

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026879.D
 Acq On : 22 Jul 2022 10:25
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 23:51:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	505009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	533204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	268301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21541	5.160	ug/L	0.00
7) Chloroethane-d5	1.565	69	18250	5.168	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	39729	5.121	ug/L	0.00
21) 2-Butanone-d5	3.905	46	16493	7.342	ug/L	0.03
24) Chloroform-d	4.346	84	41119	5.093	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	23002	4.981	ug/L	0.00
32) Benzene-d6	5.050	84	69172	4.243	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	23216	4.504	ug/L	0.00
41) Toluene-d8	7.317	98	54256	3.778	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	8506	4.107	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	13396	7.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37292	4.965	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	23281	4.432	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	31147	7.964	ug/L	98
3) Chloromethane	1.240	50	28270	6.204	ug/L	99
5) Vinyl chloride	1.307	62	29140	6.014	ug/L	100
6) Bromomethane	1.520	94	18257	6.026	ug/L	99
8) Chloroethane	1.581	64	18445	5.810	ug/L	99
9) Trichlorofluoromethane	1.748	101	42166	6.246	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	24271	6.136	ug/L	95
12) 1,1-Dichloroethene	2.114	96	21823	5.645	ug/L	94
13) Acetone	2.175	43	21932	13.538	ug/L	97
14) Carbon disulfide	2.291	76	62754	5.834	ug/L	99
15) Methyl Acetate	2.433	43	23310	6.854	ug/L	99
16) Methylene chloride	2.500	84	29226	6.368	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	22231	5.559	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	54402	4.834	ug/L	98
19) 1,1-Dichloroethane	3.185	63	41512	5.701	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	20881	4.874	ug/L	99
22) 2-Butanone	3.992	43	13476	6.145	ug/L	75
23) Bromochloromethane	4.246	128	13424	5.497	ug/L	96
25) Chloroform	4.375	83	45569	5.915	ug/L	96
27) 1,2-Dichloroethane	5.133	62	32103	6.124	ug/L	98
29) Cyclohexane	4.670	56	23941	4.252	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	38518	5.535	ug/L	100
31) Carbon tetrachloride	4.825	117	33377	5.687	ug/L	99
33) Benzene	5.098	78	82817	4.797	ug/L	100
34) Trichloroethene	5.915	95	23012	5.273	ug/L	95
35) Methylcyclohexane	6.127	83	28572	4.328	ug/L	96
37) 1,2-Dichloropropane	6.172	63	21467	4.737	ug/L	99
38) Bromodichloromethane	6.510	83	32228	5.553	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	27097	4.509	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	42842	9.082	ug/L	94
42) Toluene	7.387	91	77328	4.281	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	26581	4.706	ug/L	97

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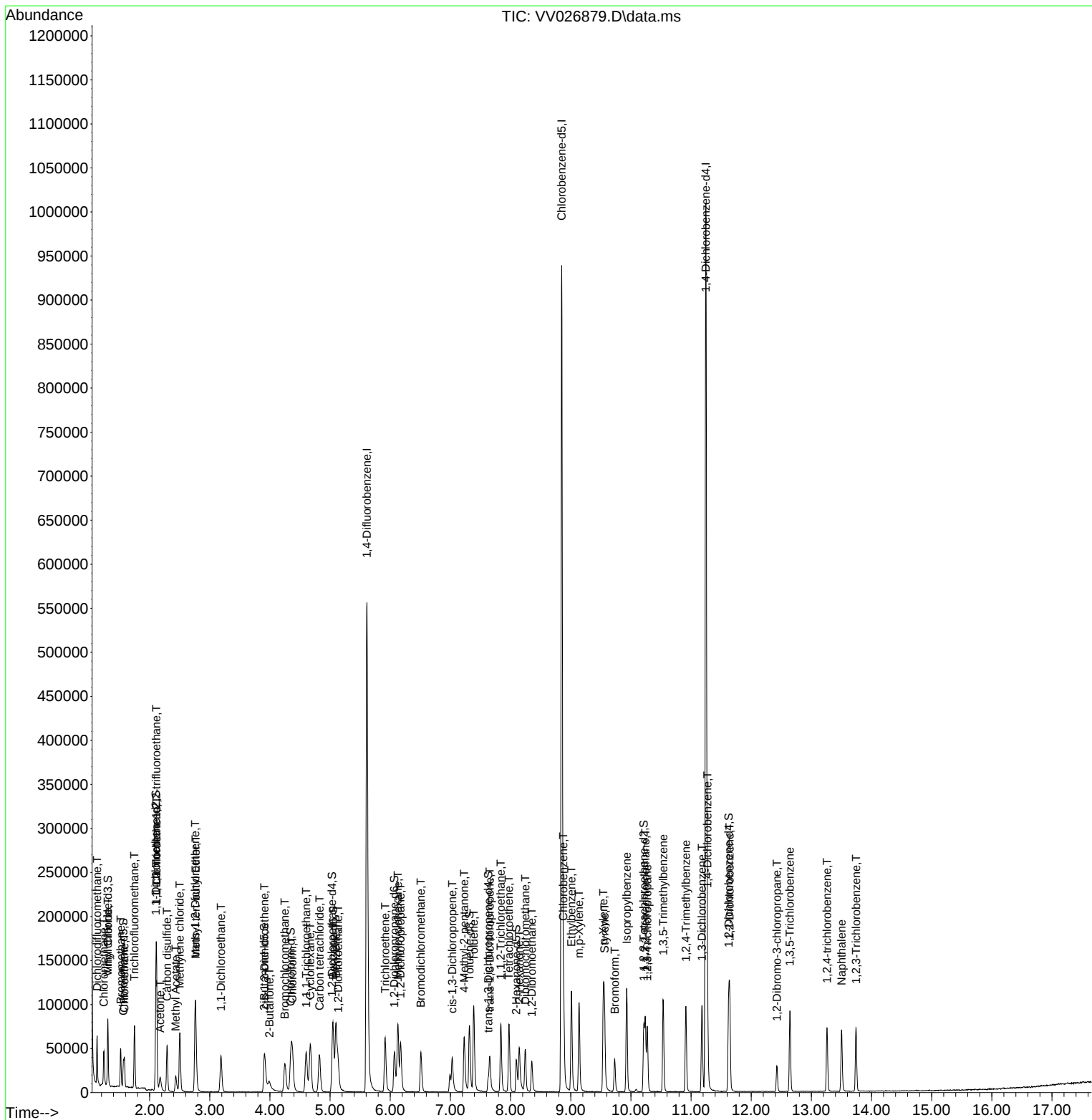
Instrument :
 MSVOA_V
 ClientSampleId :

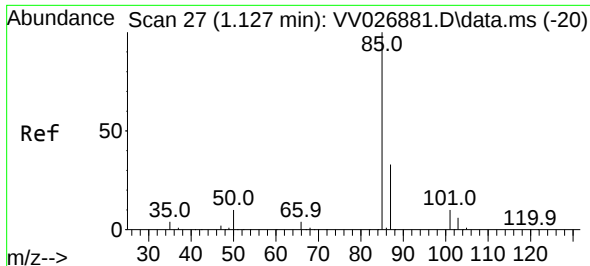
Quant Time: Jul 22 23:51:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	25705	5.605	ug/L	99
46) Tetrachloroethene	7.973	164	18300	5.218	ug/L	97
48) 2-Hexanone	8.143	43	32170	8.922	ug/L	90
49) Dibromochloromethane	8.246	129	25470	5.684	ug/L	100
50) 1,2-Dibromoethane	8.352	107	25303	5.429	ug/L	98
51) Chlorobenzene	8.879	112	63264	5.186	ug/L	98
52) Ethylbenzene	9.011	91	79005	4.303	ug/L	98
53) m,p-Xylene	9.140	106	29509	4.091	ug/L	96
54) o-Xylene	9.542	106	28023	4.035	ug/L	96
55) Styrene	9.561	104	46266	3.787	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40191	5.575	ug/L	95
59) Bromoform	9.731	173	16552	6.688	ug/L #	98
60) Isopropylbenzene	9.931	105	71952	4.435	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	31197	6.352	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	55981	4.259	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	54388	4.143	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	41338	5.002	ug/L	95
65) 1,4-Dichlorobenzene	11.272	146	46617	5.439	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	43497	5.166	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	7773	6.824	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	29545	5.202	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	22190	4.656	ug/L	97
71) Naphthalene	13.503	128	56612	4.030	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	22006	4.471	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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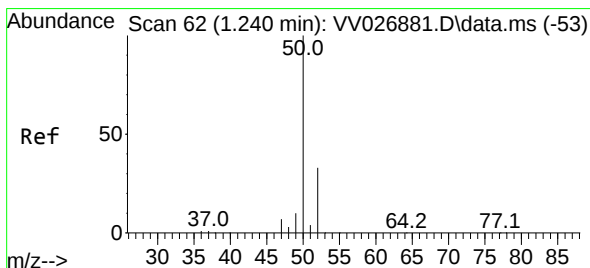
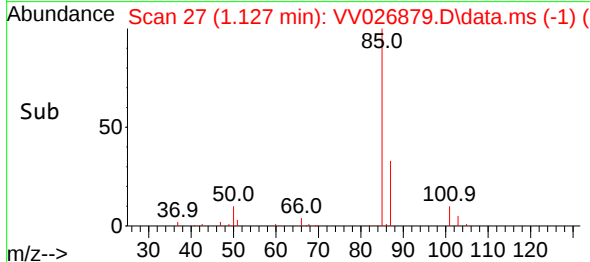
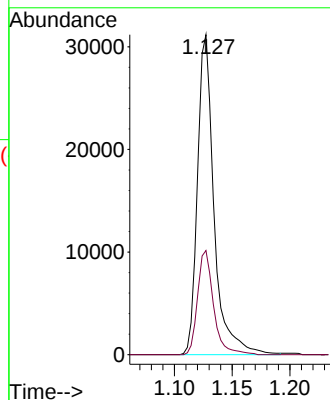
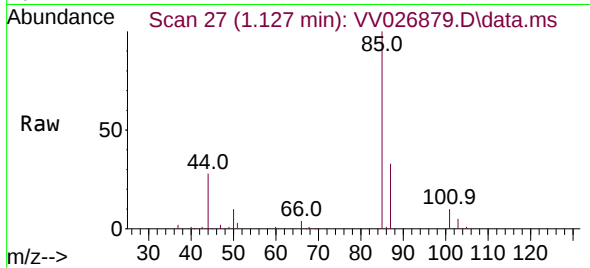




#2
 Dichlorodifluoromethane
 Concen: 7.964 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

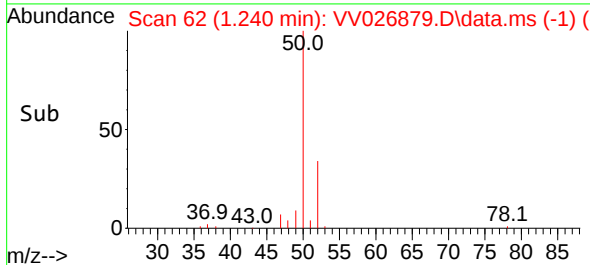
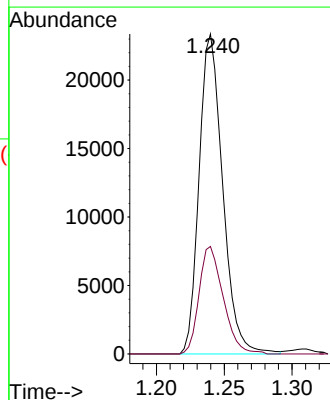
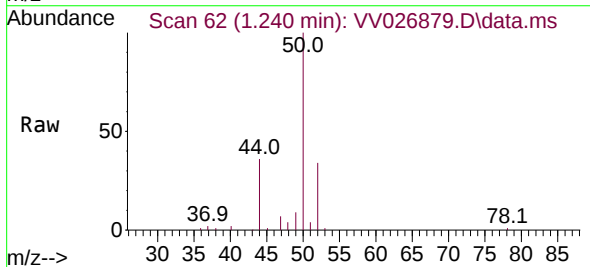
Instrument :
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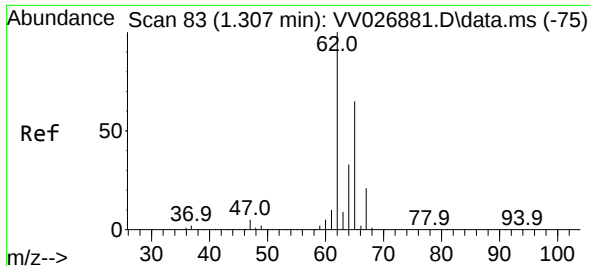
Tgt Ion: 85 Resp: 31147
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.1 39.1



#3
 Chloromethane
 Concen: 6.204 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

Tgt Ion: 50 Resp: 28270
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.1 42.9

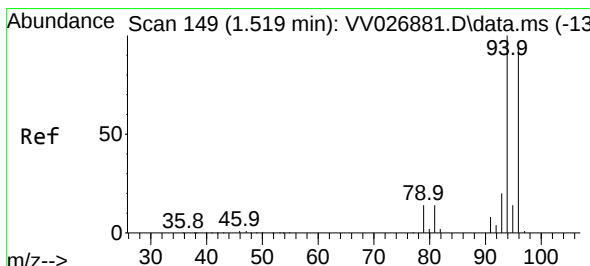
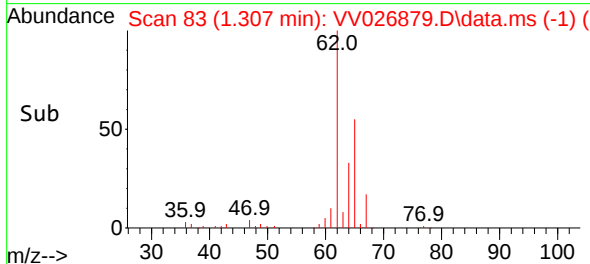
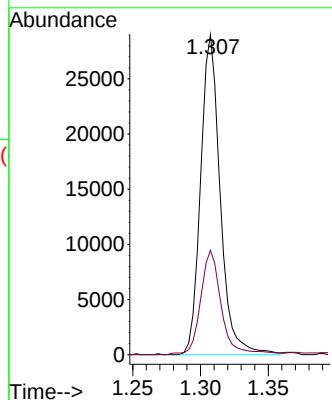
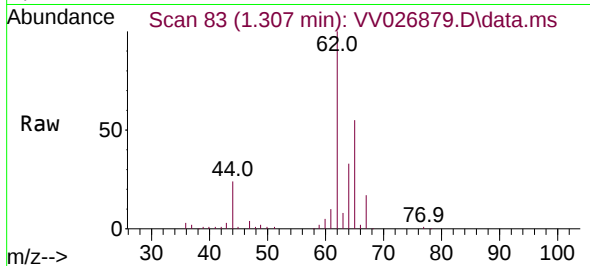




#5
 Vinyl chloride
 Concen: 6.014 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

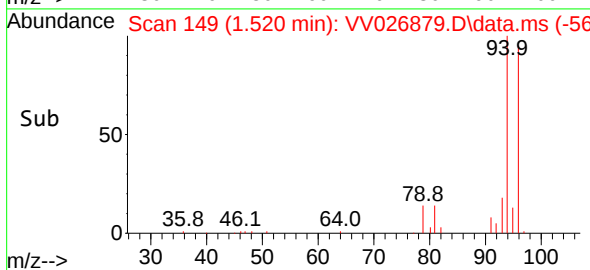
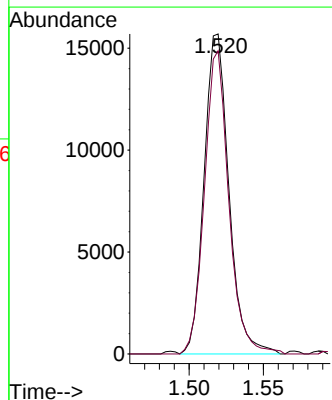
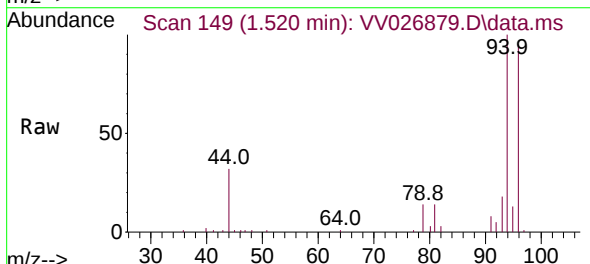
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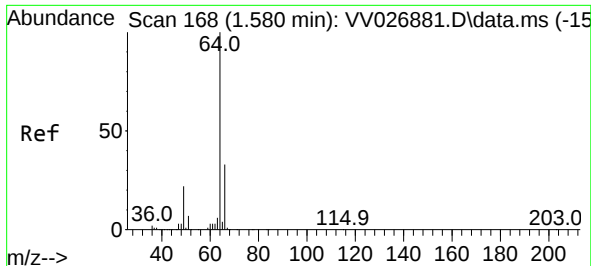
Tgt Ion: 62 Resp: 29140
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 6.026 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

Tgt Ion: 94 Resp: 18257
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2

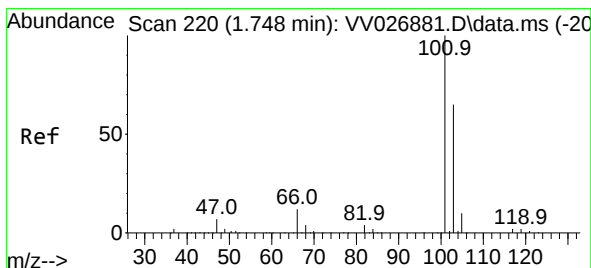
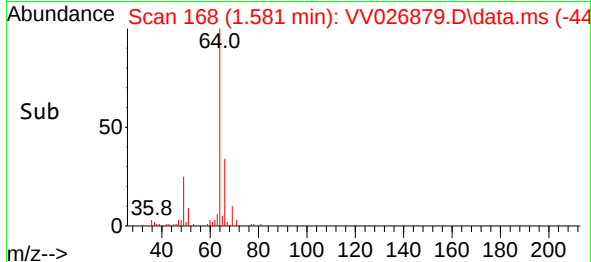
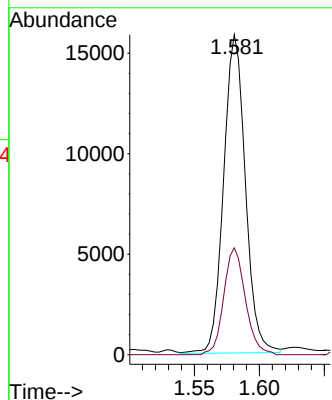
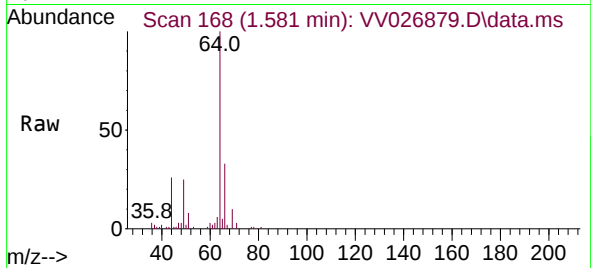




#8
Chloroethane
Concen: 5.810 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

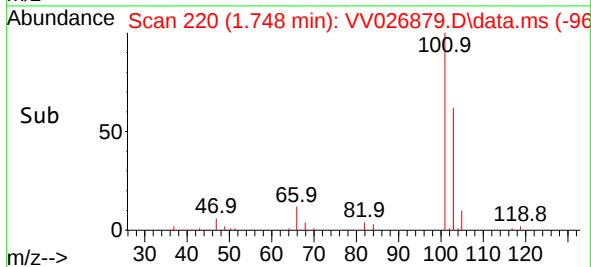
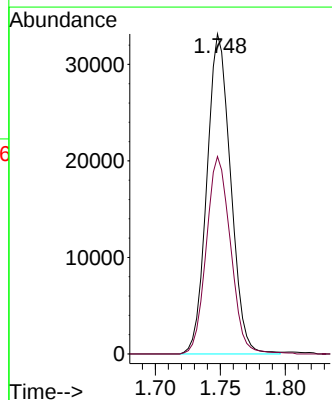
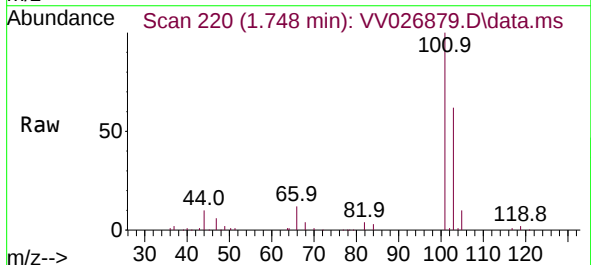
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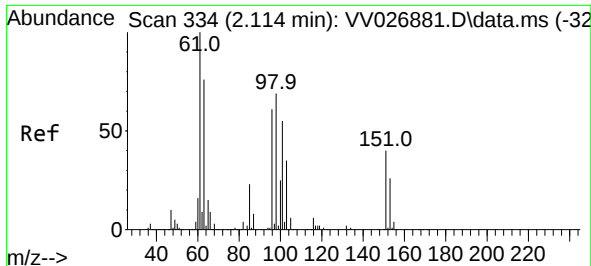
Tgt Ion: 64 Resp: 18445
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 6.246 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

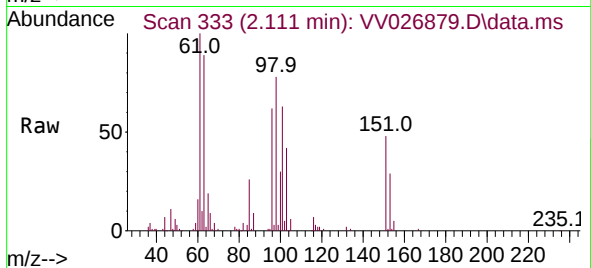
Tgt Ion:101 Resp: 42166
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8



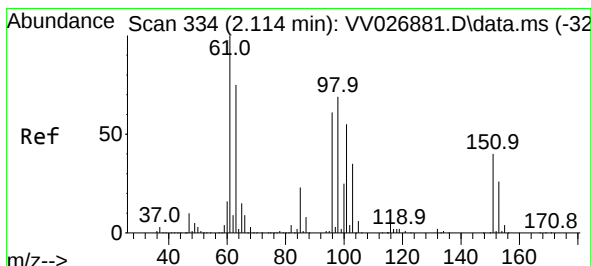
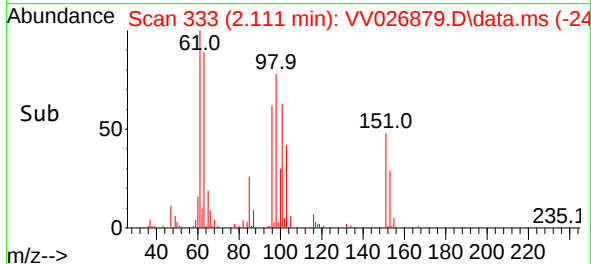
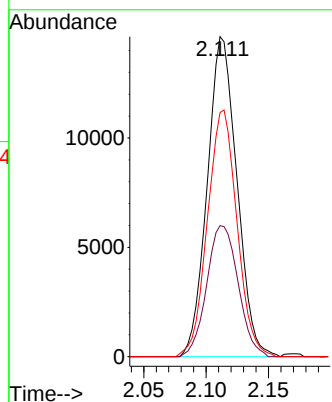


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.136 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

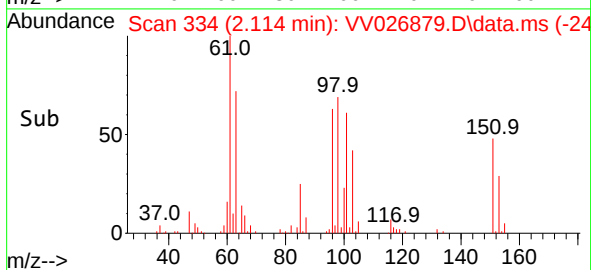
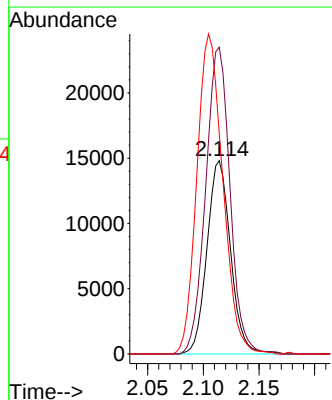
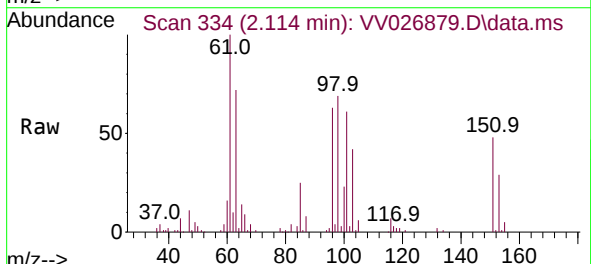


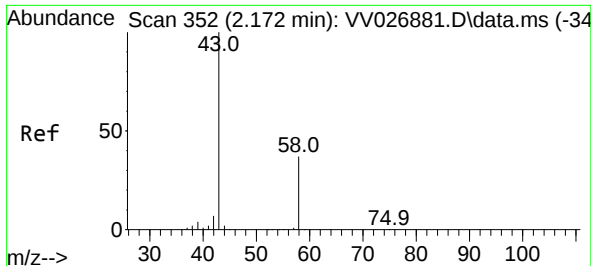
Tgt Ion:101 Resp: 24271
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.1 49.7
 151 76.8 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 5.645 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

Tgt Ion: 96 Resp: 21823
 Ion Ratio Lower Upper
 96 100
 61 158.8 114.2 212.0
 63 114.2 87.0 161.6





#13

Acetone

Concen: 13.538 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

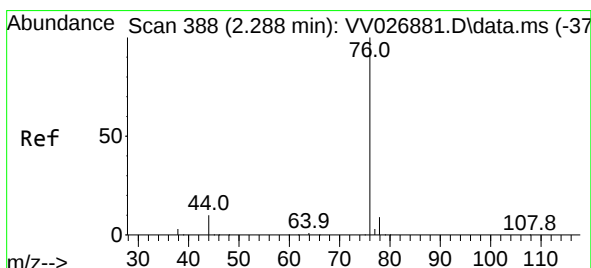
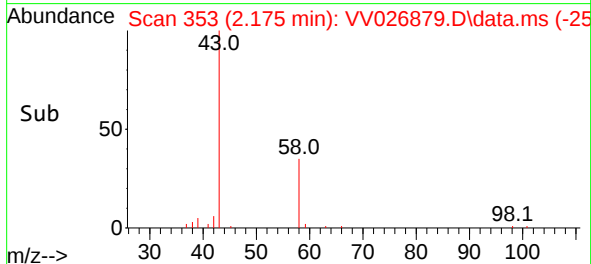
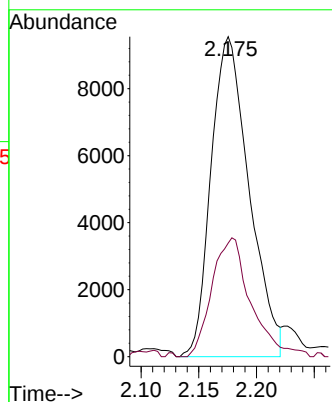
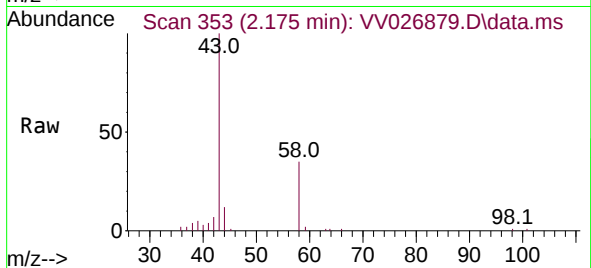
ClientSampleId :

Tgt Ion: 43 Resp: 21932

Ion Ratio Lower Upper

43 100

58 37.8 0.0 72.6



#14

Carbon disulfide

Concen: 5.834 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV026879.D

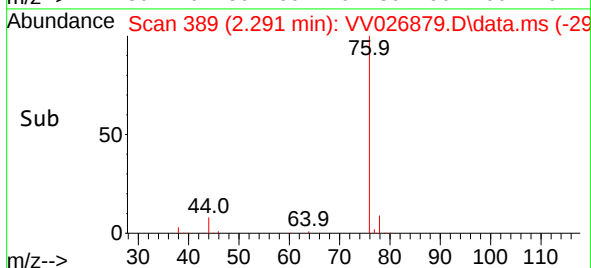
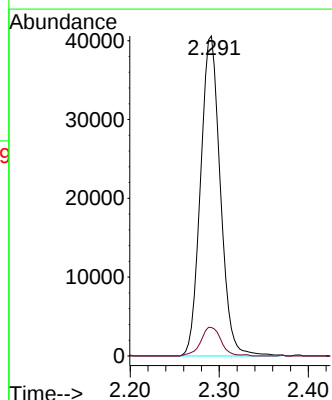
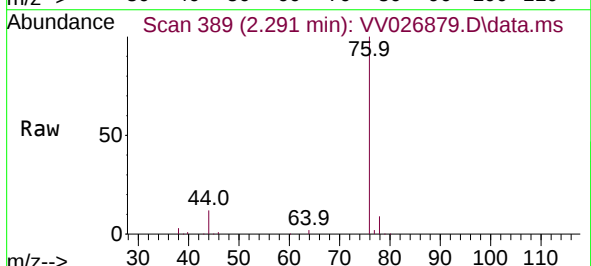
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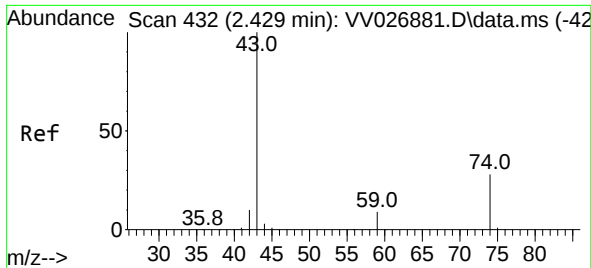
Tgt Ion: 76 Resp: 62754

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

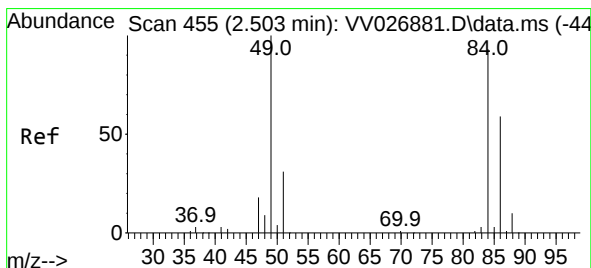
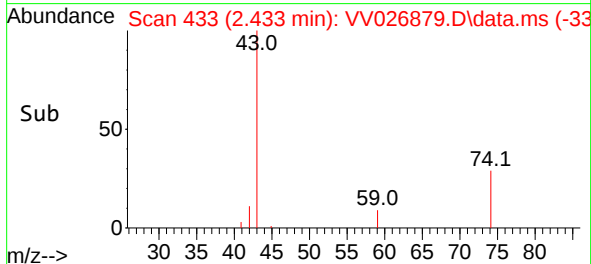
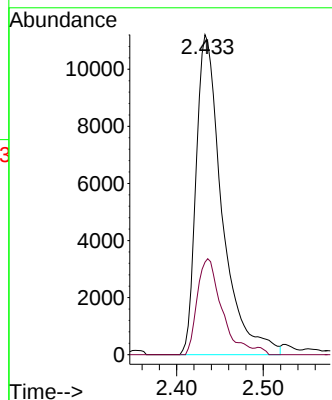
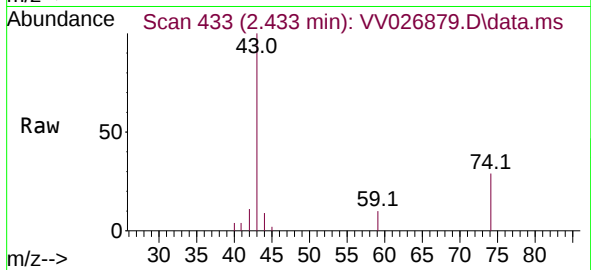




#15
Methyl Acetate
Concen: 6.854 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

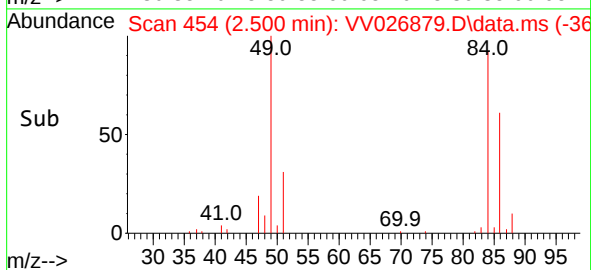
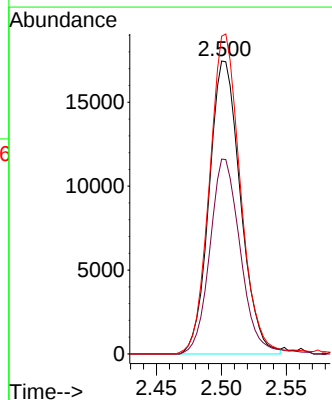
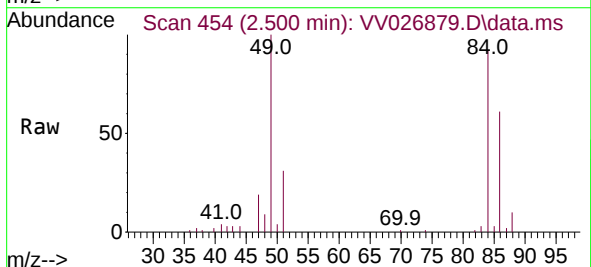
Instrument :
MSVOA_V
ClientSampleId :

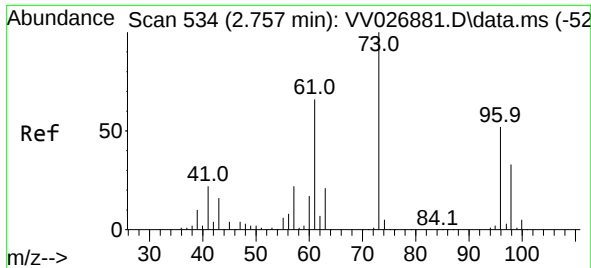
Tgt Ion: 43 Resp: 23310
Ion Ratio Lower Upper
43 100
74 26.8 22.1 33.1



#16
Methylene chloride
Concen: 6.368 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion: 84 Resp: 29226
Ion Ratio Lower Upper
84 100
86 66.5 44.5 82.7
49 108.5 75.0 139.2

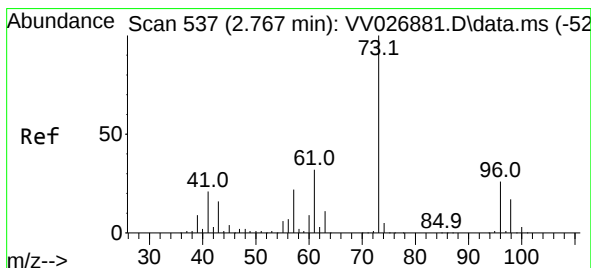
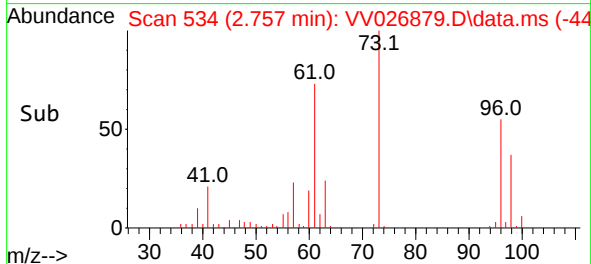
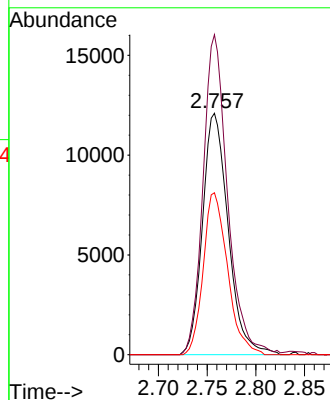
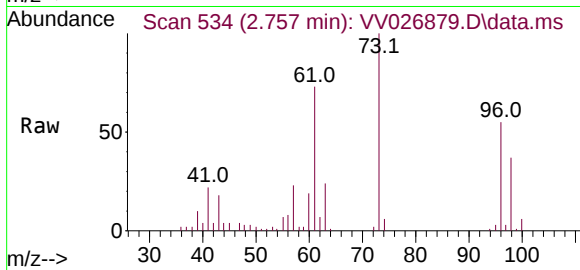




#17
trans-1,2-Dichloroethene
Concen: 5.559 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

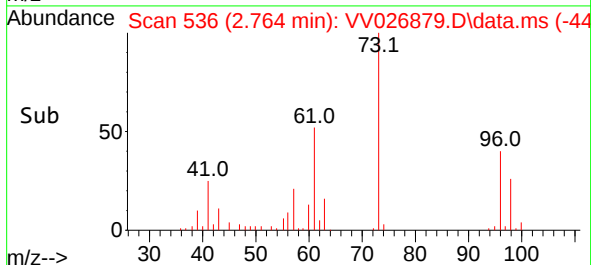
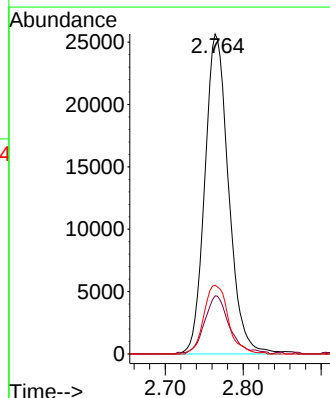
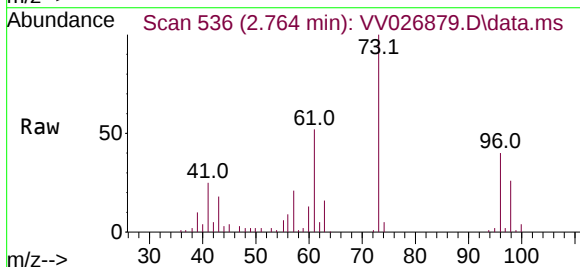
Instrument :
MSVOA_V
ClientSampleId :

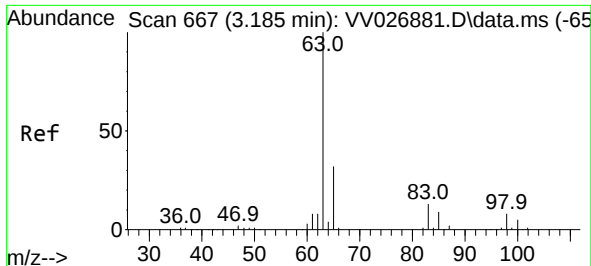
Tgt Ion: 96 Resp: 22231
Ion Ratio Lower Upper
96 100
61 132.6 89.2 165.6
98 67.1 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 4.834 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion: 73 Resp: 54402
Ion Ratio Lower Upper
73 100
43 17.9 12.8 19.2
57 22.0 17.3 25.9

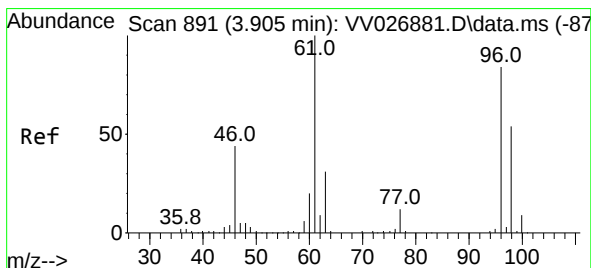
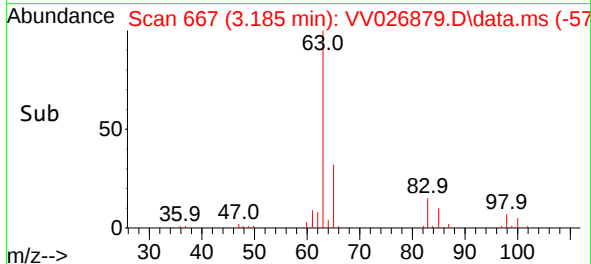
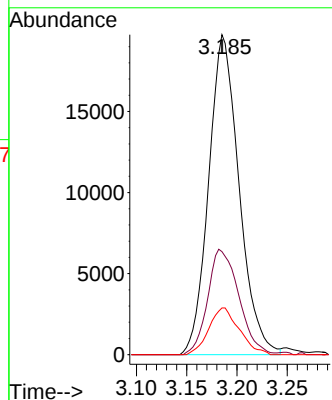
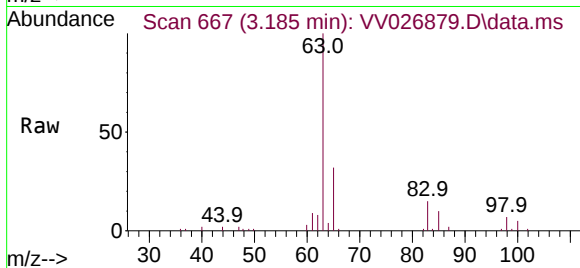




#19
1,1-Dichloroethane
Concen: 5.701 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

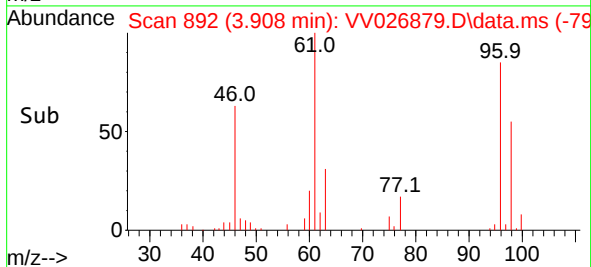
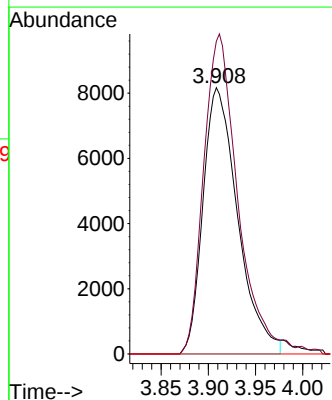
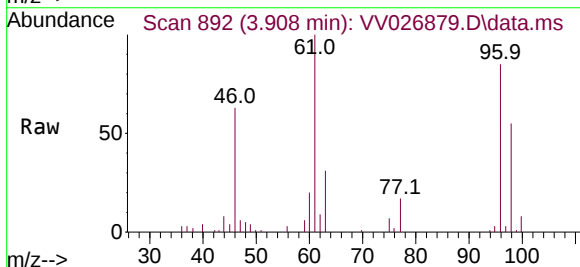
Instrument :
MSVOA_V
ClientSampleId :

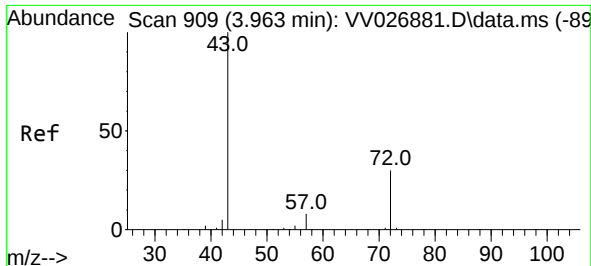
Tgt Ion:	63	Resp:	41512
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.6	42.0
83	14.6	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 4.874 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:	96	Resp:	20881
Ion	Ratio	Lower	Upper
96	100		
61	117.5	83.0	154.1
68	0.0	0.0	0.0

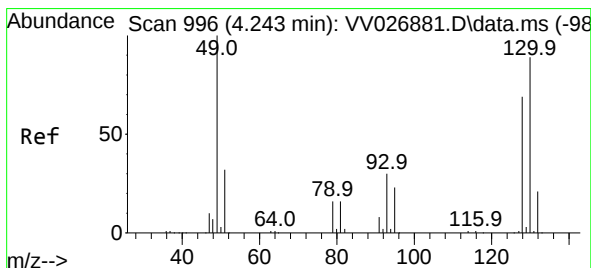
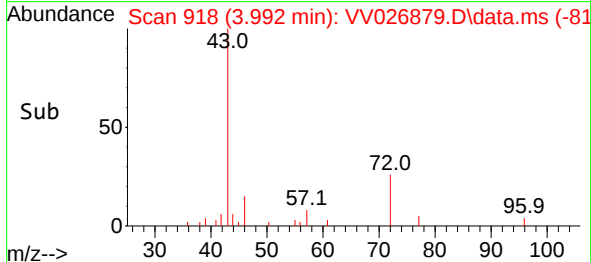
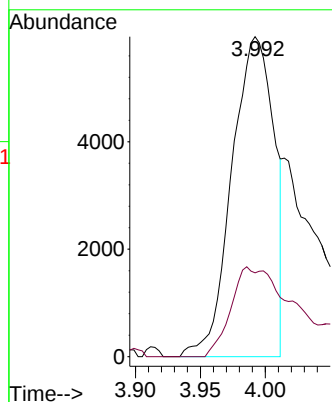
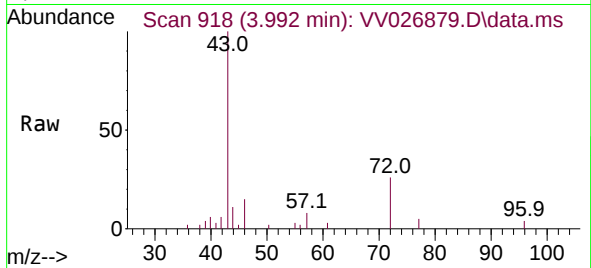




#22
2-Butanone
Concen: 6.145 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.029 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

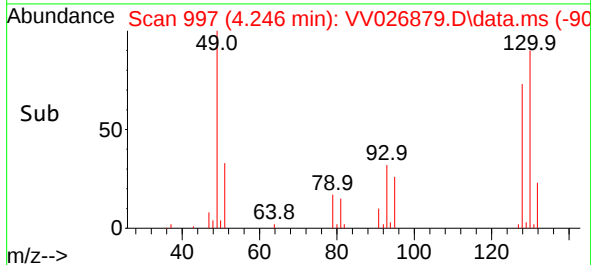
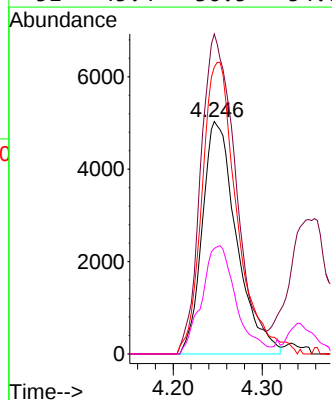
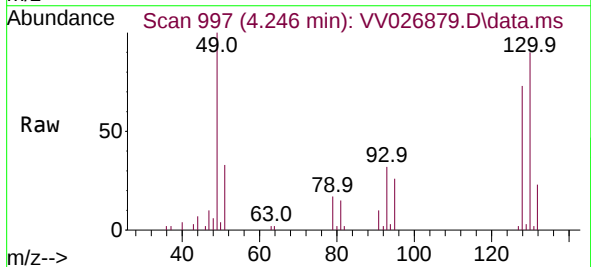
Instrument :
MSVOA_V
ClientSampleId :

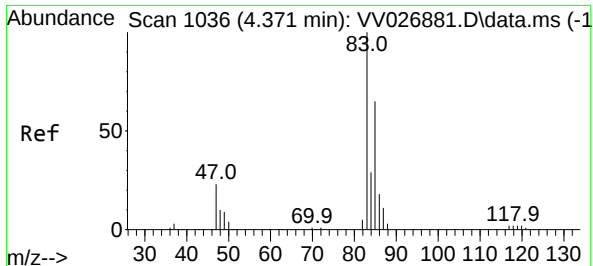
Tgt Ion: 43 Resp: 13476
Ion Ratio Lower Upper
43 100
72 16.4 14.9 44.5



#23
Bromochloromethane
Concen: 5.497 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:128 Resp: 13424
Ion Ratio Lower Upper
128 100
49 137.7 101.0 187.6
130 123.4 90.0 167.2
51 45.4 36.5 54.7

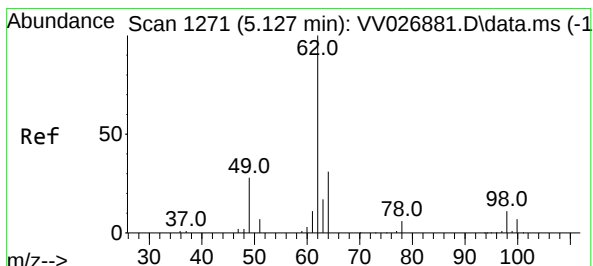
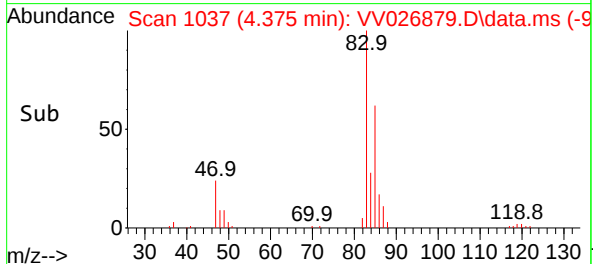
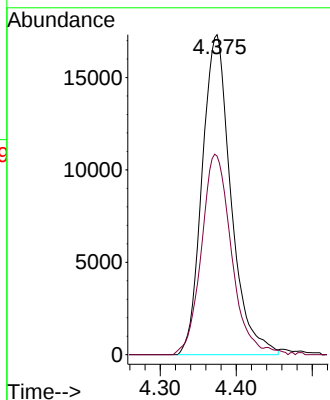
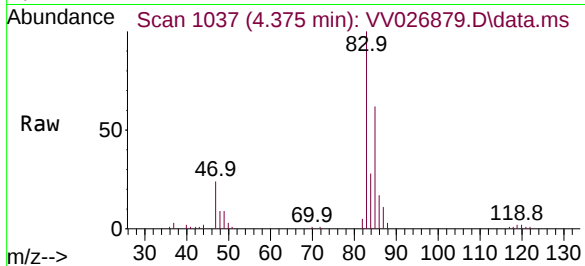




#25
Chloroform
Concen: 5.915 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

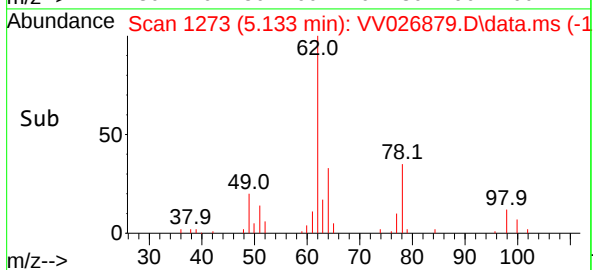
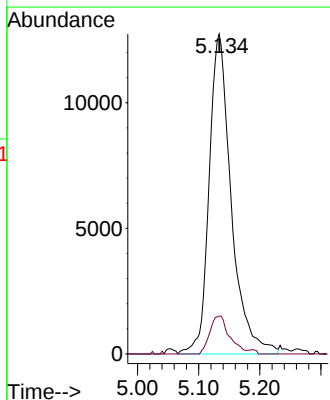
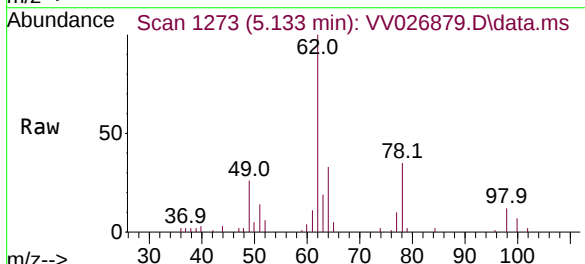
Instrument :
MSVOA_V
ClientSampleId :

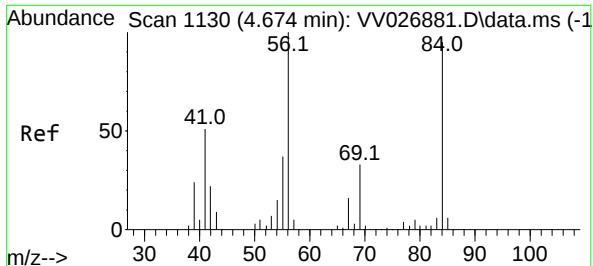
Tgt Ion: 83 Resp: 45569
Ion Ratio Lower Upper
83 100
85 62.0 45.8 85.0



#27
1,2-Dichloroethane
Concen: 6.124 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.007 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion: 62 Resp: 32103
Ion Ratio Lower Upper
62 100
98 11.8 8.9 13.3





#29

Cyclohexane

Concen: 4.252 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

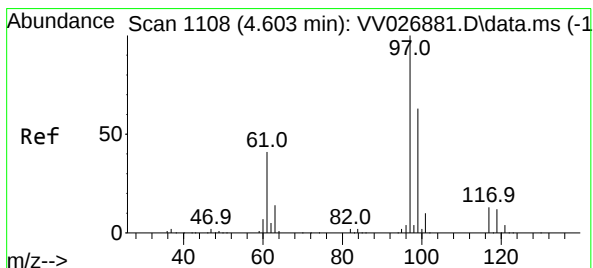
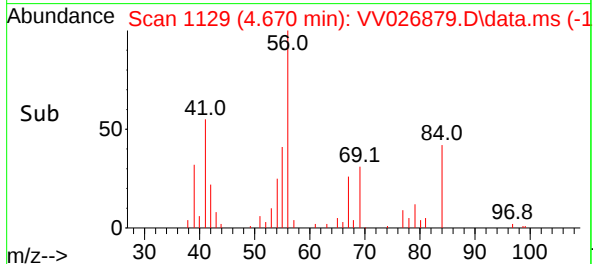
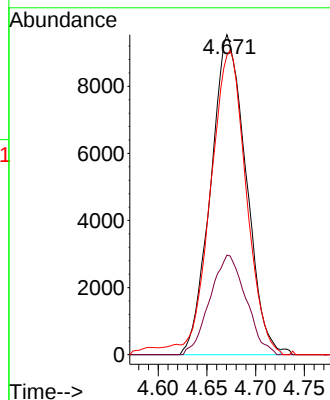
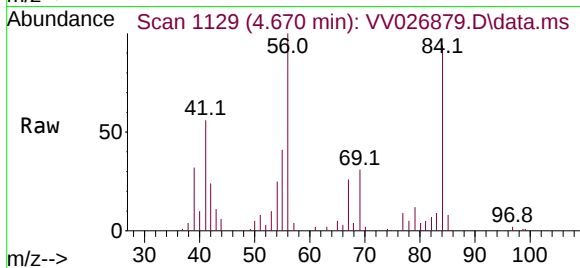
Tgt Ion: 56 Resp: 23941

Ion Ratio Lower Upper

56 100

69 31.8 25.7 38.5

84 95.0 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 5.535 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

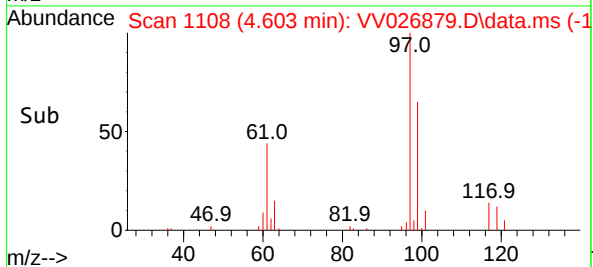
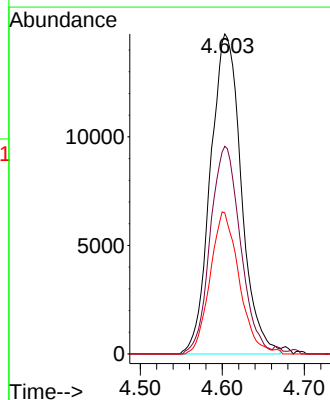
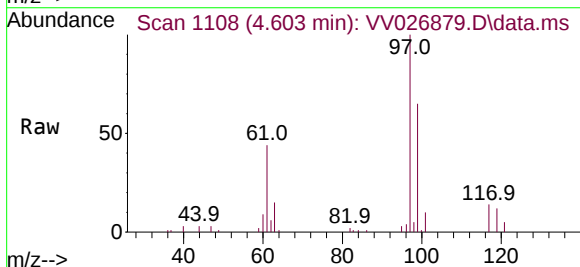
Tgt Ion: 97 Resp: 38518

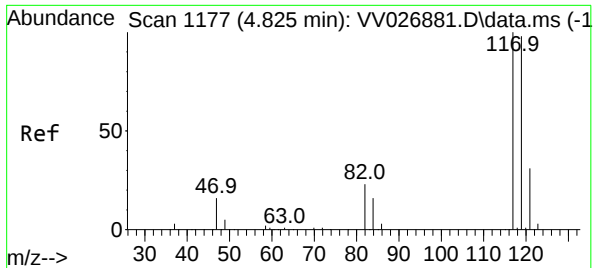
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

61 41.6 33.1 49.7

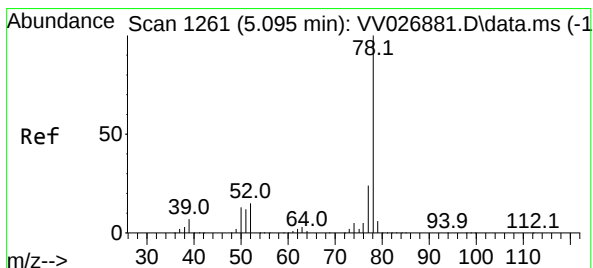
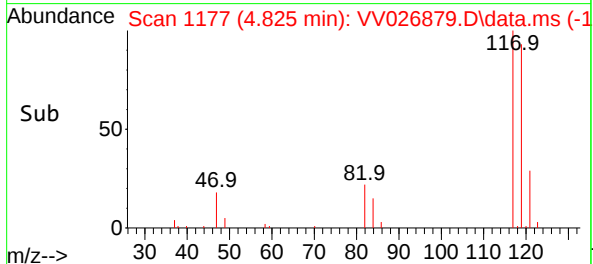
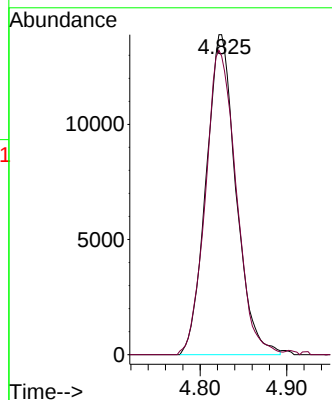
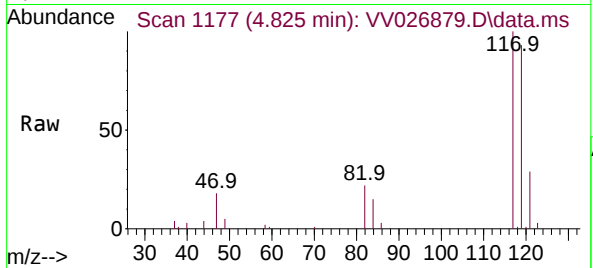




#31
Carbon tetrachloride
Concen: 5.687 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

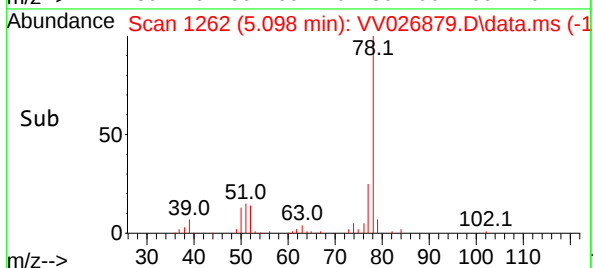
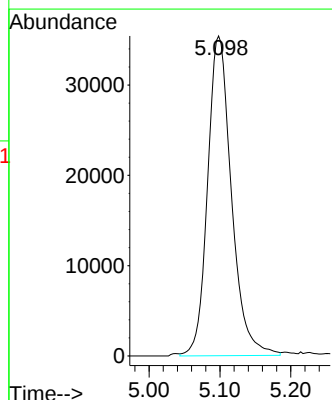
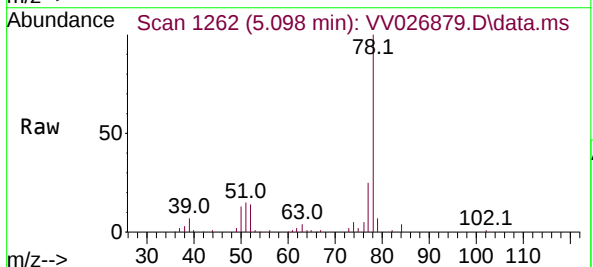
Instrument :
MSVOA_V
ClientSampleId :

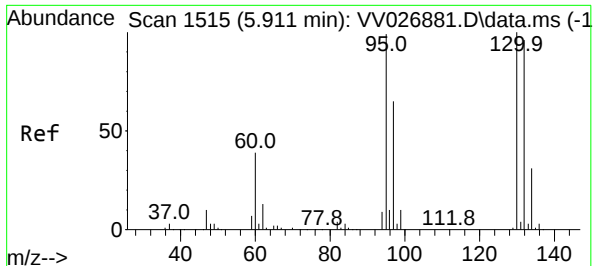
Tgt Ion:117 Resp: 33377
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9



#33
Benzene
Concen: 4.797 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion: 78 Resp: 82817

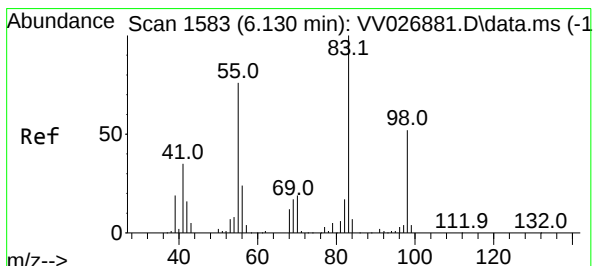
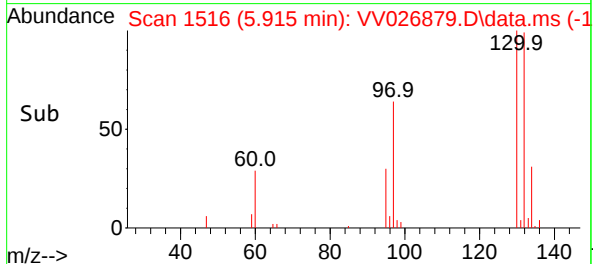
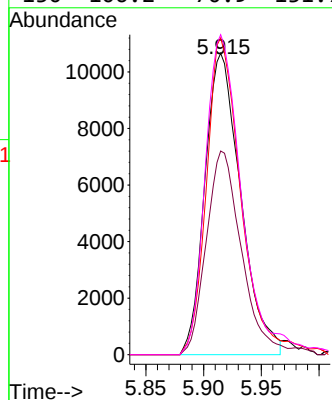
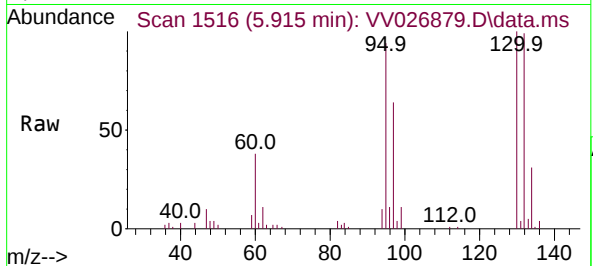




#34
Trichloroethene
Concen: 5.273 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

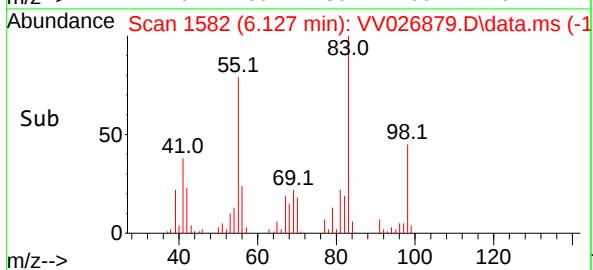
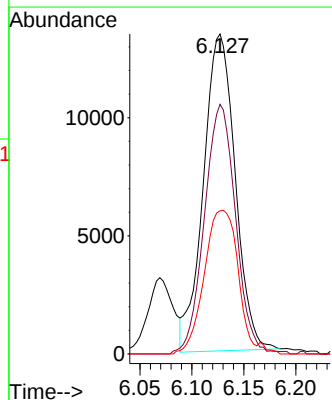
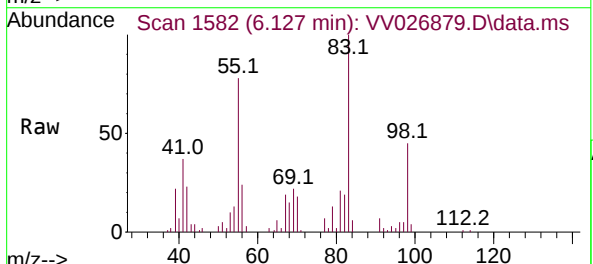
Instrument :
MSVOA_V
ClientSampleId :

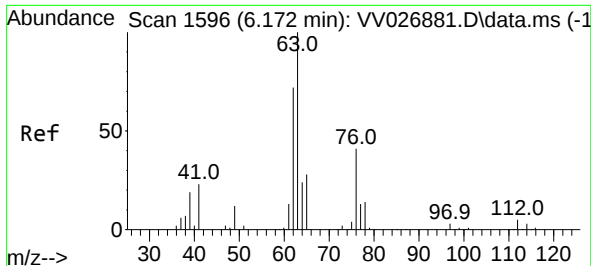
Tgt Ion:	95	Resp:	23012
Ion Ratio	Lower	Upper	
95	100		
97	67.6	45.9	85.3
132	105.1	68.1	126.5
130	106.2	70.9	131.7



#35
Methylcyclohexane
Concen: 4.328 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:	83	Resp:	28572
Ion Ratio	Lower	Upper	
83	100		
55	76.9	57.4	86.2
98	47.7	39.4	59.0





#37

1,2-Dichloropropane

Concen: 4.737 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

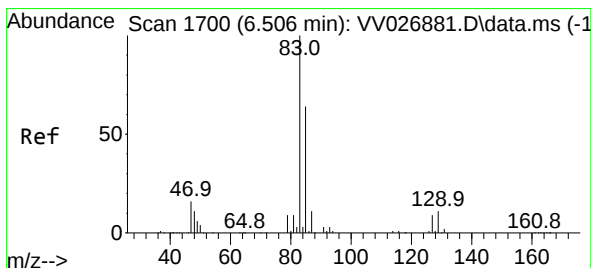
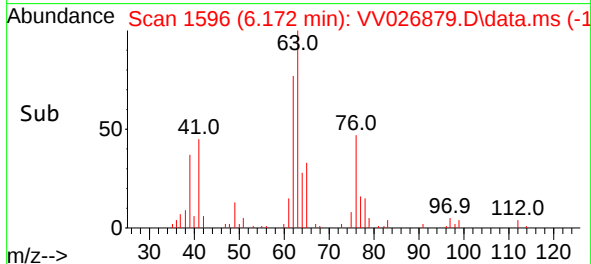
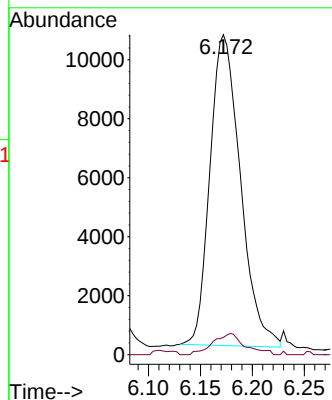
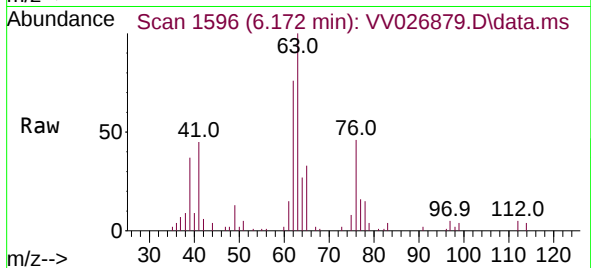
ClientSampleId :

Tgt Ion: 63 Resp: 21467

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 5.553 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

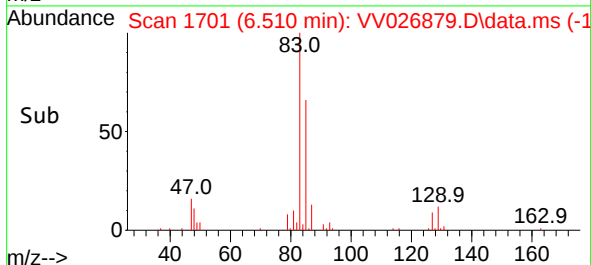
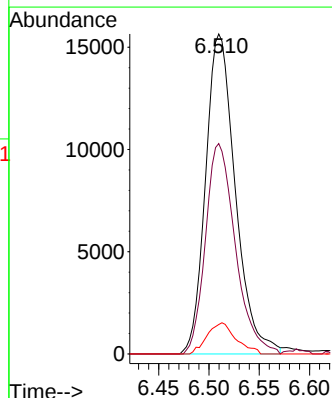
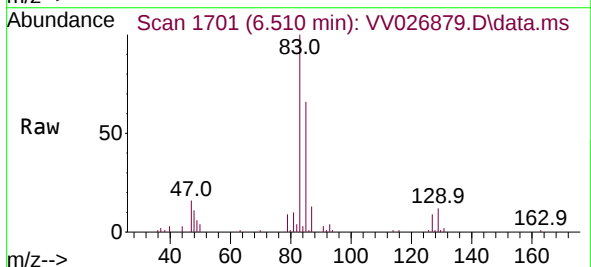
Tgt Ion: 83 Resp: 32228

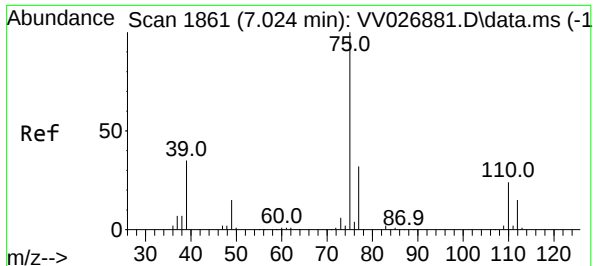
Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.509 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

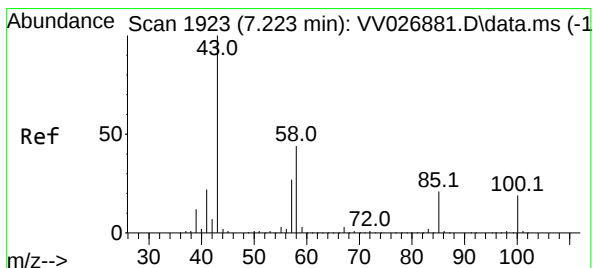
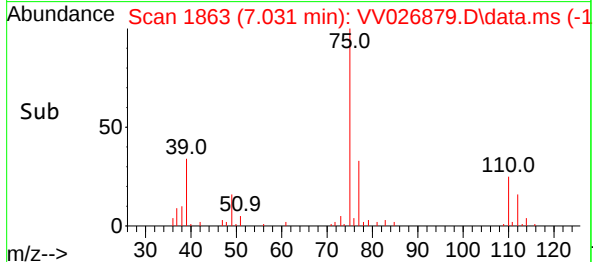
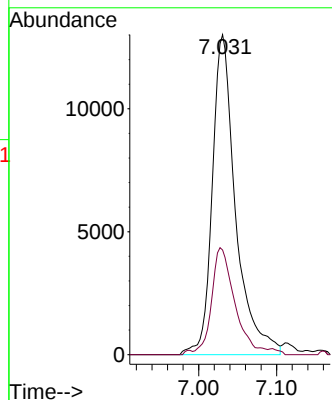
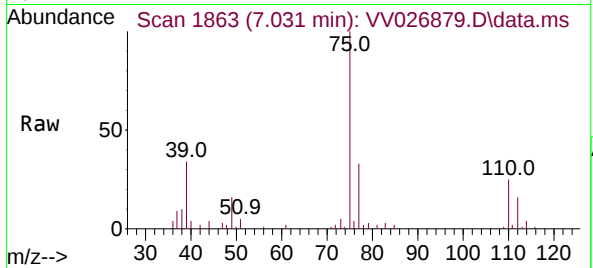
ClientSampleId :

Tgt Ion: 75 Resp: 27097

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.082 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.007 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

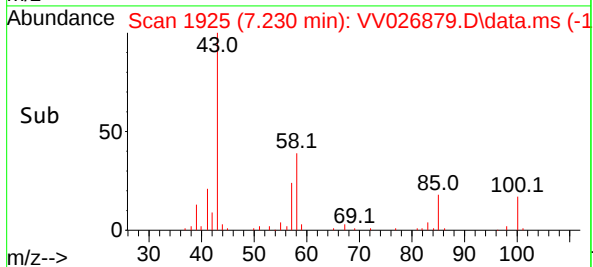
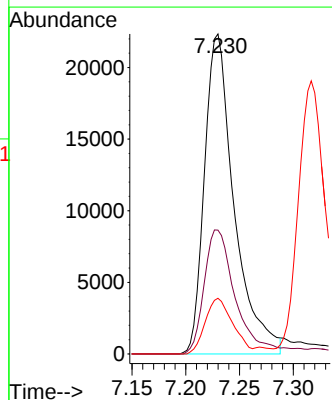
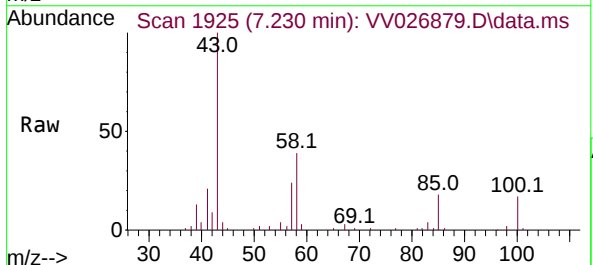
Tgt Ion: 43 Resp: 42842

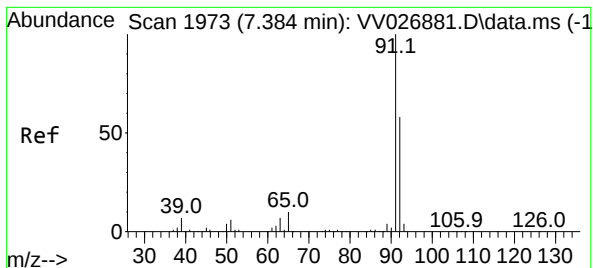
Ion Ratio Lower Upper

43 100

58 40.4 35.0 52.6

100 16.2 15.4 23.0





#42

Toluene

Concen: 4.281 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

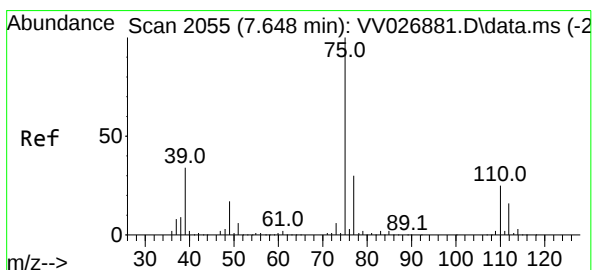
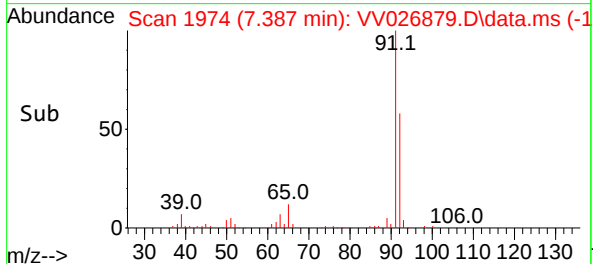
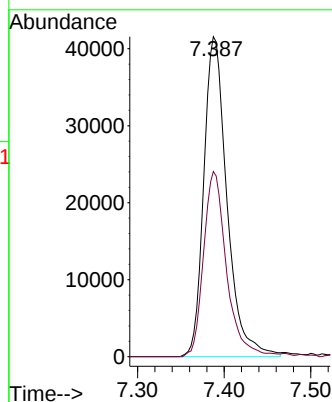
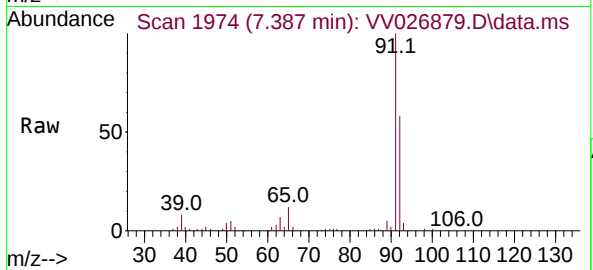
ClientSampleId :

Tgt Ion: 91 Resp: 77328

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.706 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV026879.D

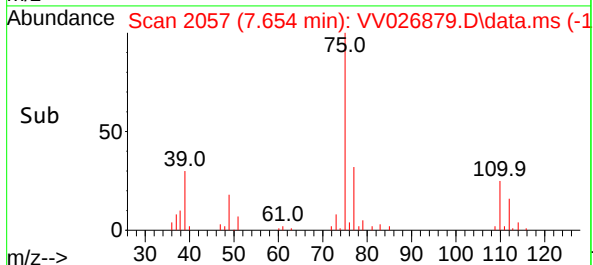
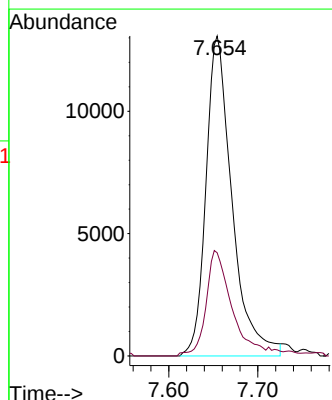
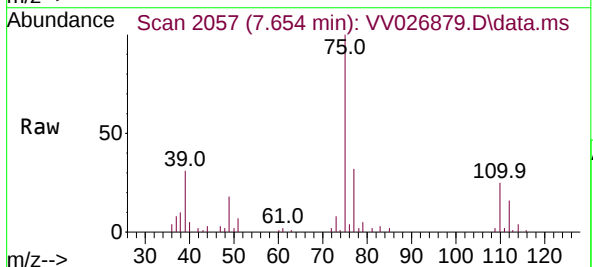
Acq: 22 Jul 2022 10:25

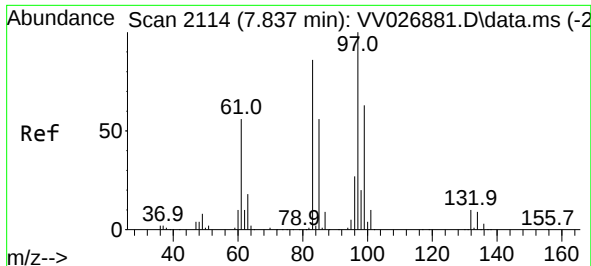
Tgt Ion: 75 Resp: 26581

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.605 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 25705

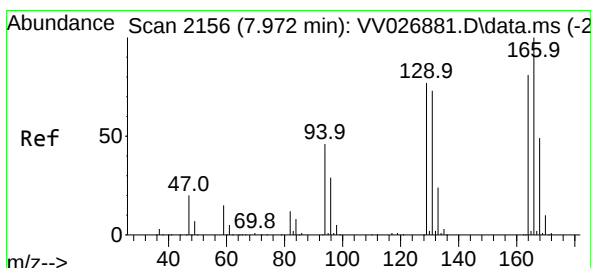
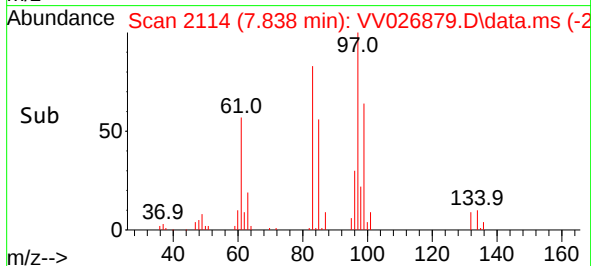
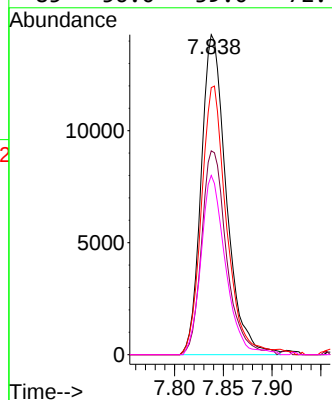
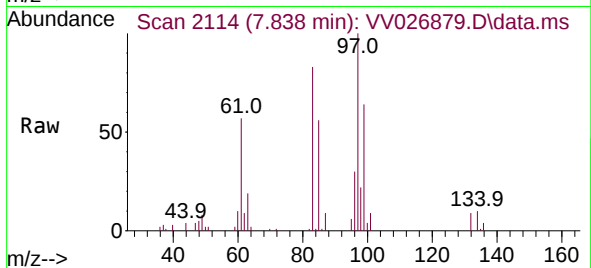
Ion Ratio Lower Upper

97 100

99 63.7 44.0 81.8

83 83.5 59.9 111.3

85 56.0 39.0 72.4



#46

Tetrachloroethene

Concen: 5.218 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Tgt Ion:164 Resp: 18300

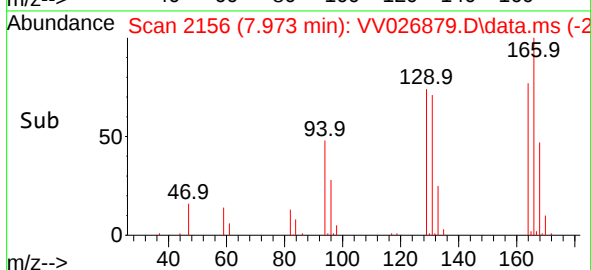
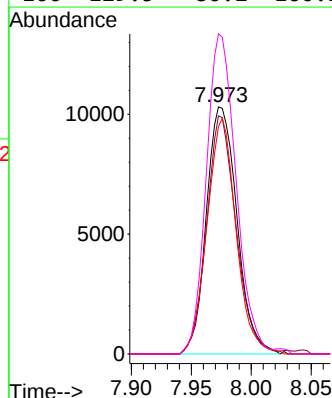
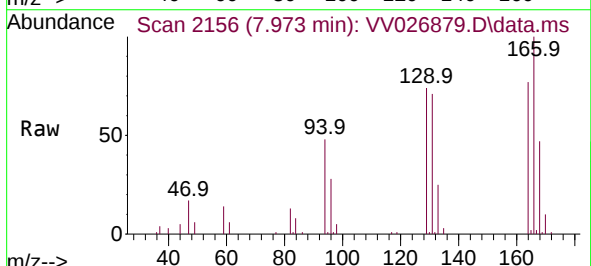
Ion Ratio Lower Upper

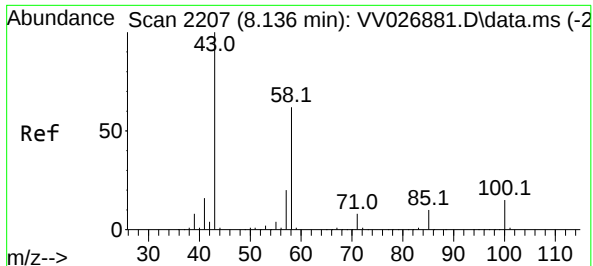
164 100

129 96.4 66.3 123.1

131 92.0 63.1 117.3

166 129.5 86.2 160.2

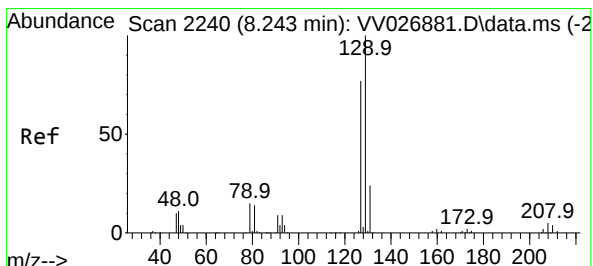
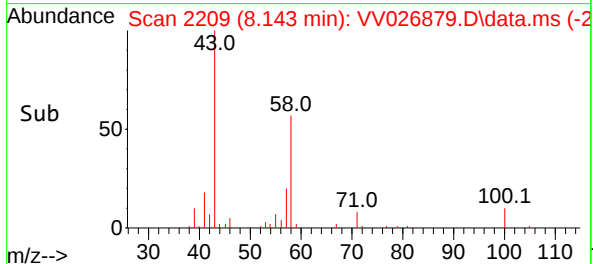
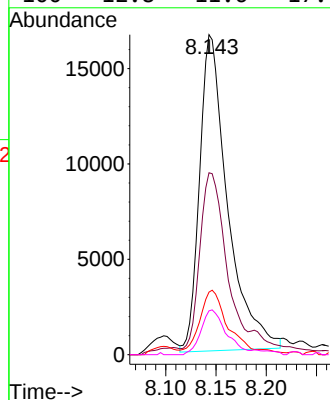
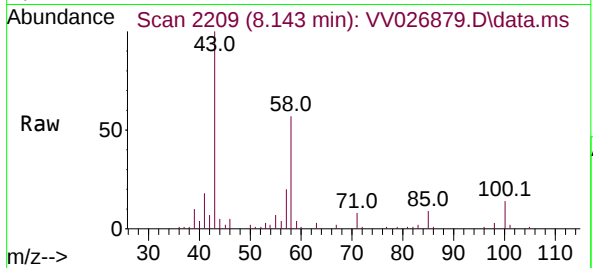




#48
2-Hexanone
Concen: 8.922 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

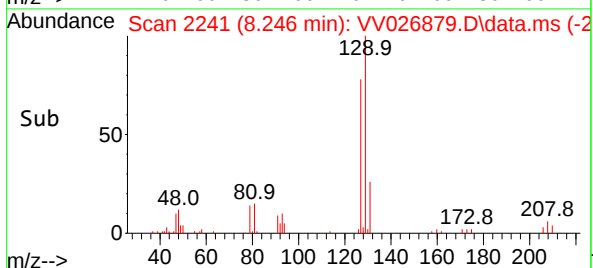
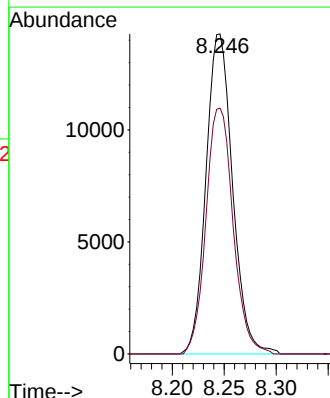
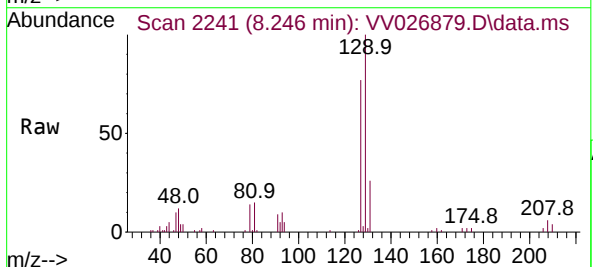
Instrument :
MSVOA_V
ClientSampleId :

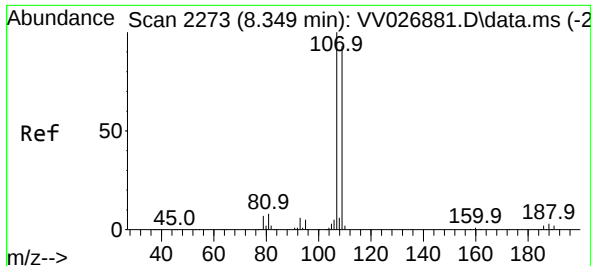
Tgt Ion: 43	Resp: 32170
Ion Ratio	Lower Upper
43 100	
58 50.9	48.8 73.2
57 18.0	16.6 24.8
100 12.8	11.6 17.4



#49
Dibromochloromethane
Concen: 5.684 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:129	Resp: 25470		
Ion Ratio	Lower	Upper	
129 100			
127 76.8	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 5.429 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026879.D

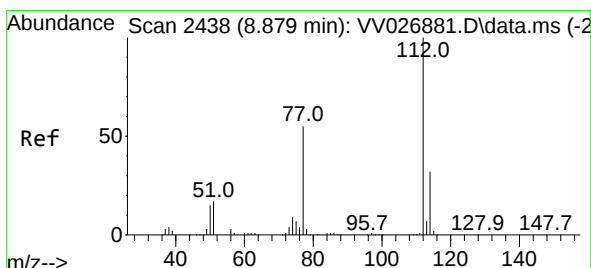
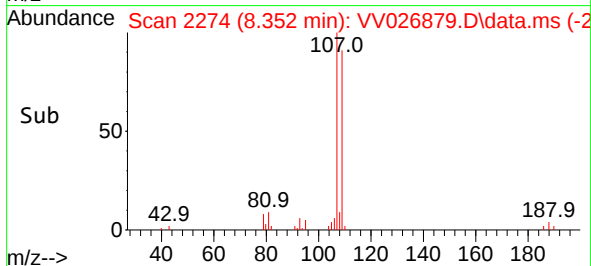
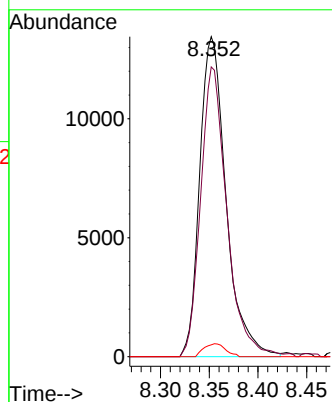
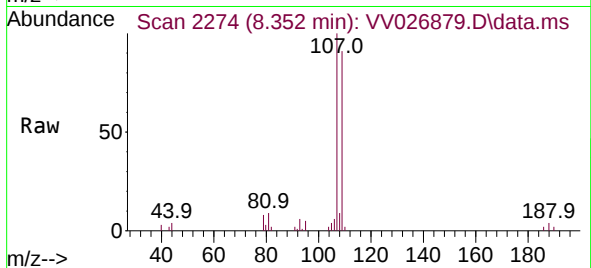
Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	25303
Ion	Ratio	Lower	Upper
107	100		
109	90.6	64.9	120.5
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 5.186 ug/L

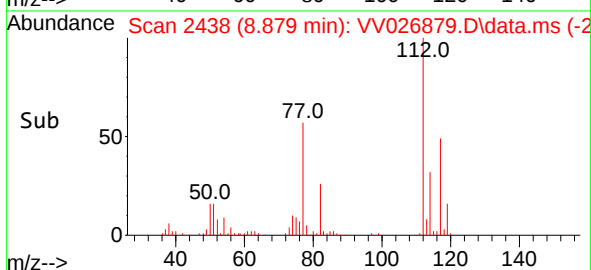
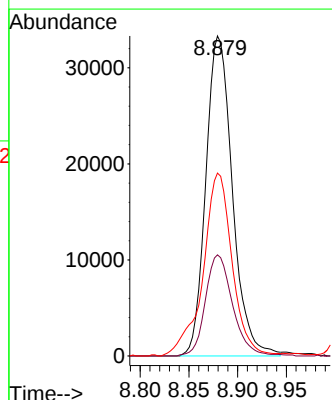
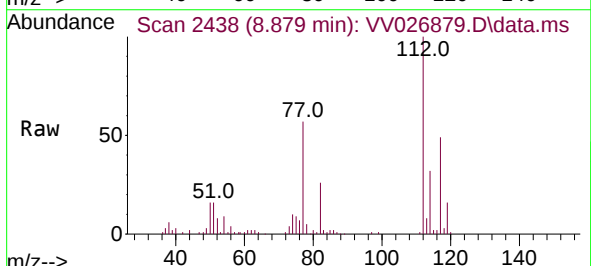
RT: 8.879 min Scan# 2438

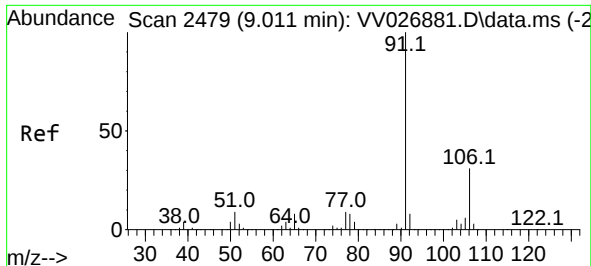
Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Tgt Ion:	112	Resp:	63264
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.7	42.1
77	57.2	44.4	66.6





#52

Ethylbenzene

Concen: 4.303 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

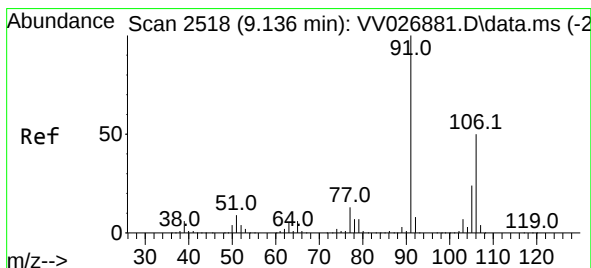
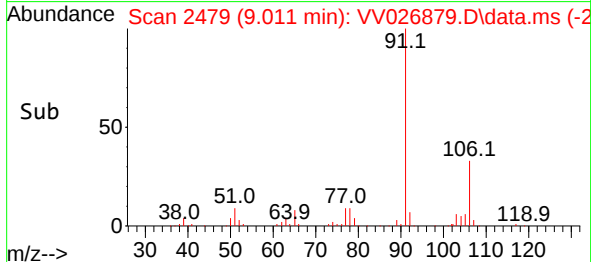
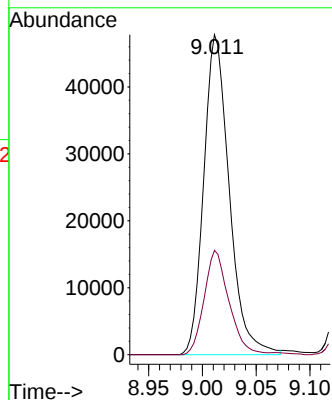
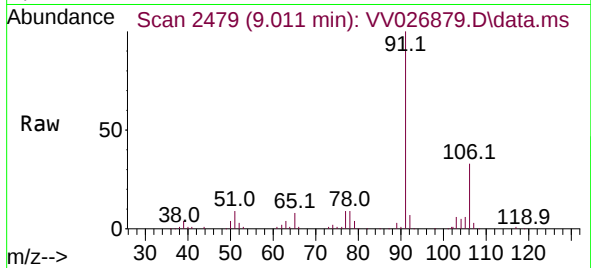
ClientSampleId :

Tgt Ion: 91 Resp: 79005

Ion Ratio Lower Upper

91 100

106 32.6 22.0 40.8



#53

m,p-Xylene

Concen: 4.091 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026879.D

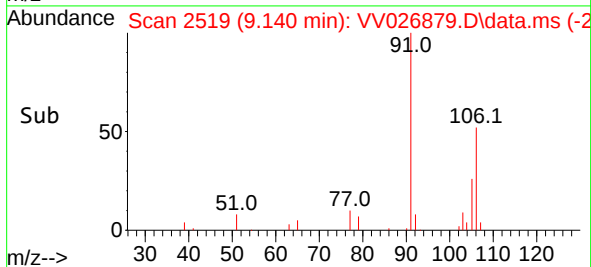
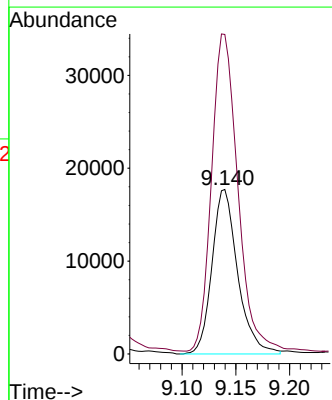
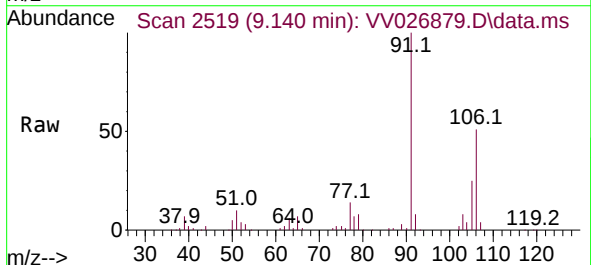
Acq: 22 Jul 2022 10:25

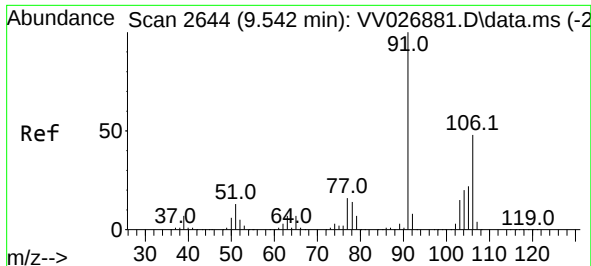
Tgt Ion: 106 Resp: 29509

Ion Ratio Lower Upper

106 100

91 194.2 140.0 260.0

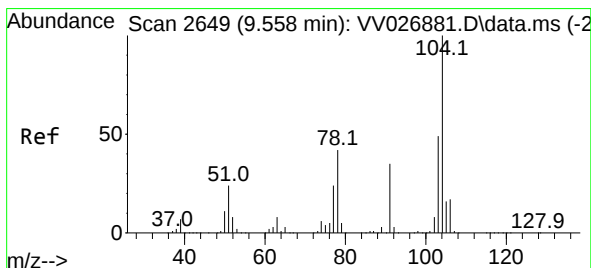
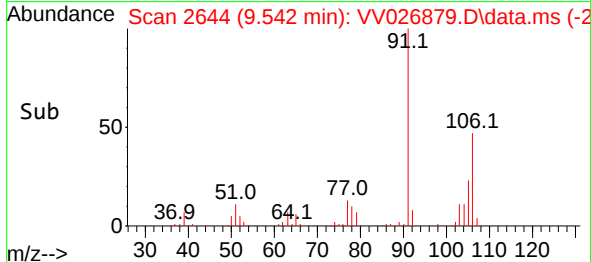
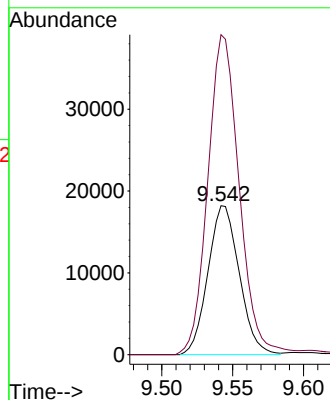
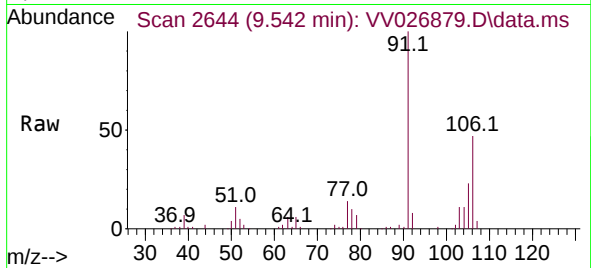




#54
o-Xylene
Concen: 4.035 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

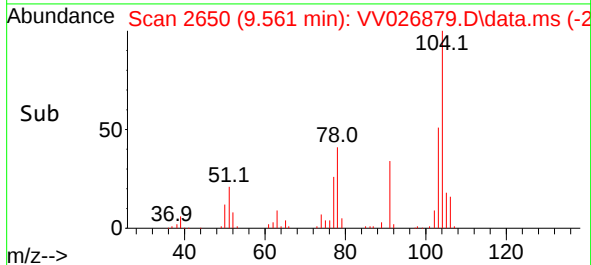
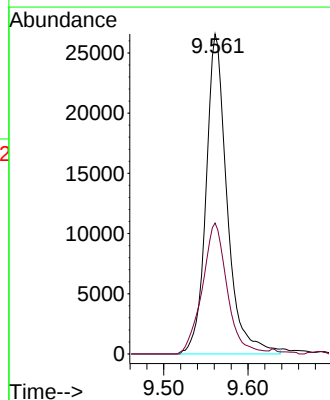
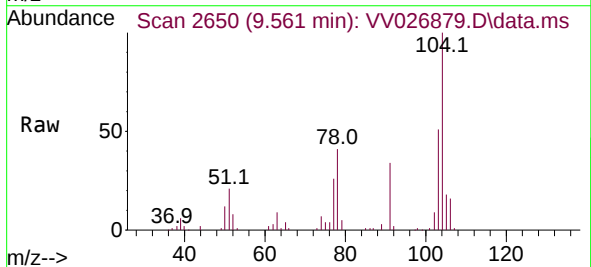
Instrument :
MSVOA_V
ClientSampleId :

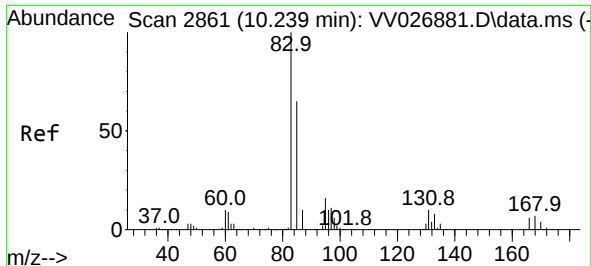
Tgt Ion:106 Resp: 28023
Ion Ratio Lower Upper
106 100
91 214.8 146.1 271.3



#55
Styrene
Concen: 3.787 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:104 Resp: 46266
Ion Ratio Lower Upper
104 100
78 40.9 29.6 55.0

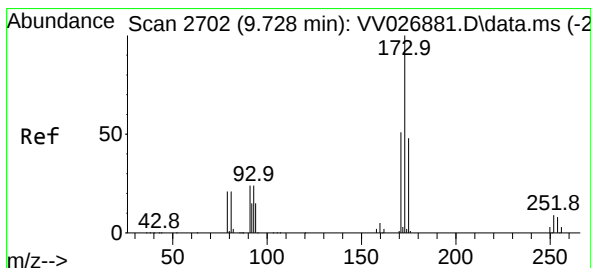
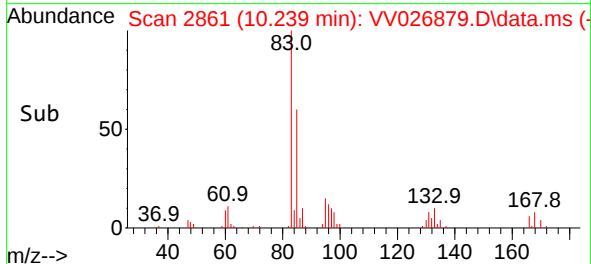
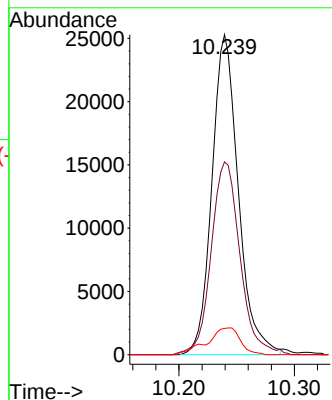
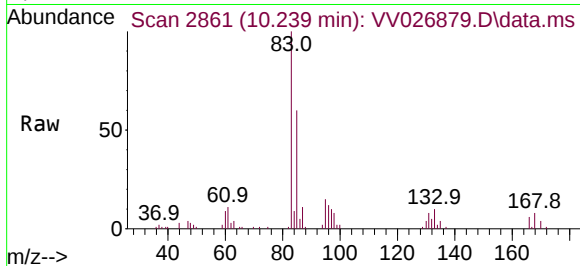




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.575 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

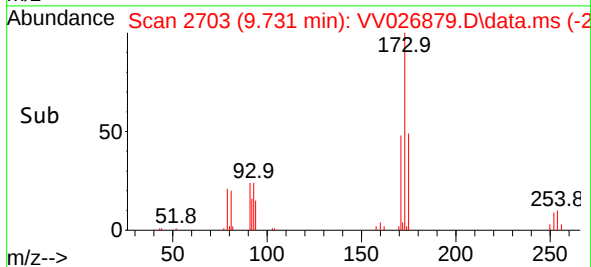
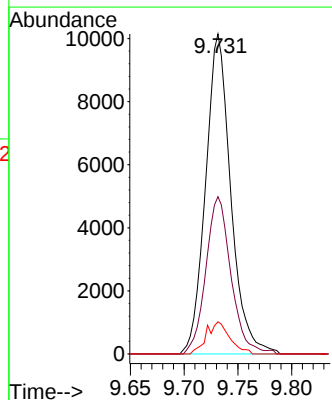
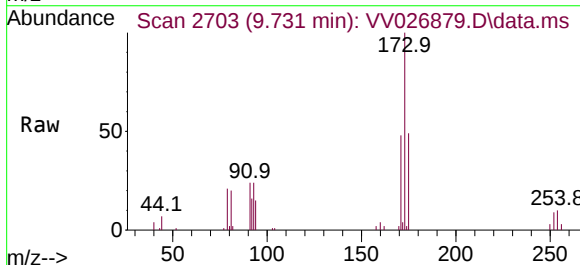
Instrument :
 MSVOA_V
 ClientSampleId :

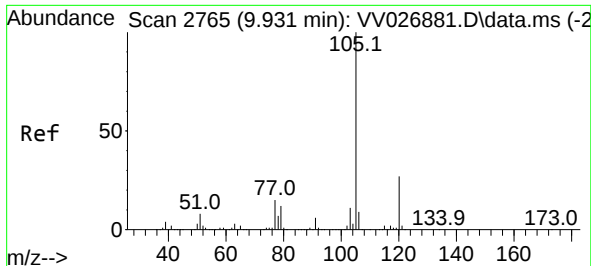
Tgt Ion:	83	Resp:	40191
Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.3	84.1
131	8.2	7.8	11.6



#59
 Bromoform
 Concen: 6.688 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026879.D
 Acq: 22 Jul 2022 10:25

Tgt Ion:	173	Resp:	16552
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.6	57.8
254	5.2	6.6	10.0#

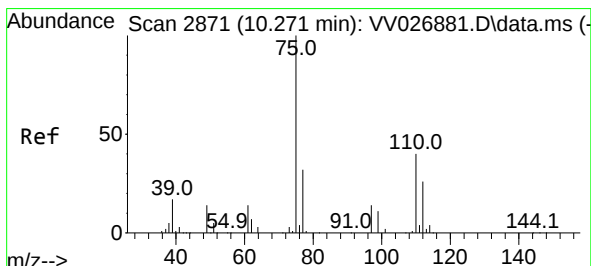
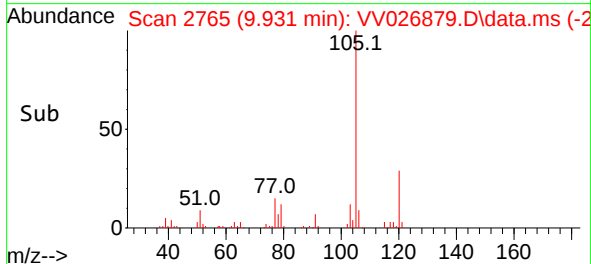
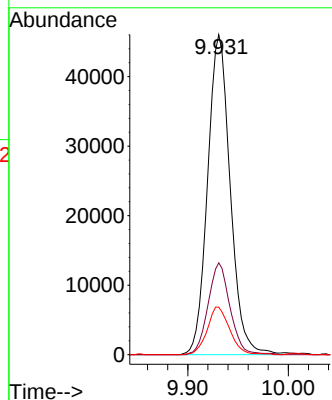
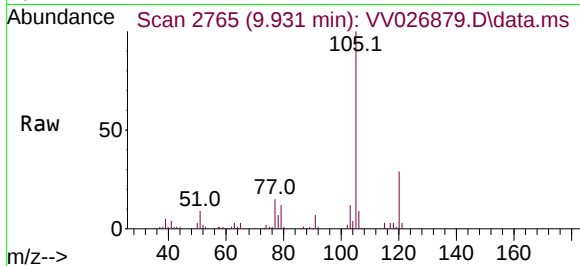




#60
Isopropylbenzene
Concen: 4.435 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

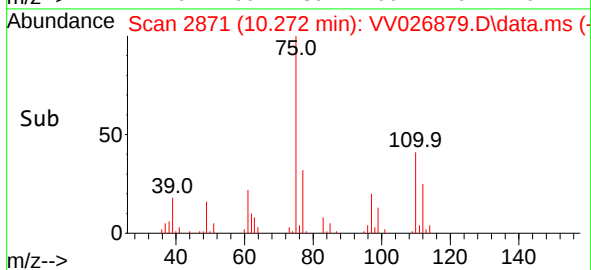
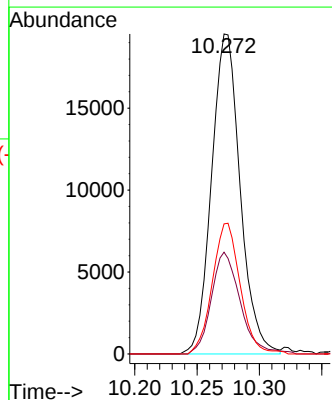
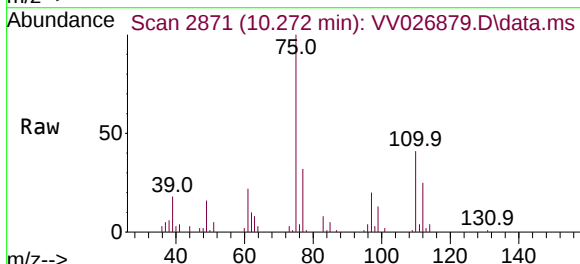
Instrument :
MSVOA_V
ClientSampleId :

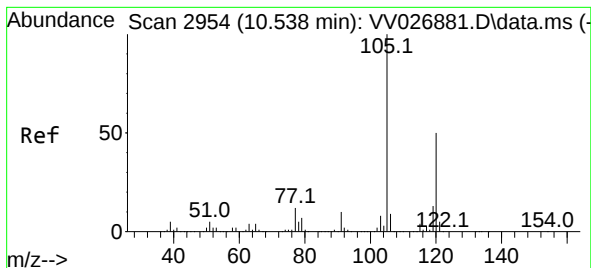
Tgt Ion:	105	Resp:	71952
Ion Ratio	Lower	Upper	
105	100		
120	27.7	21.1	31.7
77	14.9	11.9	17.9



#61
1,2,3-Trichloropropane
Concen: 6.352 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:	75	Resp:	31197
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.6	38.4
110	39.5	31.7	47.5





#62

1,3,5-Trimethylbenzene

Concen: 4.259 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

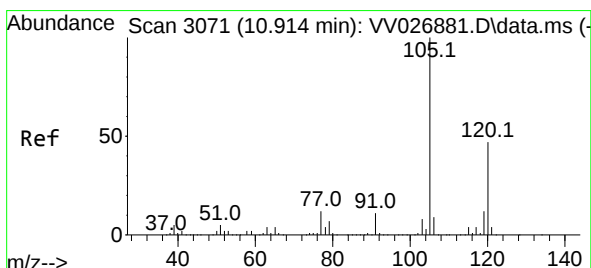
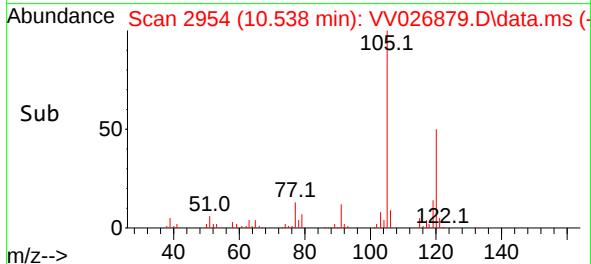
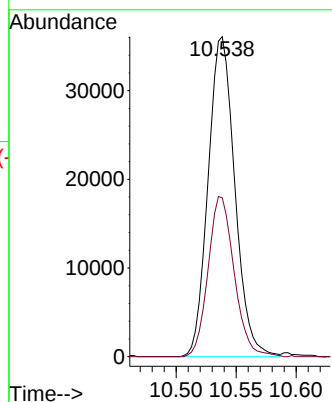
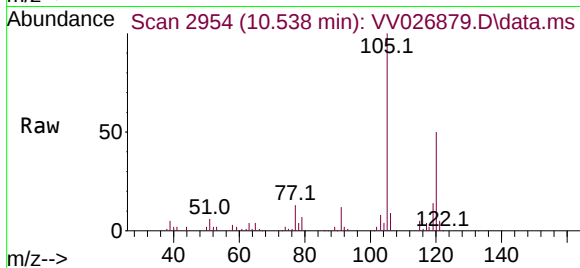
ClientSampleId :

Tgt Ion:105 Resp: 55981

Ion Ratio Lower Upper

105 100

120 48.7 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 4.143 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026879.D

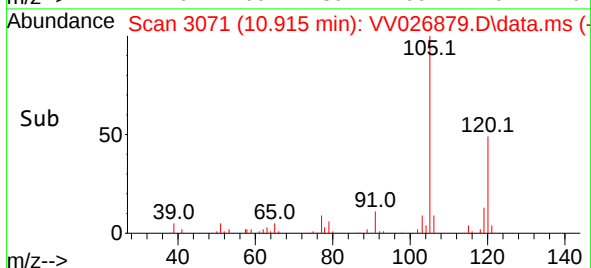
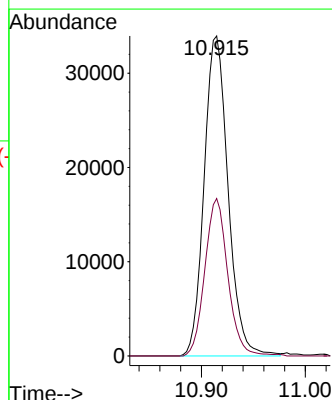
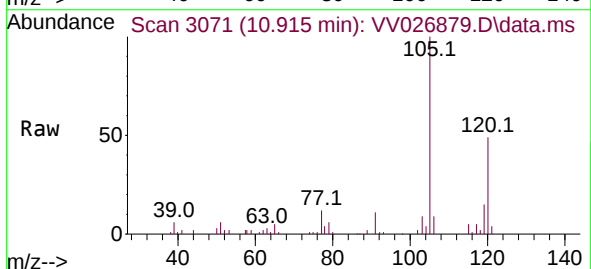
Acq: 22 Jul 2022 10:25

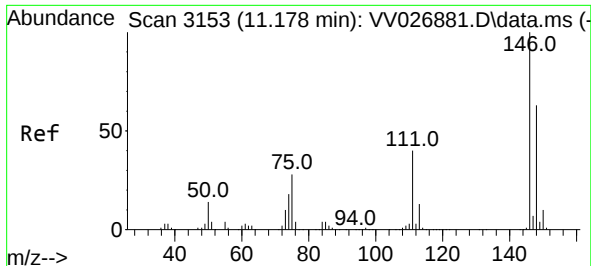
Tgt Ion:105 Resp: 54388

Ion Ratio Lower Upper

105 100

120 47.1 37.1 55.7

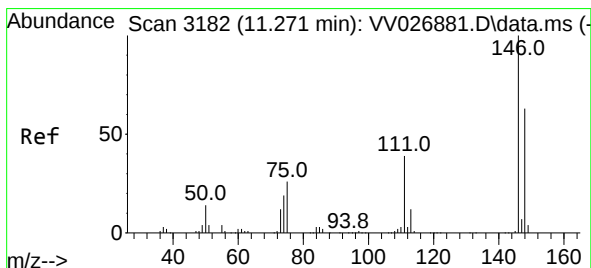
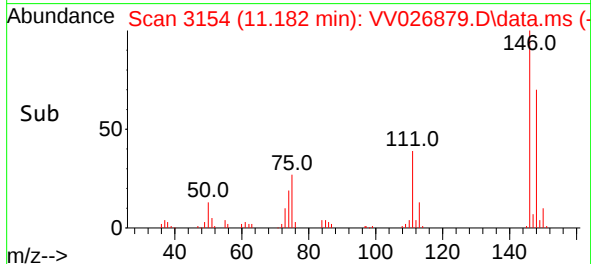
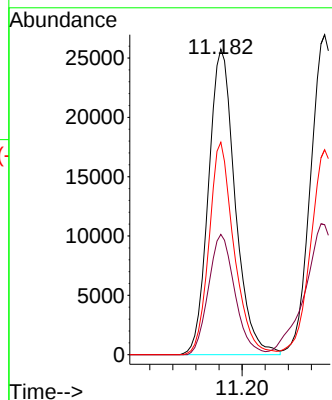
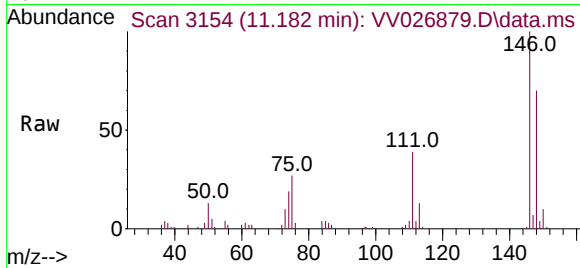




#64
1,3-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

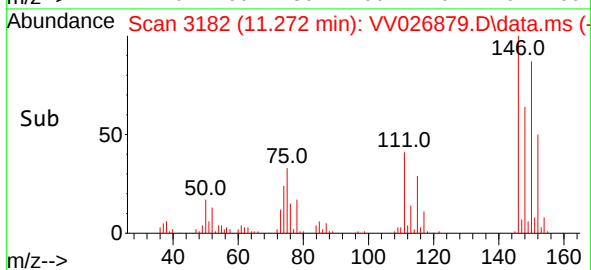
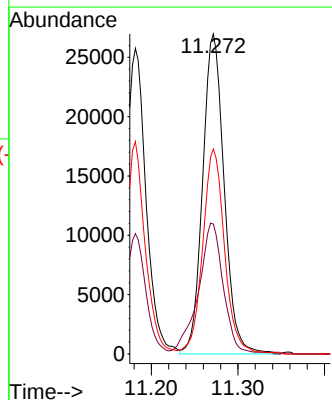
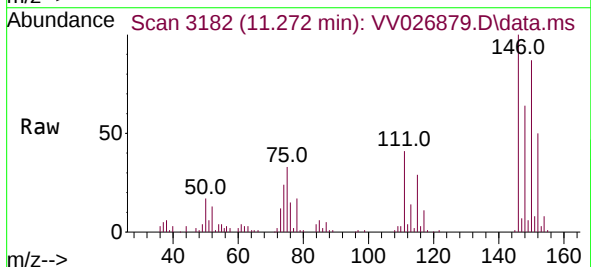
Instrument :
MSVOA_V
ClientSampleId :

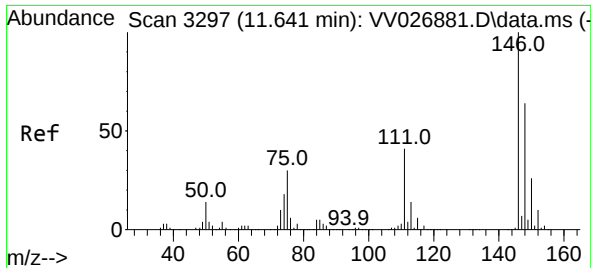
Tgt Ion:146 Resp: 41338
Ion Ratio Lower Upper
146 100
111 39.4 27.9 51.9
148 69.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.439 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:146 Resp: 46617
Ion Ratio Lower Upper
146 100
111 40.6 27.4 51.0
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.166 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :

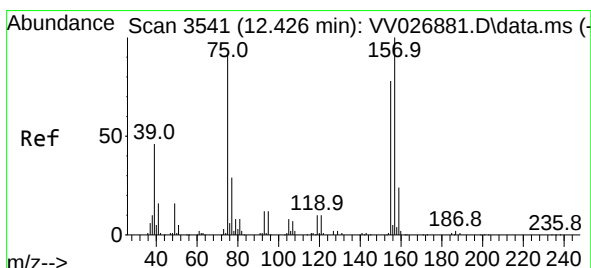
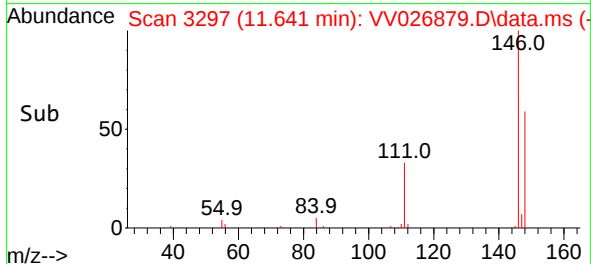
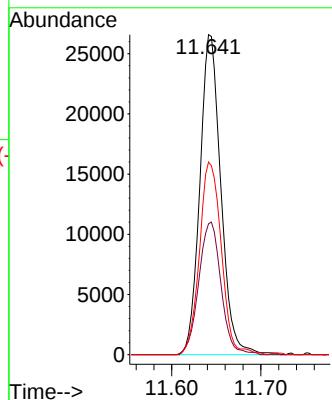
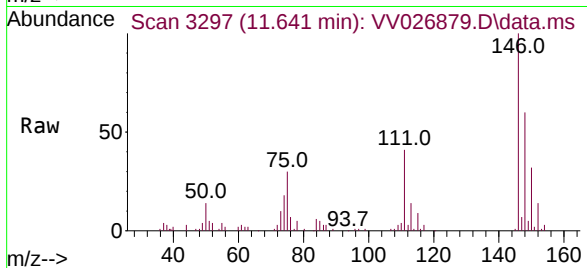
Tgt Ion:146 Resp: 43497

Ion Ratio Lower Upper

146 100

111 40.9 33.2 49.8

148 60.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.824 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

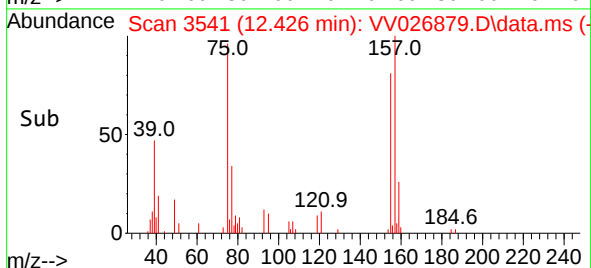
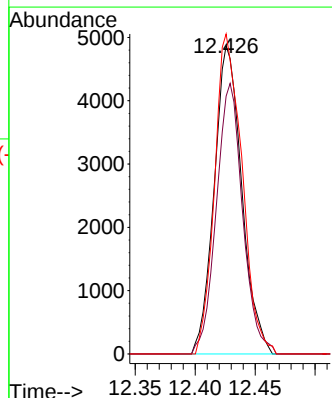
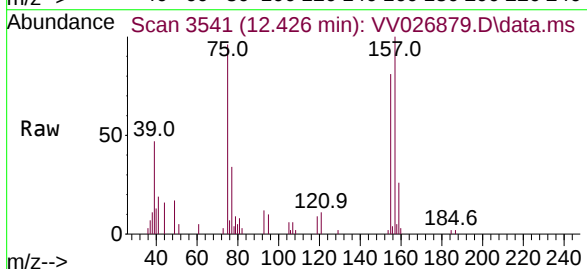
Tgt Ion: 75 Resp: 7773

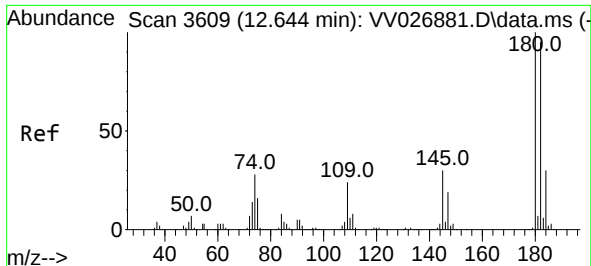
Ion Ratio Lower Upper

75 100

155 83.7 67.7 101.5

157 103.9 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 5.202 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

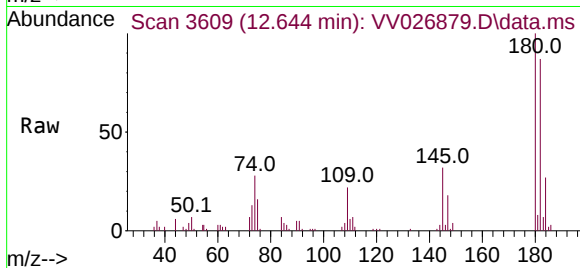
Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 29545

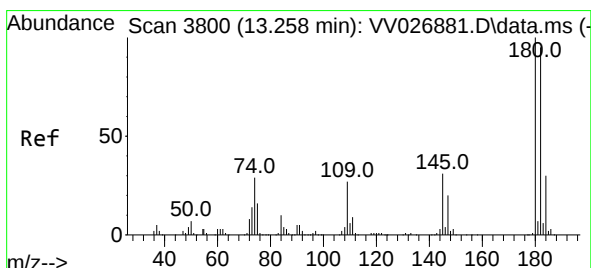
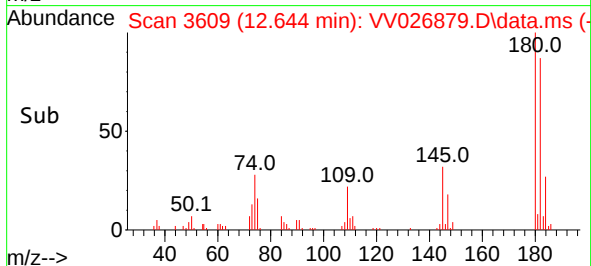
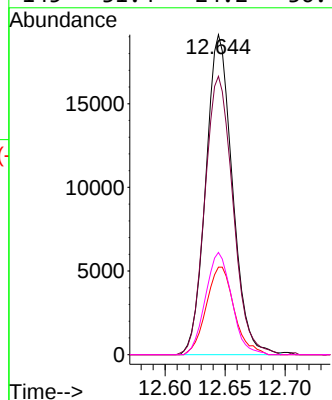
Ion Ratio Lower Upper

180 100

182 91.8 75.6 113.4

184 28.7 23.8 35.8

145 31.4 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.656 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026879.D

Acq: 22 Jul 2022 10:25

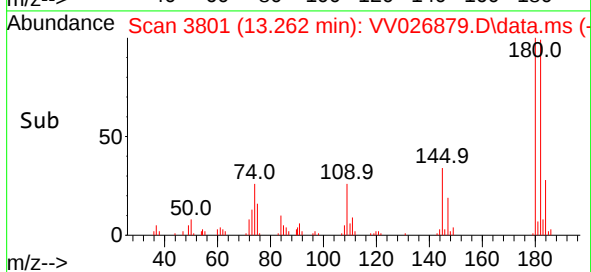
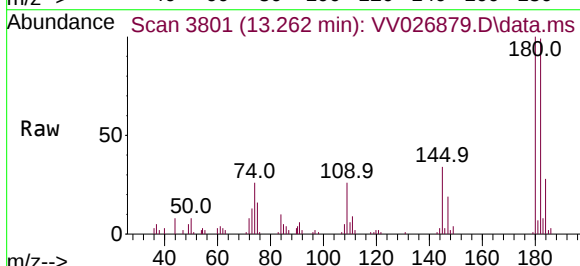
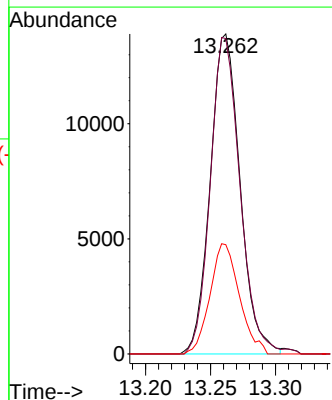
Tgt Ion:180 Resp: 22190

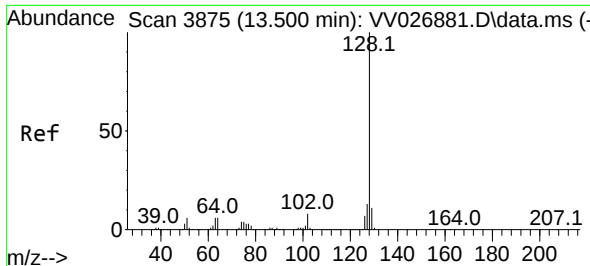
Ion Ratio Lower Upper

180 100

182 97.9 76.2 114.4

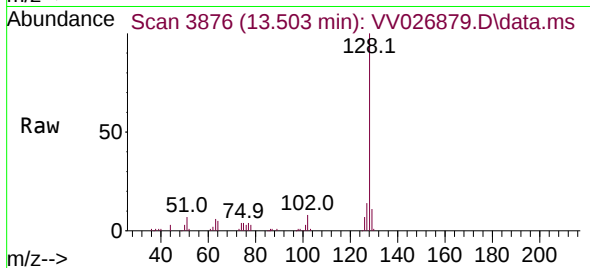
145 33.9 25.0 37.6



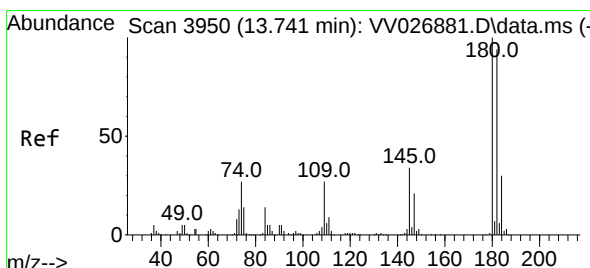
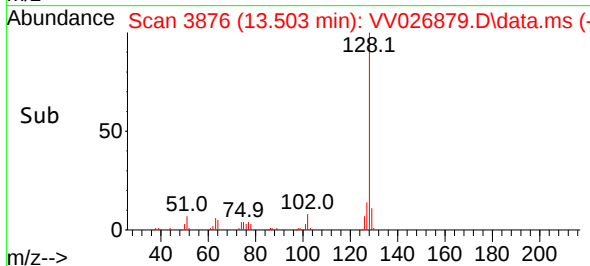
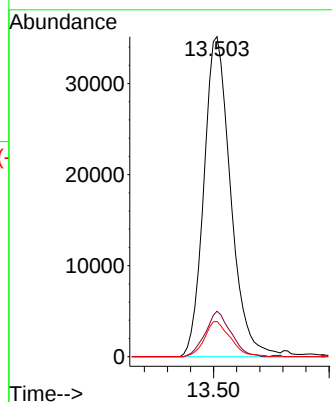


#71
Naphthalene
Concen: 4.030 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128	Resp:	56612
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.4 15.6
129	10.6	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 4.471 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026879.D
Acq: 22 Jul 2022 10:25

Tgt Ion:180	Resp:	22006
Ion Ratio	Lower	Upper
180	100	
182	96.7	75.4 113.2
145	34.4	26.6 40.0

