

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025438.D
 Acq On : 11 Apr 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 06:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	168740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	82389	5.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.571	69	75457	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.111	63	171447	5.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.889	46	104855	54.947	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.900%
24) Chloroform-d	4.346	84	127862	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.027	65	55840	5.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.047	84	248178	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.066	67	69601	5.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.313	98	227803	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.619	79	23191	5.075	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.085	63	84751	52.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43832	5.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	75513	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	92760	6.085	ug/L	100
3) Chloromethane	1.243	50	103652	6.258	ug/L	100
5) Vinyl chloride	1.314	62	113862	6.083	ug/L	98
6) Bromomethane	1.526	94	72124	5.344	ug/L	99
8) Chloroethane	1.587	64	78054	5.403	ug/L	98
9) Trichlorofluoromethane	1.754	101	168249	6.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	90649	6.138	ug/L	98
12) 1,1-Dichloroethene	2.121	96	87800	5.999	ug/L	84
13) Acetone	2.185	43	75399	58.213	ug/L	100
14) Carbon disulfide	2.297	76	203850	5.819	ug/L	99
15) Methyl Acetate	2.439	43	16462	5.719	ug/L	96
16) Methylene chloride	2.506	84	68066	4.797	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	124578	5.501	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	72880	5.943	ug/L	95
19) 1,1-Dichloroethane	3.188	63	120841	5.817	ug/L	97
21) 2-Butanone	3.969	43	107216	59.906	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	75020	5.810	ug/L	100
23) Bromochloromethane	4.246	128	30701	5.727	ug/L	94
25) Chloroform	4.371	83	130541	5.954	ug/L	95

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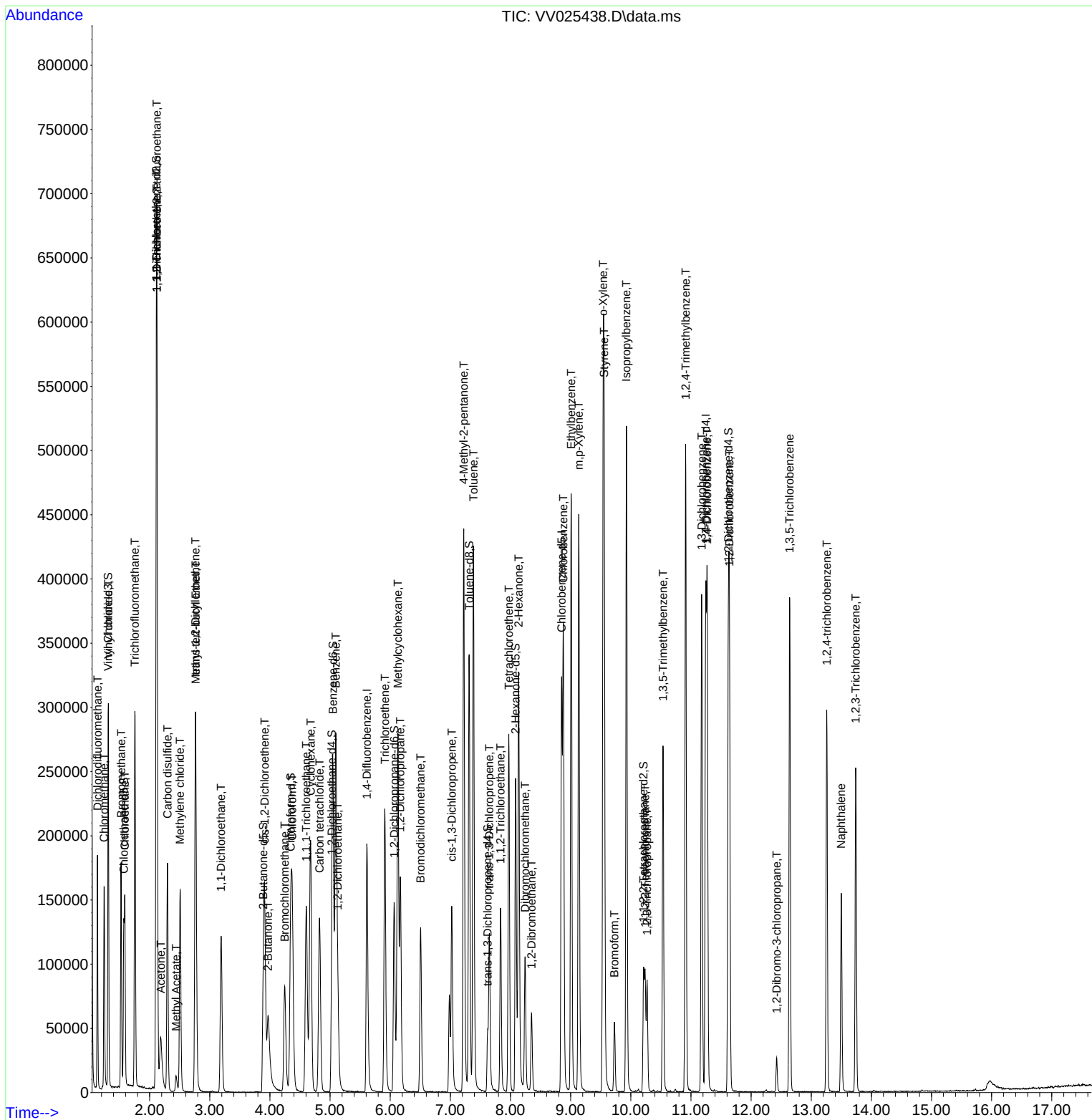
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 ClientSampleId :

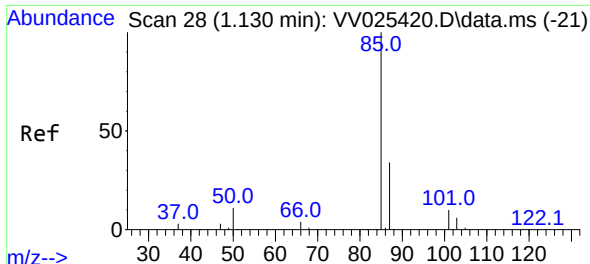
Quant Time: Apr 12 06:35:06 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69219	5.983	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	117364	5.907	ug/L	99
30) Cyclohexane	4.677	56	101552	5.621	ug/L	99
31) Carbon tetrachloride	4.825	117	102269	6.086	ug/L	99
33) Benzene	5.095	78	288112	5.789	ug/L	100
34) Trichloroethene	5.911	95	76713	5.806	ug/L	97
35) Methylcyclohexane	6.127	83	119068	5.647	ug/L	99
37) 1,2-Dichloropropane	6.169	63	64815	5.630	ug/L	99
38) Bromodichloromethane	6.506	83	84896	5.940	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	88597	5.872	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	267675	58.067	ug/L	99
42) Toluene	7.384	91	313427	5.790	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68939	5.881	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	44029	5.711	ug/L	98
47) Tetrachloroethene	7.972	164	60372	5.836	ug/L	97
48) 2-Hexanone	8.136	43	193275	60.163	ug/L	98
49) Dibromochloromethane	8.243	129	51113	6.039	ug/L	95
50) 1,2-Dibromoethane	8.349	107	39426	5.444	ug/L	95
51) Chlorobenzene	8.879	112	195342	5.651	ug/L	99
52) Ethylbenzene	9.008	91	329030	5.699	ug/L	98
53) m,p-Xylene	9.136	106	129609	5.904	ug/L	98
54) o-Xylene	9.542	106	123038	5.771	ug/L	97
55) Styrene	9.558	104	209185	6.034	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	42673	5.540	ug/L	97
59) Bromoform	9.728	173	22898	6.026	ug/L	99
60) Isopropylbenzene	9.927	105	332011	5.826	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34658	5.716	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	142659	5.614	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	266916	5.830	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152058	5.716	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	150848	5.587	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	132234	5.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6301	6.011	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	112236	5.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	84459	5.414	ug/L	98
71) Naphthalene	13.500	128	122309	5.344	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71009	5.497	ug/L	98

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

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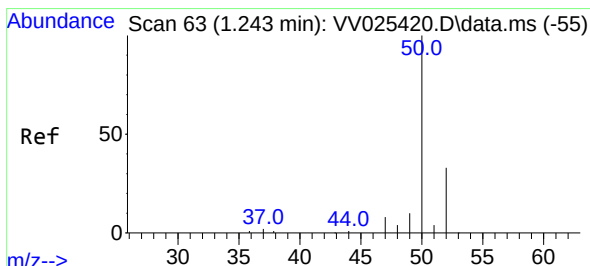
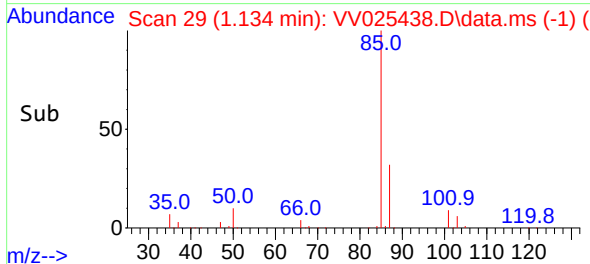
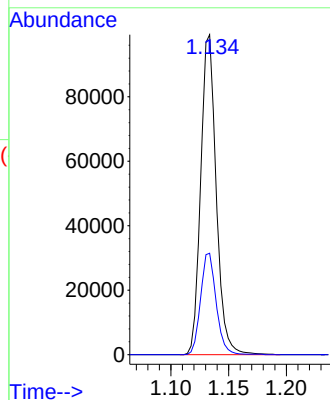
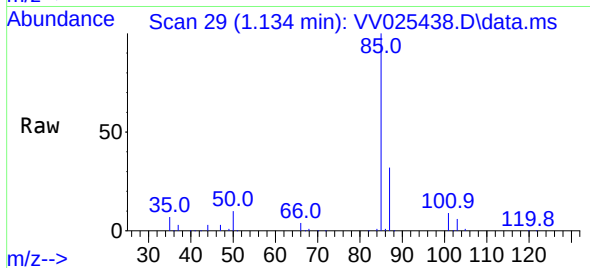




#2
 Dichlorodifluoromethane
 Concen: 6.085 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

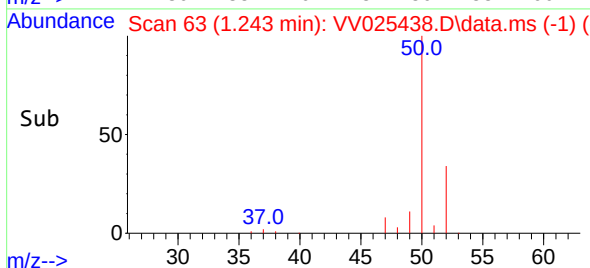
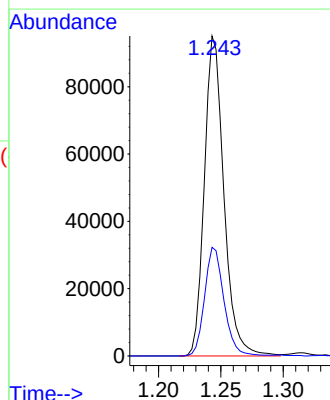
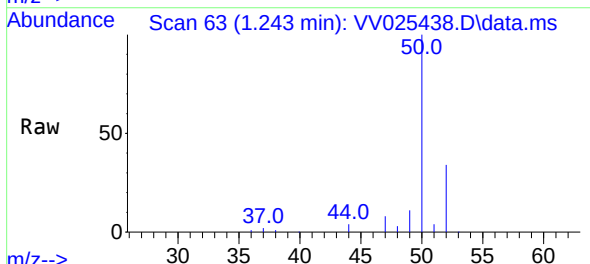
Instrument :
 MSVOA_V
 ClientSampleId :

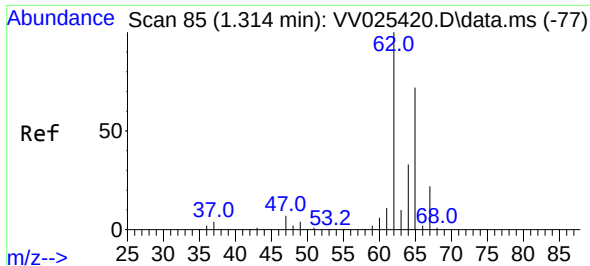
Tgt Ion: 85 Resp: 92760
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 6.258 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

Tgt Ion: 50 Resp: 103652
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

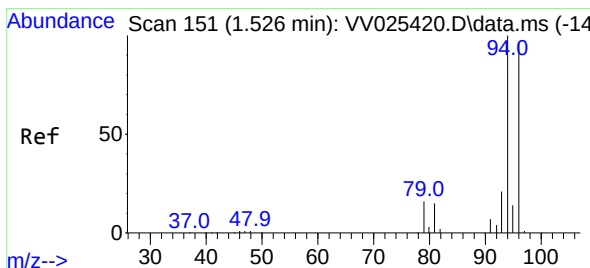
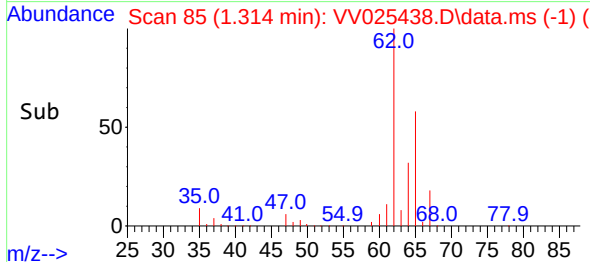
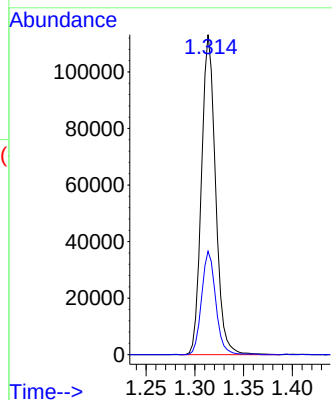
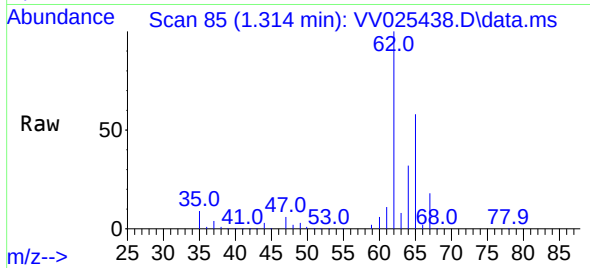




#5
 Vinyl chloride
 Concen: 6.083 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

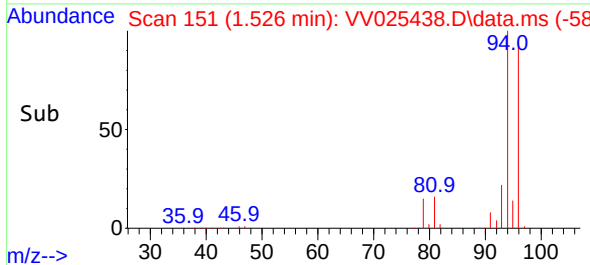
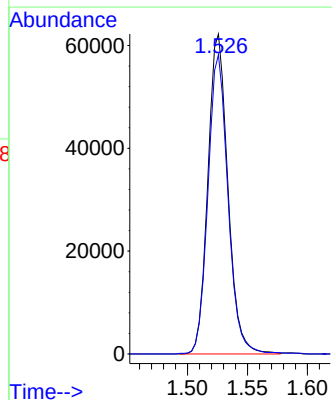
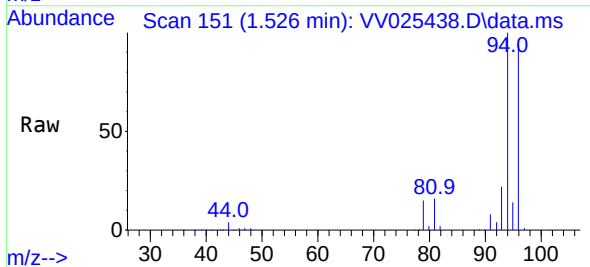
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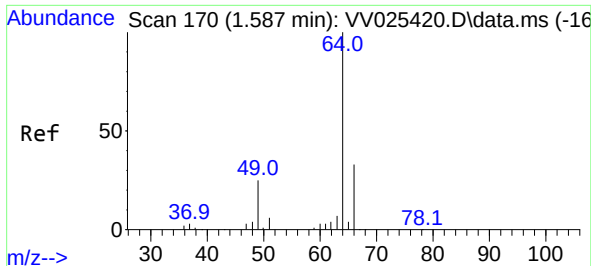
Tgt Ion: 62 Resp: 113862
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.2



#6
 Bromomethane
 Concen: 5.344 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

Tgt Ion: 94 Resp: 72124
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.1 122.7

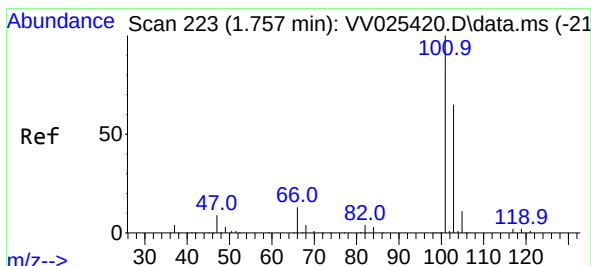
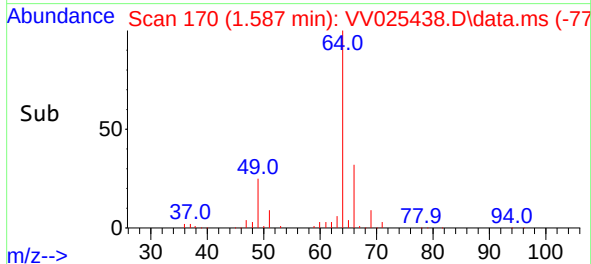
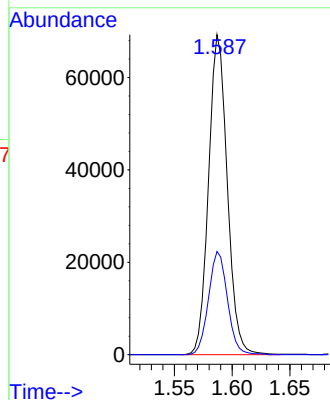
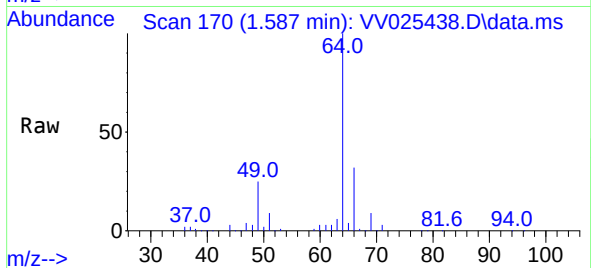




#8
Chloroethane
Concen: 5.403 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

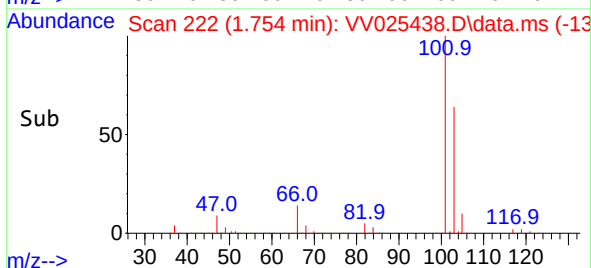
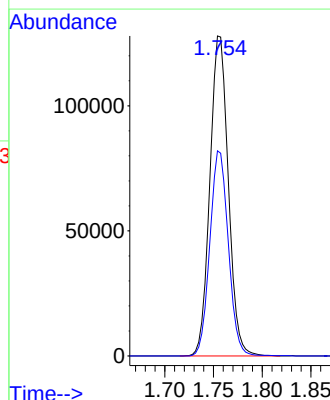
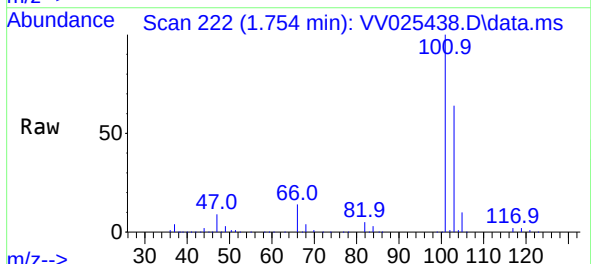
Instrument :
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ClientSampleId :

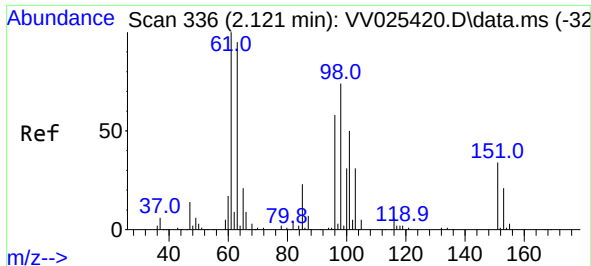
Tgt Ion: 64 Resp: 78054
Ion Ratio Lower Upper
64 100
66 32.3 21.8 40.6



#9
Trichlorofluoromethane
Concen: 6.400 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion:101 Resp: 168249
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

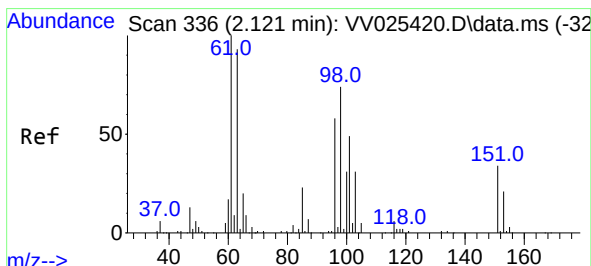
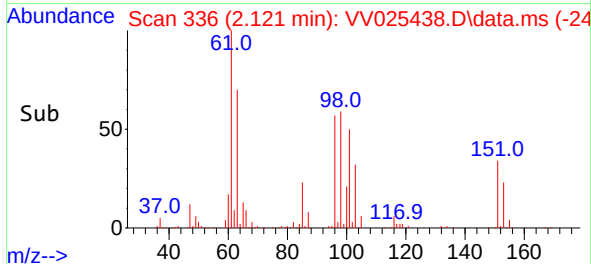
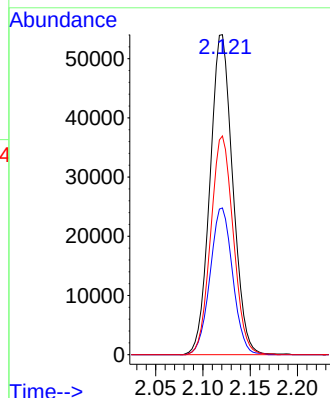
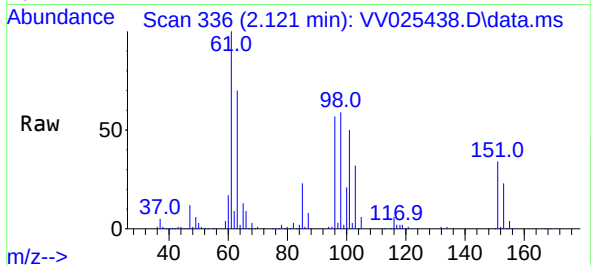




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.138 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

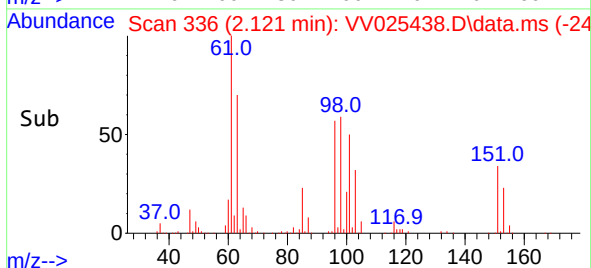
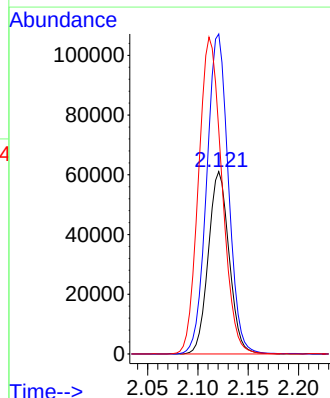
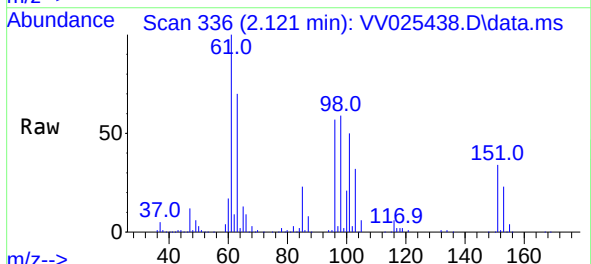
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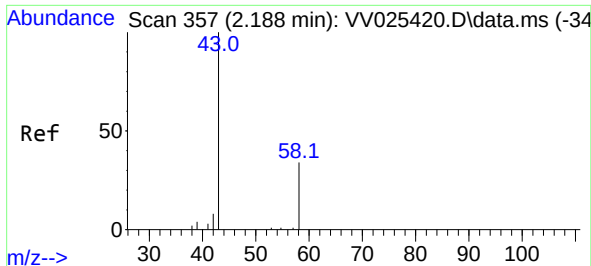
Tgt Ion:101 Resp: 90649
Ion Ratio Lower Upper
101 100
85 45.5 35.9 53.9
151 67.9 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.999 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 96 Resp: 87800
Ion Ratio Lower Upper
96 100
61 175.5 125.2 232.4
63 122.8 114.4 212.4





#13

Acetone

Concen: 58.213 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

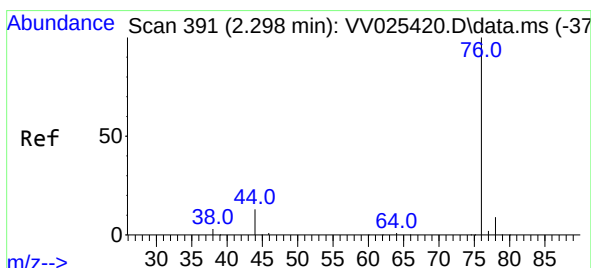
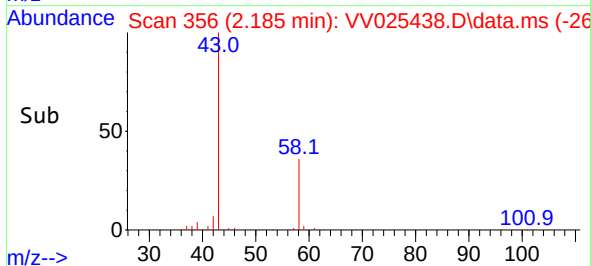
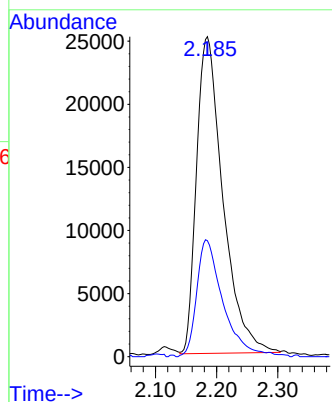
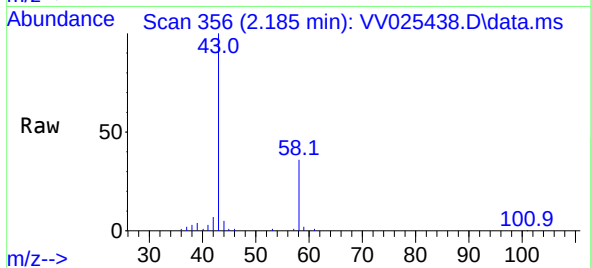
ClientSampleId :

Tgt Ion: 43 Resp: 75399

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.2



#14

Carbon disulfide

Concen: 5.819 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025438.D

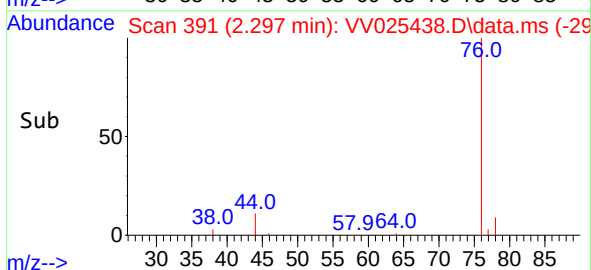
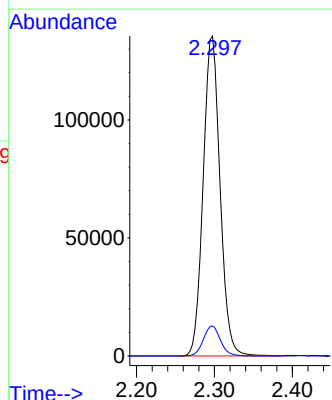
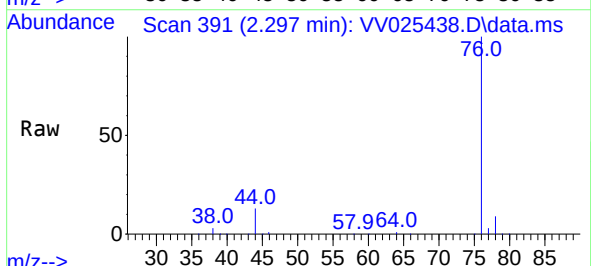
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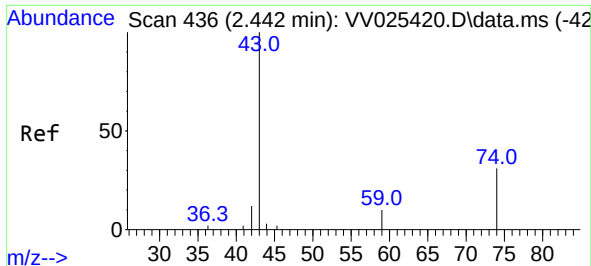
Tgt Ion: 76 Resp: 203850

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

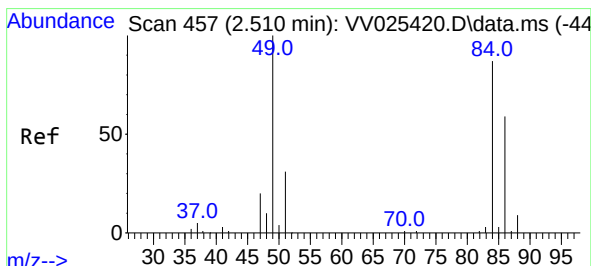
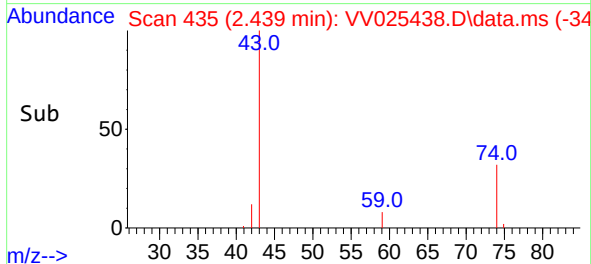
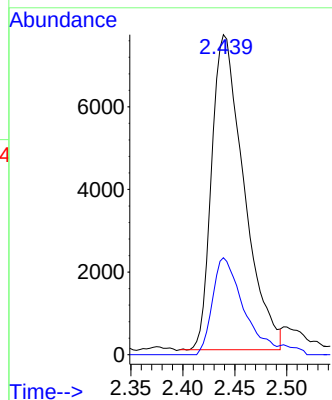
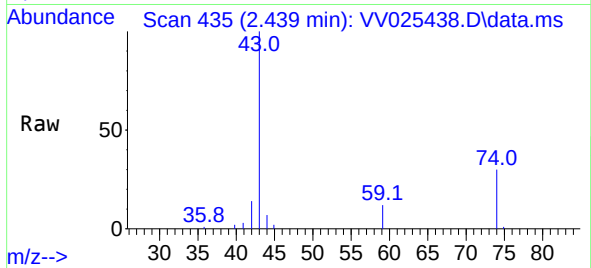




#15
Methyl Acetate
Concen: 5.719 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

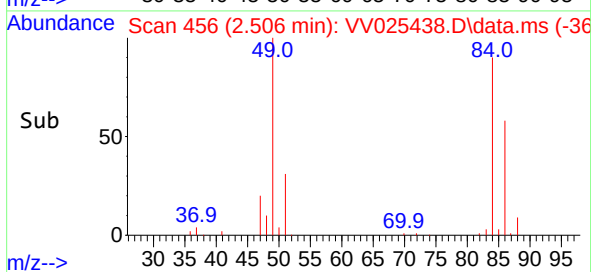
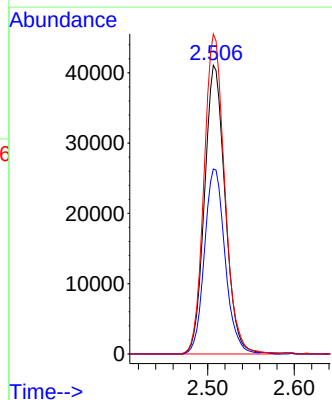
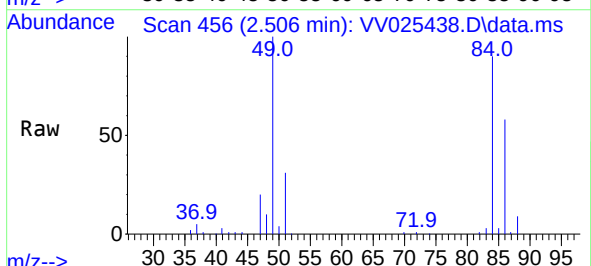
Instrument :
MSVOA_V
ClientSampleId :

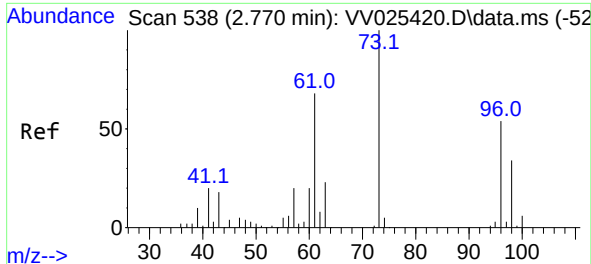
Tgt Ion: 43 Resp: 16462
Ion Ratio Lower Upper
43 100
74 29.4 25.2 37.8



#16
Methylene chloride
Concen: 4.797 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 84 Resp: 68066
Ion Ratio Lower Upper
84 100
86 64.1 45.9 85.3
49 110.8 76.6 142.3





#17

Methyl tert-butyl Ether

Concen: 5.501 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

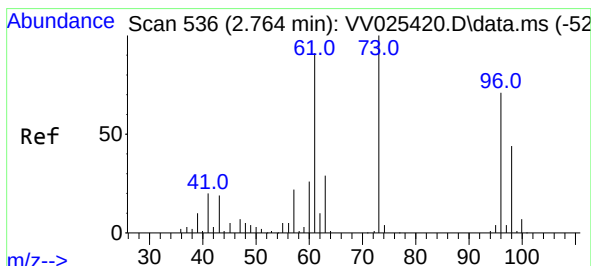
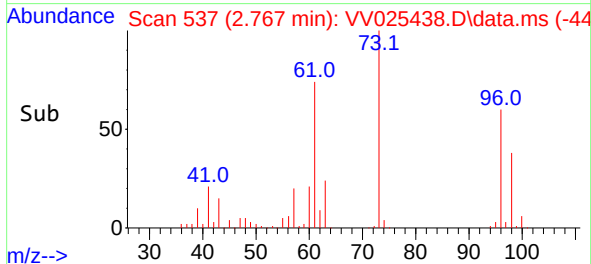
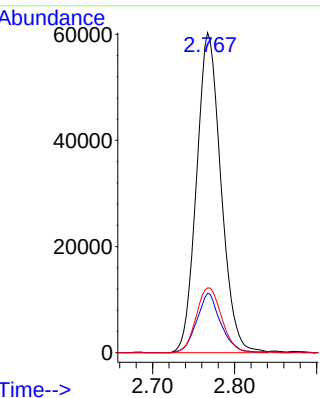
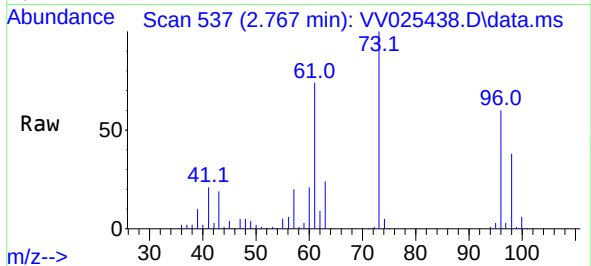
Tgt Ion: 73 Resp: 124578

Ion Ratio Lower Upper

73 100

43 18.3 14.2 21.4

57 21.2 16.1 24.1



#18

trans-1,2-Dichloroethene

Concen: 5.943 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

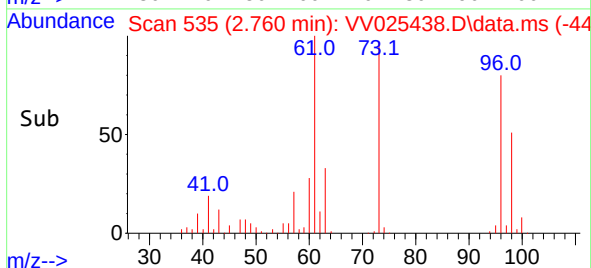
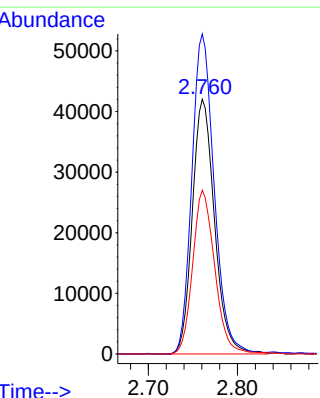
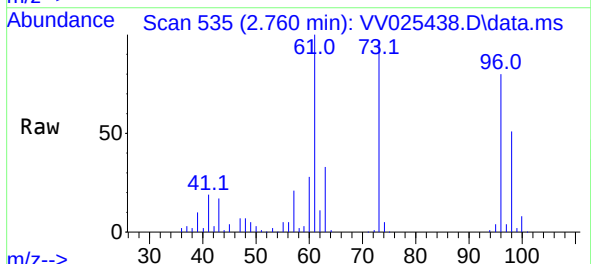
Tgt Ion: 96 Resp: 72880

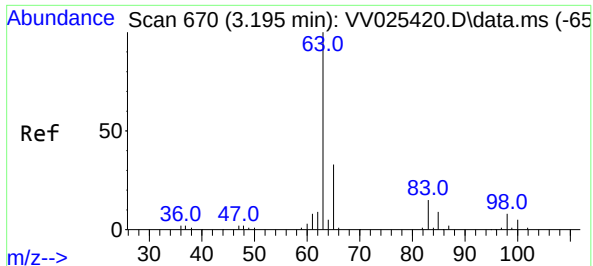
Ion Ratio Lower Upper

96 100

61 125.6 92.1 171.1

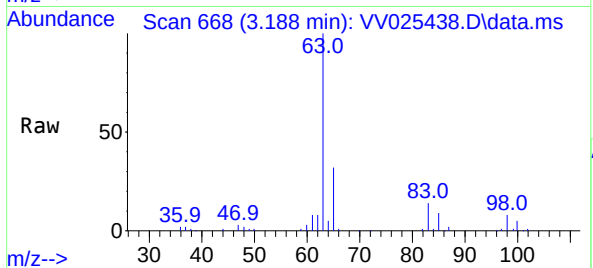
98 64.3 47.5 88.1



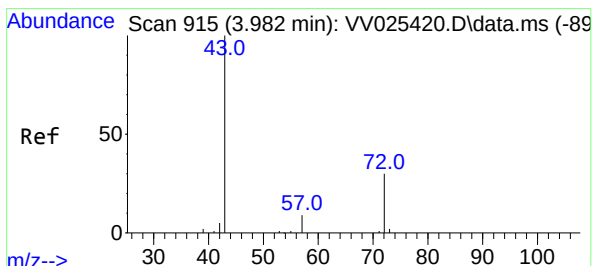
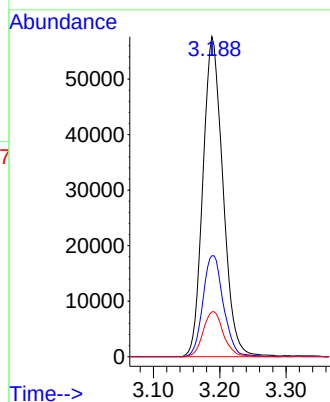
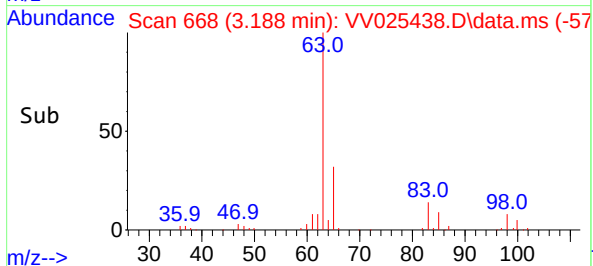


#19
1,1-Dichloroethane
Concen: 5.817 ug/L
RT: 3.188 min Scan# 619
Delta R.T. -0.007 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

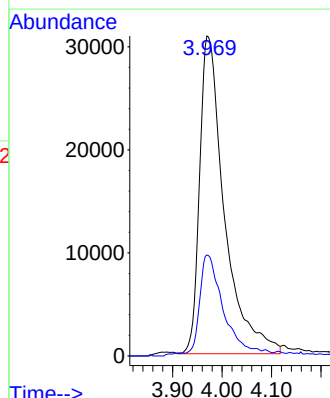
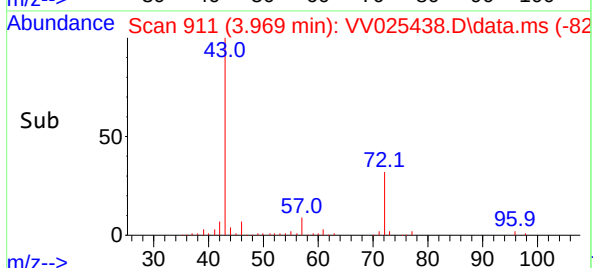
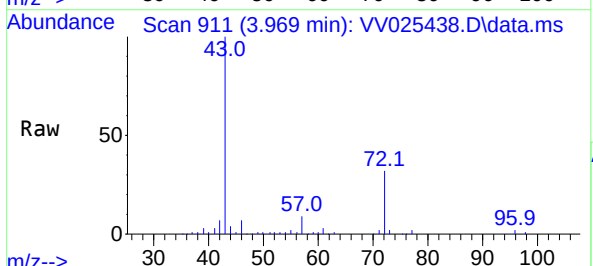


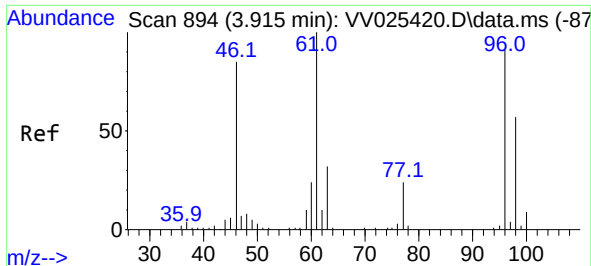
Tgt Ion: 63 Resp: 120841
Ion Ratio Lower Upper
63 100
65 31.6 23.2 43.0
83 14.0 9.0 16.8



#21
2-Butanone
Concen: 59.906 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.013 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

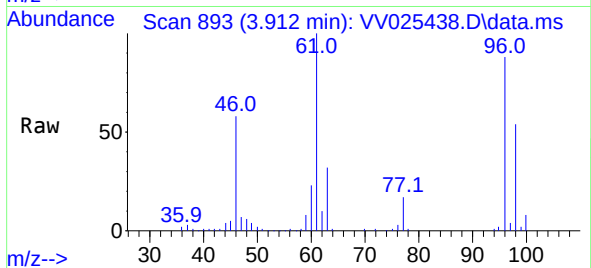
Tgt Ion: 43 Resp: 107216
Ion Ratio Lower Upper
43 100
72 28.1 15.2 45.6



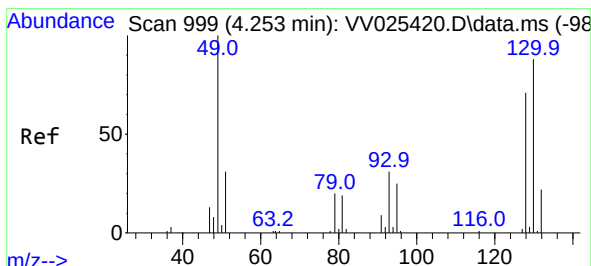
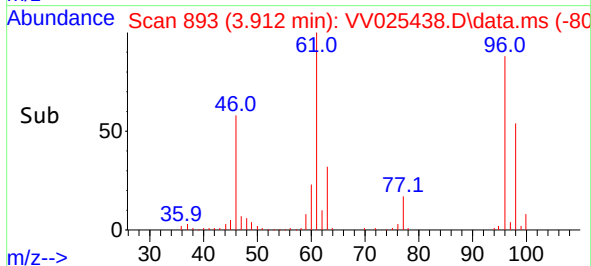
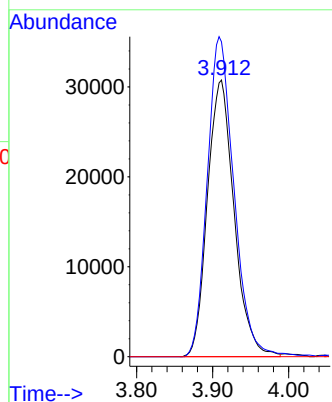


#22
cis-1,2-Dichloroethene
Concen: 5.810 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

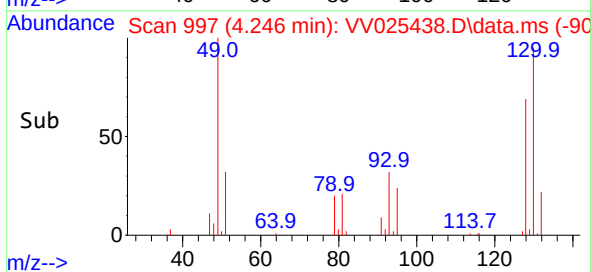
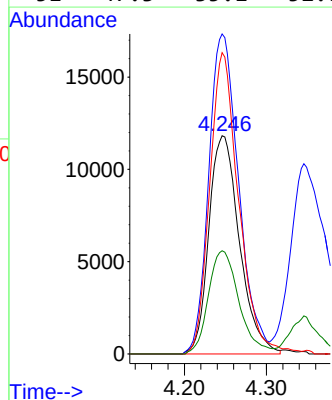
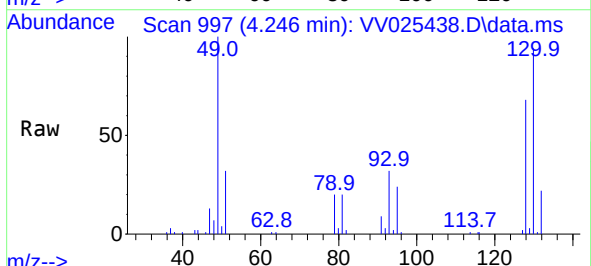


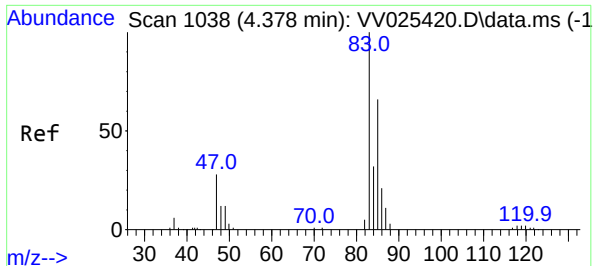
Tgt Ion: 96 Resp: 75020
Ion Ratio Lower Upper
96 100
61 113.8 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.727 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 128 Resp: 30701
Ion Ratio Lower Upper
128 100
49 146.6 100.5 186.7
130 138.0 87.8 163.0
51 47.3 35.1 52.7





#25

Chloroform

Concen: 5.954 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

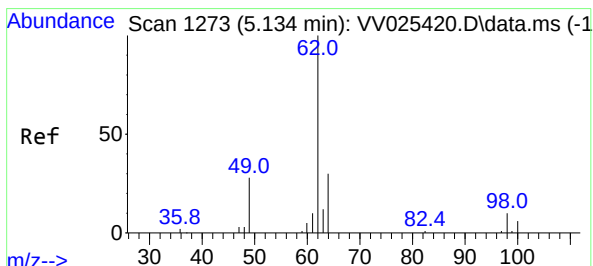
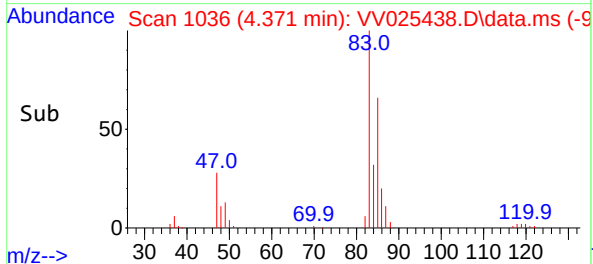
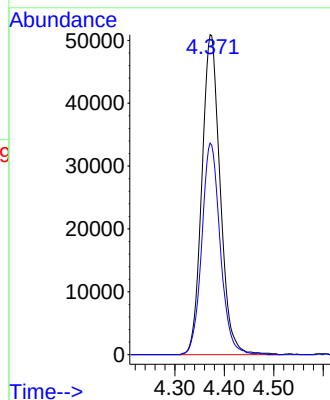
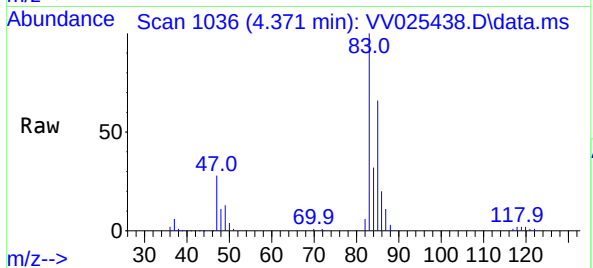
ClientSampleId :

Tgt Ion: 83 Resp: 130541

Ion Ratio Lower Upper

83 100

85 66.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.983 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.007 min

Lab File: VV025438.D

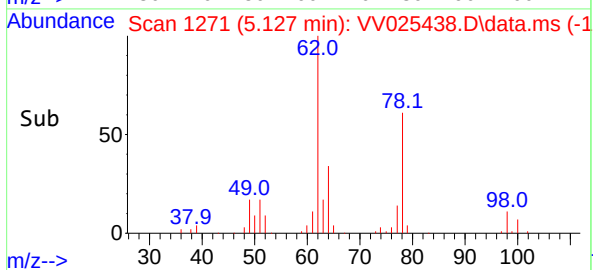
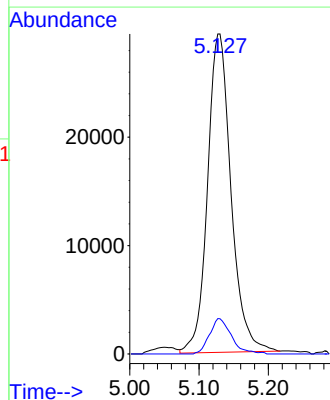
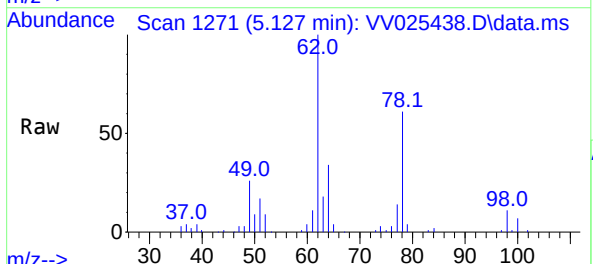
Acq: 11 Apr 2022 10:13

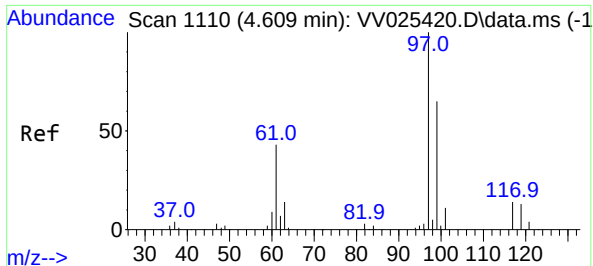
Tgt Ion: 62 Resp: 69219

Ion Ratio Lower Upper

62 100

98 11.1 8.8 13.2

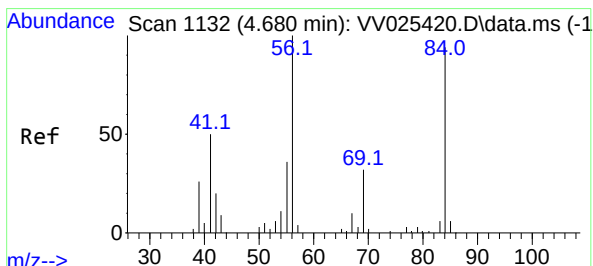
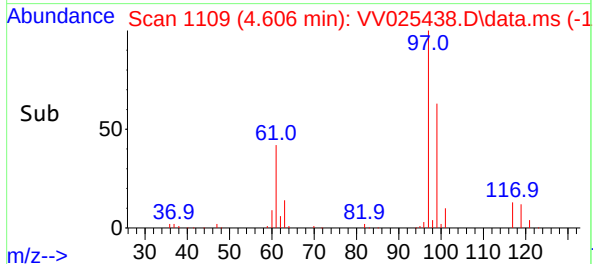
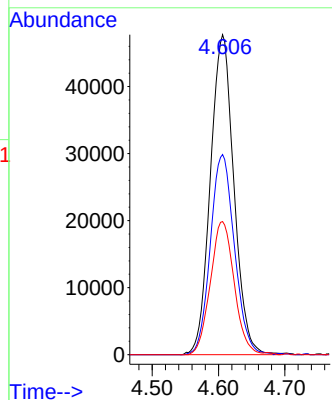
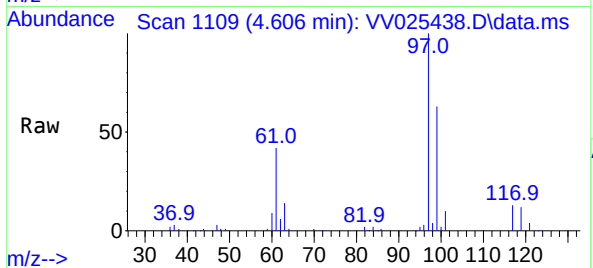




#29
1,1,1-Trichloroethane
Concen: 5.907 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

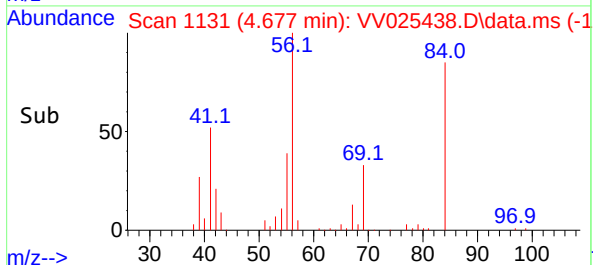
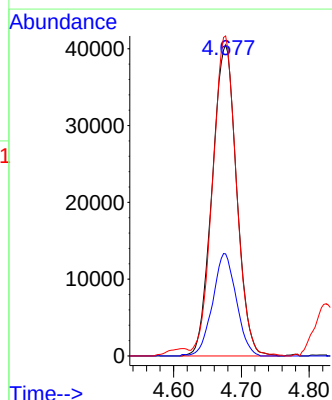
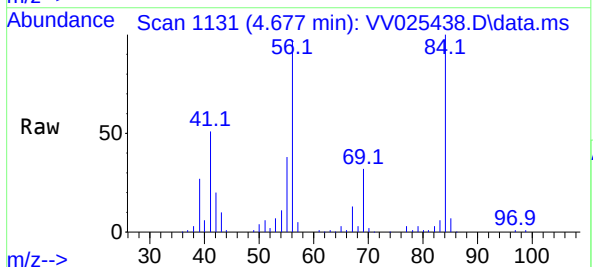
Instrument :
MSVOA_V
ClientSampleId :

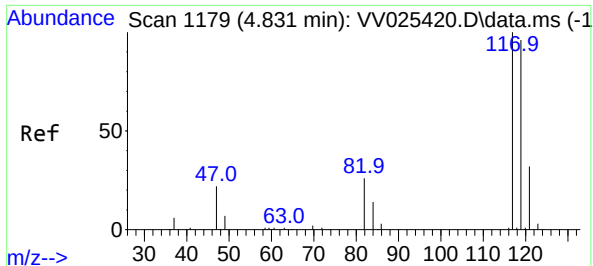
Tgt Ion: 97 Resp: 117364
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 42.2 34.3 51.5



#30
Cyclohexane
Concen: 5.621 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 56 Resp: 101552
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 98.6 78.6 118.0

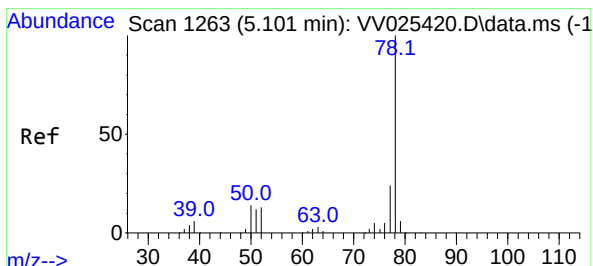
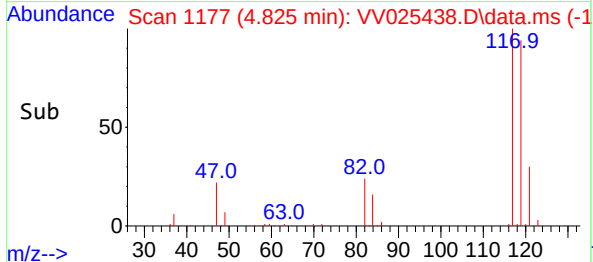
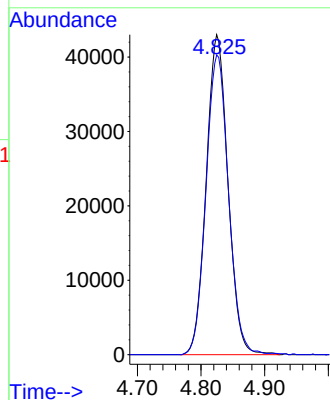
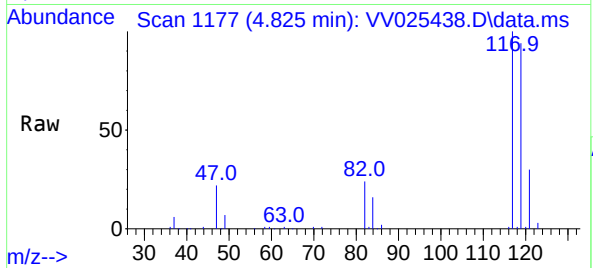




#31
Carbon tetrachloride
Concen: 6.086 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.007 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

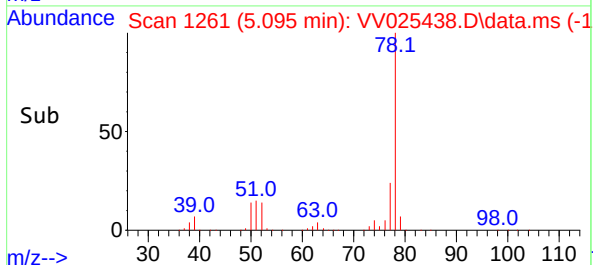
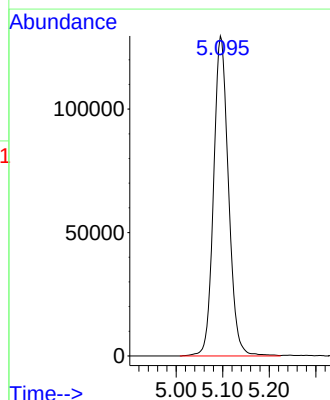
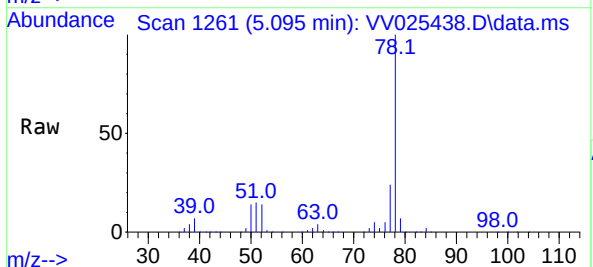
Instrument :
MSVOA_V
ClientSampleId :

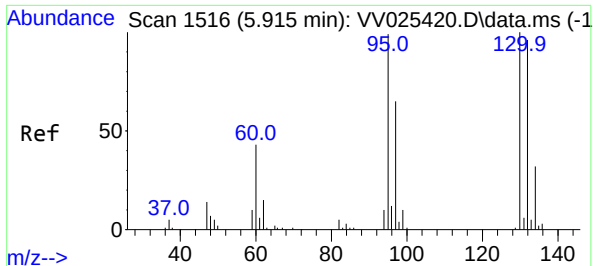
Tgt Ion:117 Resp: 102269
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 5.789 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

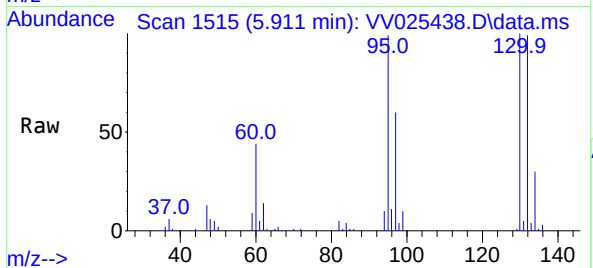
Tgt Ion: 78 Resp: 288112



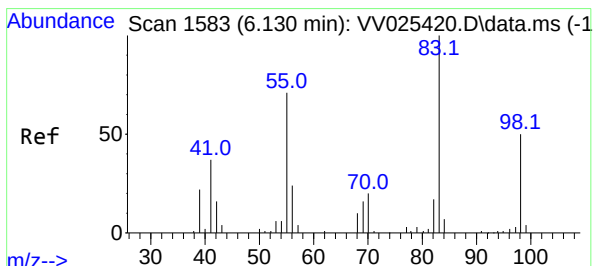
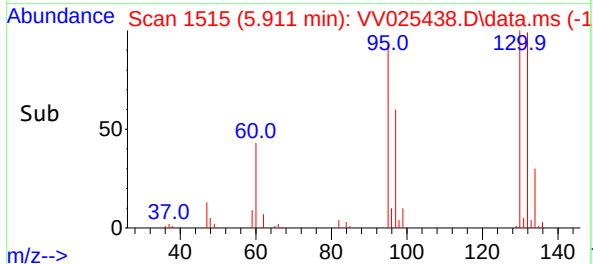
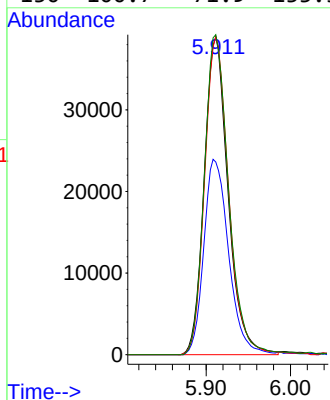


#34
Trichloroethene
Concen: 5.806 ug/L
RT: 5.911 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

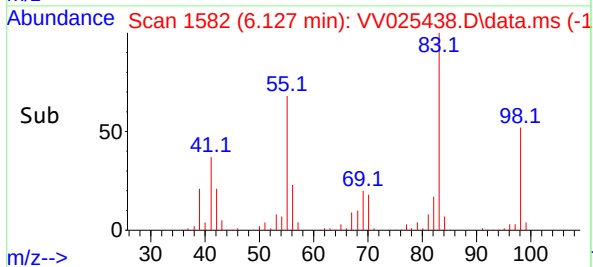
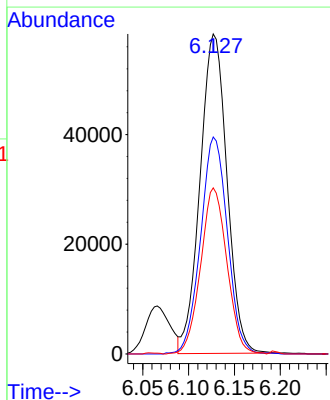
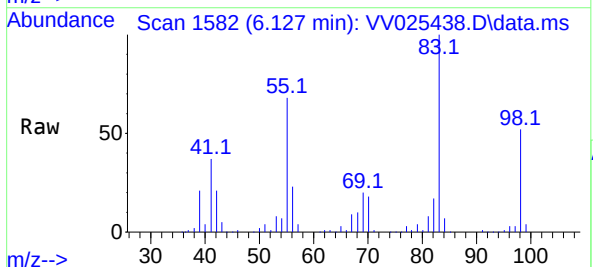


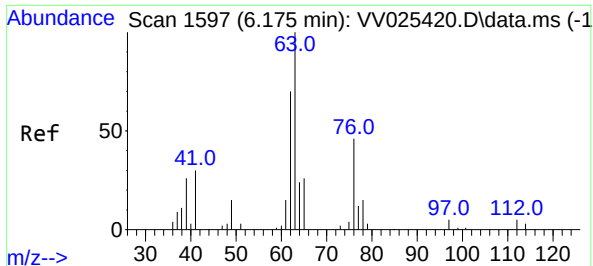
Tgt Ion: 95 Resp: 76713
Ion Ratio Lower Upper
95 100
97 60.6 45.8 85.2
132 100.0 68.0 126.4
130 100.7 71.9 133.5



#35
Methylcyclohexane
Concen: 5.647 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 83 Resp: 119068
Ion Ratio Lower Upper
83 100
55 67.9 53.7 80.5
98 50.7 39.6 59.4

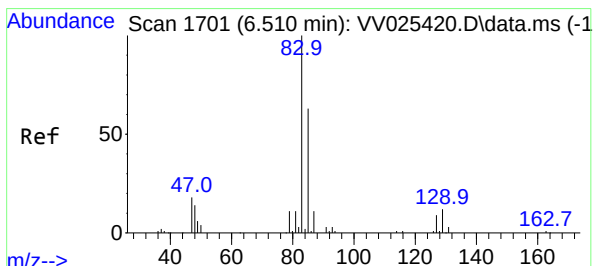
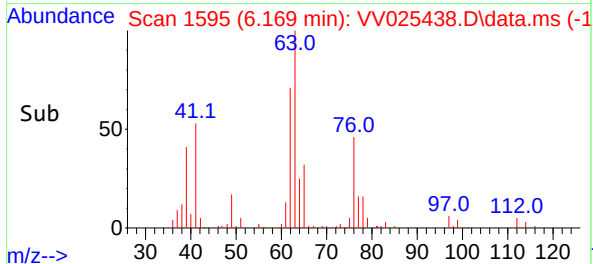
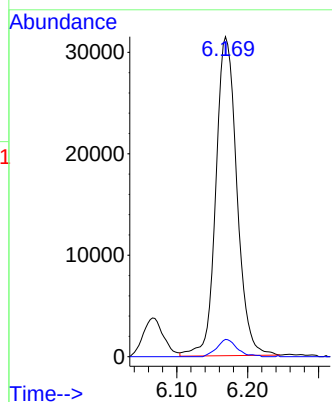
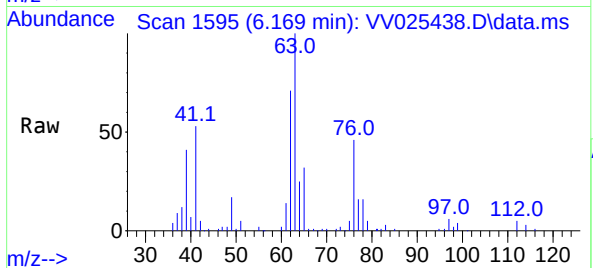




#37
1,2-Dichloropropane
Concen: 5.630 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

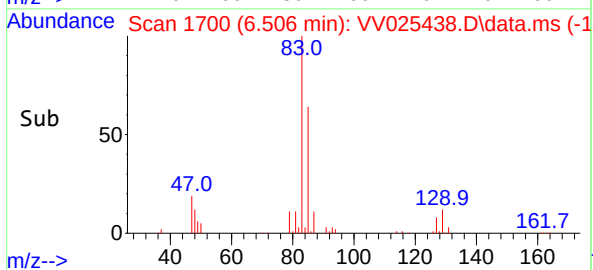
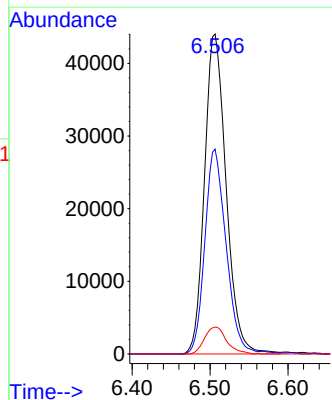
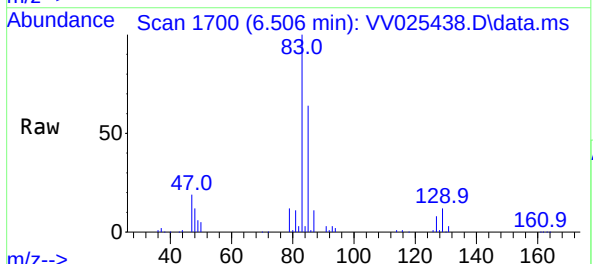
Instrument :
MSVOA_V
ClientSampleId :

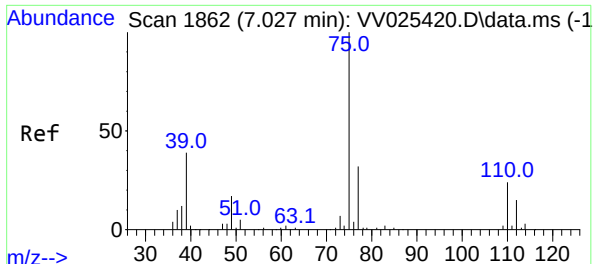
Tgt Ion: 63 Resp: 64815
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.940 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 83 Resp: 84896
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.4
127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.872 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

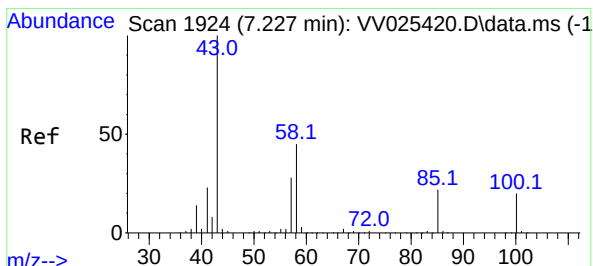
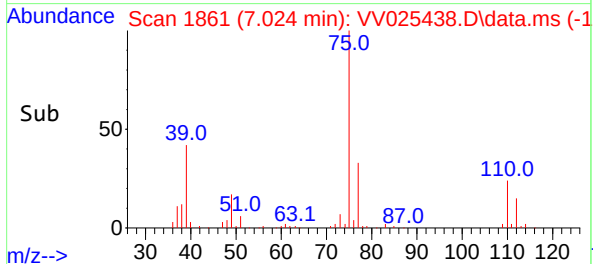
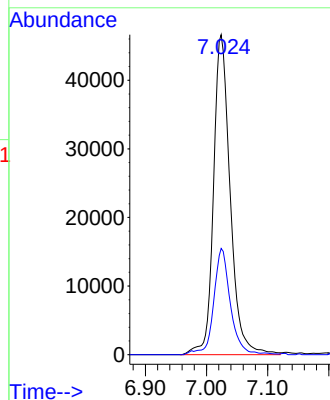
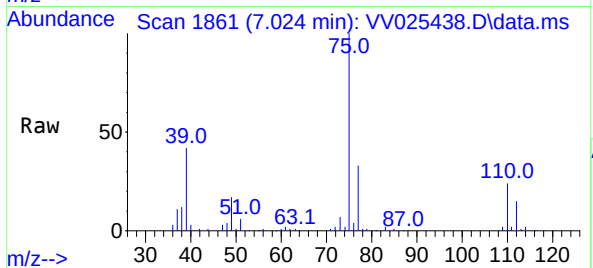
ClientSampleId :

Tgt Ion: 75 Resp: 88597

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.067 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

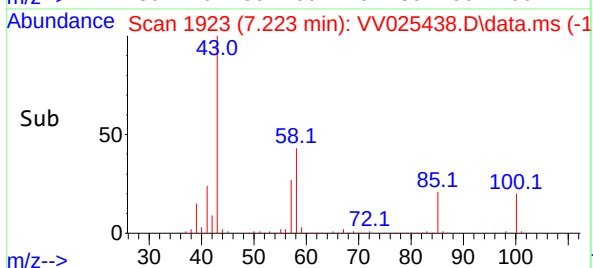
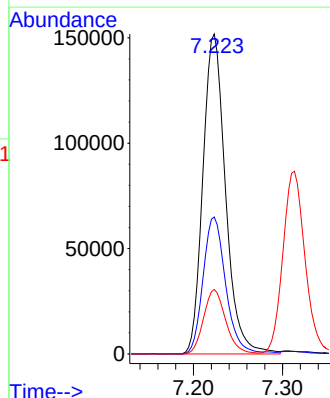
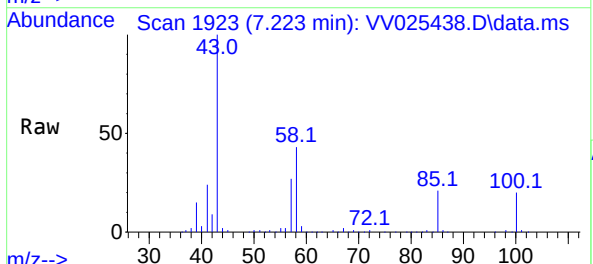
Tgt Ion: 43 Resp: 267675

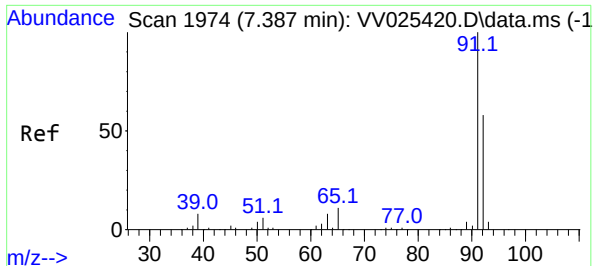
Ion Ratio Lower Upper

43 100

58 42.9 35.1 52.7

100 19.7 15.3 22.9





#42

Toluene

Concen: 5.790 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

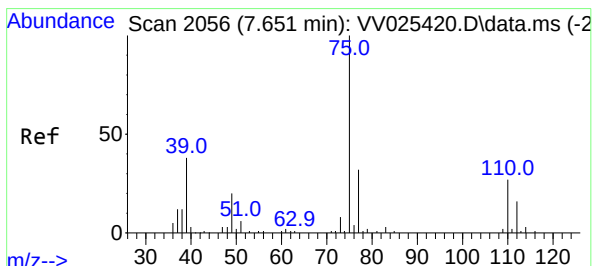
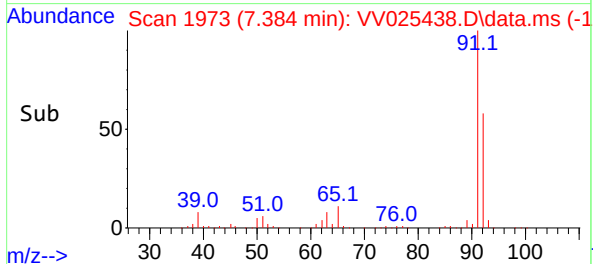
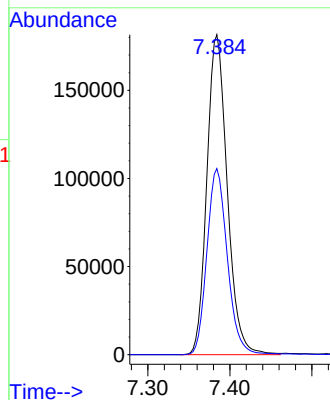
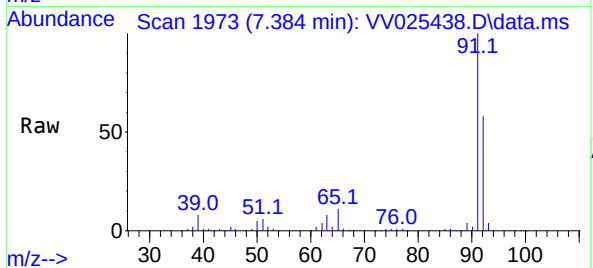
ClientSampleId :

Tgt Ion: 91 Resp: 313427

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.881 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025438.D

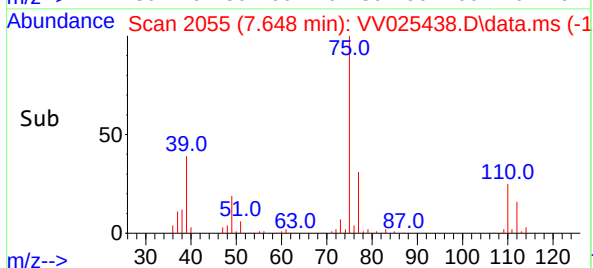
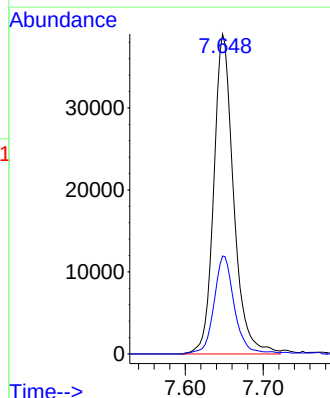
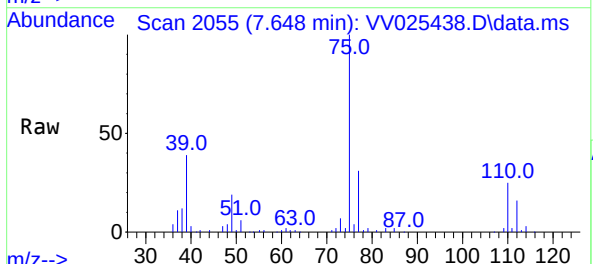
Acq: 11 Apr 2022 10:13

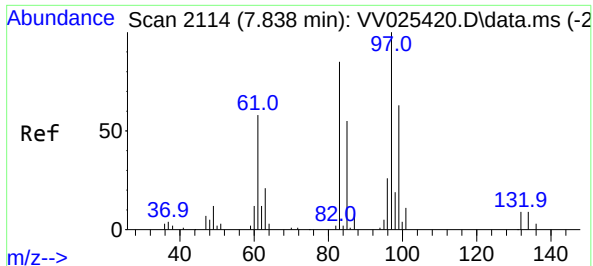
Tgt Ion: 75 Resp: 68939

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3



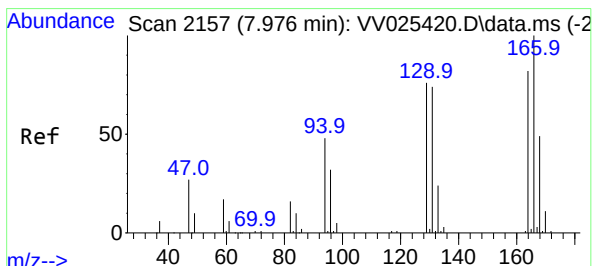
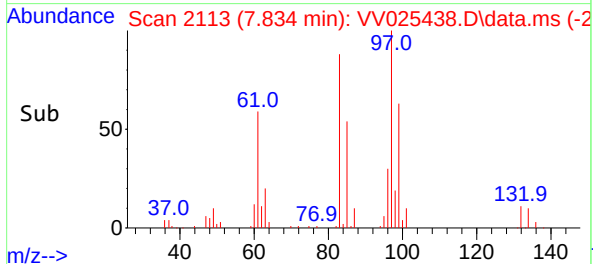
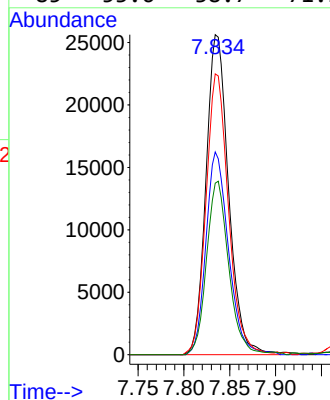
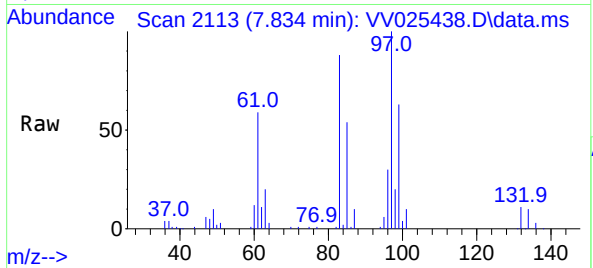


#45
1,1,2-Trichloroethane
Concen: 5.711 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 44029

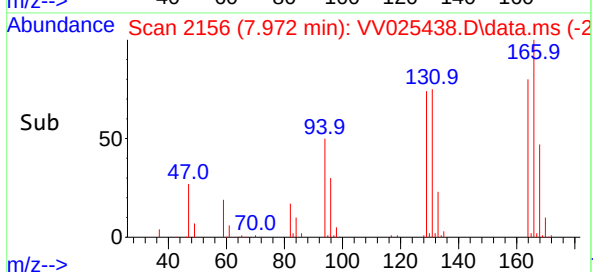
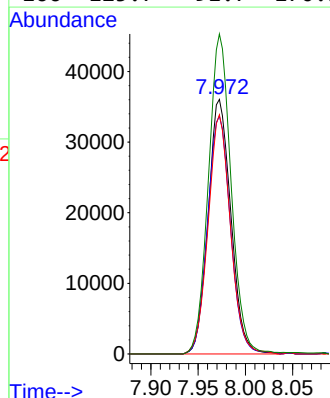
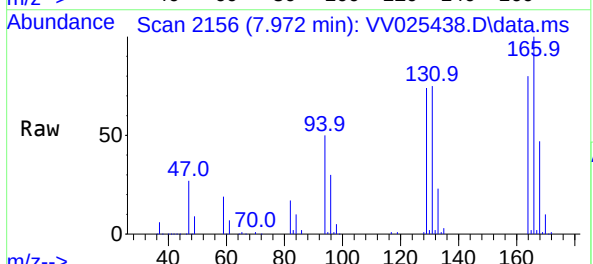
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	87.7	60.3	112.1
85	53.6	38.7	71.9

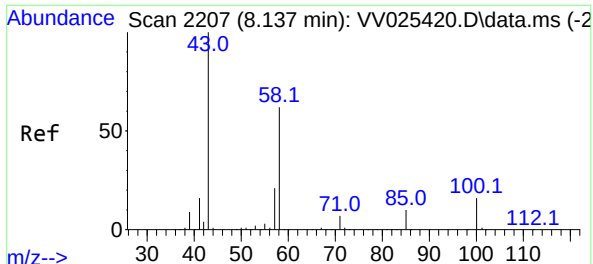


#47
Tetrachloroethene
Concen: 5.836 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 164 Resp: 60372

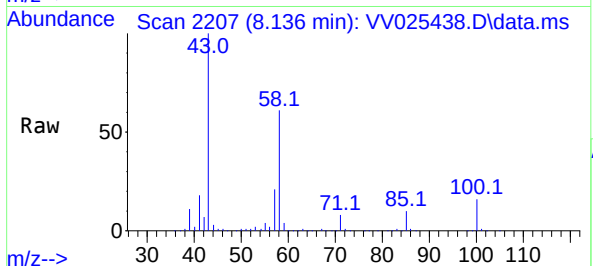
Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.8	124.2
131	94.0	66.4	123.4
166	125.7	91.7	170.3



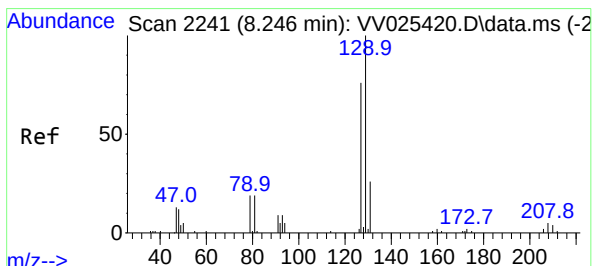
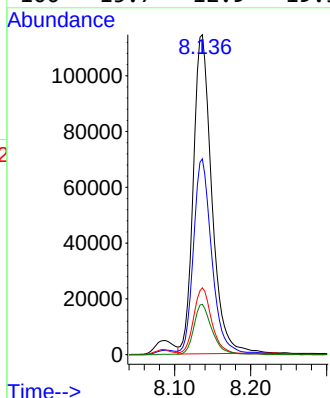
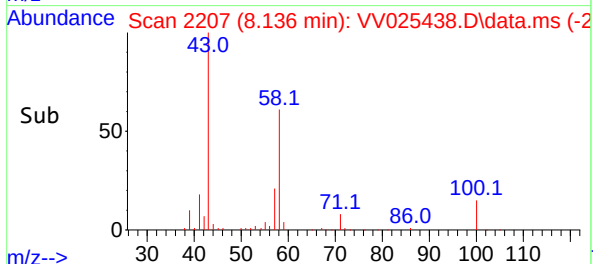


#48
2-Hexanone
Concen: 60.163 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

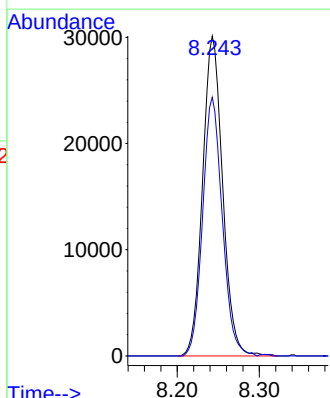
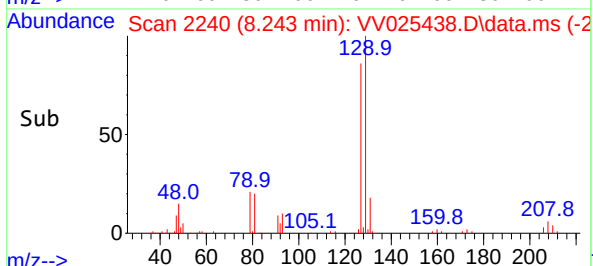
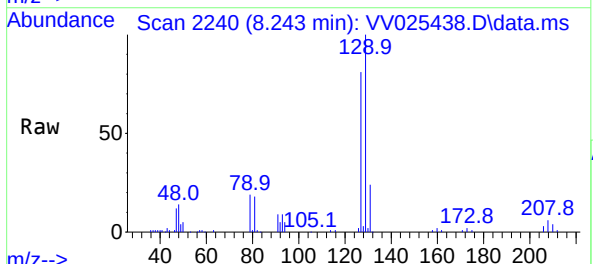


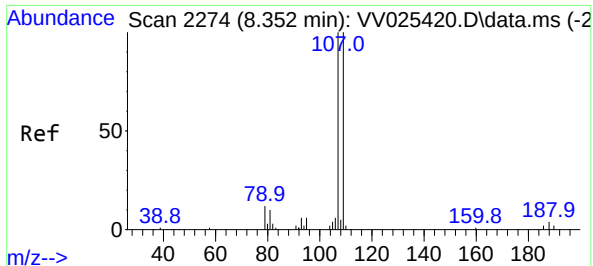
Tgt Ion: 43 Resp: 193275
Ion Ratio Lower Upper
43 100
58 59.5 49.7 74.5
57 20.3 16.4 24.6
100 15.7 12.9 19.3



#49
Dibromochloromethane
Concen: 6.039 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 129 Resp: 51113
Ion Ratio Lower Upper
129 100
127 80.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.444 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025438.D

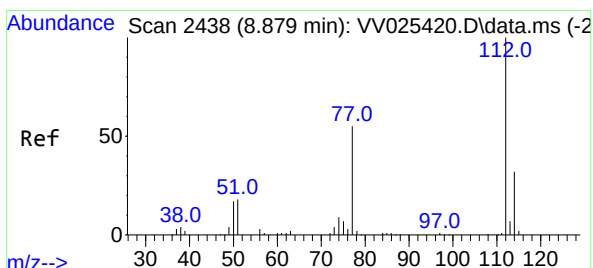
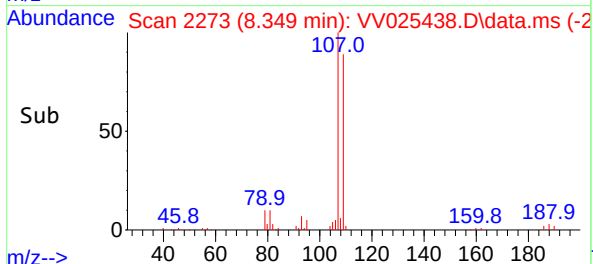
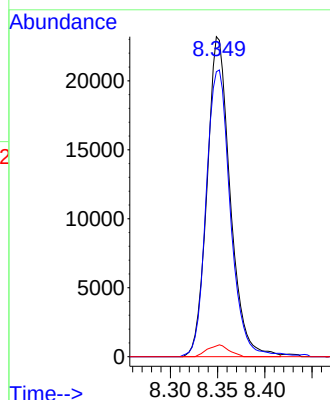
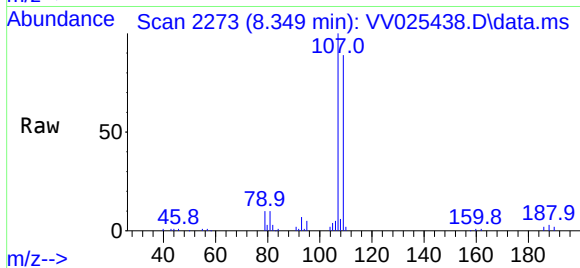
Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	39426
Ion	Ratio	Lower Upper
107	100	
109	89.1	65.9 122.3
188	3.4	2.7 4.1



#51

Chlorobenzene

Concen: 5.651 ug/L

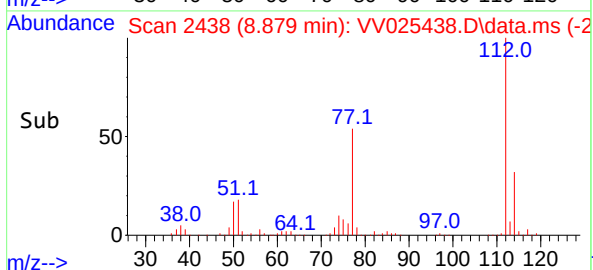
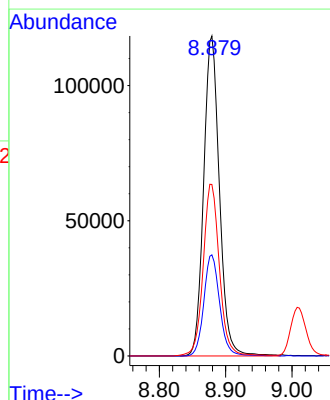
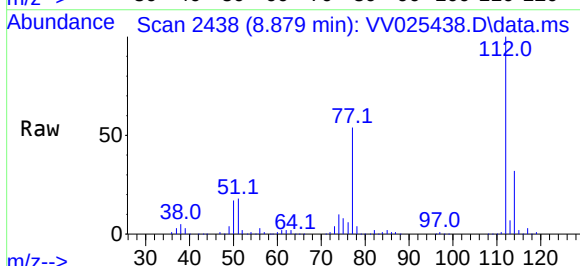
RT: 8.879 min Scan# 2438

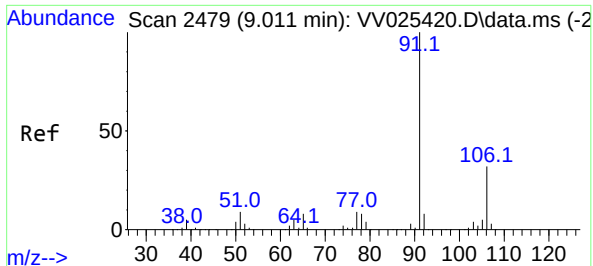
Delta R.T. -0.000 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Tgt Ion:112	Resp:	195342
Ion	Ratio	Lower Upper
112	100	
114	31.6	22.4 41.6
77	53.6	43.7 65.5

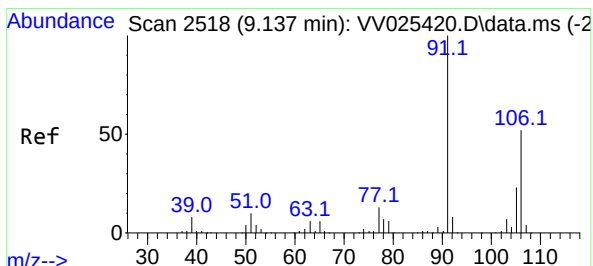
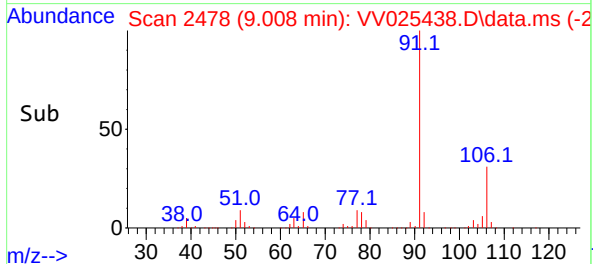
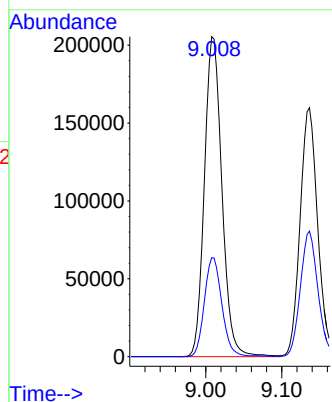
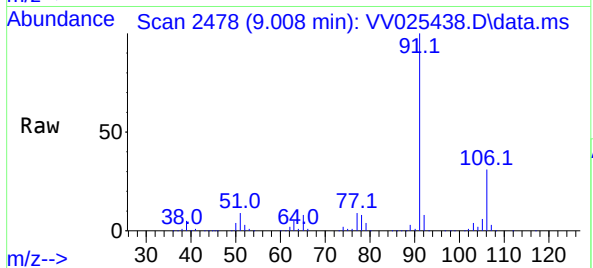




#52
Ethylbenzene
Concen: 5.699 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

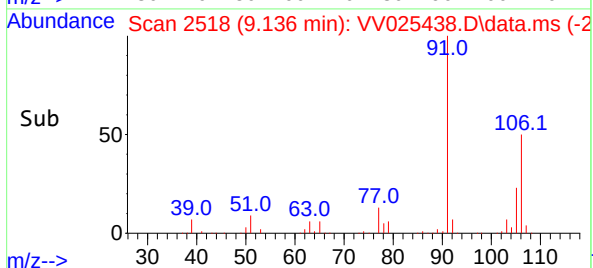
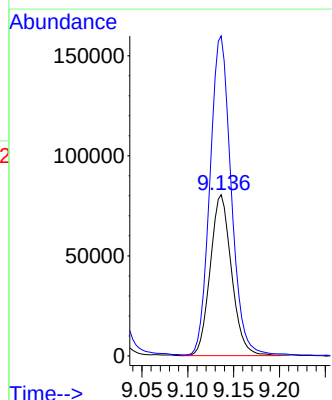
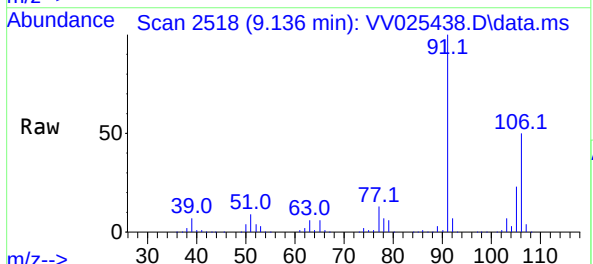
Instrument :
MSVOA_V
ClientSampleId :

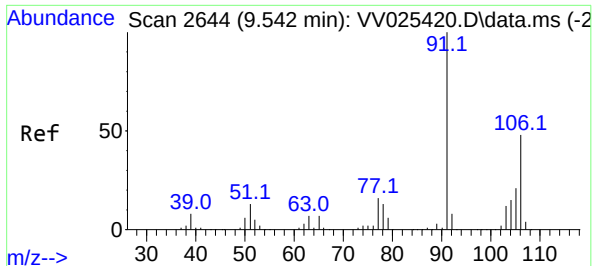
Tgt Ion: 91 Resp: 329030
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.3



#53
m,p-Xylene
Concen: 5.904 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion:106 Resp: 129609
Ion Ratio Lower Upper
106 100
91 198.4 136.4 253.4

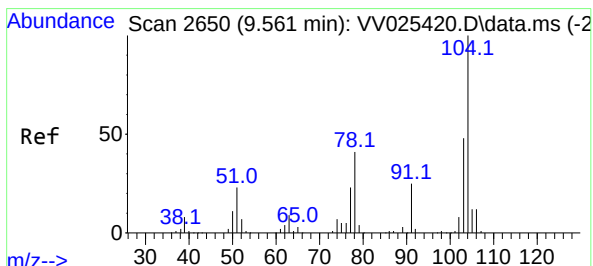
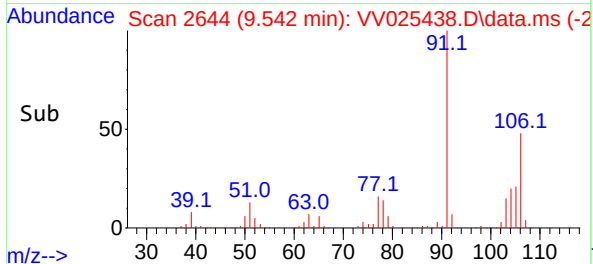
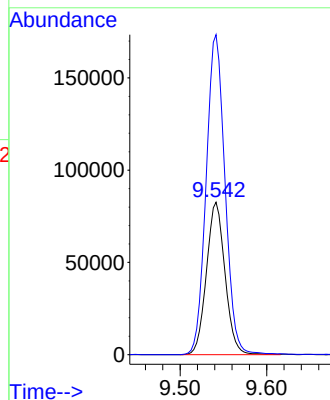
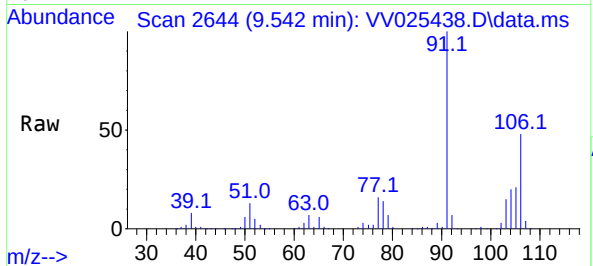




#54
o-Xylene
Concen: 5.771 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

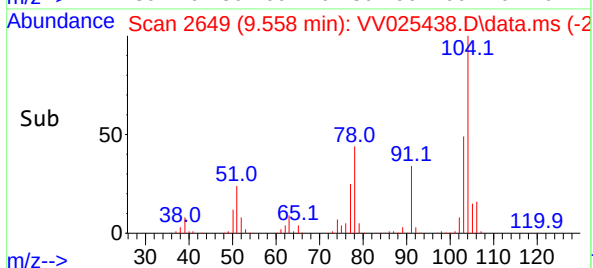
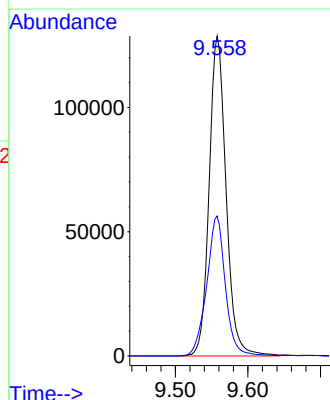
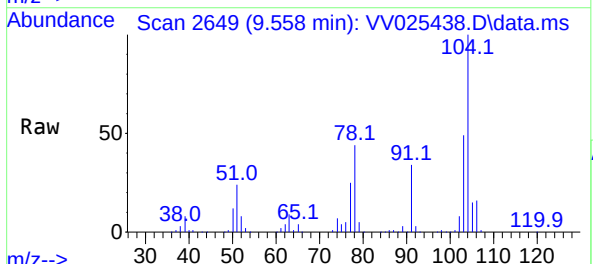
Instrument :
MSVOA_V
ClientSampleId :

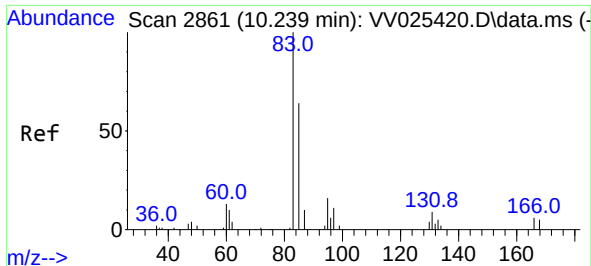
Tgt Ion:106 Resp: 123038
Ion Ratio Lower Upper
106 100
91 209.8 150.4 279.2



#55
Styrene
Concen: 6.034 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion:104 Resp: 209185
Ion Ratio Lower Upper
104 100
78 43.8 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.540 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

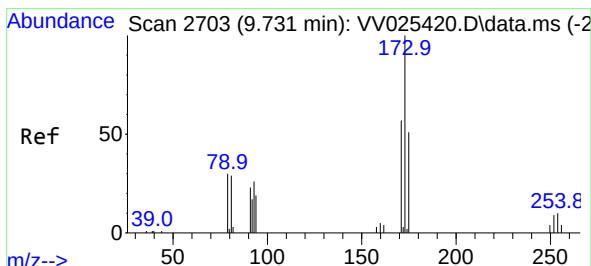
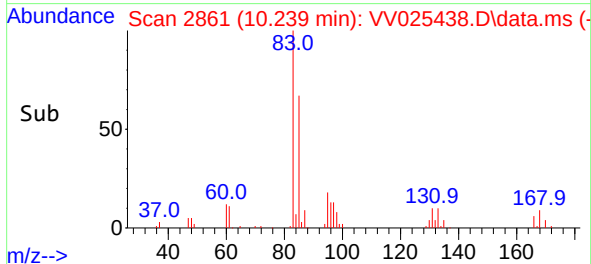
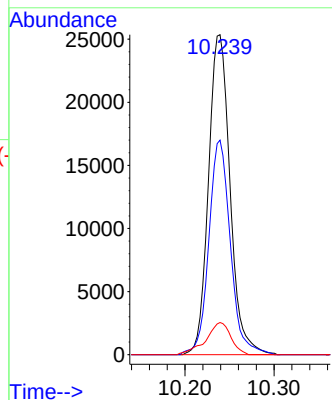
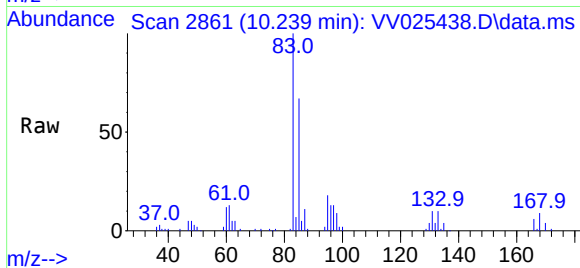
Tgt Ion: 83 Resp: 42673

Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.9

131 10.1 7.9 11.9



#59

Bromoform

Concen: 6.026 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

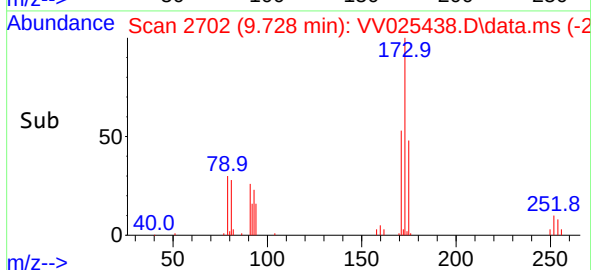
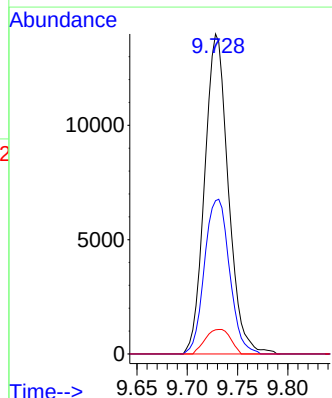
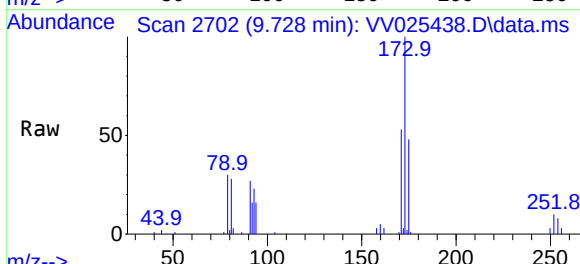
Tgt Ion: 173 Resp: 22898

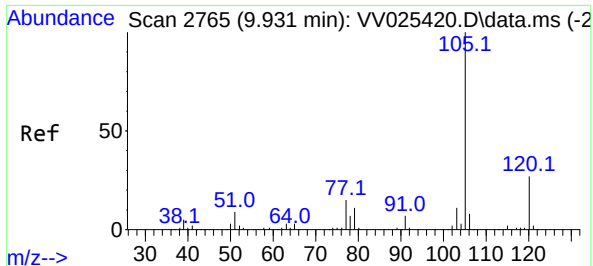
Ion Ratio Lower Upper

173 100

175 51.2 40.8 61.2

254 8.1 7.0 10.6

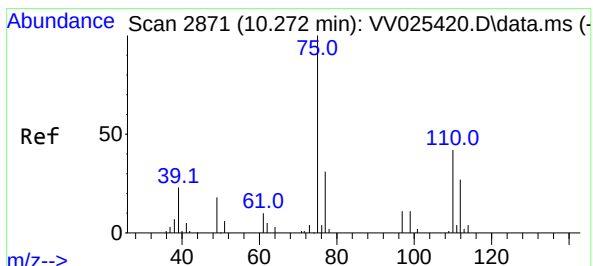
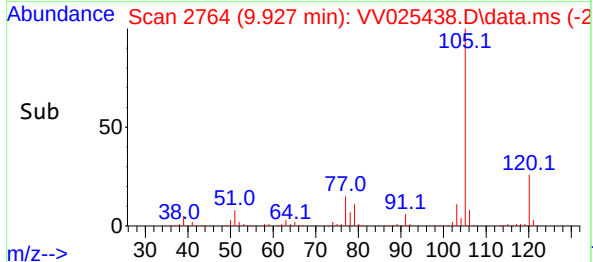
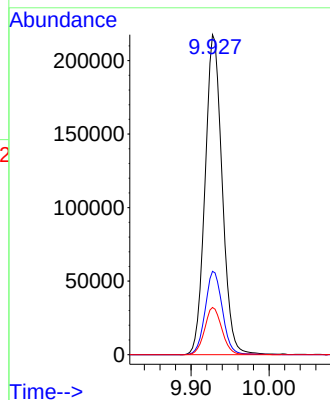
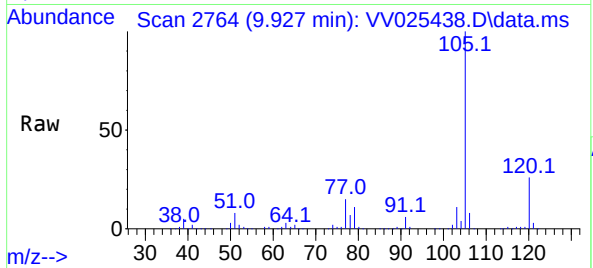




#60
Isopropylbenzene
Concen: 5.826 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

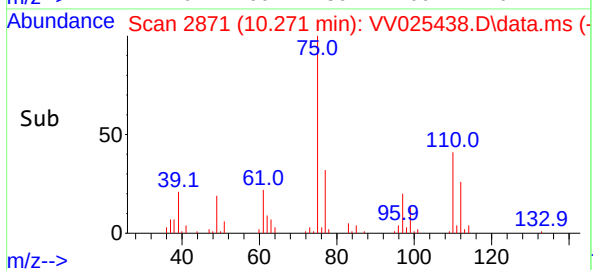
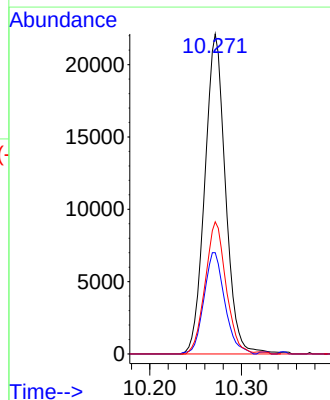
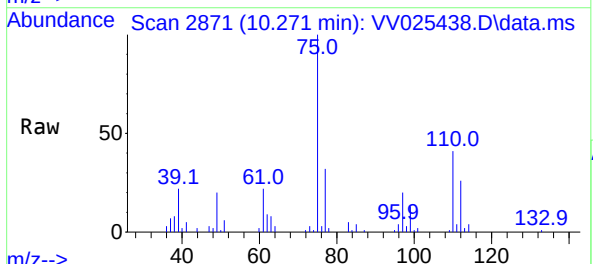
Instrument :
MSVOA_V
ClientSampleId :

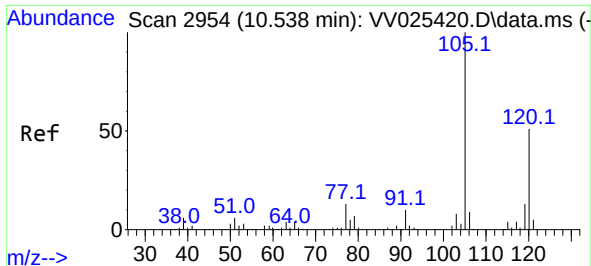
Tgt Ion:105 Resp: 332011
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.716 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion: 75 Resp: 34658
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 41.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 5.614 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

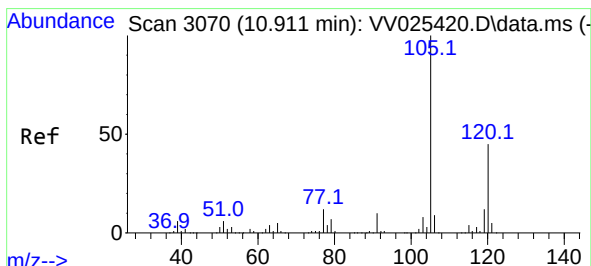
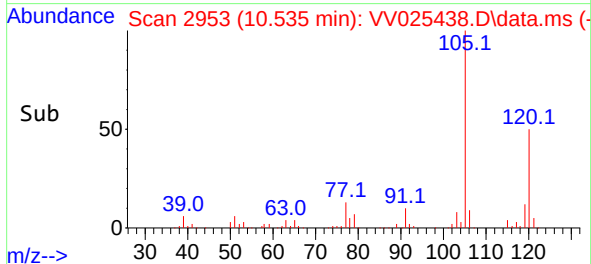
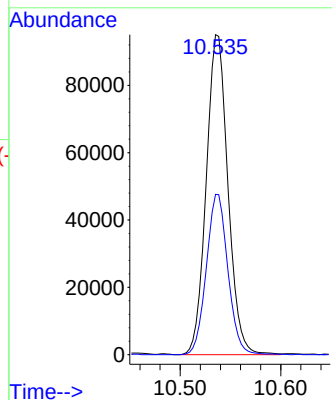
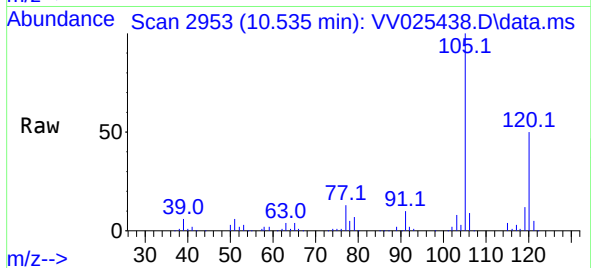
ClientSampleId :

Tgt Ion:105 Resp: 142659

Ion Ratio Lower Upper

105 100

120 49.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.830 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025438.D

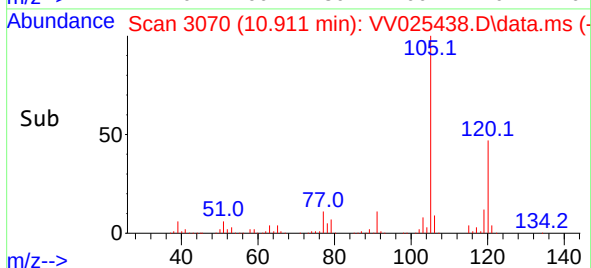
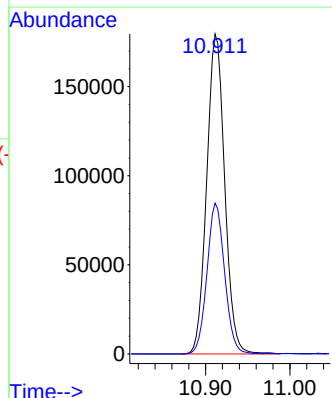
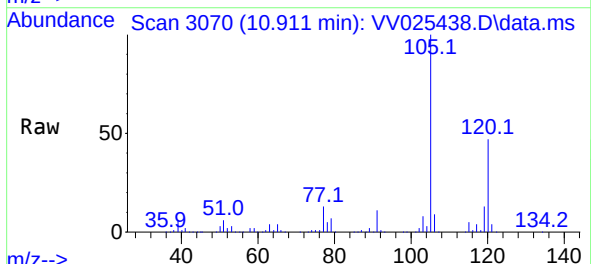
Acq: 11 Apr 2022 10:13

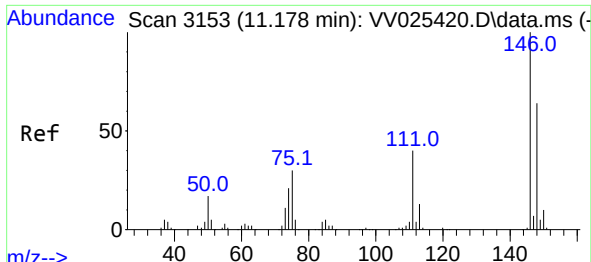
Tgt Ion:105 Resp: 266916

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0

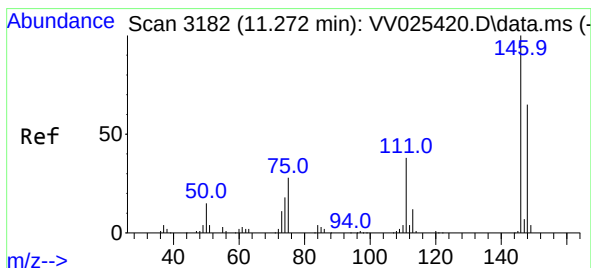
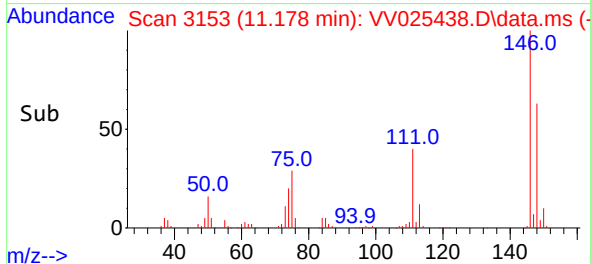
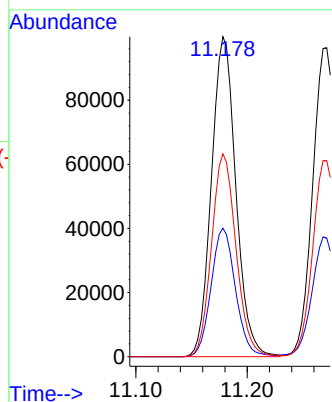
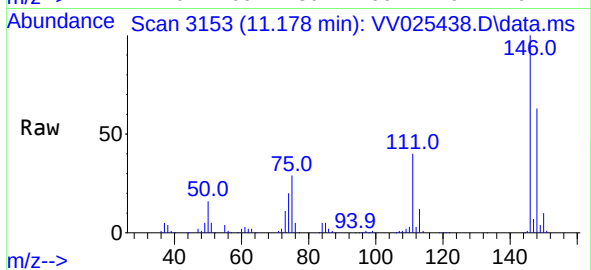




#64
1,3-Dichlorobenzene
Concen: 5.716 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

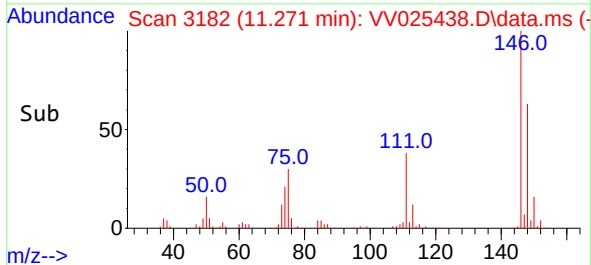
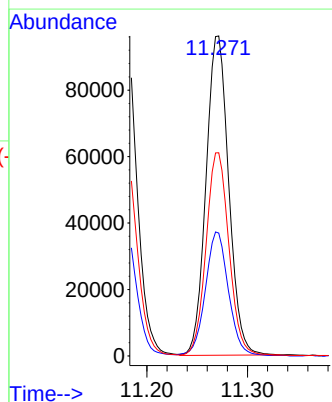
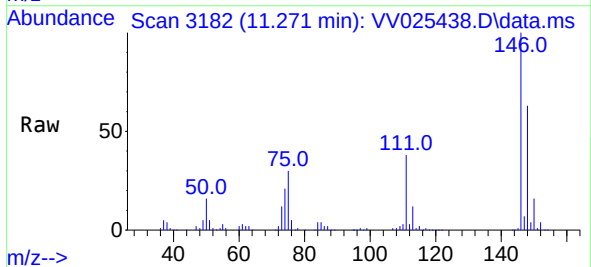
Instrument :
MSVOA_V
ClientSampleId :

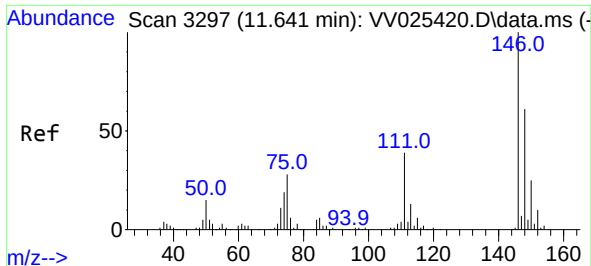
Tgt Ion:146 Resp: 152058
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.587 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion:146 Resp: 150848
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 63.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 5.613 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

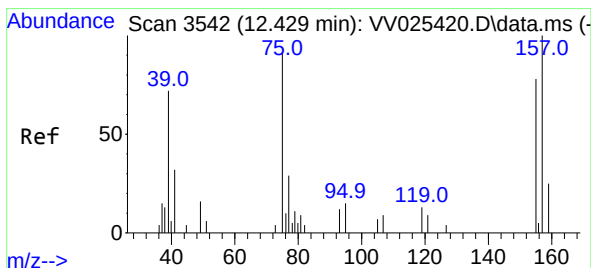
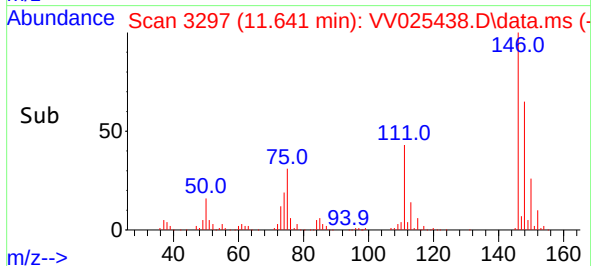
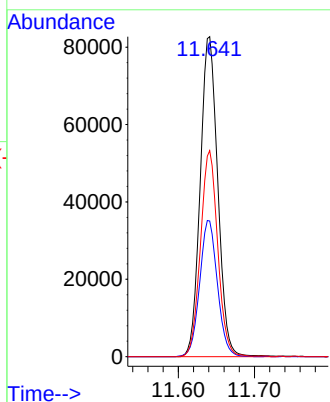
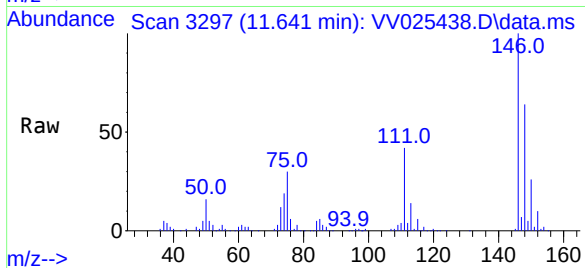
Tgt Ion:146 Resp: 132234

Ion Ratio Lower Upper

146 100

111 42.4 33.6 50.4

148 64.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.011 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV025438.D

Acq: 11 Apr 2022 10:13

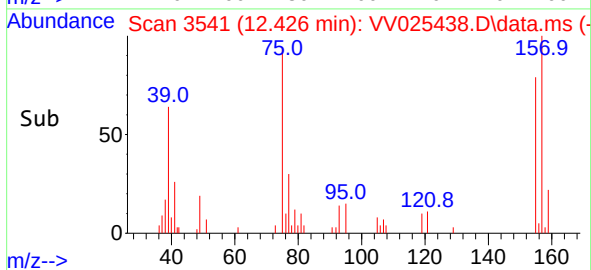
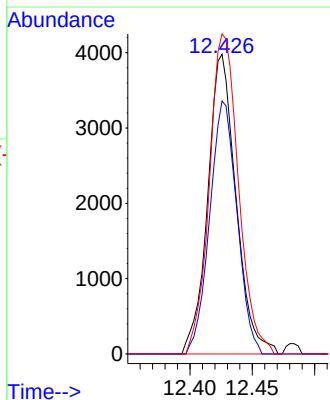
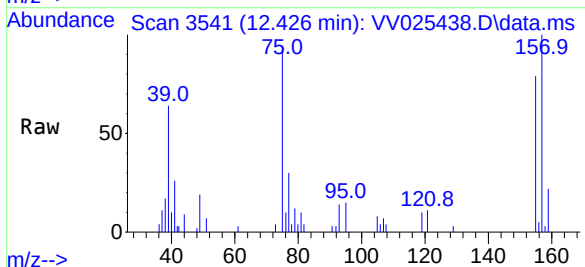
Tgt Ion: 75 Resp: 6301

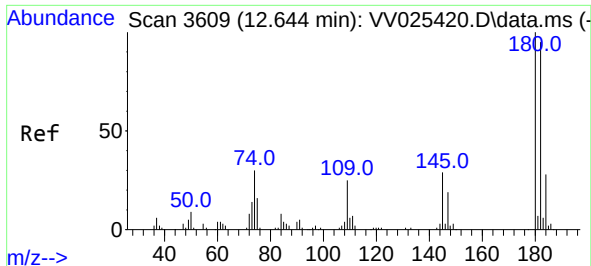
Ion Ratio Lower Upper

75 100

155 84.4 65.8 98.8

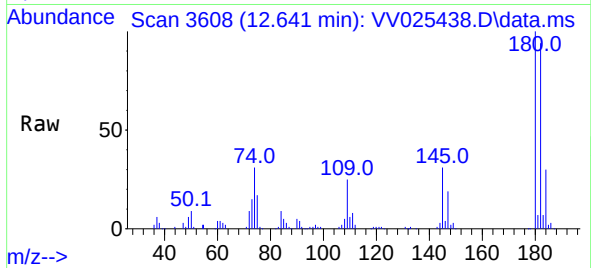
157 106.8 86.6 130.0



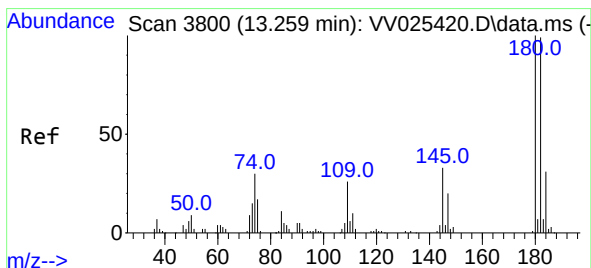
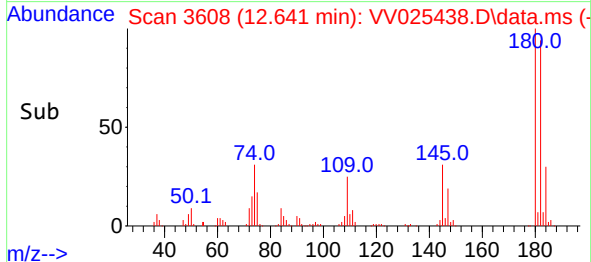
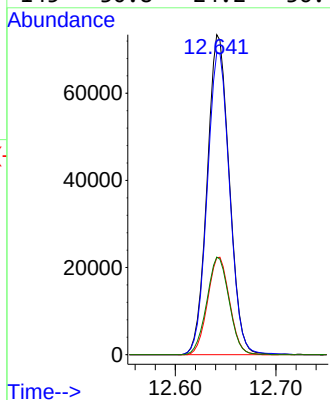


#69
 1,3,5-Trichlorobenzene
 Concen: 5.546 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

Instrument :
 MSVOA_V
 ClientSampleId :

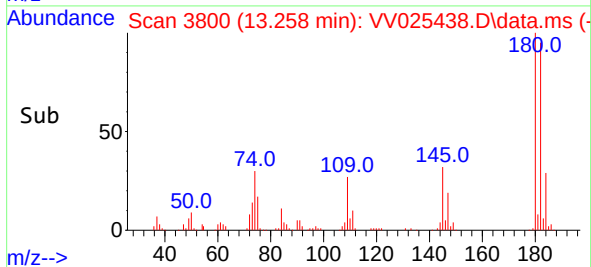
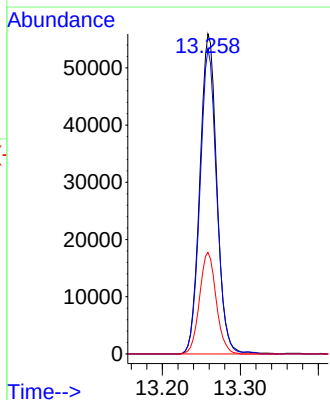
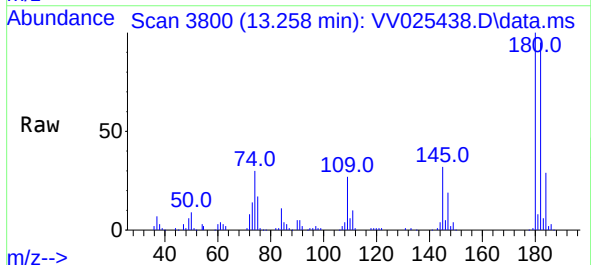


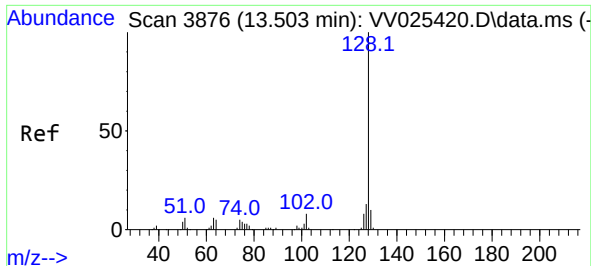
Tgt Ion:180 Resp: 112236
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.3 112.9
 184 30.2 23.4 35.2
 145 30.8 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.414 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025438.D
 Acq: 11 Apr 2022 10:13

Tgt Ion:180 Resp: 84459
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.6 114.8
 145 31.1 24.6 36.8

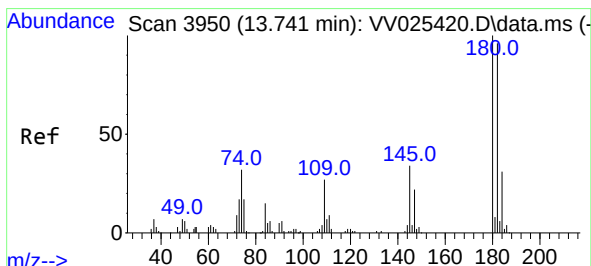
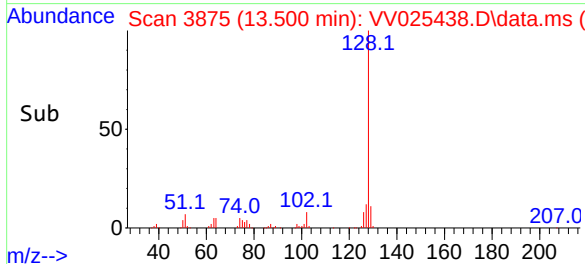
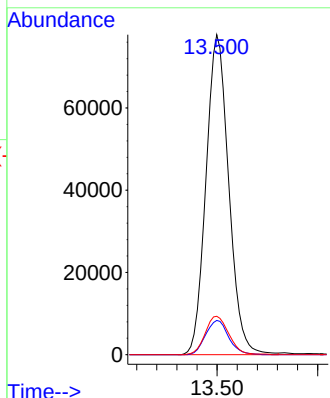
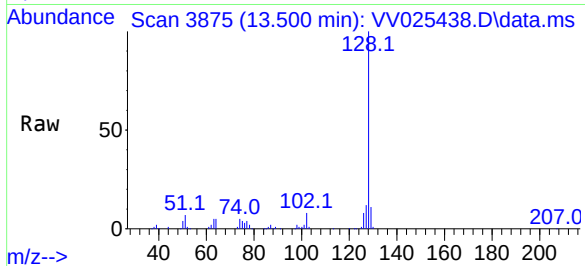




#71
Naphthalene
Concen: 5.344 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 122309
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.497 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025438.D
Acq: 11 Apr 2022 10:13

Tgt Ion:180 Resp: 71009
Ion Ratio Lower Upper
180 100
182 94.7 77.7 116.5
145 33.9 27.4 41.2

