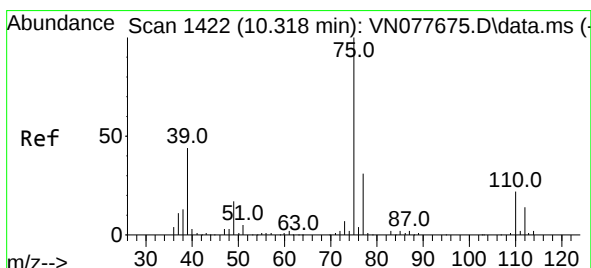
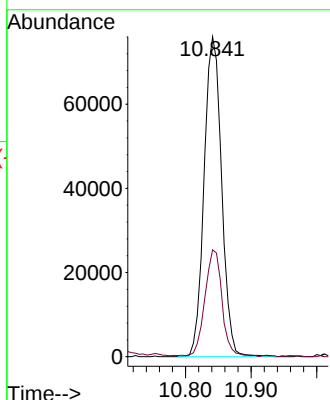
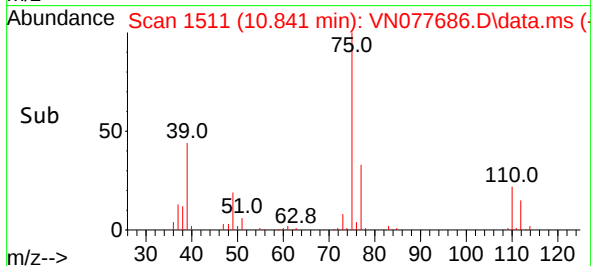
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 75 Resp: 141408
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

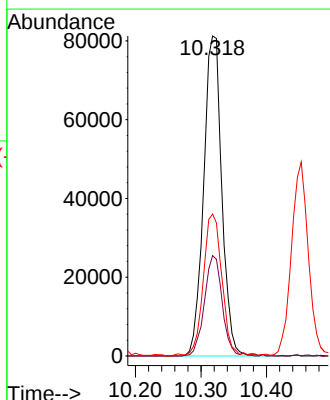
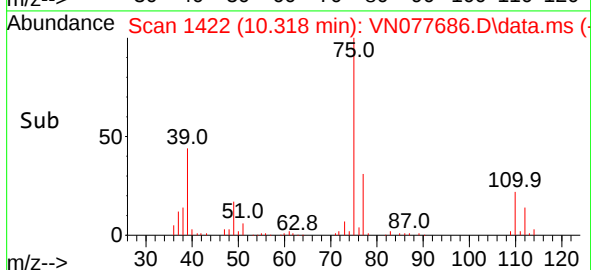
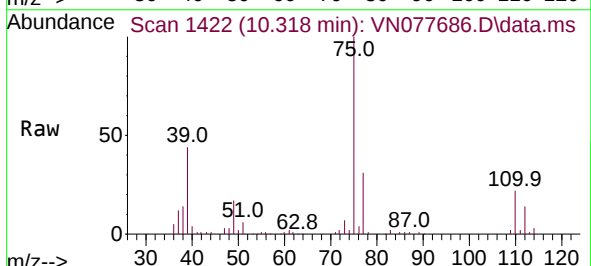
Manual Integrations
APPROVED

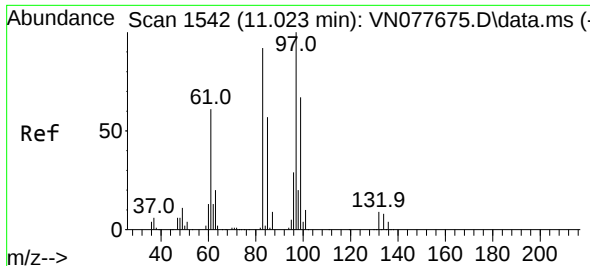
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
cis-1,3-Dichloropropene
Concen: 18.720 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

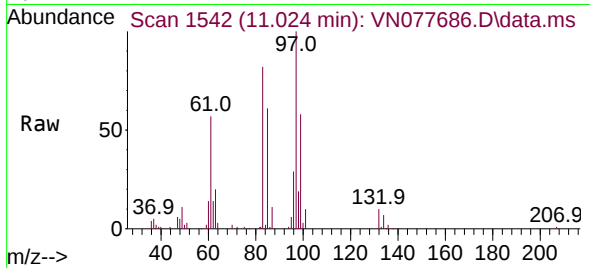
Tgt Ion: 75 Resp: 156866
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 43.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.308 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

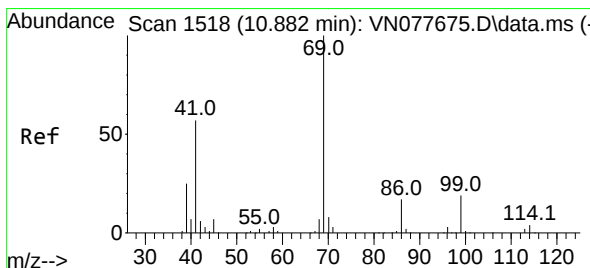
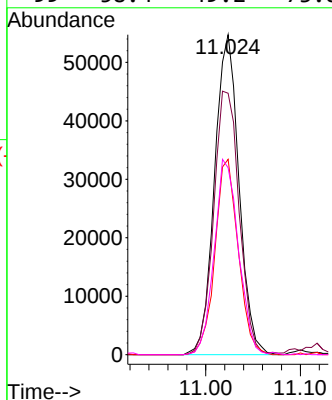
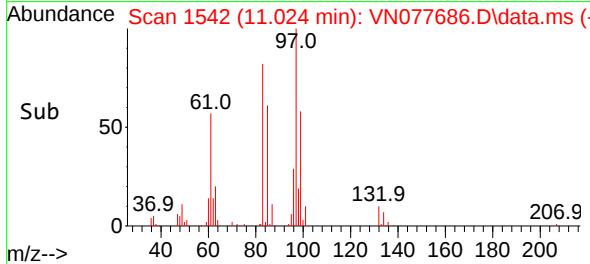
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.1	97.7
85	61.1	43.4	65.2
99	58.4	49.2	73.8

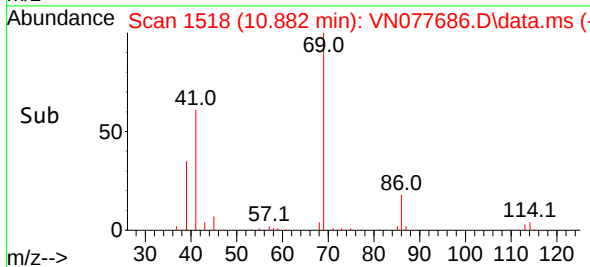
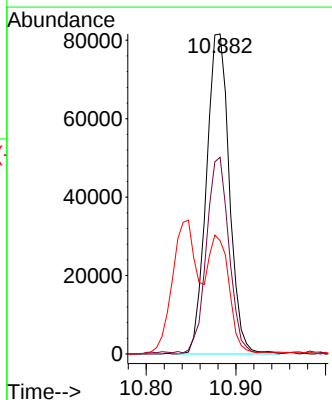
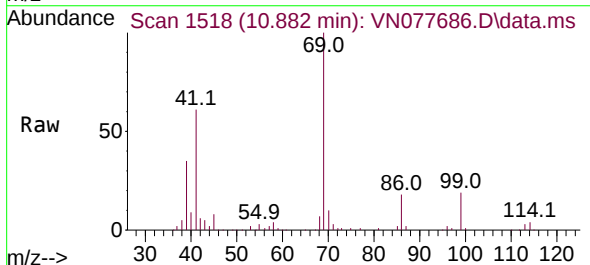
Manual Integrations
APPROVED

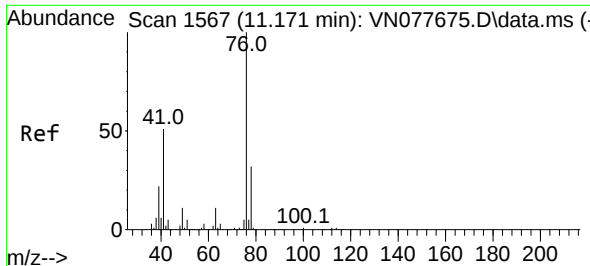
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#56
Ethyl methacrylate
Concen: 18.851 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	39.6	59.4
39	32.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.037 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 76 Resp: 165779

Ion Ratio Lower Upper

76 100

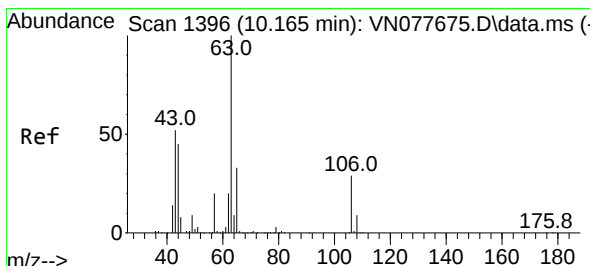
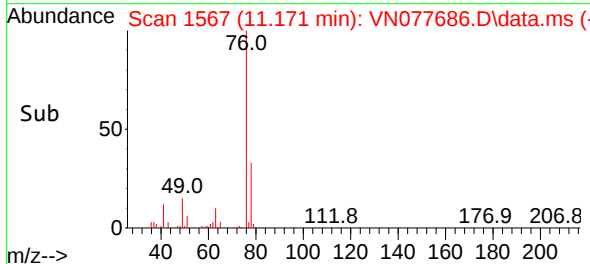
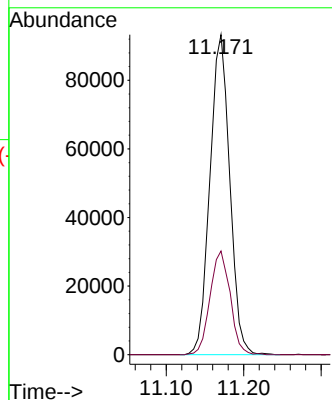
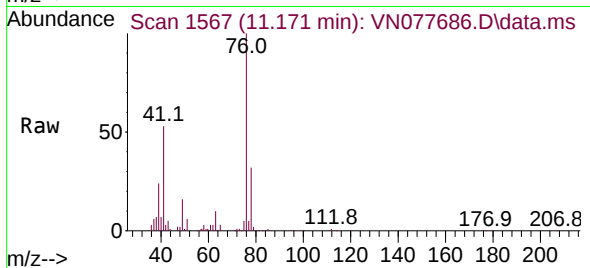
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.220 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077686.D

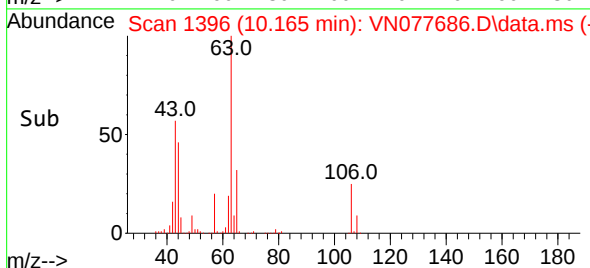
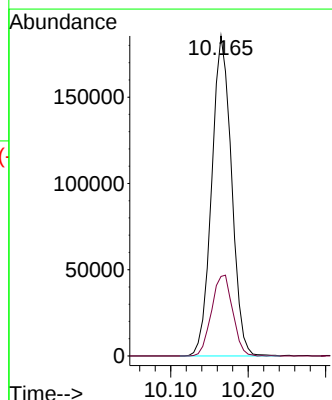
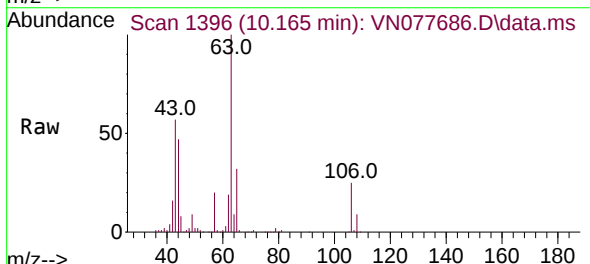
Acq: 16 May 2023 12:30

Tgt Ion: 63 Resp: 329553

Ion Ratio Lower Upper

63 100

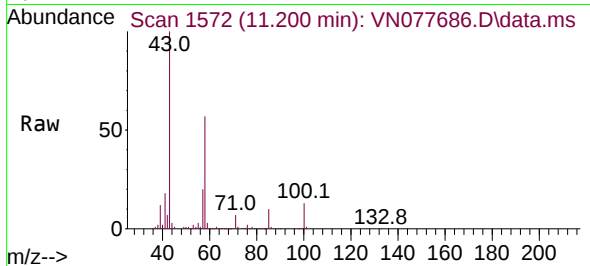
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 91.685 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

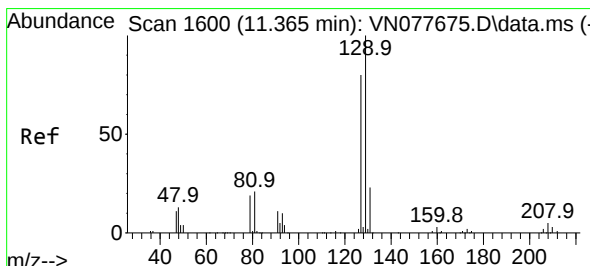
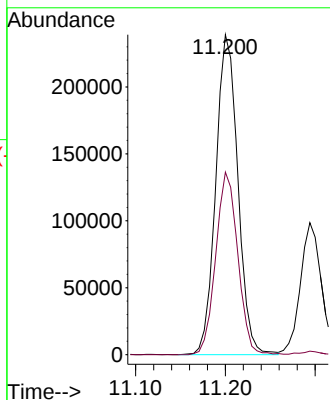
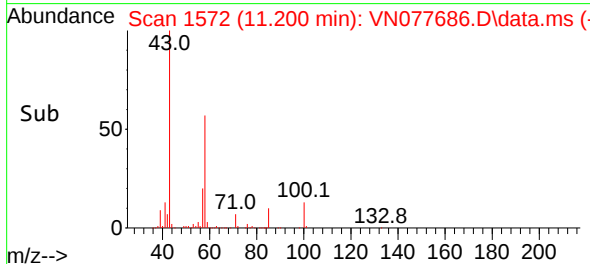
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 43 Resp: 408668
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1

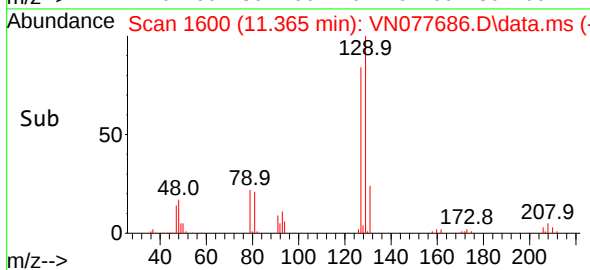
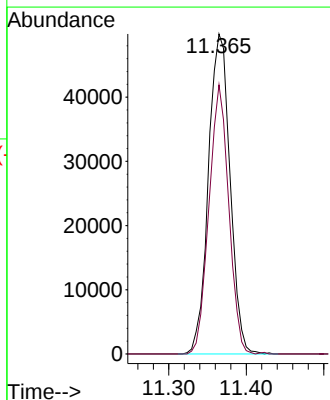
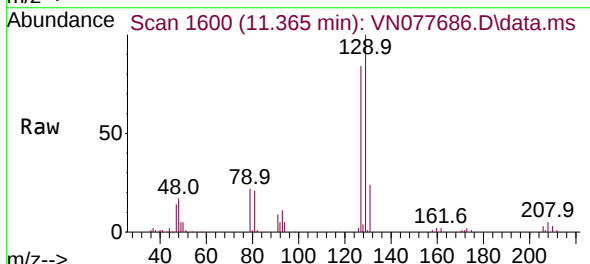
Manual Integrations
APPROVED

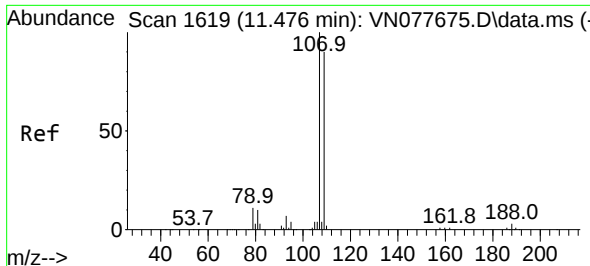
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#60
Dibromochloromethane
Concen: 18.413 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

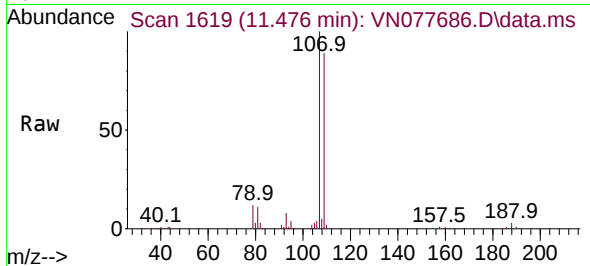
Tgt Ion:129 Resp: 96554
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.340 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

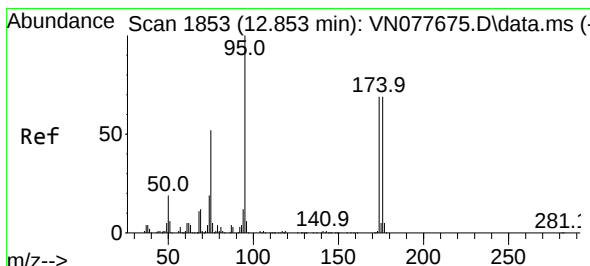
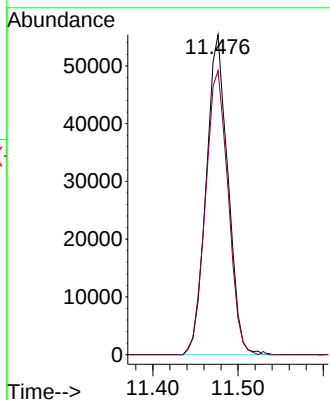
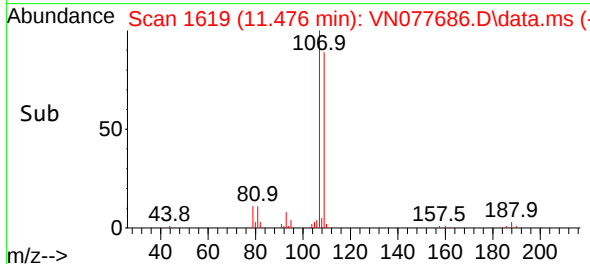
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



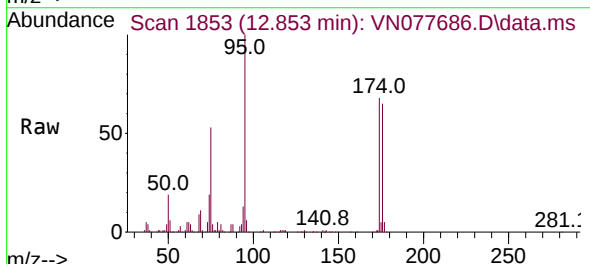
Tgt Ion: 107 Resp: 9800
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

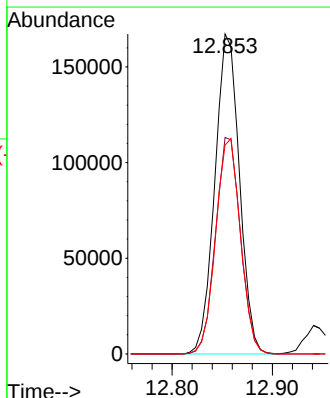
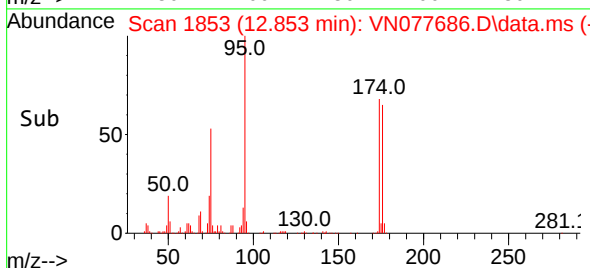
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

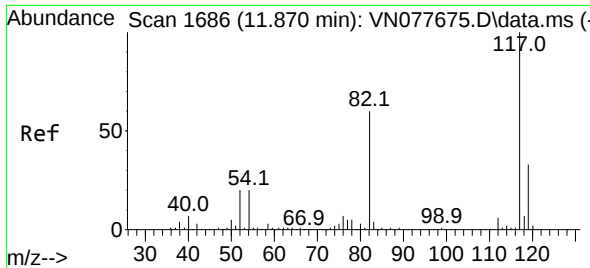


#62
4-Bromofluorobenzene
Concen: 43.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



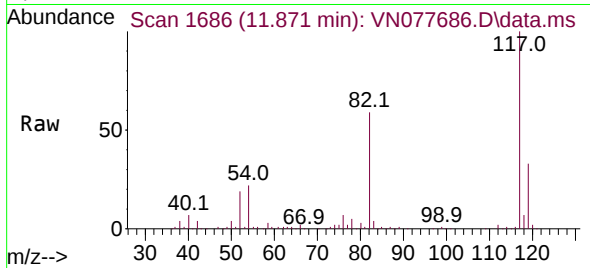
Tgt Ion: 95 Resp: 284614
Ion Ratio Lower Upper
95 100
174 68.2 0.0 143.8
176 67.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

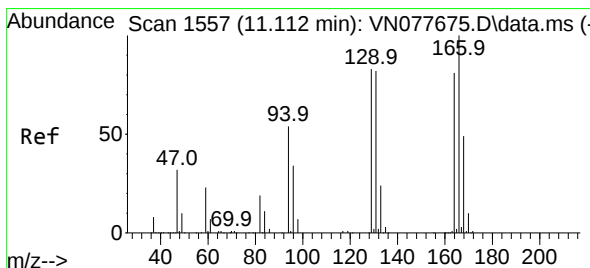
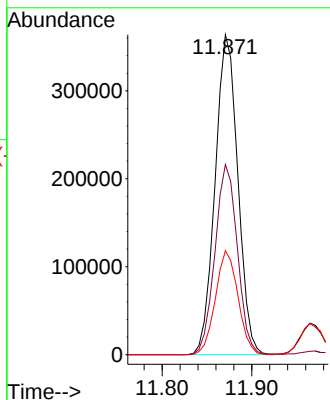
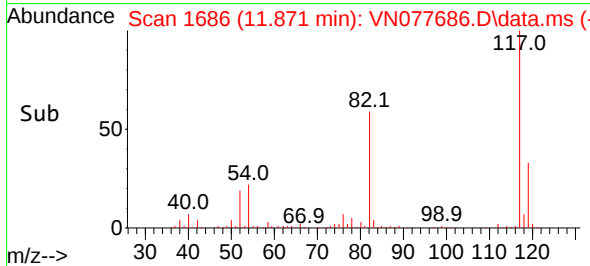
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion:117 Resp: 639330
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.5 25.6 38.4

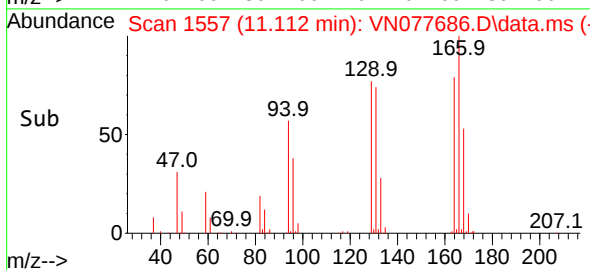
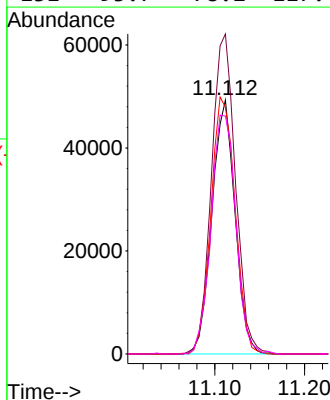
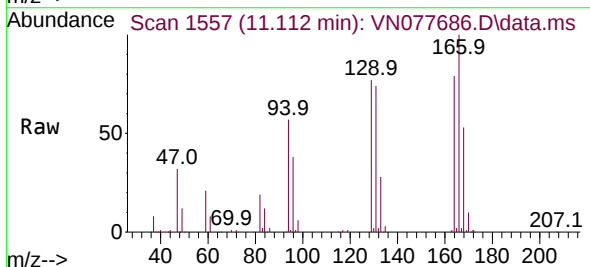
Manual Integrations
APPROVED

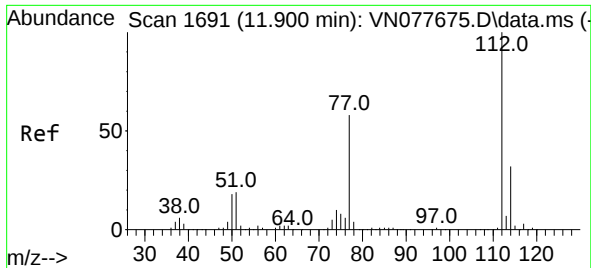
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 19.630 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

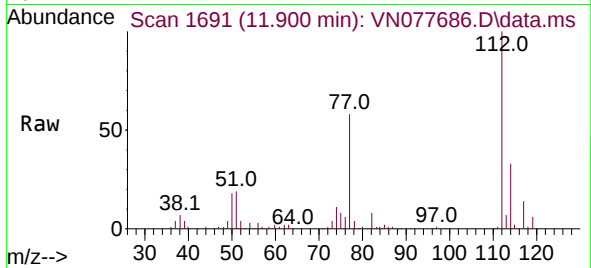
Tgt Ion:164 Resp: 87766
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 97.2 82.4 123.6
131 93.7 78.2 117.4





#65
Chlorobenzene
Concen: 18.412 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

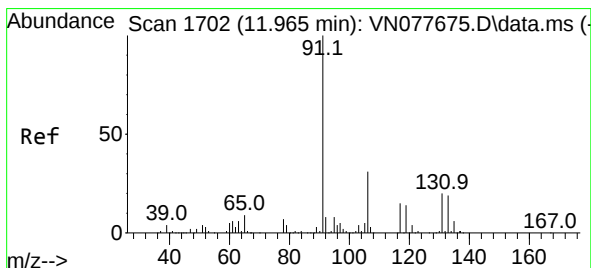
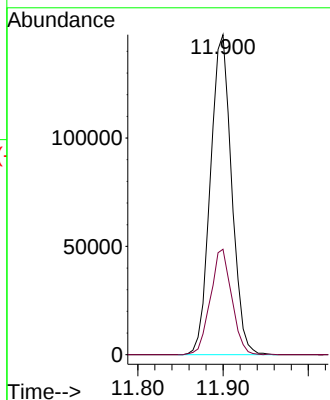
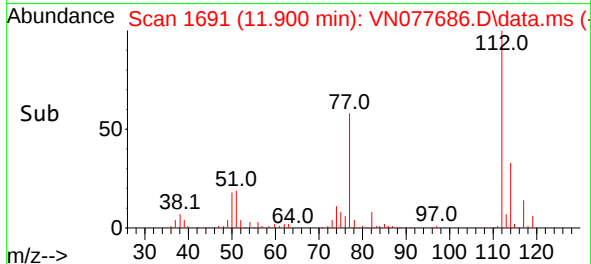
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



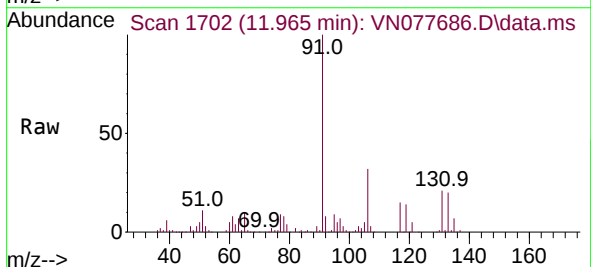
Tgt Ion:112 Resp: 255194
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

Manual Integrations
APPROVED

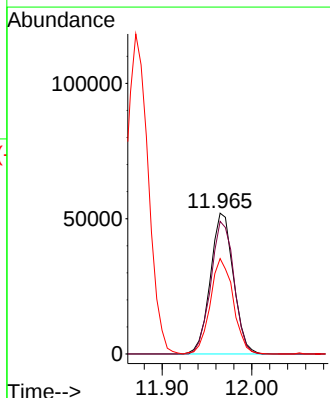
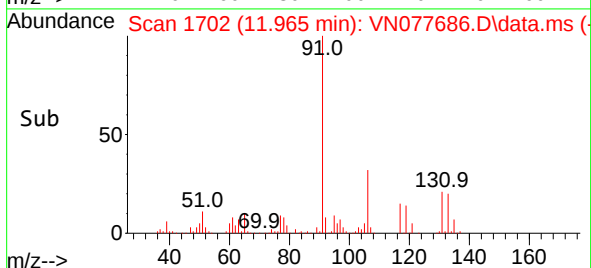
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

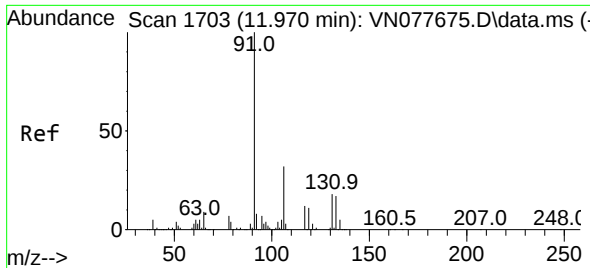


#66
1,1,1,2-Tetrachloroethane
Concen: 19.407 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



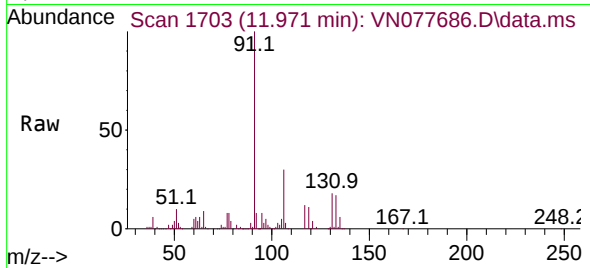
Tgt Ion:131 Resp: 93068
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.854 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

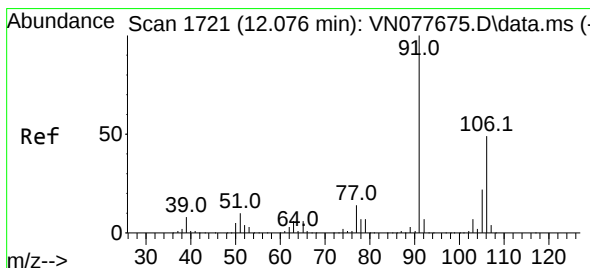
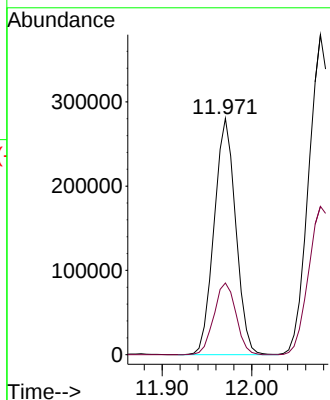
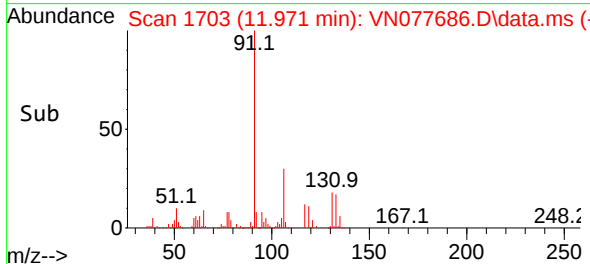
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



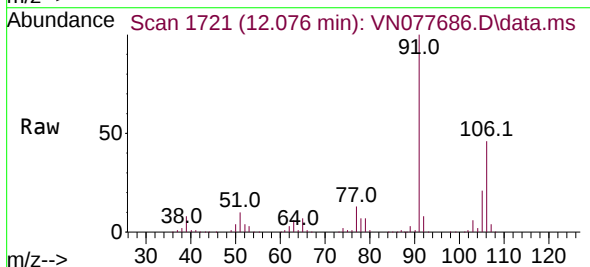
Tgt Ion: 91 Resp: 468280
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

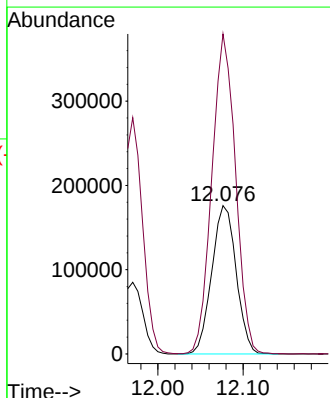
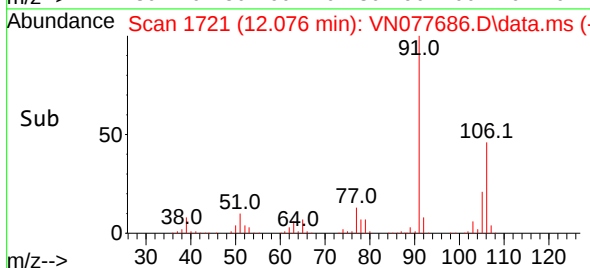
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

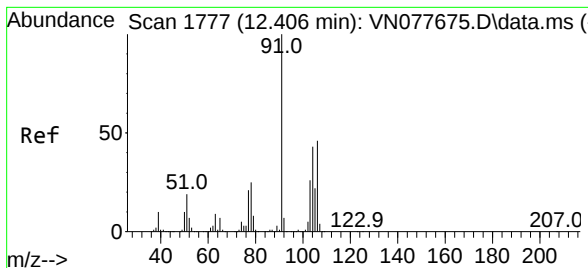


#68
m/p-Xylenes
Concen: 37.194 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



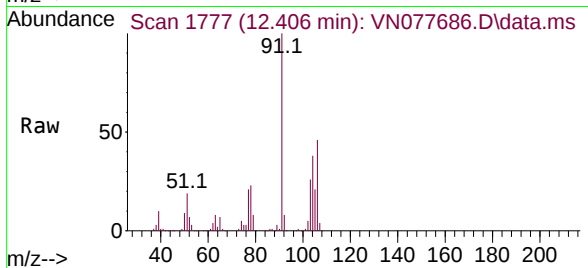
Tgt Ion:106 Resp: 350045
Ion Ratio Lower Upper
106 100
91 209.8 159.6 239.4





#69
o-Xylene
Concen: 19.197 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

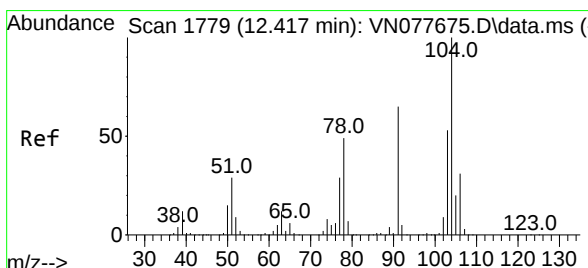
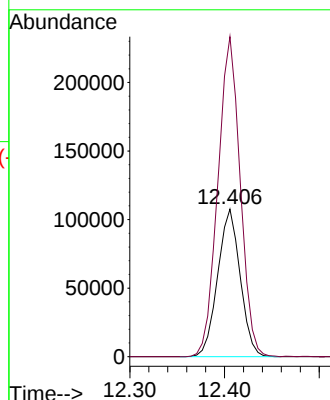
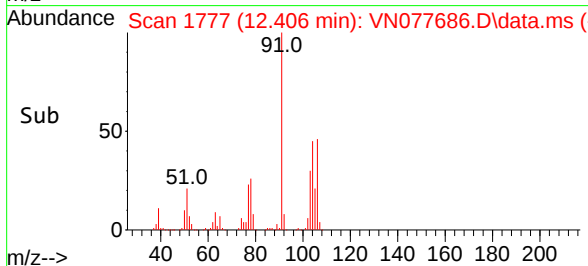
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion:106 Resp: 177679
Ion Ratio Lower Upper
106 100
91 215.5 105.2 315.5

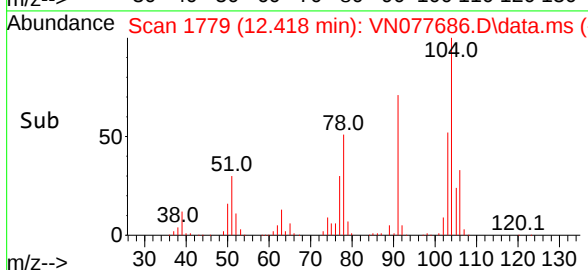
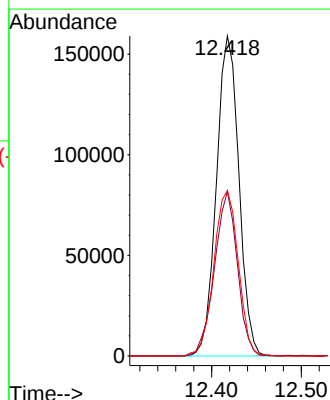
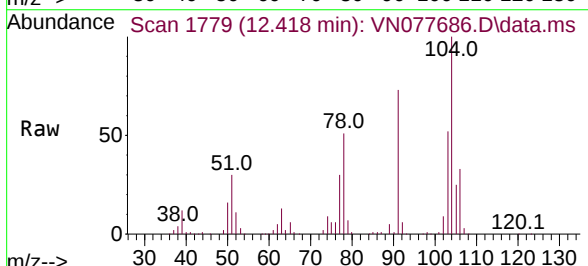
Manual Integrations
APPROVED

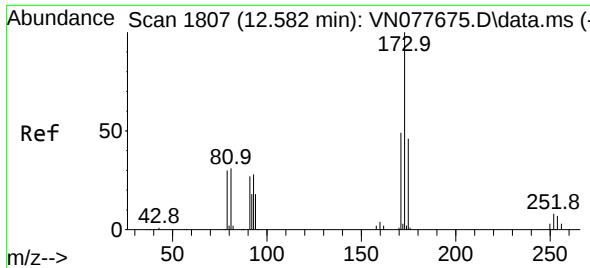
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 18.815 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

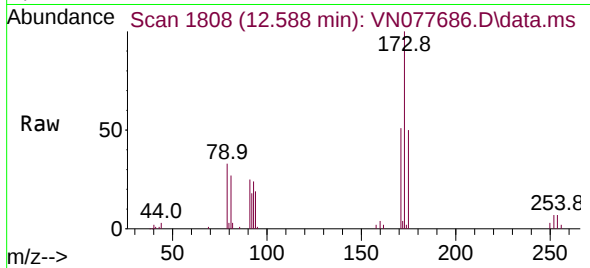
Tgt Ion:104 Resp: 276642
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 56.0 43.2 64.8





#71
Bromoform
Concen: 18.757 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

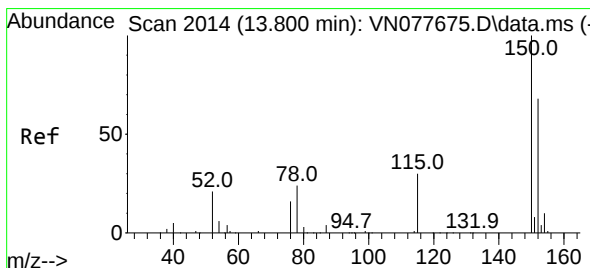
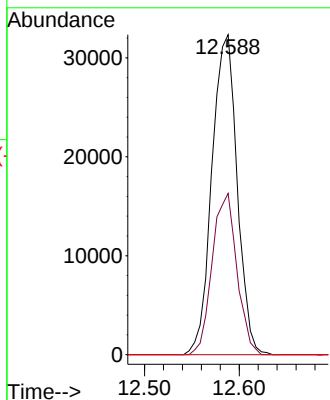
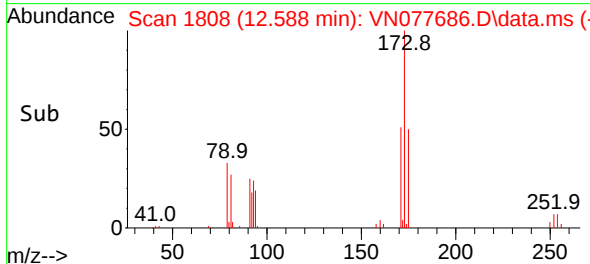
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



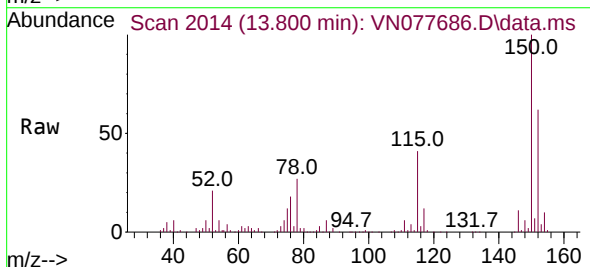
Tgt Ion:173 Resp: 5984
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

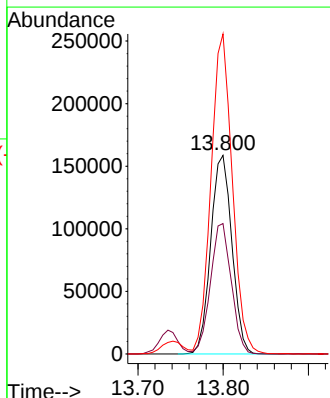
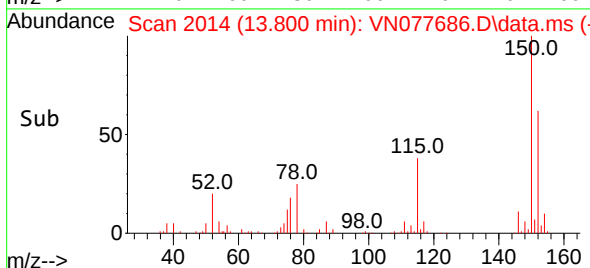
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

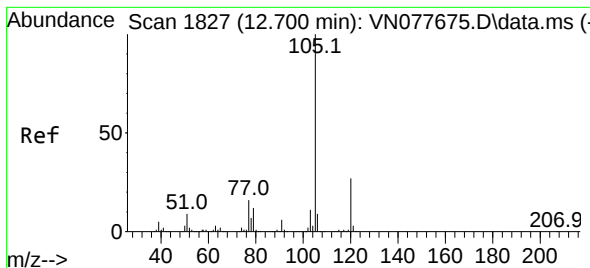


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion:152 Resp: 273944
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 162.0 0.0 355.8





#73

Isopropylbenzene

Concen: 19.688 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion:105 Resp: 46492

Ion Ratio Lower Upper

105 100

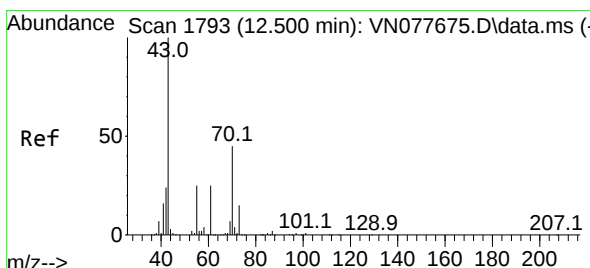
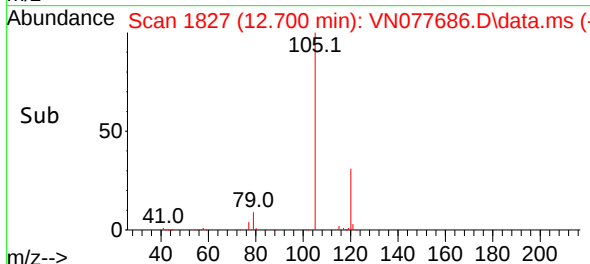
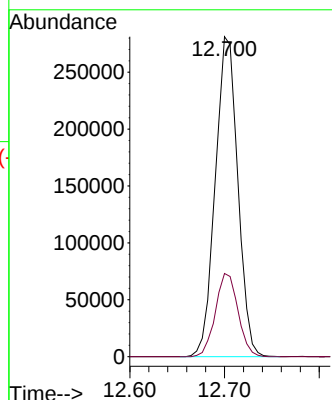
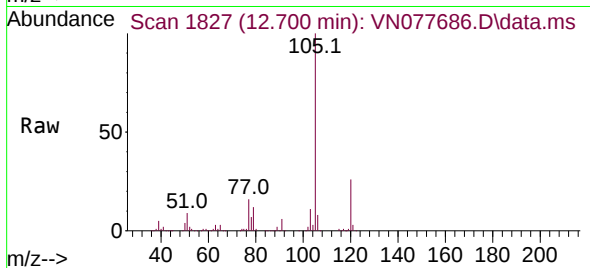
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#74

N-ethyl acetate

Concen: 17.928 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Tgt Ion: 43 Resp: 156483

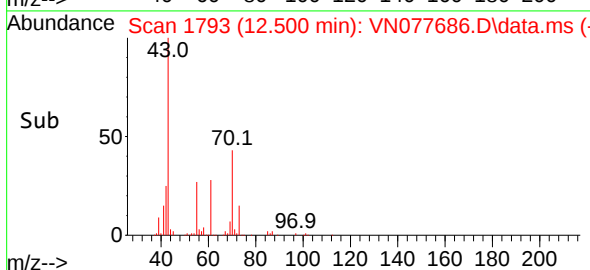
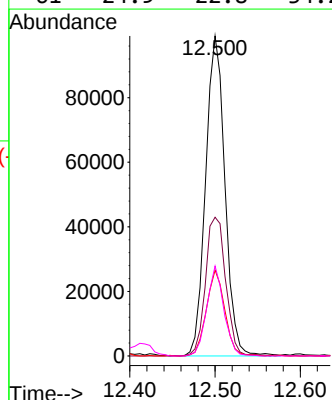
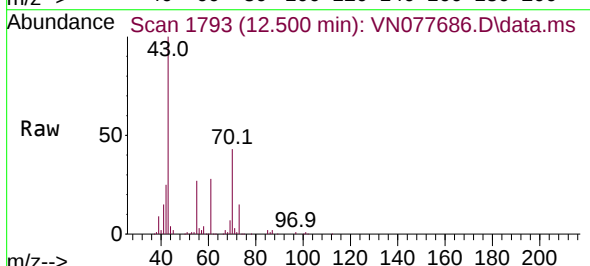
Ion Ratio Lower Upper

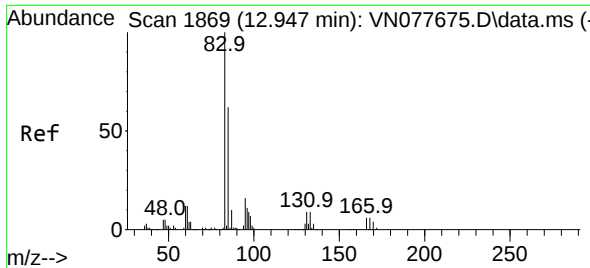
43 100

70 45.4 43.4 65.2

55 25.4 21.4 32.0

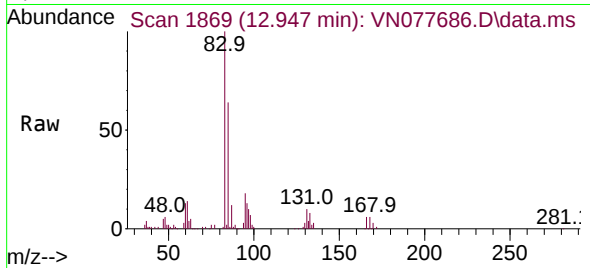
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.258 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

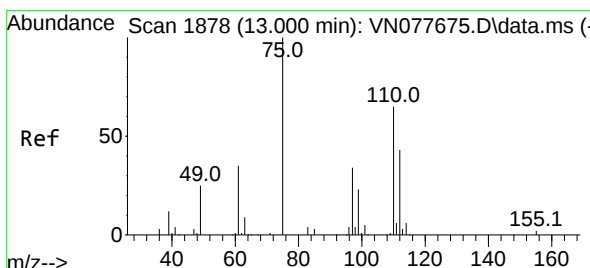
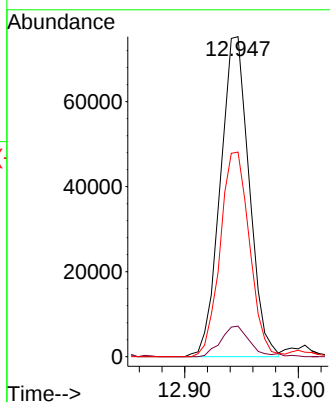
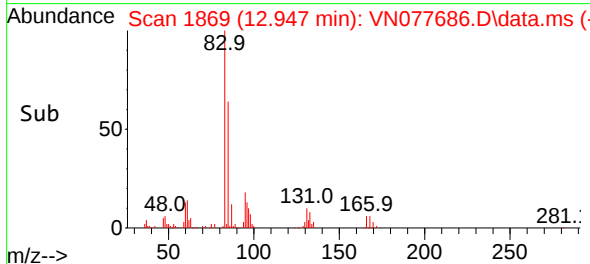
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 83 Resp: 13263
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.0 31.9 95.7

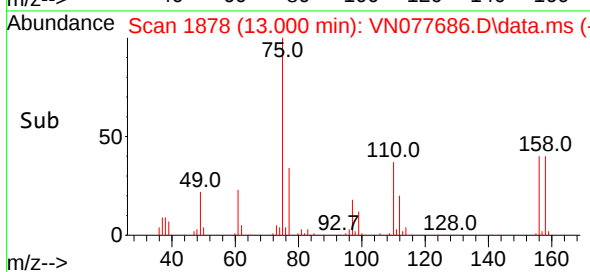
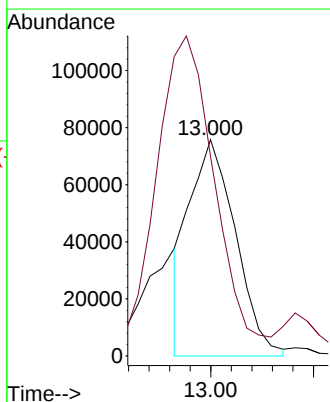
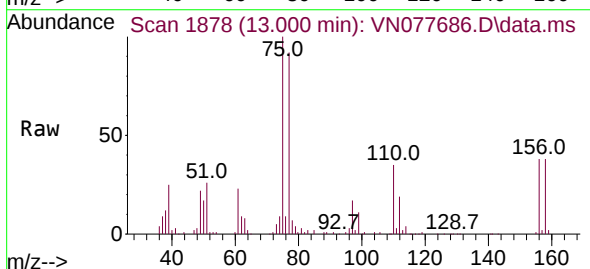
Manual Integrations
APPROVED

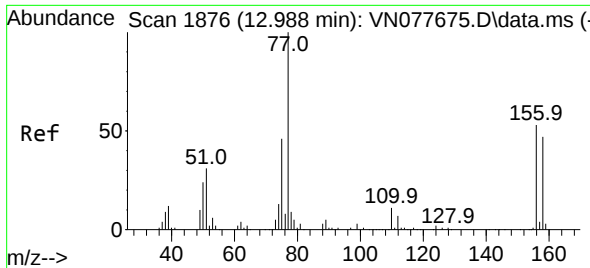
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 17.307 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

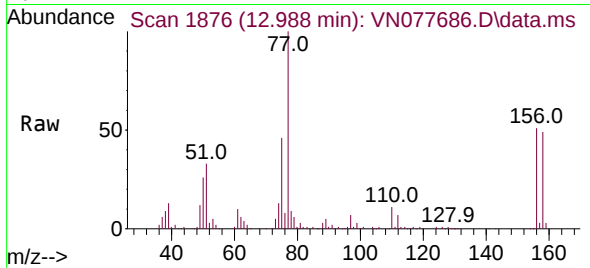
Tgt Ion: 75 Resp: 118734
Ion Ratio Lower Upper
75 100
77 189.2 84.5 253.5





#77
Bromobenzene
Concen: 18.219 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

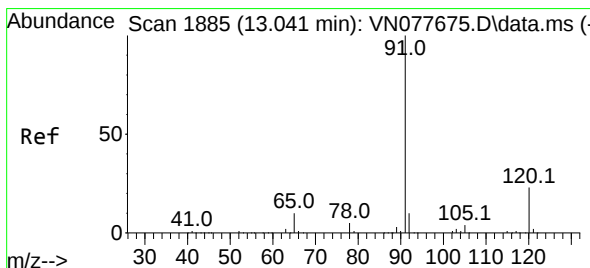
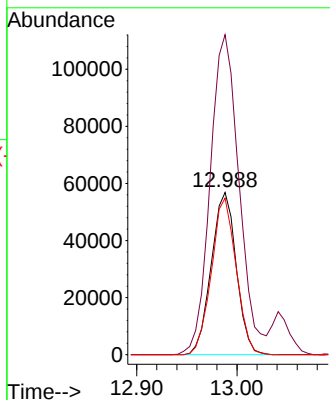
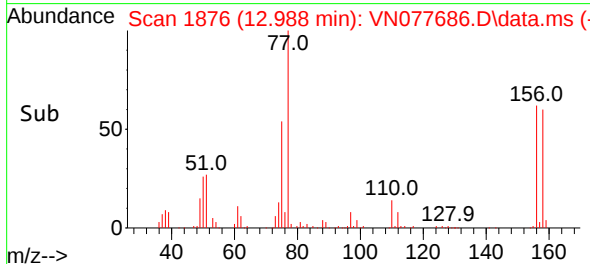
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



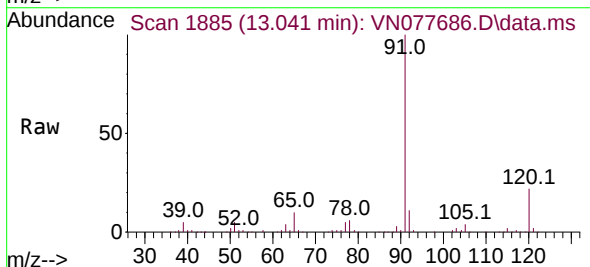
Tgt Ion:156 Resp: 9818
Ion Ratio Lower Upper
156 100
77 228.8 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
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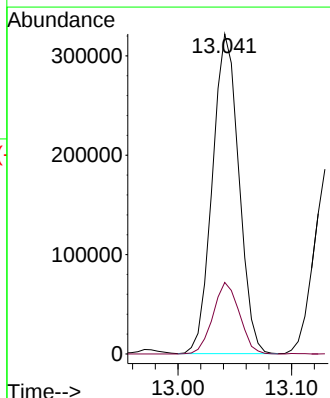
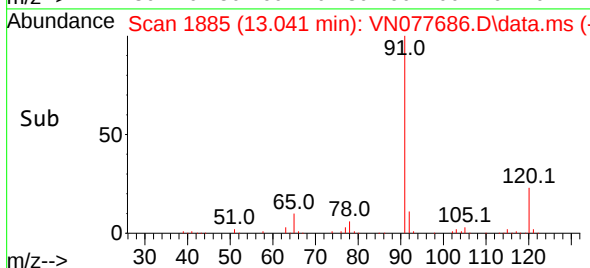
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

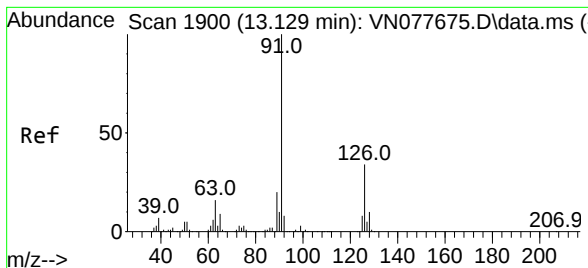


#78
n-propylbenzene
Concen: 18.720 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion: 91 Resp: 521167
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





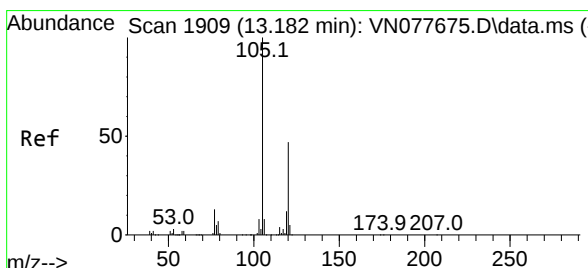
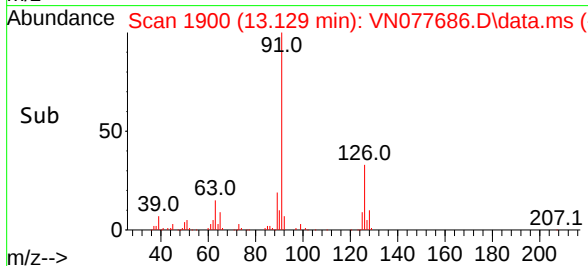
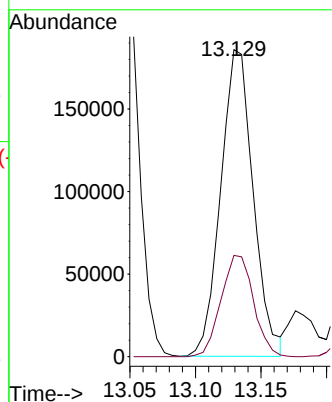
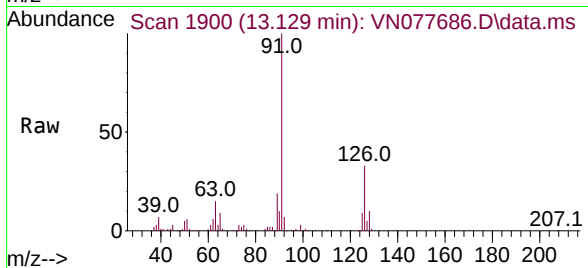
#79
2-Chlorotoluene
Concen: 19.281 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 91 Resp: 320304
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

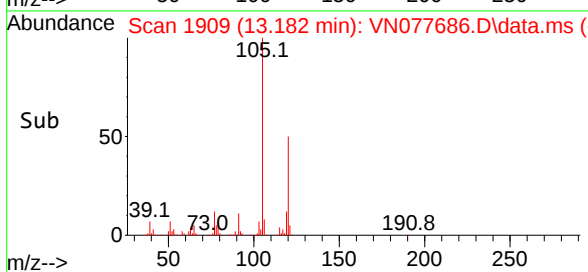
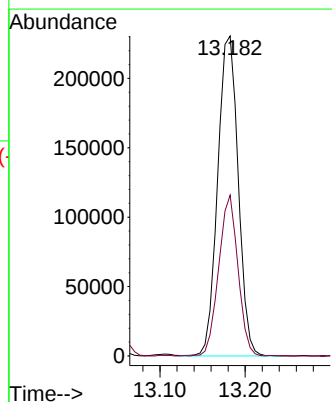
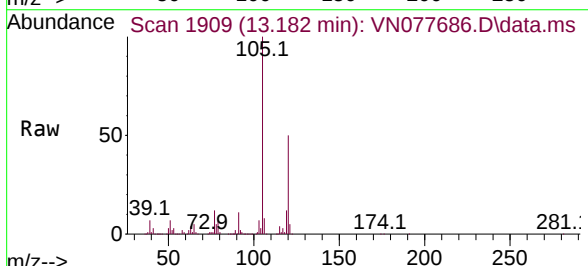
Manual Integrations
APPROVED

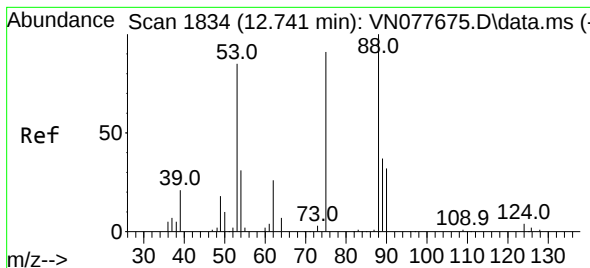
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.444 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion:105 Resp: 385894
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





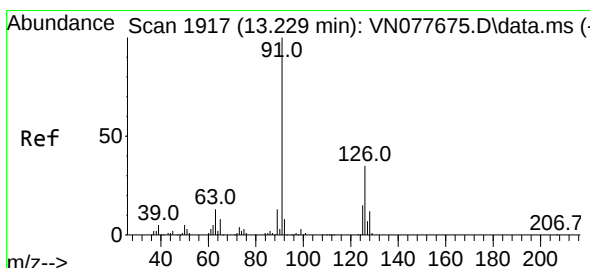
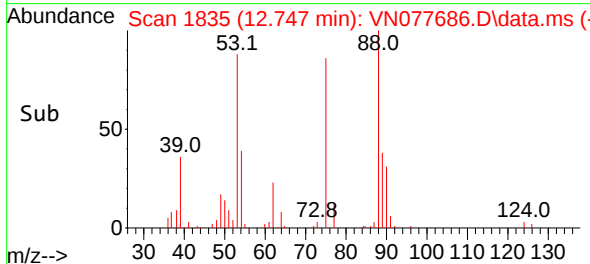
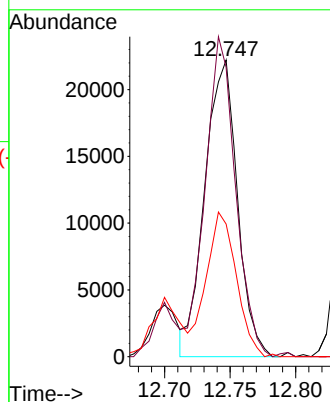
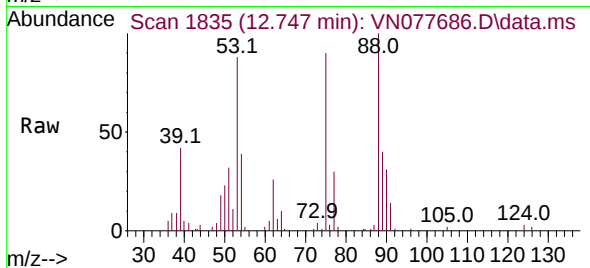
#81
trans-1,4-Dichloro-2-butene
Concen: 17.852 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 75 Resp: 38314
Ion Ratio Lower Upper
75 100
53 100.8 67.4 101.2
89 45.3 38.8 58.2

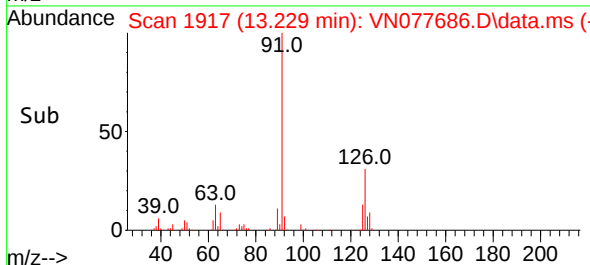
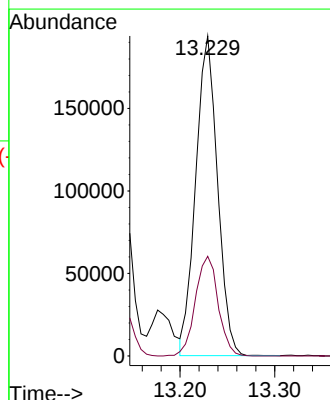
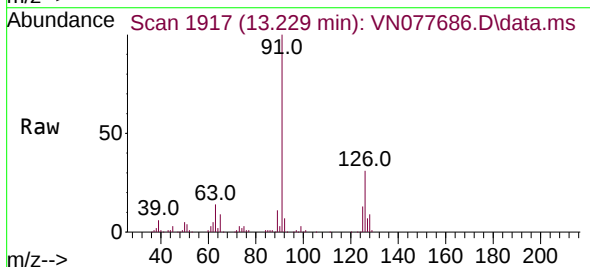
Manual Integrations
APPROVED

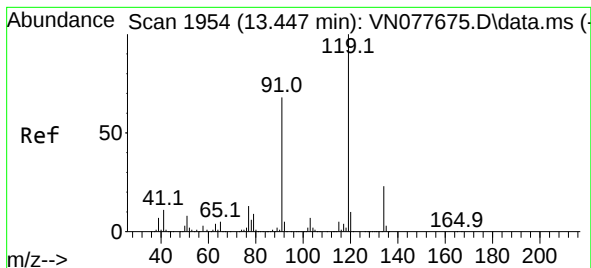
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 18.730 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

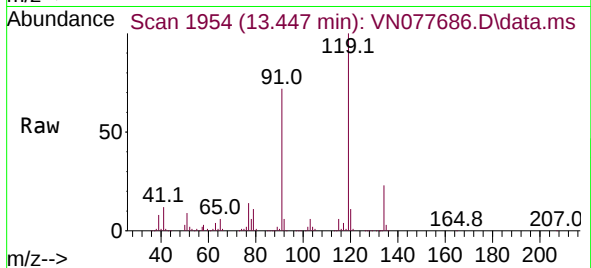
Tgt Ion: 91 Resp: 309575
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.976 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

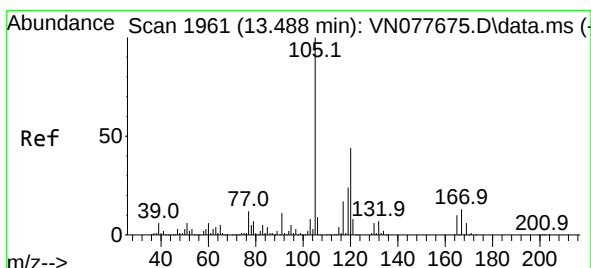
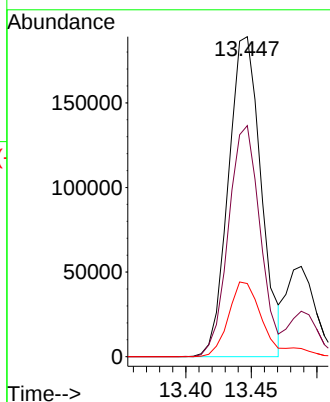
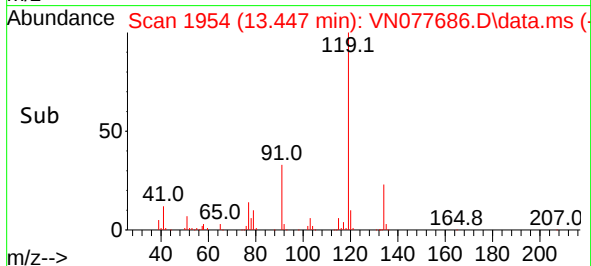
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



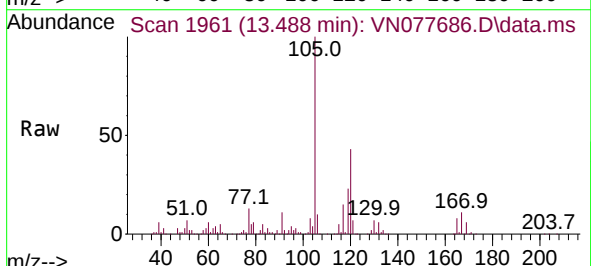
Tgt Ion:119 Resp: 32878
Ion Ratio Lower Upper
119 100
91 69.9 33.9 101.7
134 25.1 13.2 39.6

Manual Integrations
APPROVED

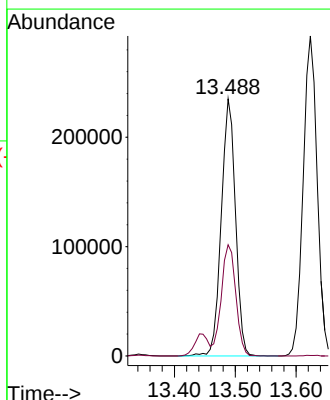
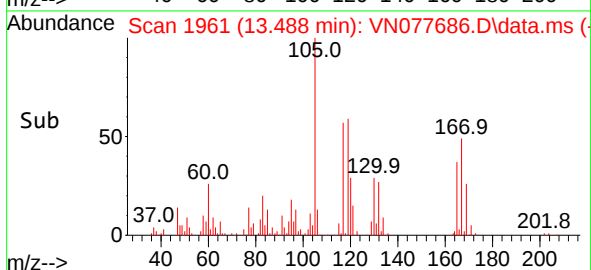
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

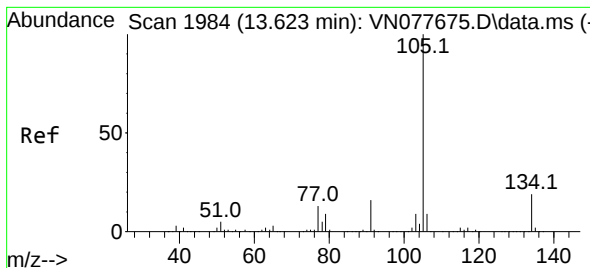


#84
1,2,4-Trimethylbenzene
Concen: 19.508 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



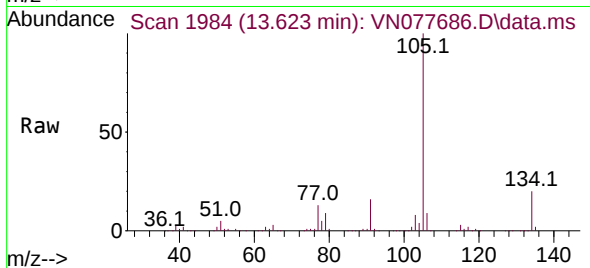
Tgt Ion:105 Resp: 380783
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.936 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077686.D
 Acq: 16 May 2023 12:30

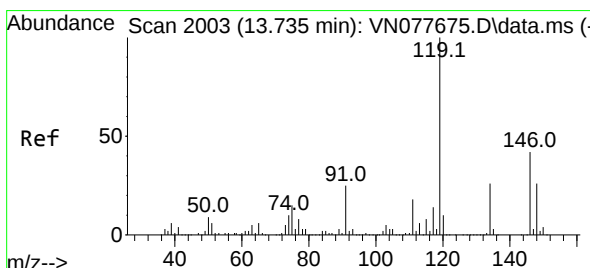
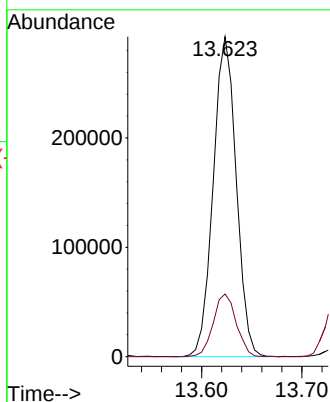
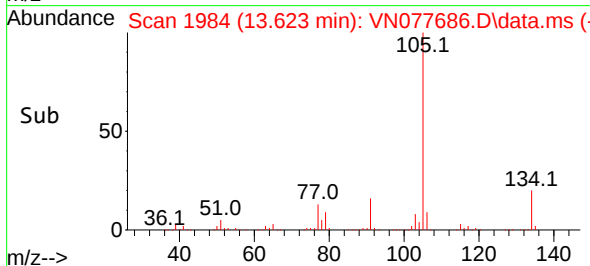
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01



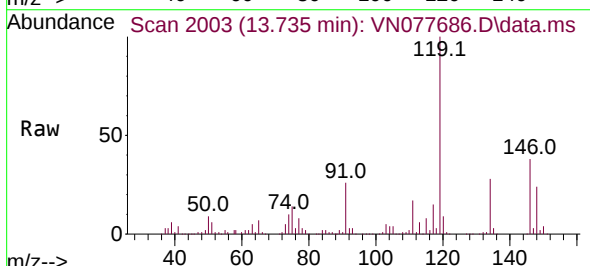
Tgt Ion:105 Resp: 466259
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

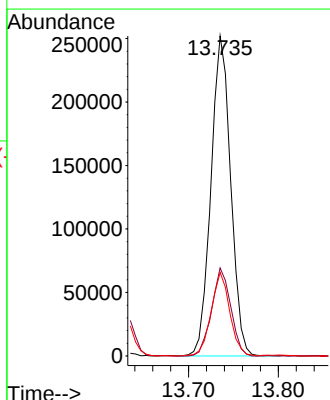
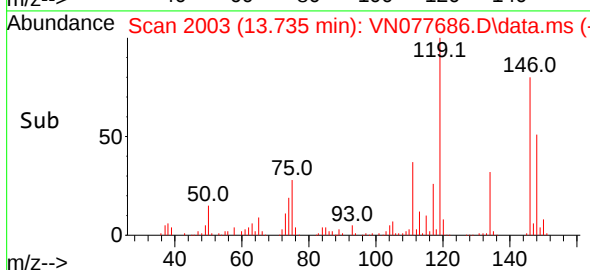
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

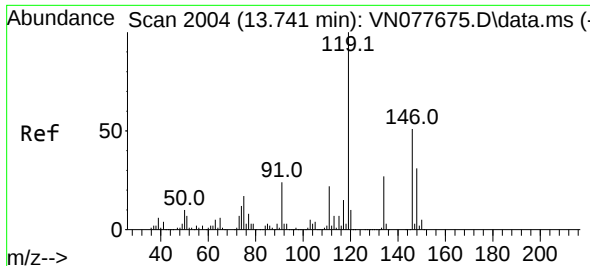


#86
 p-Isopropyltoluene
 Concen: 19.599 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077686.D
 Acq: 16 May 2023 12:30



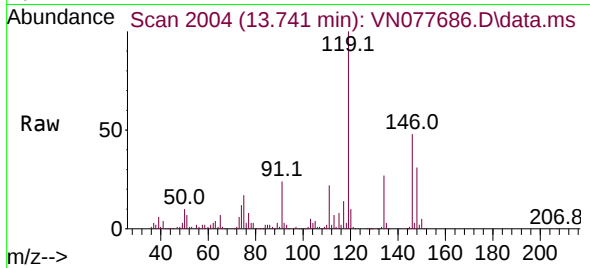
Tgt Ion:119 Resp: 384734
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.140 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

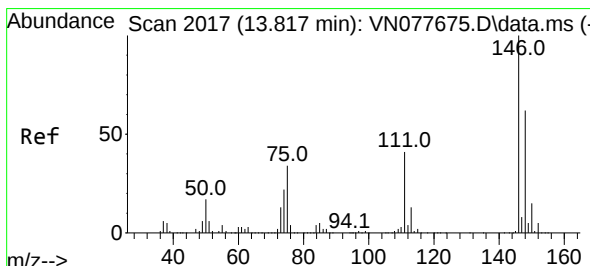
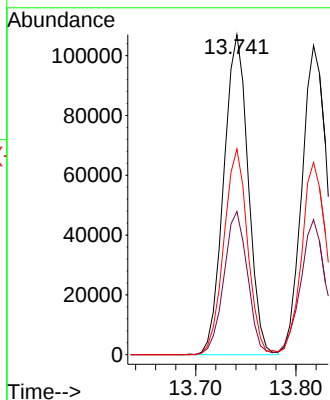
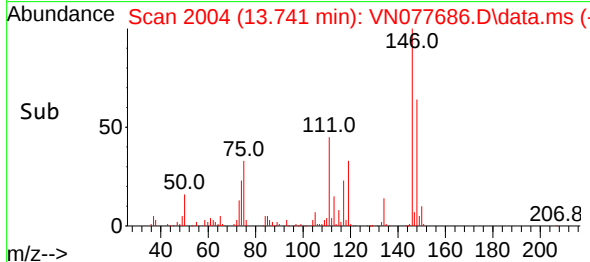
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



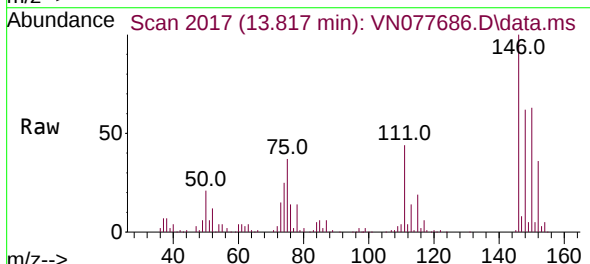
Tgt Ion:146 Resp: 180785
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 62.7 32.0 96.0

Manual Integrations
APPROVED

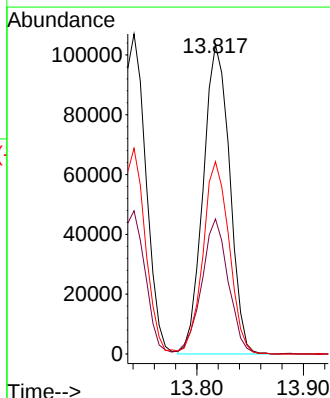
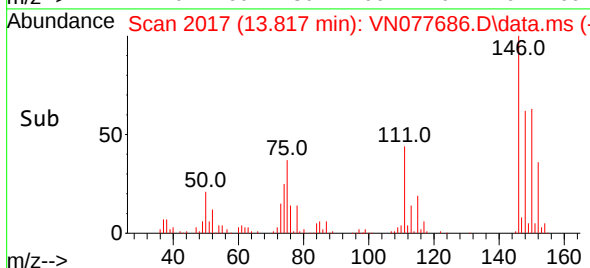
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

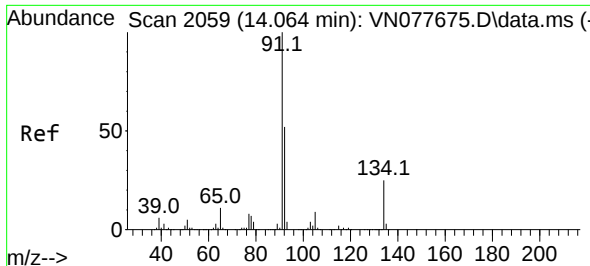


#88
1,4-Dichlorobenzene
Concen: 18.068 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion:146 Resp: 178682
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 61.4 31.6 94.8





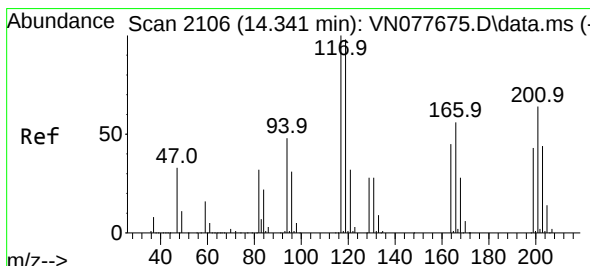
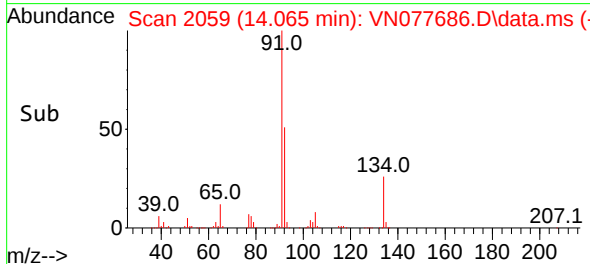
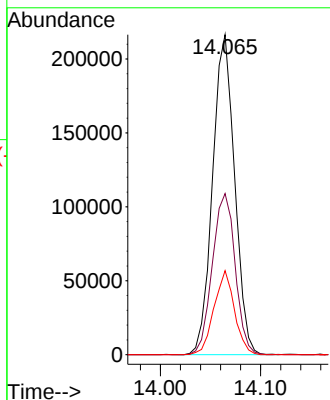
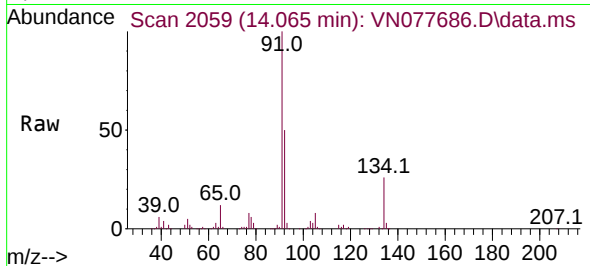
#89
n-Butylbenzene
Concen: 18.304 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 91 Resp: 33049
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 24.4 12.6 37.6

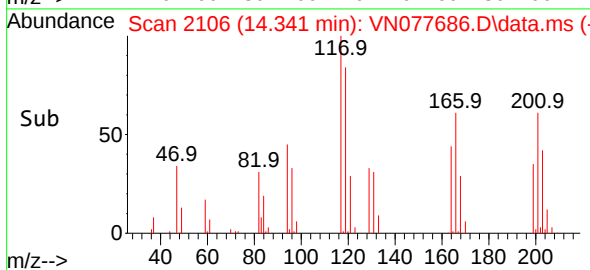
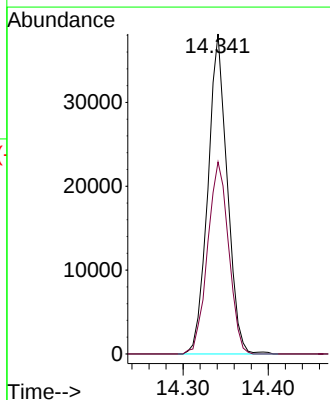
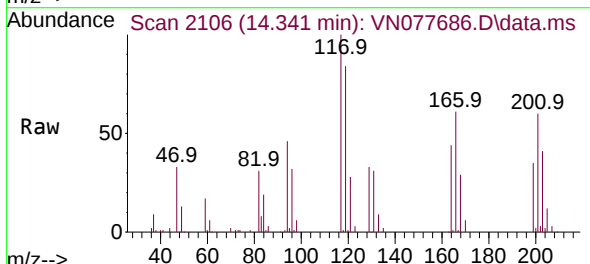
Manual Integrations
APPROVED

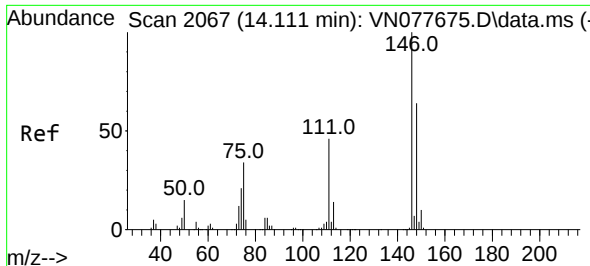
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#90
Hexachloroethane
Concen: 18.666 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

Tgt Ion:117 Resp: 60194
Ion Ratio Lower Upper
117 100
201 65.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.110 ug/l

RT: 14.117 min Scan# 2068

Delta R.T. 0.006 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion:146 Resp: 177920

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

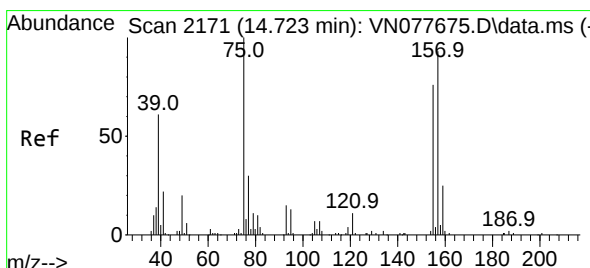
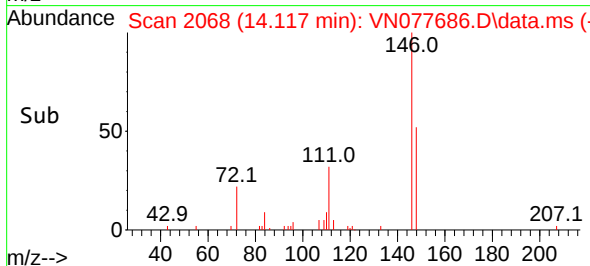
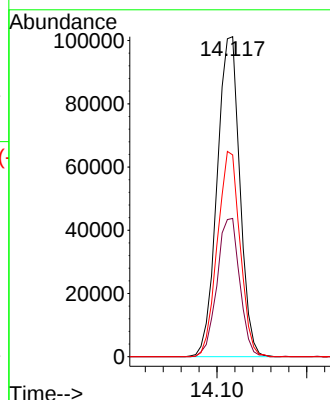
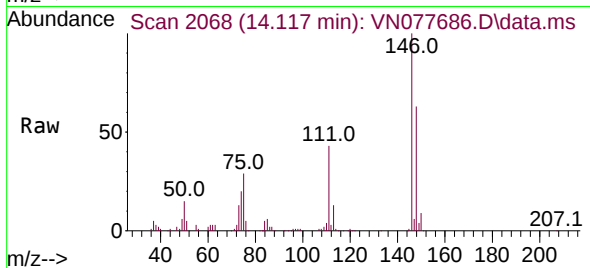
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.183 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

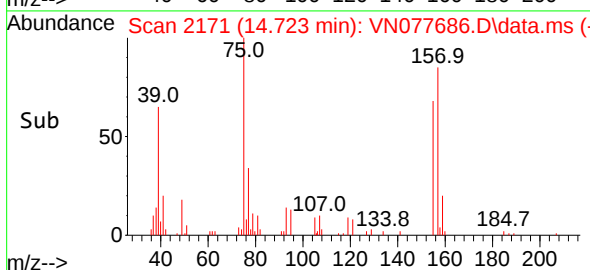
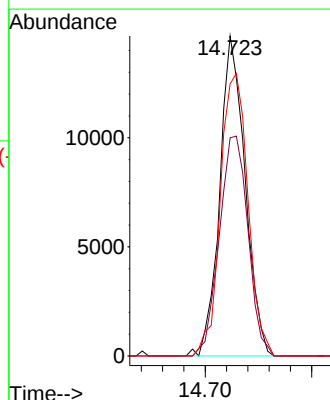
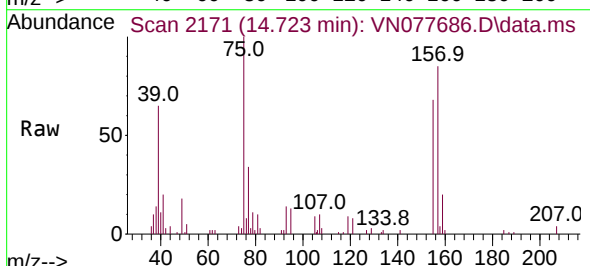
Tgt Ion: 75 Resp: 24167

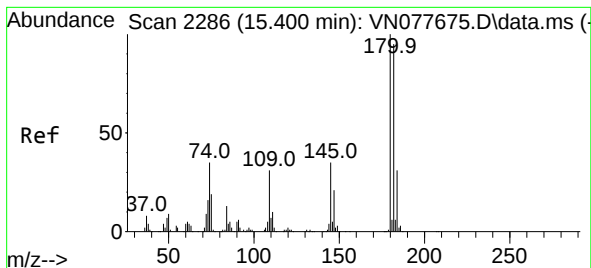
Ion Ratio Lower Upper

75 100

155 77.7 39.1 117.2

157 96.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.231 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

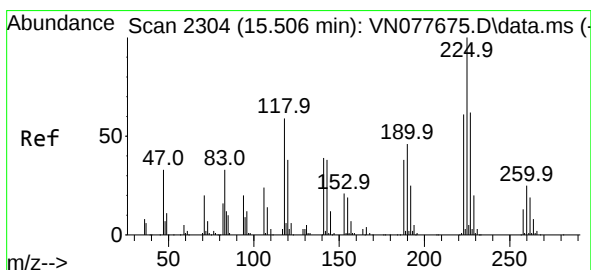
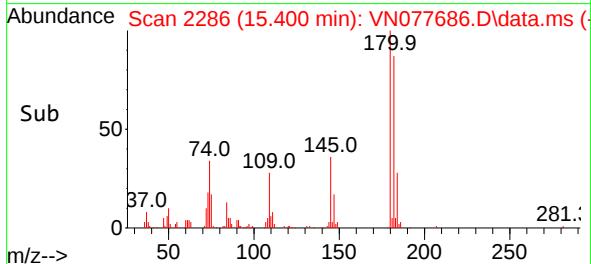
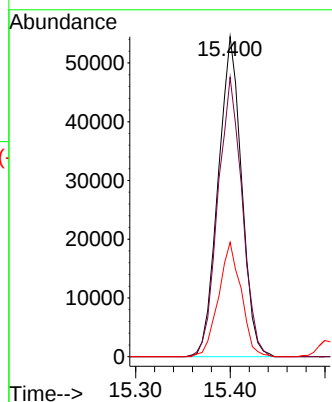
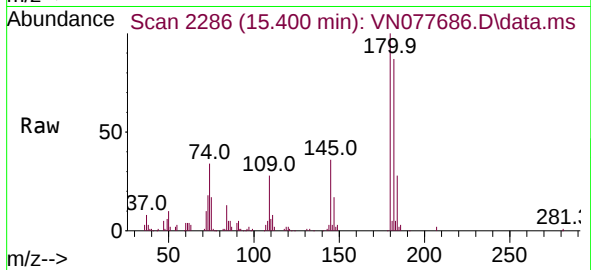
Tgt Ion:180	Resp:	9374
Ion Ratio	Lower	Upper
180	100	
182	90.1	46.1 138.2
145	34.5	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#94

Hexachlorobutadiene

Concen: 18.220 ug/l

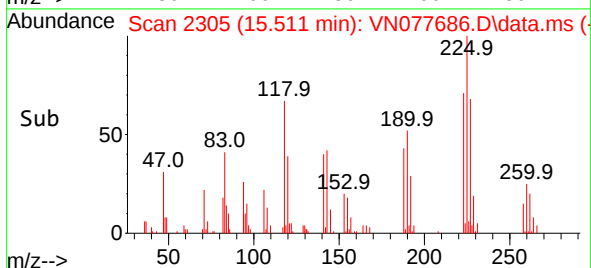
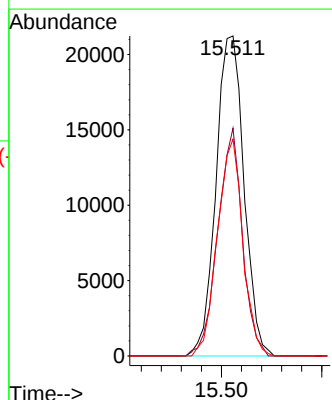
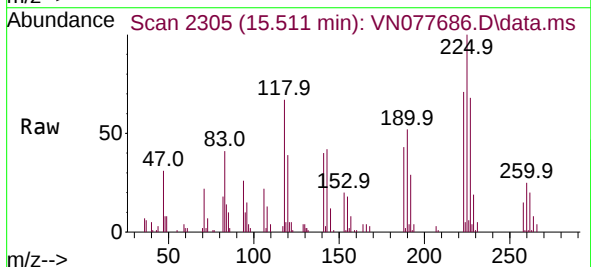
RT: 15.511 min Scan# 2305

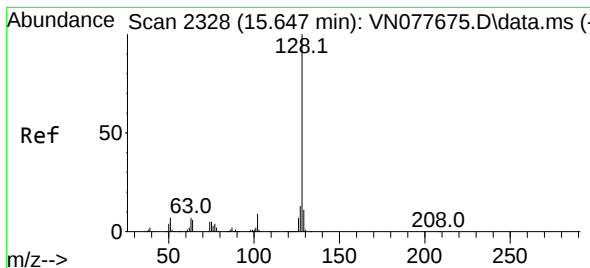
Delta R.T. 0.005 min

Lab File: VN077686.D

Acq: 16 May 2023 12:30

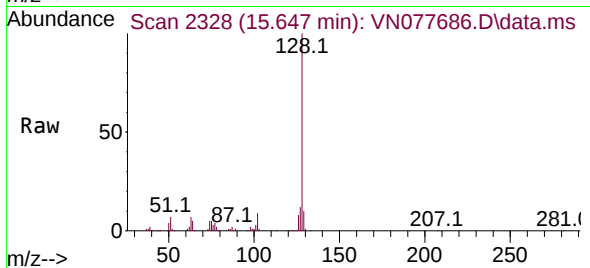
Tgt Ion:225	Resp:	41159
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.3 93.8
227	61.3	31.9 95.9





#95
Naphthalene
Concen: 15.724 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30

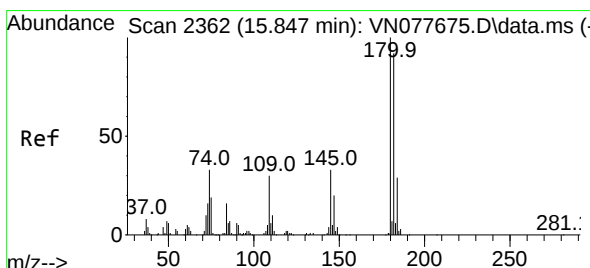
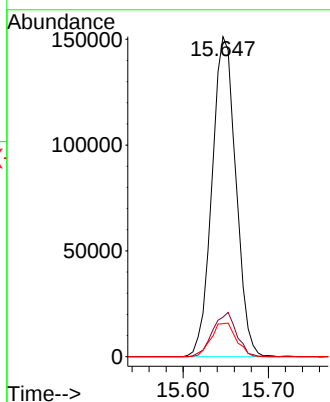
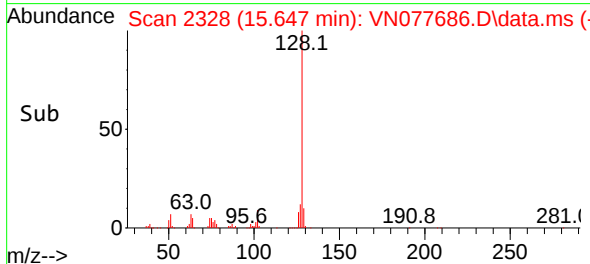
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



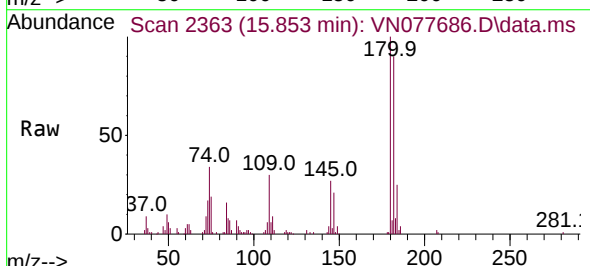
Tgt Ion:128 Resp: 294456
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.315 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077686.D
Acq: 16 May 2023 12:30



Tgt Ion:180 Resp: 86907
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 37.9 17.5 52.6

