

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035120.D
 Acq On : 11 Apr 2024 09:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 14:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	337089	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	173921	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173877	53.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.820%	
7) Chloroethane-d5	1.529	69	143078	50.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.200%	
11) 1,1-Dichloroethene-d2	2.056	65	75383	52.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.660%	
21) 2-Butanone-d5	3.783	46	213785	110.727	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 110.730%	
24) Chloroform-d	4.243	84	297520	54.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.720%	
26) 1,2-Dichloroethane-d4	4.934	65	187231	53.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.760%	
32) Benzene-d6	4.953	84	586145	51.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.480%	
36) 1,2-Dichloropropane-d6	5.982	67	188634	52.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.860%	
41) Toluene-d8	7.239	98	536836	52.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.240%	
43) trans-1,3-Dichloroprop...	7.548	79	87077	49.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 99.580%	
47) 2-Hexanone-d5	8.021	63	123151	90.542	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 90.540%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	259931	52.469	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.940%	
66) 1,2-Dichlorobenzene-d4	11.558	152	195410	50.042	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.080%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	113327	46.386	ug/L	100
3) Chloromethane	1.214	50	143154	45.578	ug/L	99
5) Vinyl chloride	1.281	62	154259	46.849	ug/L	100
6) Bromomethane	1.484	94	118058	47.832	ug/L	100
8) Chloroethane	1.545	64	105684	46.996	ug/L	97
9) Trichlorofluoromethane	1.712	101	219747	50.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	141024	53.314	ug/L	98
12) 1,1-Dichloroethene	2.069	96	122955	48.601	ug/L	90
13) Acetone	2.114	43	233531	131.747	ug/L	99
14) Carbon disulfide	2.240	76	306020	42.954	ug/L	99
15) Methyl Acetate	2.371	43	173050	61.952	ug/L	98
16) Methylene chloride	2.445	84	149500	54.538	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	125148	51.166	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	469209	54.616	ug/L	98
19) 1,1-Dichloroethane	3.108	63	282942	56.410	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	149729	53.909	ug/L	99
22) 2-Butanone	3.860	43	244761	118.997	ug/L	98
23) Bromochloromethane	4.143	128	76058	54.733	ug/L	97
25) Chloroform	4.272	83	280694	56.603	ug/L	98

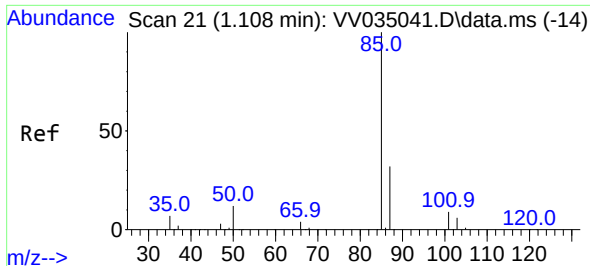
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
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 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	216563	54.850	ug/L	99
29) Cyclohexane	4.577	56	210817	49.907	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	231275	52.607	ug/L	99
31) Carbon tetrachloride	4.731	117	196152	52.641	ug/L	100
33) Benzene	5.005	78	571613	51.975	ug/L	100
34) Trichloroethene	5.828	95	147145	49.576	ug/L	98
35) Methylcyclohexane	6.047	83	227276	50.704	ug/L	99
37) 1,2-Dichloropropane	6.088	63	167773	55.202	ug/L	100
38) Bromodichloromethane	6.429	83	212314	54.143	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	252725	52.785	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	442578	114.054	ug/L	98
42) Toluene	7.310	91	605853	52.619	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	237601	54.017	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	158412	55.299	ug/L	98
46) Tetrachloroethene	7.902	164	111185	53.620	ug/L	98
48) 2-Hexanone	8.072	43	378647	114.730	ug/L	100
49) Dibromochloromethane	8.172	129	154373	54.410	ug/L	98
50) 1,2-Dibromoethane	8.278	107	161936	52.507	ug/L	97
51) Chlorobenzene	8.812	112	393310	52.705	ug/L	99
52) Ethylbenzene	8.944	91	667945	52.344	ug/L	99
53) m,p-Xylene	9.069	106	246145	52.379	ug/L	98
54) o-Xylene	9.474	106	243848	52.444	ug/L	97
55) Styrene	9.493	104	427914	54.459	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	260900	56.212	ug/L	99
59) Bromoform	9.661	173	109817	55.099	ug/L	98
60) Isopropylbenzene	9.863	105	668617	53.326	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	207221	54.984	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	430394	52.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	540757	53.712	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	310679	53.023	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	319712	53.656	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	320245	54.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	54288	52.286	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	231638	54.853	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	205051	52.862	ug/L	99
71) Naphthalene	13.435	128	563015	52.315	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	214674	56.144	ug/L	99

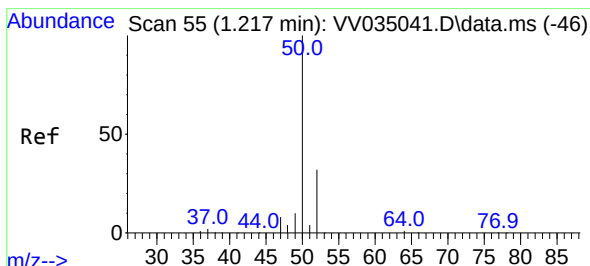
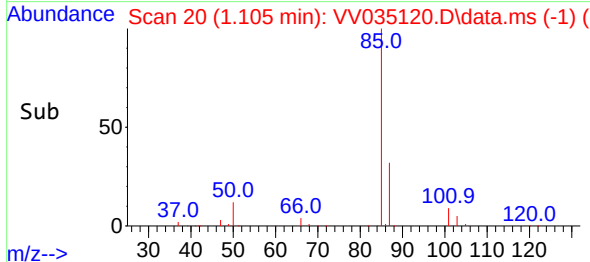
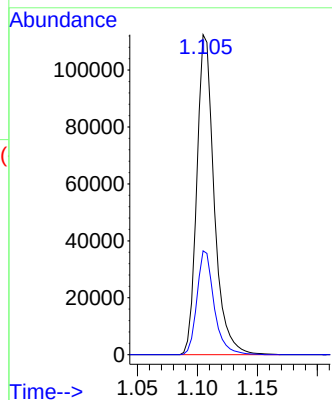
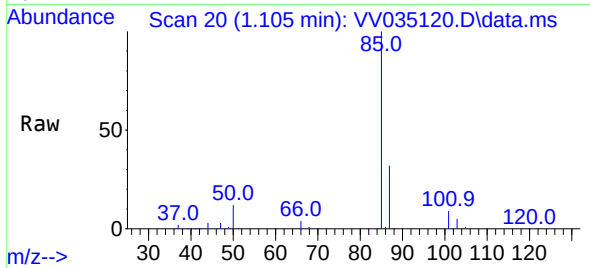
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.386 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

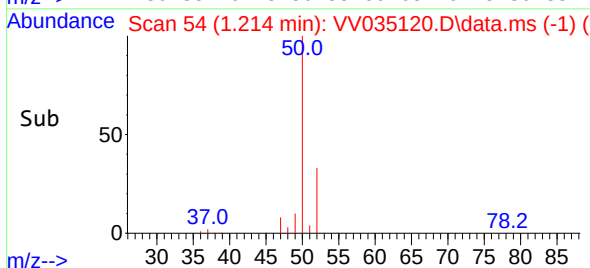
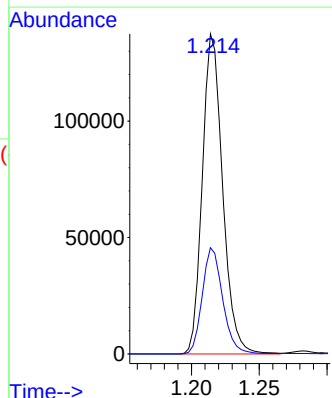
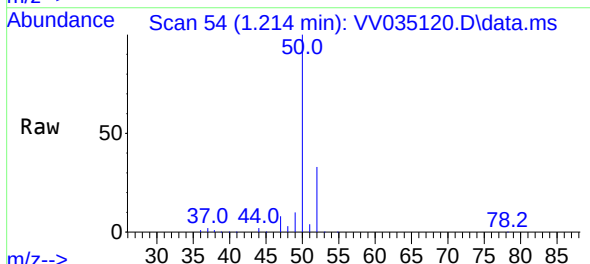
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 113327
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5

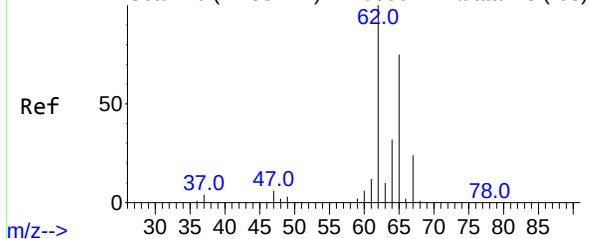


#3
Chloromethane
Concen: 45.578 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 50 Resp: 143154
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



Abundance Scan 76 (1.285 min): VV035041.D\data.ms (-68)



#5

Vinyl chloride

Concen: 46.849 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

ClientSampleId :

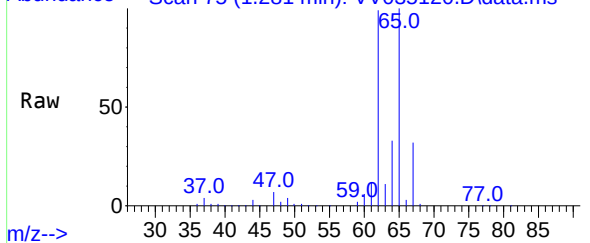
Tgt Ion: 62 Resp: 154259

Ion Ratio Lower Upper

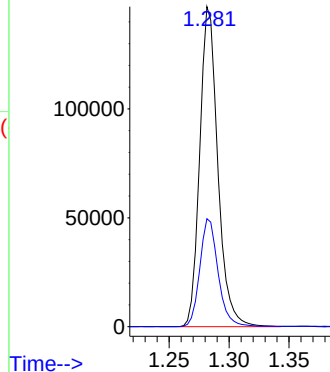
62 100

64 33.8 23.6 43.8

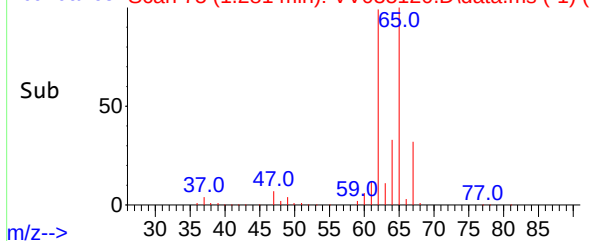
Abundance Scan 75 (1.281 min): VV035120.D\data.ms



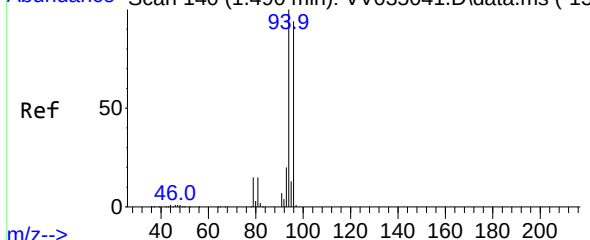
Abundance



Abundance Scan 75 (1.281 min): VV035120.D\data.ms (-1)



Abundance Scan 140 (1.490 min): VV035041.D\data.ms (-13)



#6

Bromomethane

Concen: 47.832 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

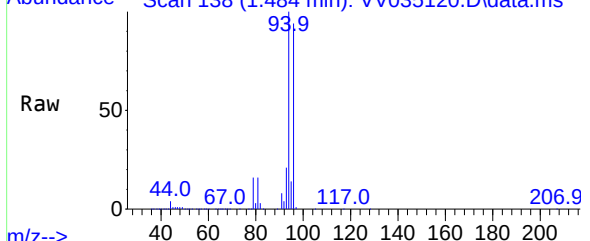
Tgt Ion: 94 Resp: 118058

Ion Ratio Lower Upper

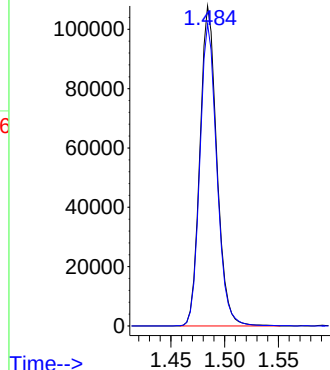
94 100

96 94.4 66.3 123.1

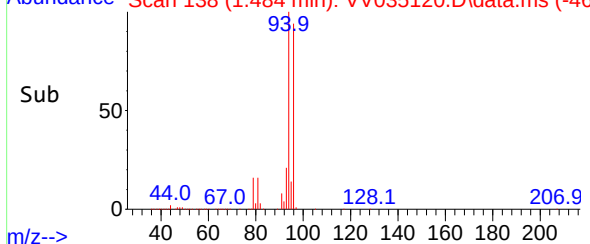
Abundance Scan 138 (1.484 min): VV035120.D\data.ms

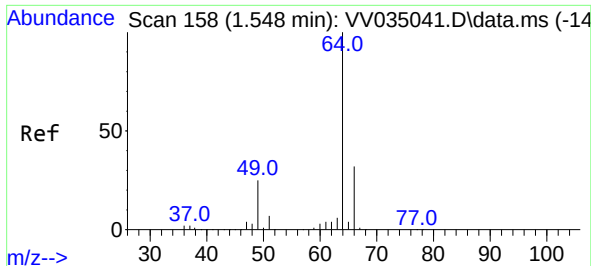


Abundance



Abundance Scan 138 (1.484 min): VV035120.D\data.ms (-46)

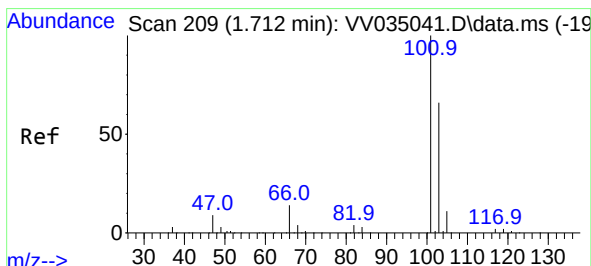
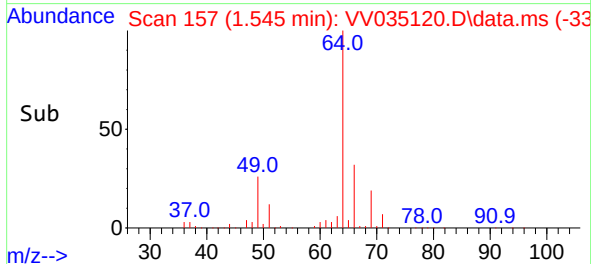
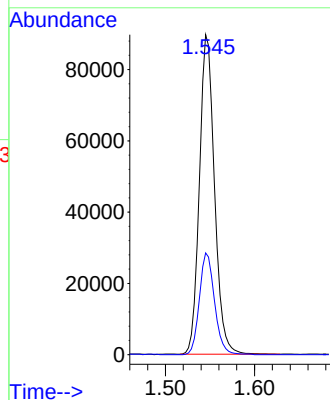
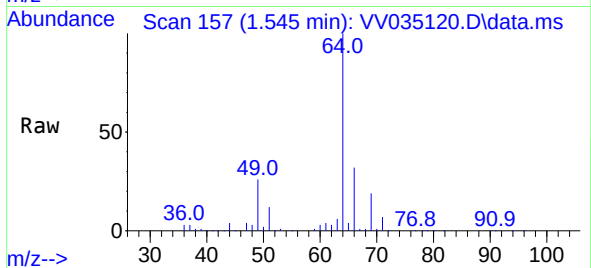




#8
Chloroethane
Concen: 46.996 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

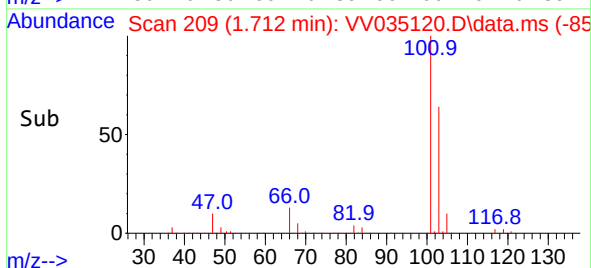
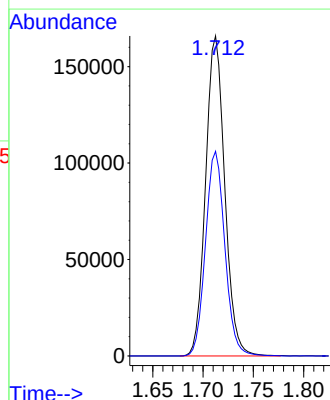
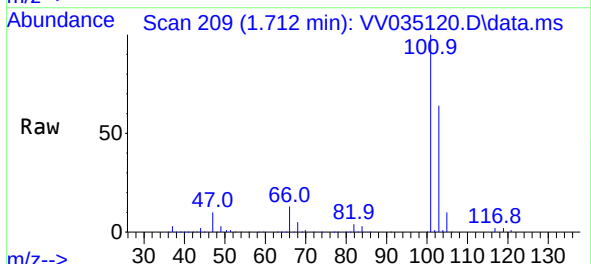
Instrument :
MSVOA_V
ClientSampleId :

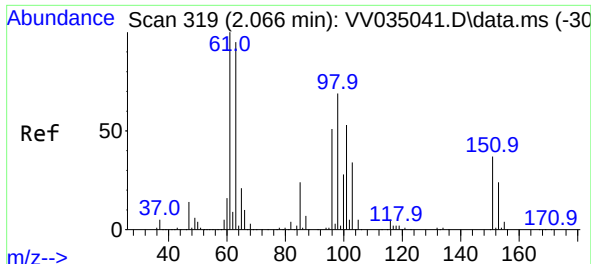
Tgt Ion: 64 Resp: 105684
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.848 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 101 Resp: 219747
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

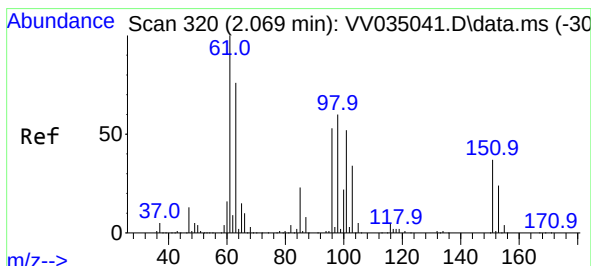
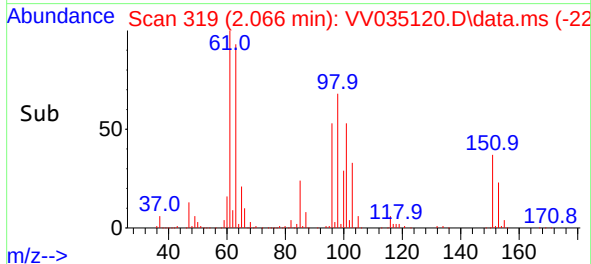
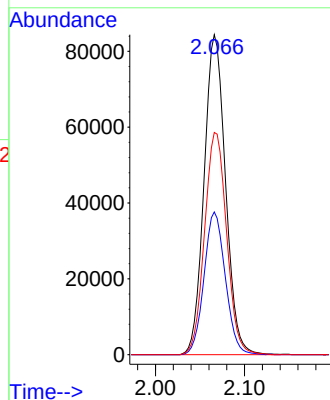
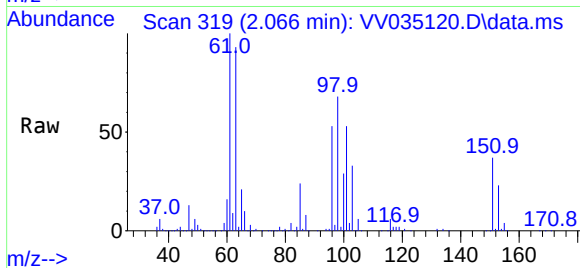




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.314 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV035120.D
 Acq: 11 Apr 2024 09:36

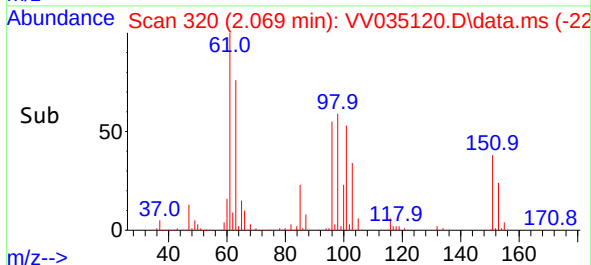
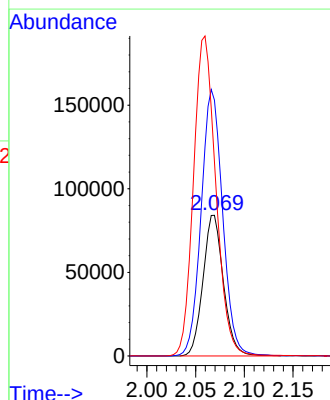
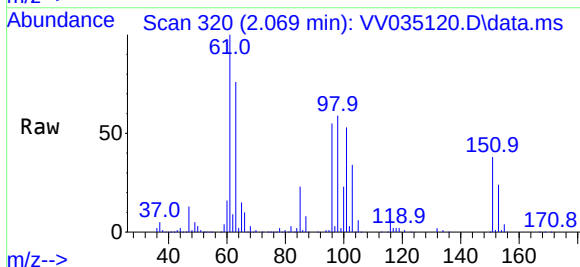
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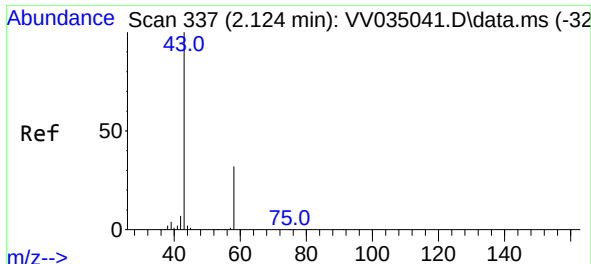
Tgt Ion:101 Resp: 141024
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.3 52.9
 151 71.5 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 48.601 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035120.D
 Acq: 11 Apr 2024 09:36

Tgt Ion: 96 Resp: 122955
 Ion Ratio Lower Upper
 96 100
 61 181.9 131.5 244.3
 63 138.2 111.4 206.8

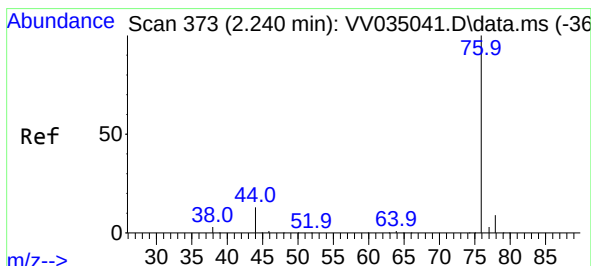
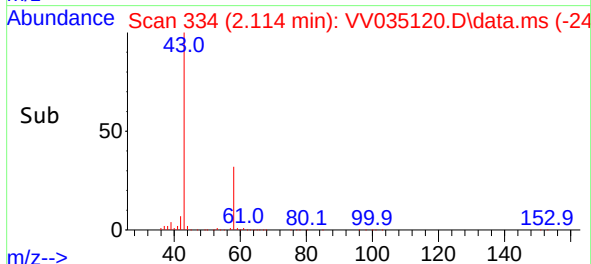
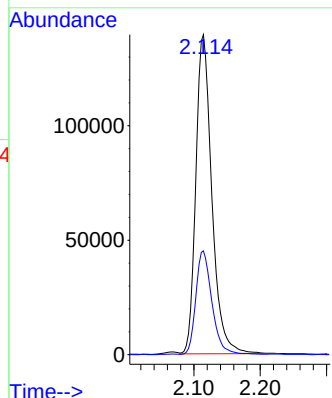
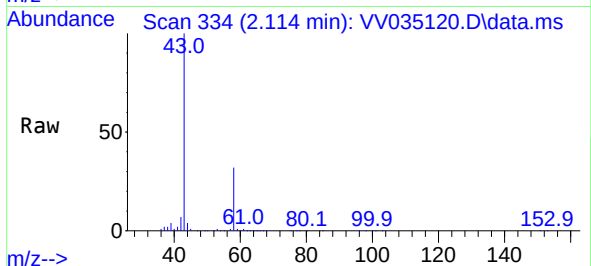




#13
Acetone
Concen: 131.747 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

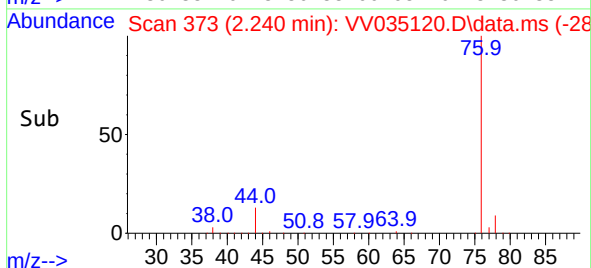
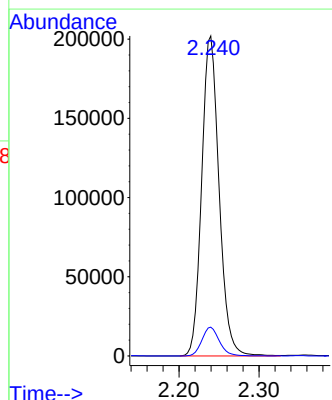
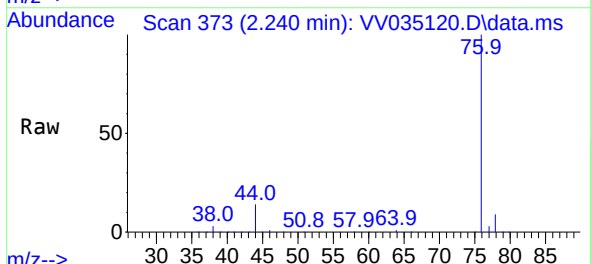
Instrument :
MSVOA_V
ClientSampleId :

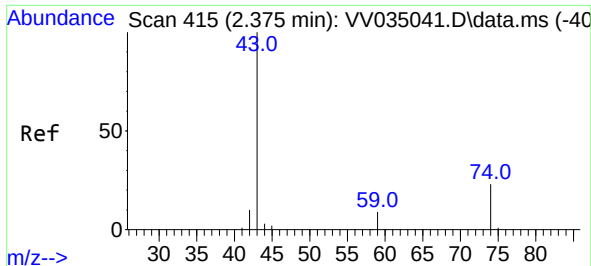
Tgt Ion: 43 Resp: 233531
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.0



#14
Carbon disulfide
Concen: 42.954 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

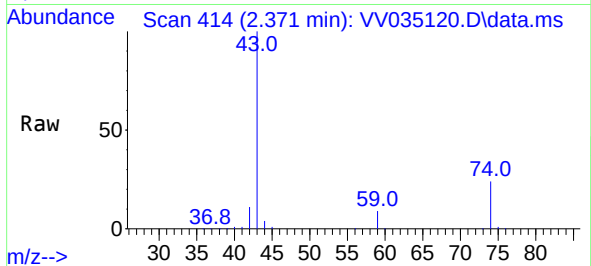
Tgt Ion: 76 Resp: 306020
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



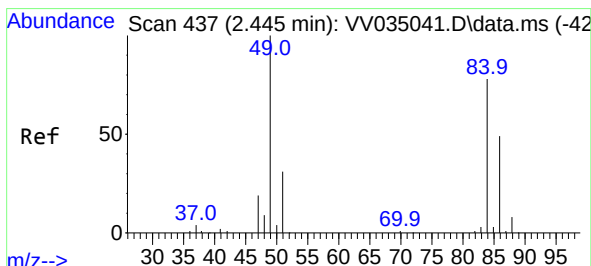
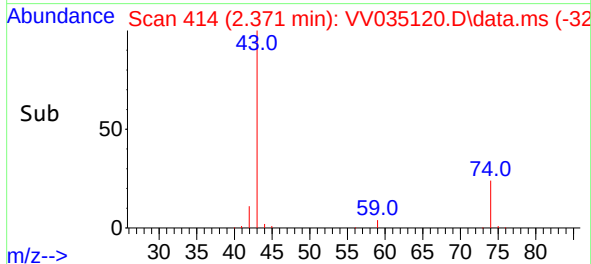
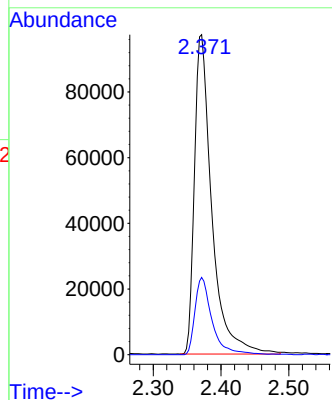


#15
Methyl Acetate
Concen: 61.952 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

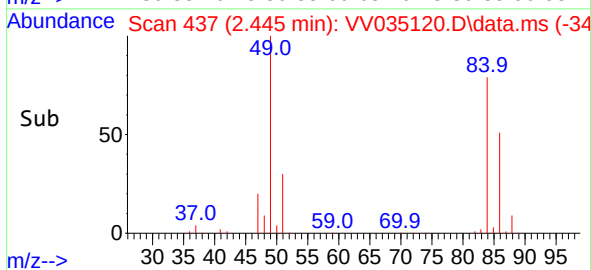
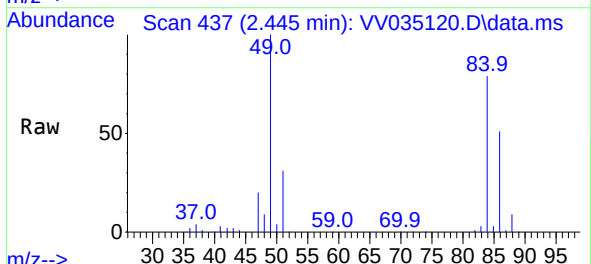
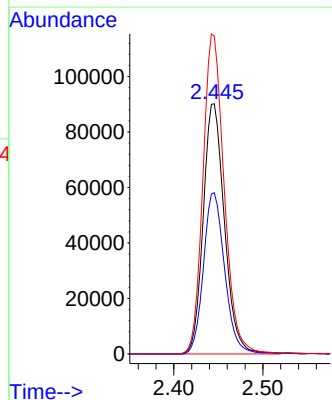


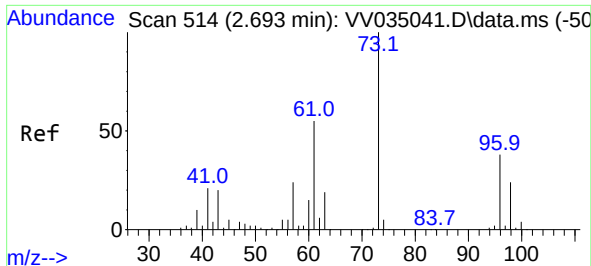
Tgt Ion: 43 Resp: 173050
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8



#16
Methylene chloride
Concen: 54.538 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 84 Resp: 149500
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 126.9 86.9 161.3

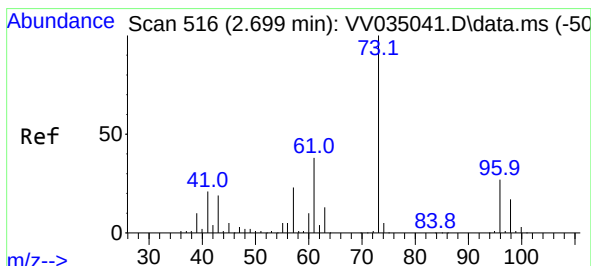
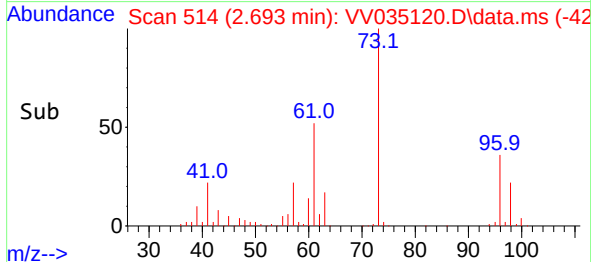
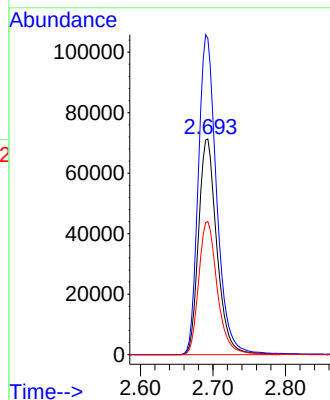
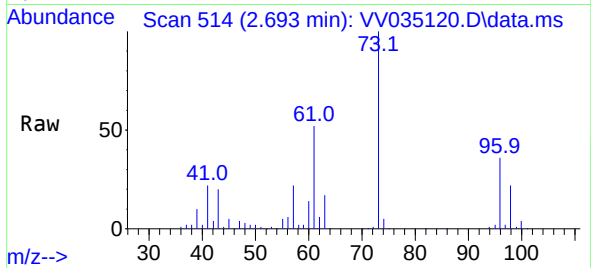




#17
trans-1,2-Dichloroethene
Concen: 51.166 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

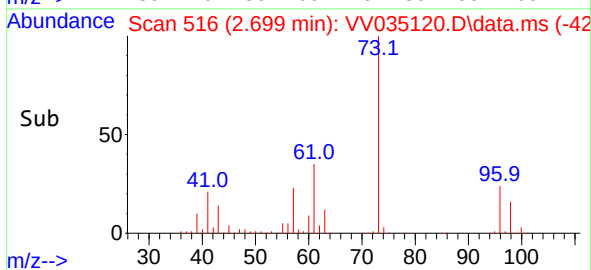
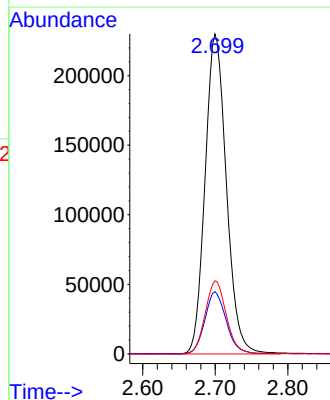
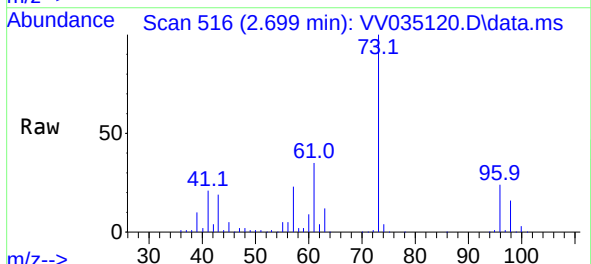
Instrument :
MSVOA_V
ClientSampleId :

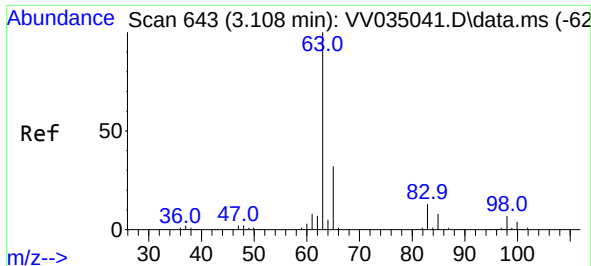
Tgt Ion: 96 Resp: 125148
Ion Ratio Lower Upper
96 100
61 146.5 99.0 183.8
98 61.7 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 54.616 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 73 Resp: 469209
Ion Ratio Lower Upper
73 100
43 19.2 14.6 21.8
57 22.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 56.410 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

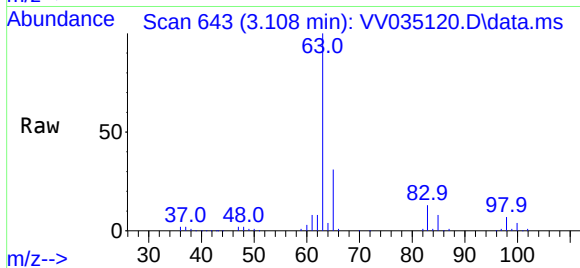
Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

ClientSampleId :



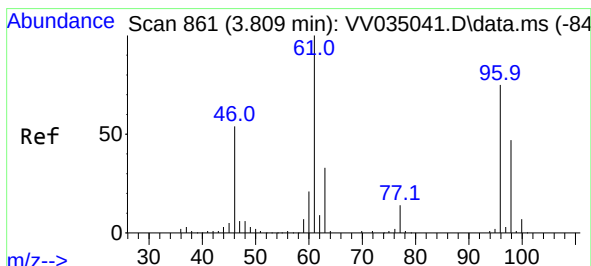
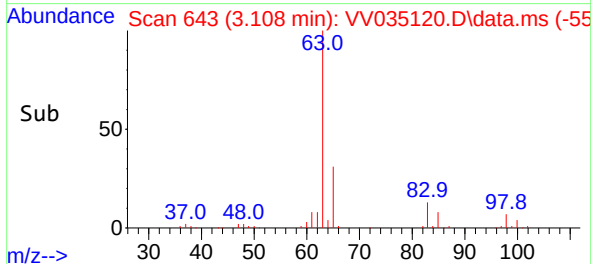
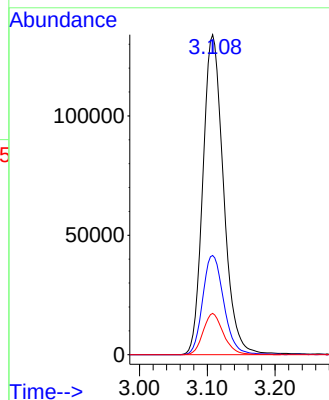
Tgt Ion: 63 Resp: 282942

Ion Ratio Lower Upper

63 100

65 31.0 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 53.909 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

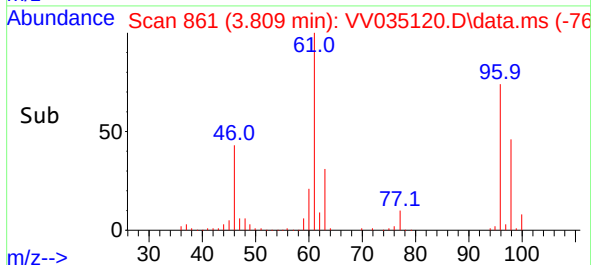
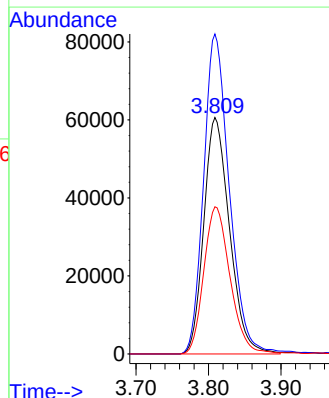
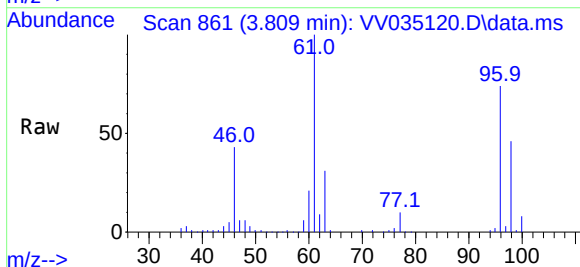
Tgt Ion: 96 Resp: 149729

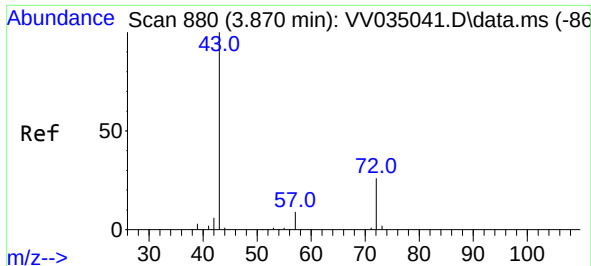
Ion Ratio Lower Upper

96 100

61 135.3 94.9 176.3

98 62.3 45.6 84.8

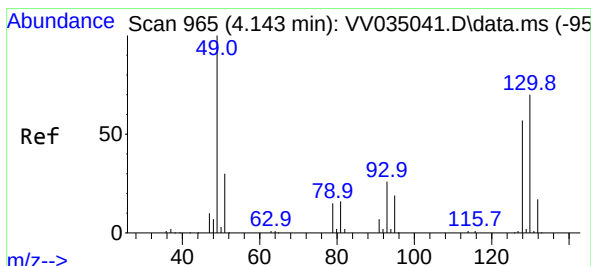
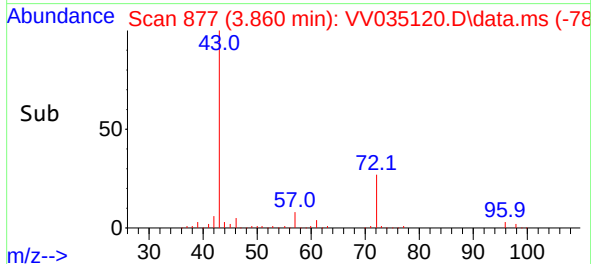
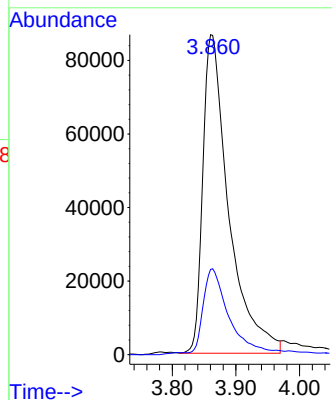
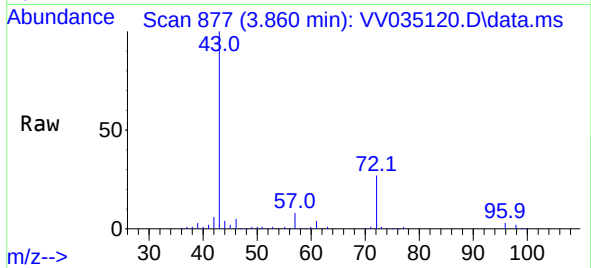




#22
2-Butanone
Concen: 118.997 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

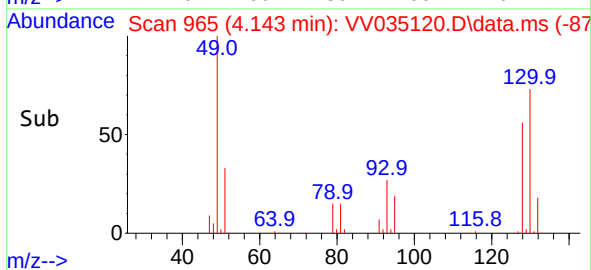
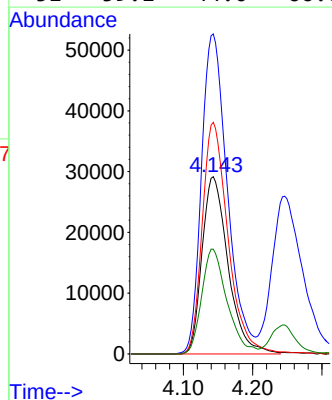
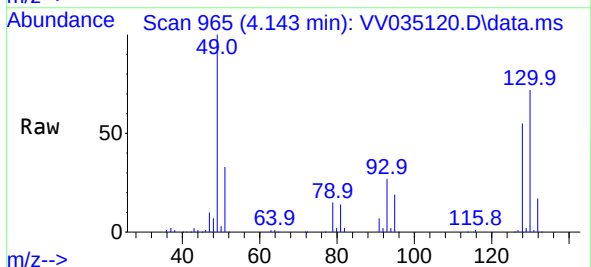
Instrument :
MSVOA_V
ClientSampleId :

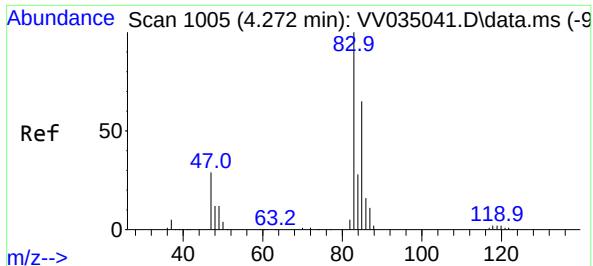
Tgt Ion: 43 Resp: 244761
Ion Ratio Lower Upper
43 100
72 25.4 13.2 39.6



#23
Bromochloromethane
Concen: 54.733 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion:128 Resp: 76058
Ion Ratio Lower Upper
128 100
49 180.5 123.8 229.8
130 130.7 93.2 173.0
51 59.1 44.0 66.0





#25

Chloroform

Concen: 56.603 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

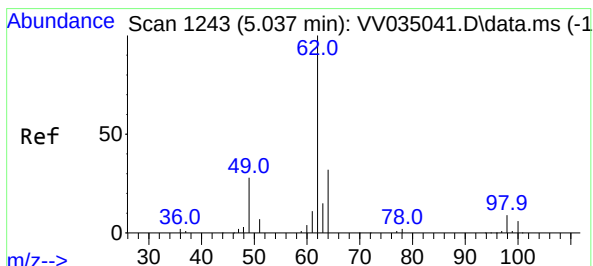
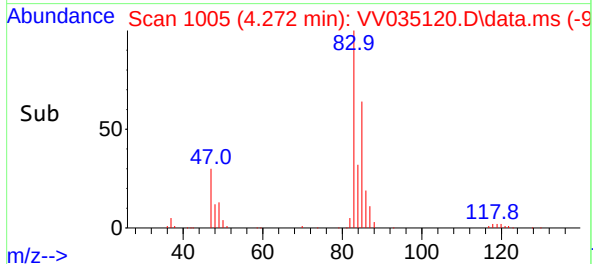
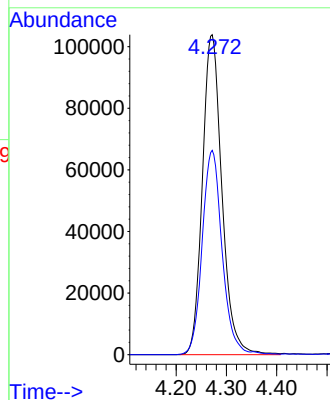
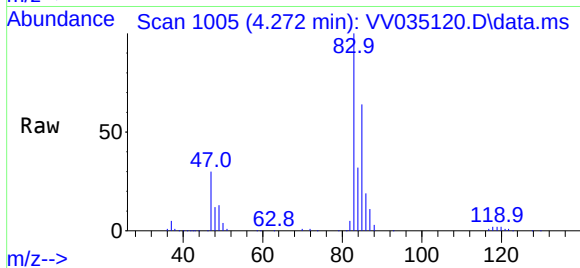
ClientSampleId :

Tgt Ion: 83 Resp: 280694

Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 54.850 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035120.D

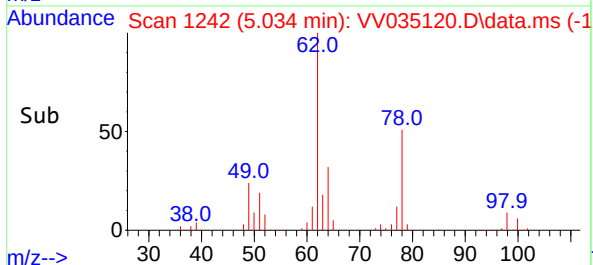
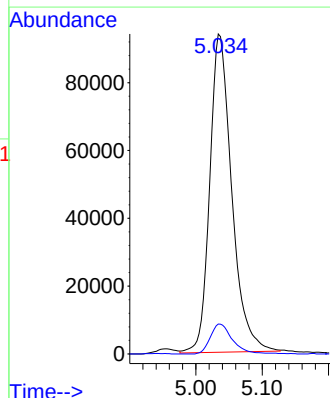
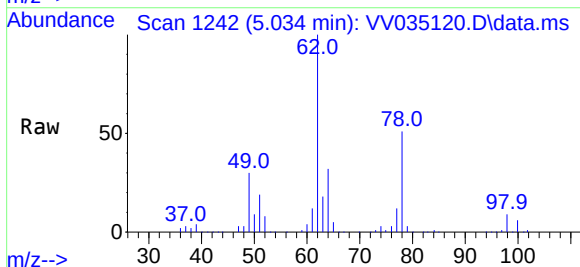
Acq: 11 Apr 2024 09:36

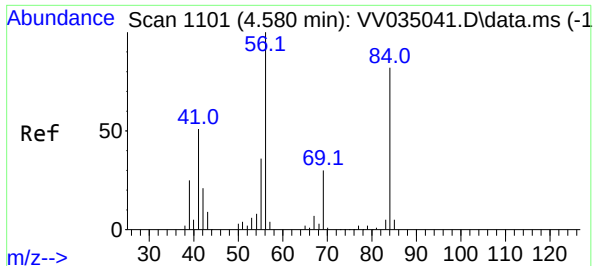
Tgt Ion: 62 Resp: 216563

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 49.907 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

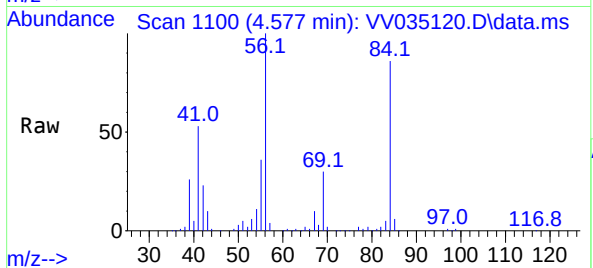
Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

ClientSampleId :



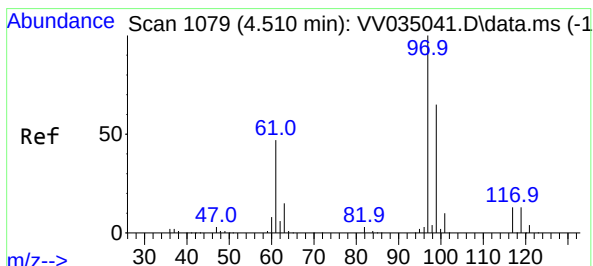
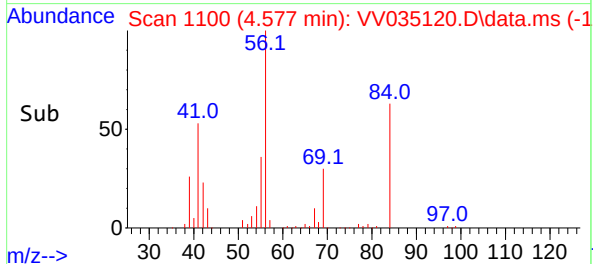
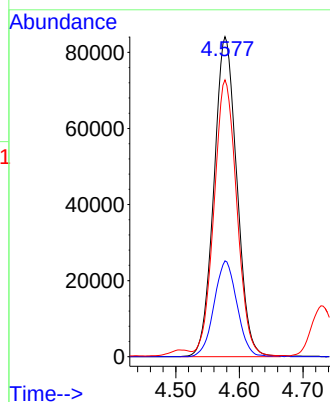
Tgt Ion: 56 Resp: 210817

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 85.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.607 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

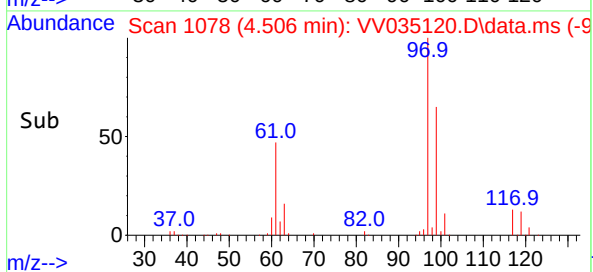
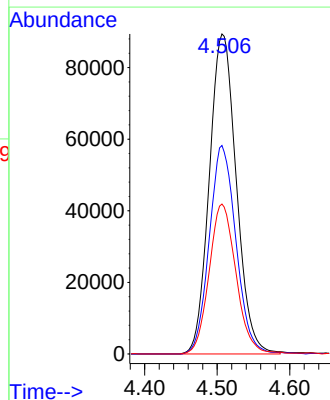
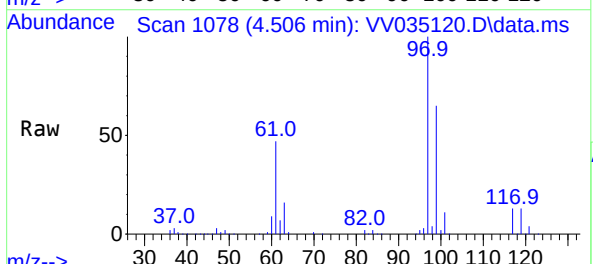
Tgt Ion: 97 Resp: 231275

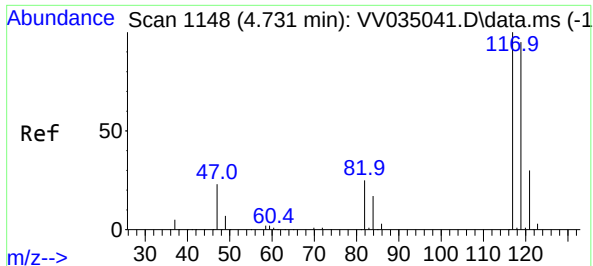
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 46.7 36.8 55.2

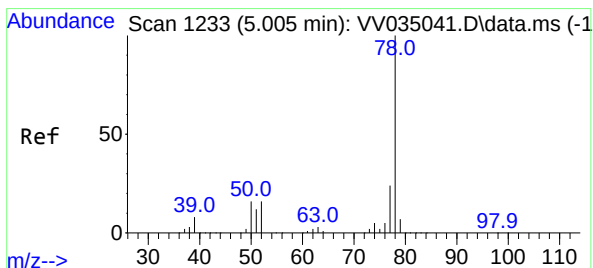
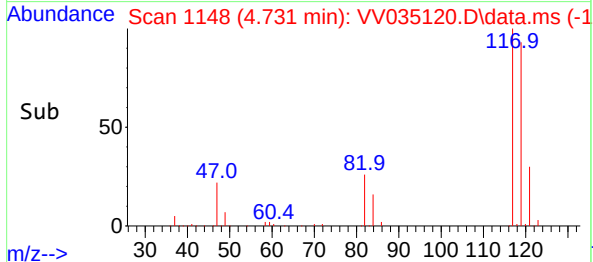
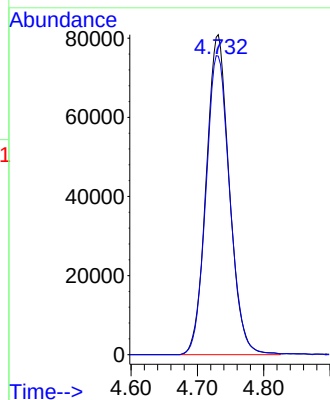
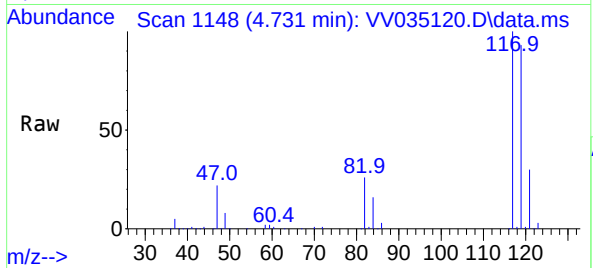




#31
Carbon tetrachloride
Concen: 52.641 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

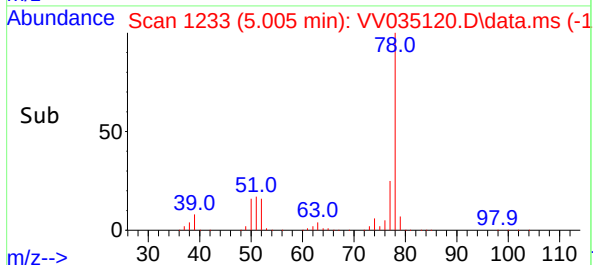
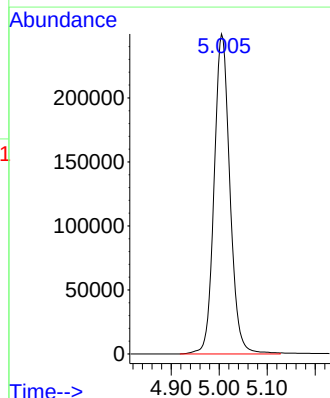
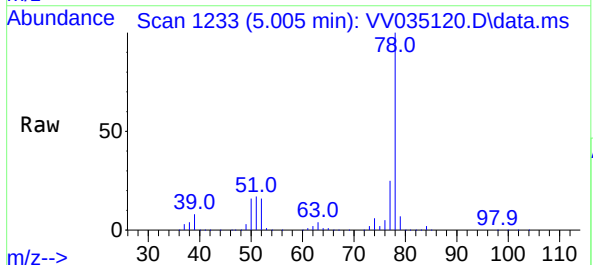
Instrument :
MSVOA_V
ClientSampleId :

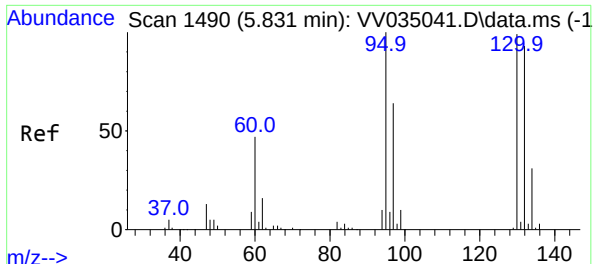
Tgt Ion:117 Resp: 196152
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 51.975 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 78 Resp: 571613

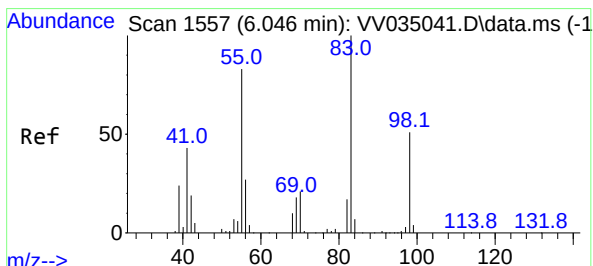
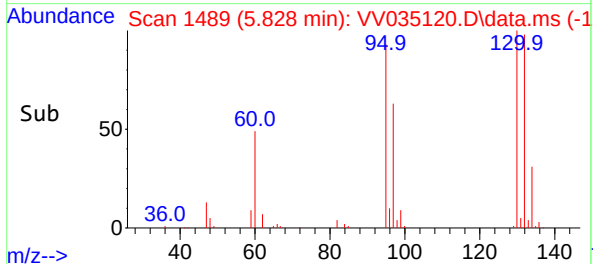
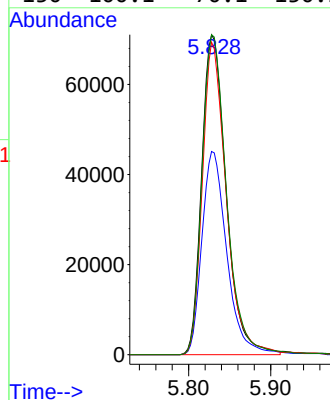
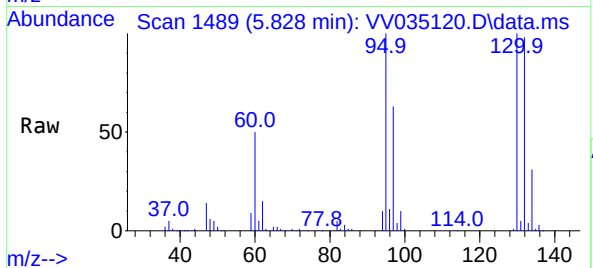




#34
Trichloroethene
Concen: 49.576 ug/L
RT: 5.828 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

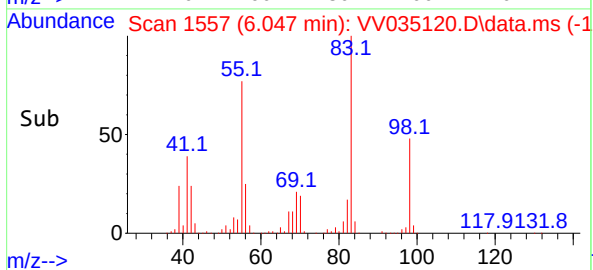
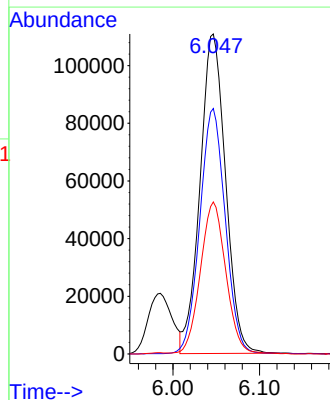
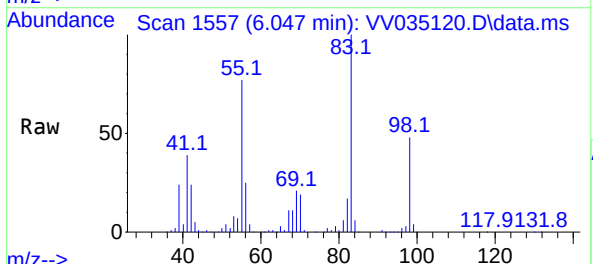
Instrument :
MSVOA_V
ClientSampleId :

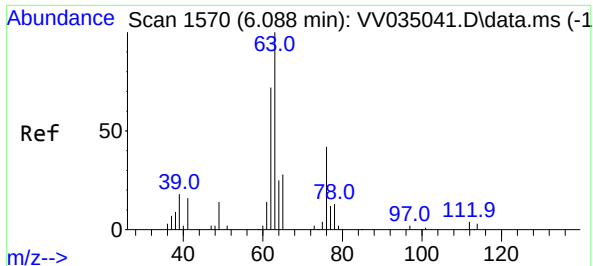
Tgt Ion: 95 Resp: 147145
Ion Ratio Lower Upper
95 100
97 63.5 45.3 84.1
132 97.7 65.3 121.3
130 100.1 70.1 130.3



#35
Methylcyclohexane
Concen: 50.704 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 83 Resp: 227276
Ion Ratio Lower Upper
83 100
55 76.6 60.0 90.0
98 47.5 37.6 56.4

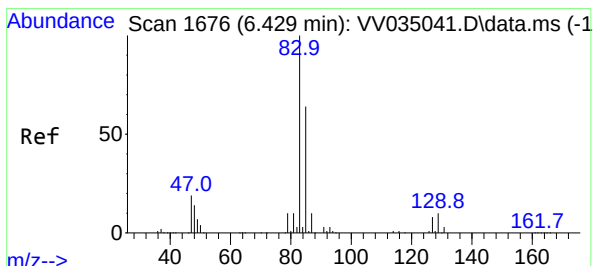
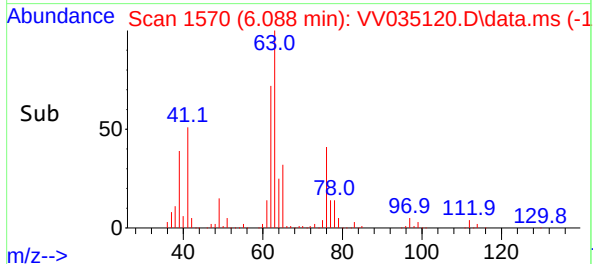
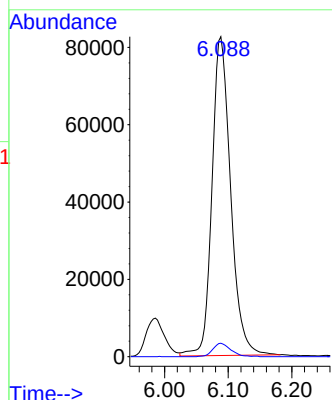
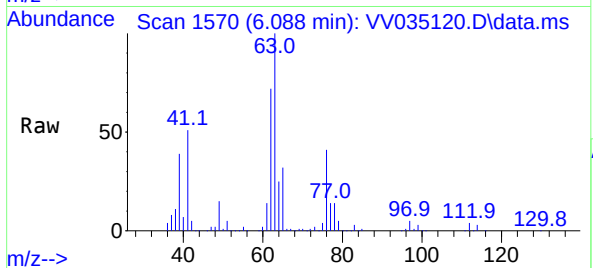




#37
1,2-Dichloropropane
Concen: 55.202 ug/L
RT: 6.088 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

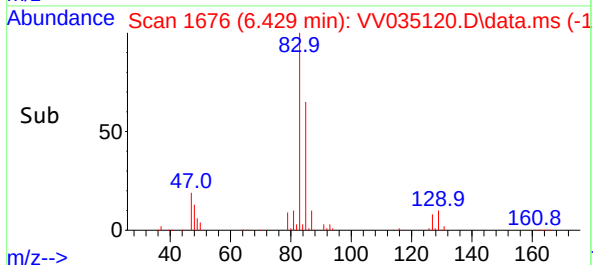
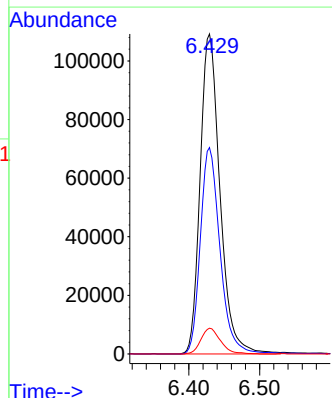
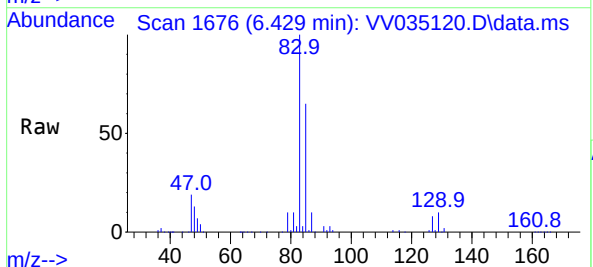
Instrument :
MSVOA_V
ClientSampleId :

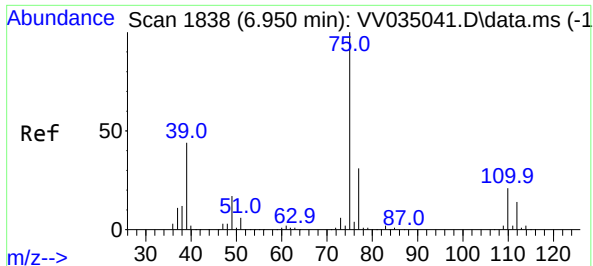
Tgt Ion: 63 Resp: 167773
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 54.143 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 83 Resp: 212314
Ion Ratio Lower Upper
83 100
85 64.5 43.7 81.1
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 52.785 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

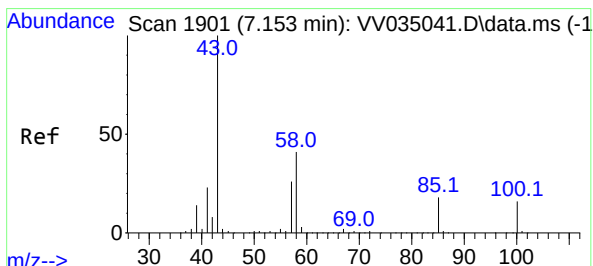
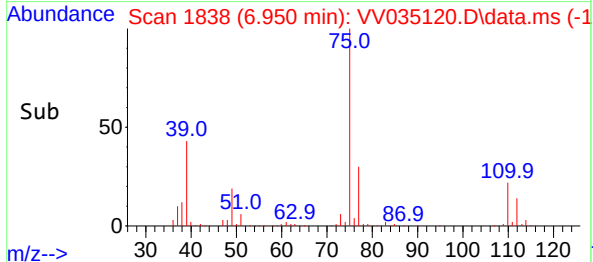
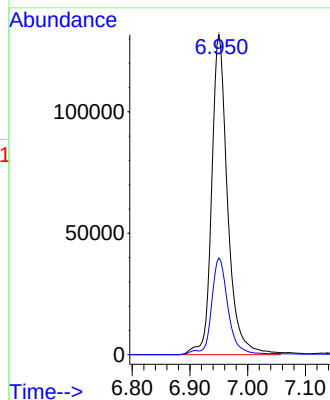
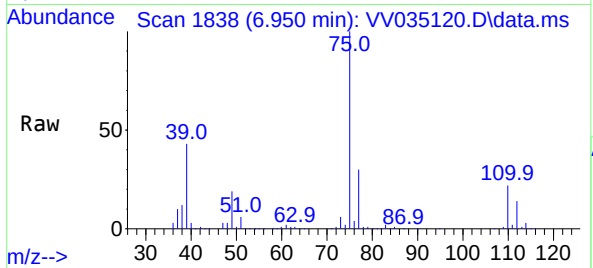
ClientSampleId :

Tgt Ion: 75 Resp: 252725

Ion Ratio Lower Upper

75 100

77 30.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 114.054 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

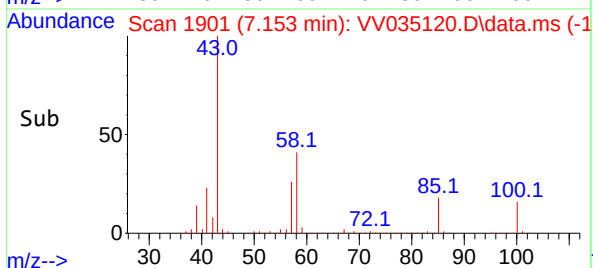
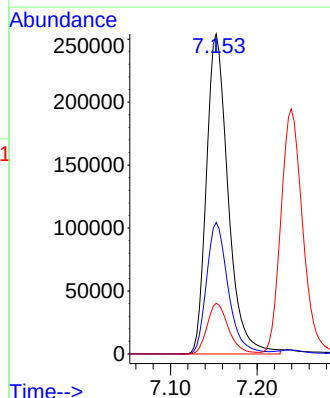
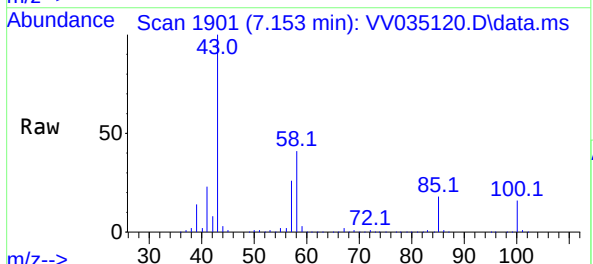
Tgt Ion: 43 Resp: 442578

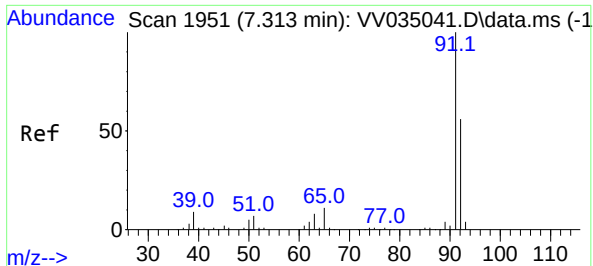
Ion Ratio Lower Upper

43 100

58 41.1 33.8 50.8

100 15.5 13.0 19.4





#42

Toluene

Concen: 52.619 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

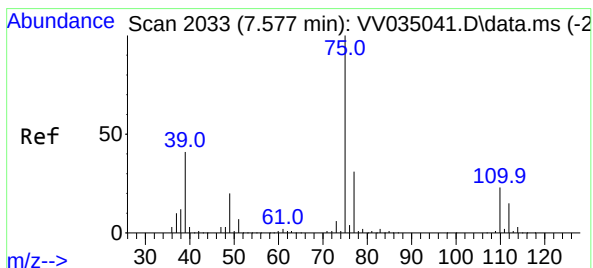
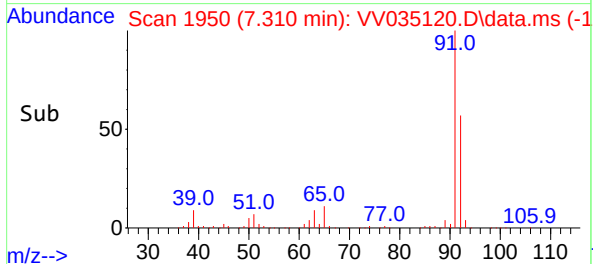
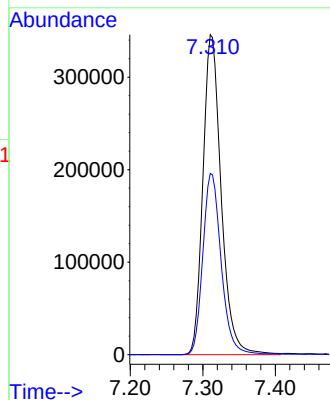
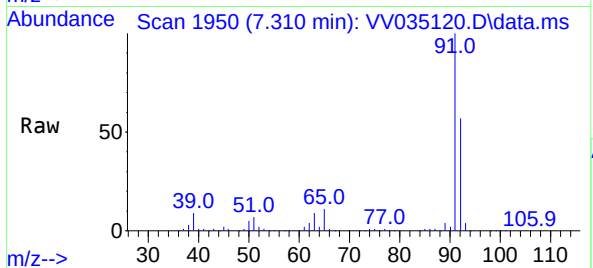
ClientSampleId :

Tgt Ion: 91 Resp: 605853

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.017 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035120.D

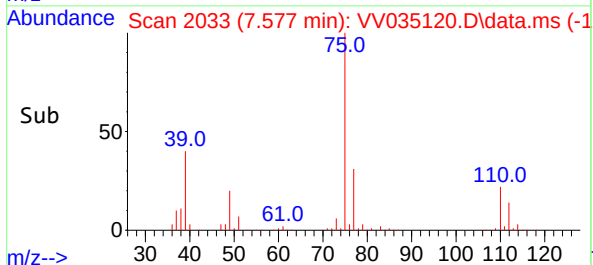
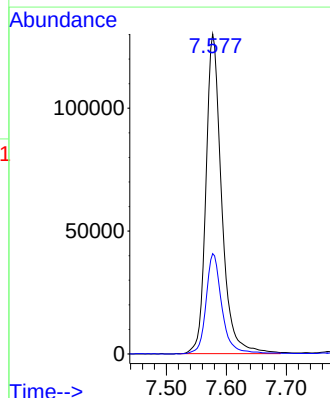
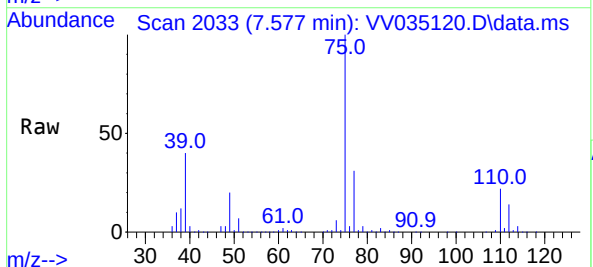
Acq: 11 Apr 2024 09:36

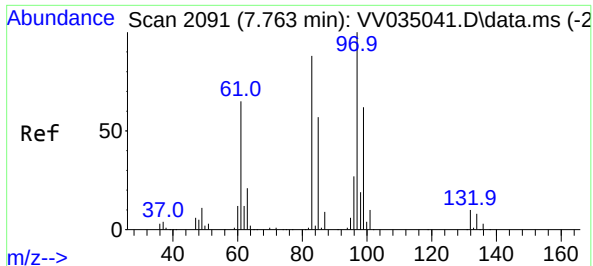
Tgt Ion: 75 Resp: 237601

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



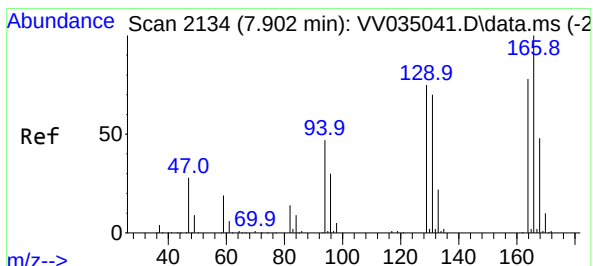
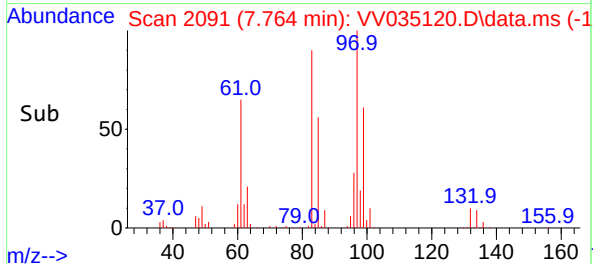
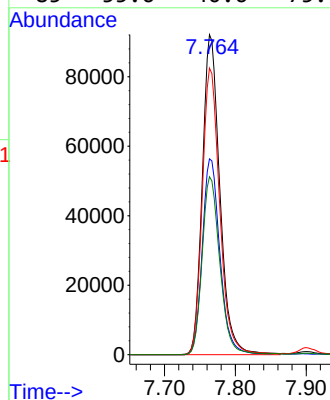
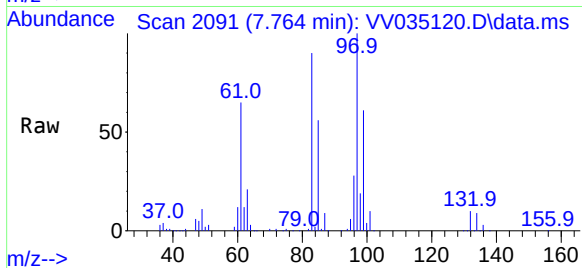


#45
1,1,2-Trichloroethane
Concen: 55.299 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 158412

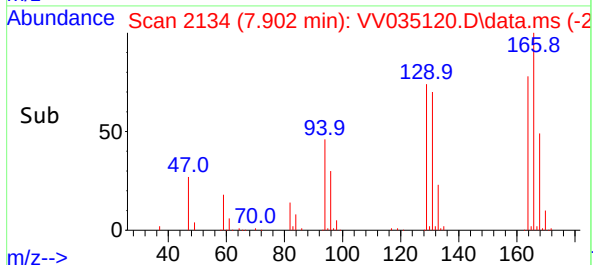
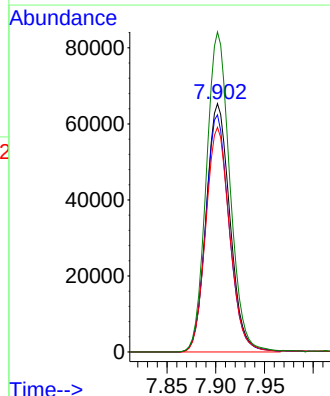
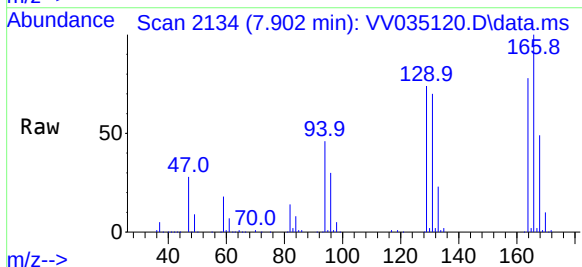
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.3
83	89.6	61.6	114.4
85	55.6	40.6	75.4

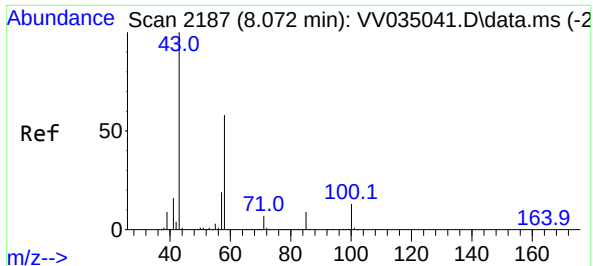


#46
Tetrachloroethene
Concen: 53.620 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 164 Resp: 111185

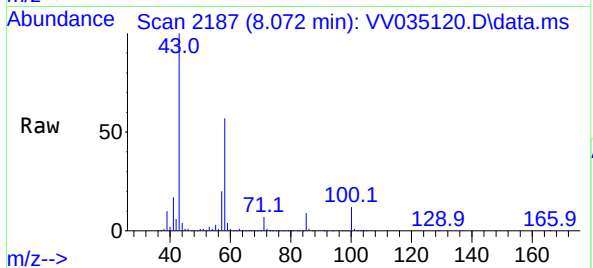
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.6	127.4
131	90.5	65.7	122.1
166	128.9	89.0	165.2



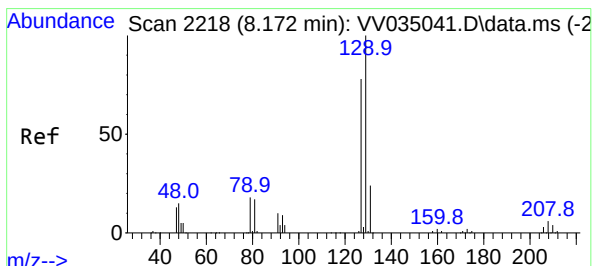
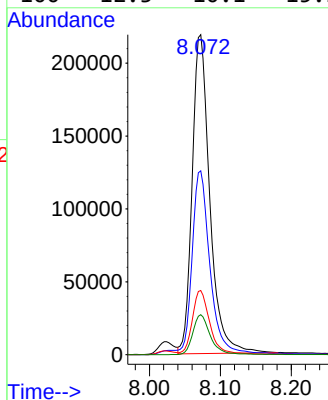
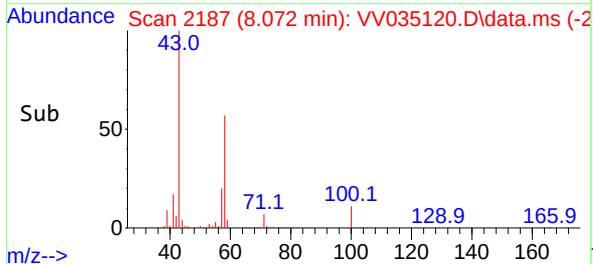


#48
2-Hexanone
Concen: 114.730 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

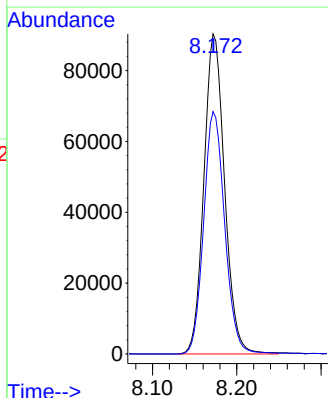
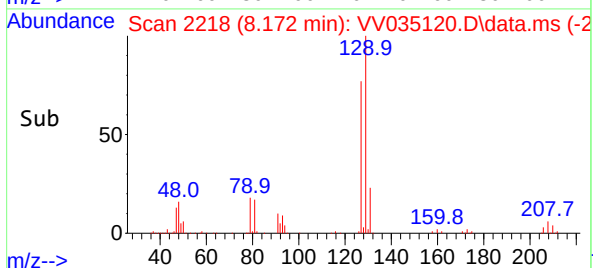
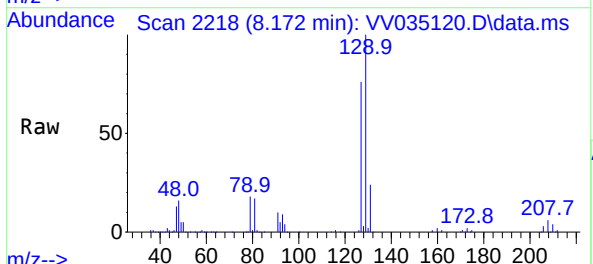


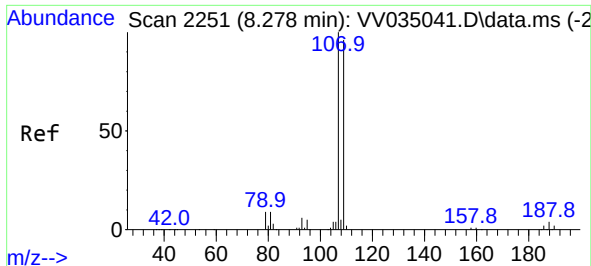
Tgt Ion: 43 Resp: 378647
Ion Ratio Lower Upper
43 100
58 56.7 45.4 68.2
57 19.8 16.2 24.4
100 12.3 10.1 15.1



#49
Dibromochloromethane
Concen: 54.410 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

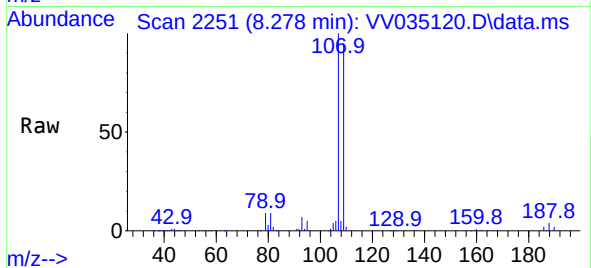
Tgt Ion: 129 Resp: 154373
Ion Ratio Lower Upper
129 100
127 75.7 54.1 100.5



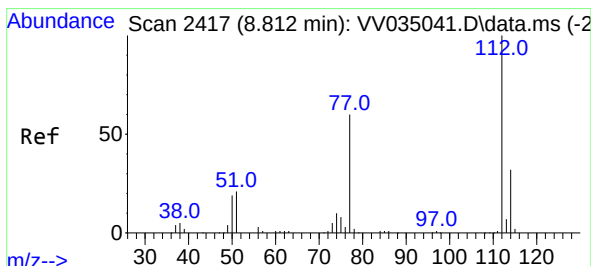
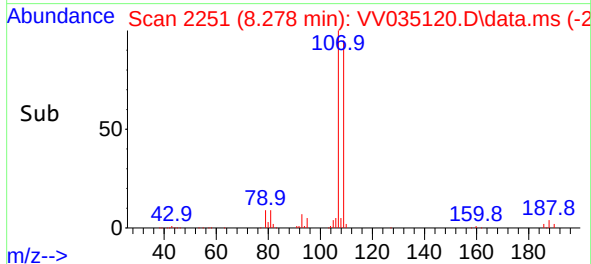
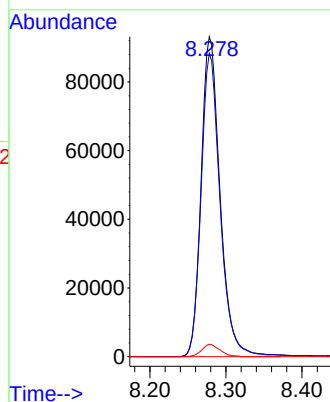


#50
1,2-Dibromoethane
Concen: 52.507 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

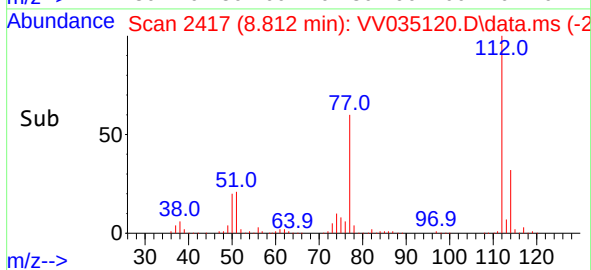
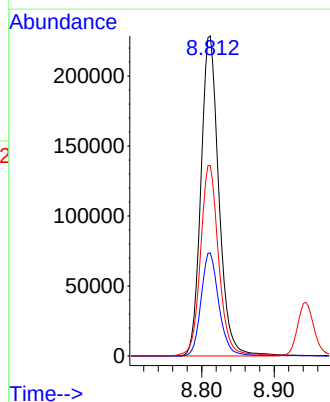
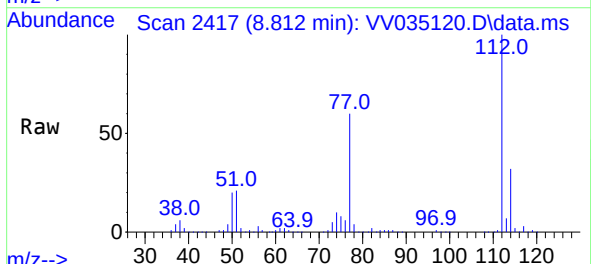


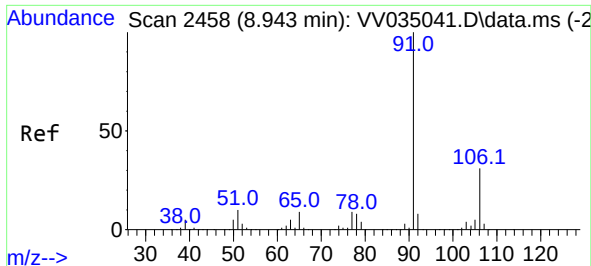
Tgt Ion:107 Resp: 161936
Ion Ratio Lower Upper
107 100
109 94.8 64.5 119.9
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 52.705 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion:112 Resp: 393310
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 59.5 47.4 71.2

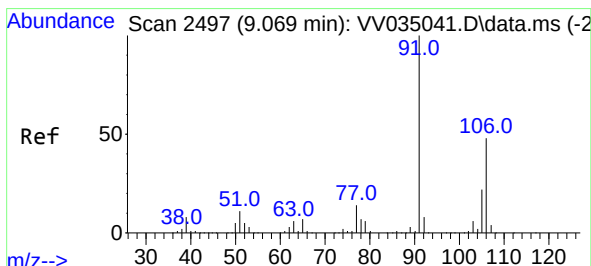
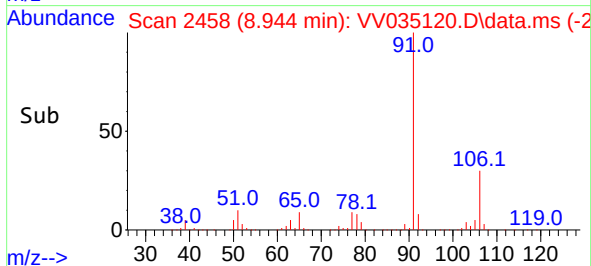
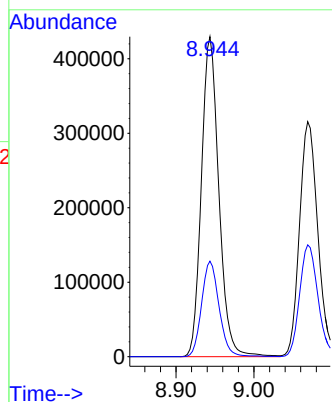
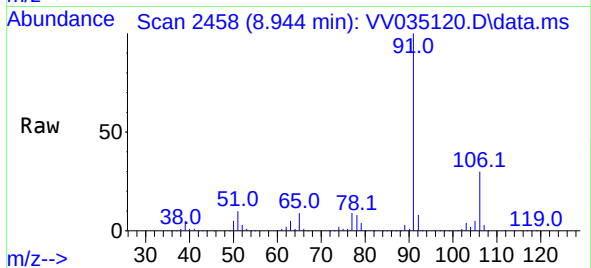




#52
Ethylbenzene
Concen: 52.344 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

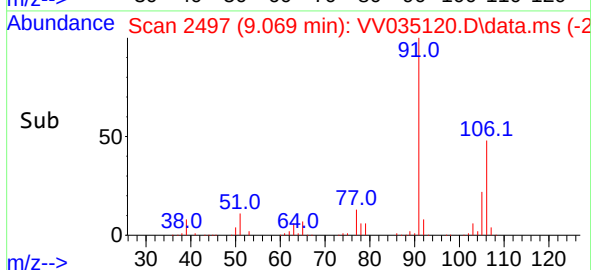
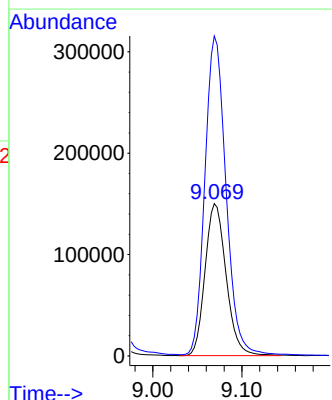
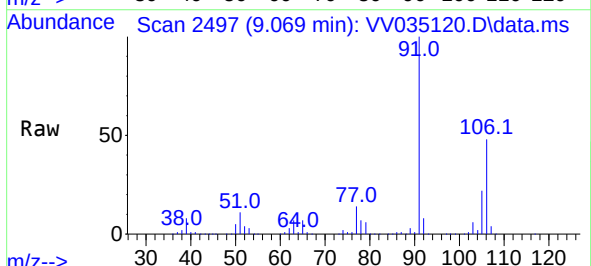
Instrument :
MSVOA_V
ClientSampleId :

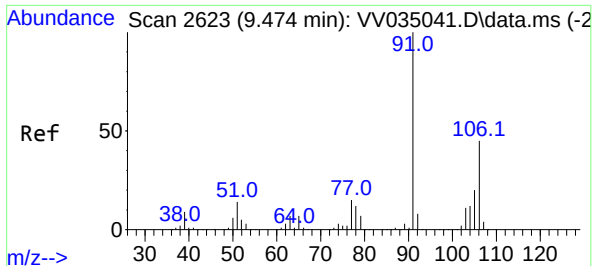
Tgt Ion: 91 Resp: 667945
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 52.379 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion: 106 Resp: 246145
Ion Ratio Lower Upper
106 100
91 210.0 144.8 269.0

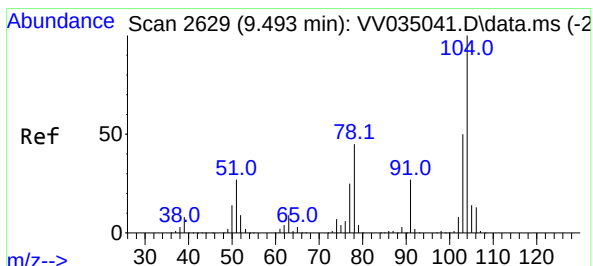
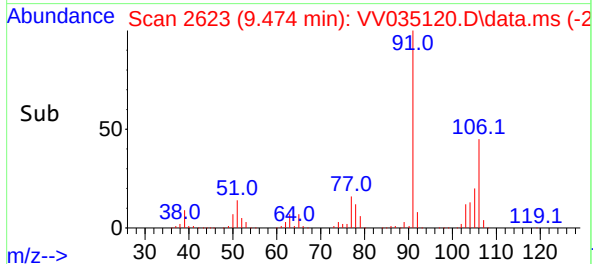
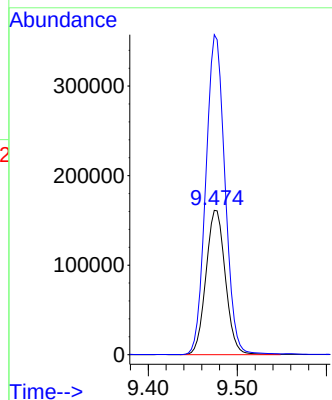
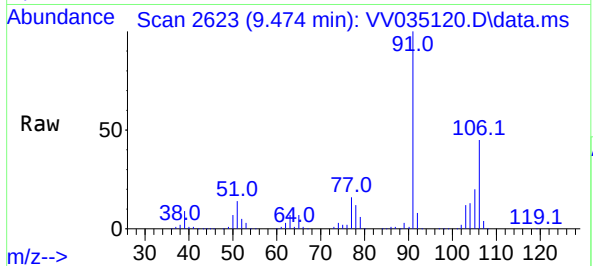




#54
o-Xylene
Concen: 52.444 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

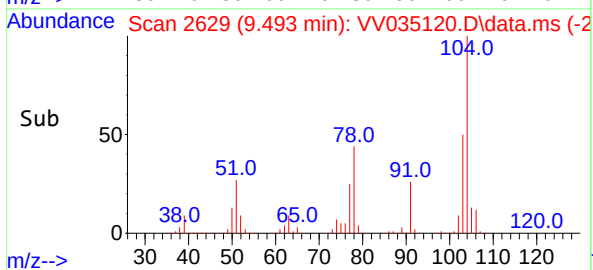
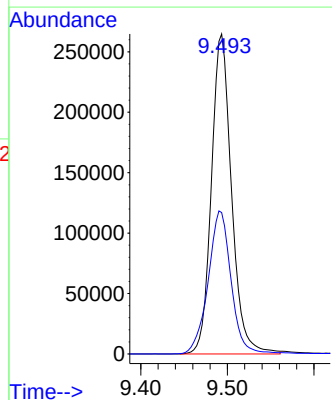
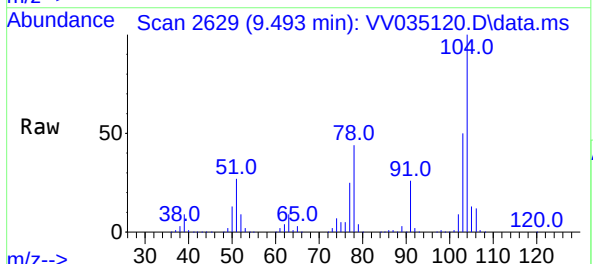
Instrument :
MSVOA_V
ClientSampleId :

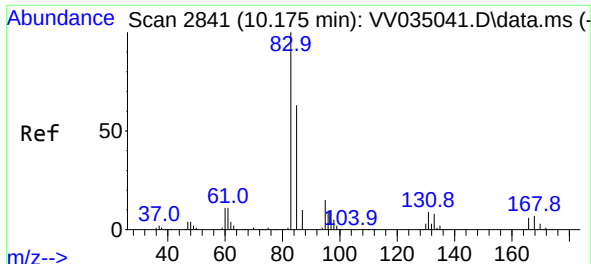
Tgt Ion:106 Resp: 243848
Ion Ratio Lower Upper
106 100
91 221.6 151.3 280.9



#55
Styrene
Concen: 54.459 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion:104 Resp: 427914
Ion Ratio Lower Upper
104 100
78 44.2 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 56.212 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

ClientSampleId :

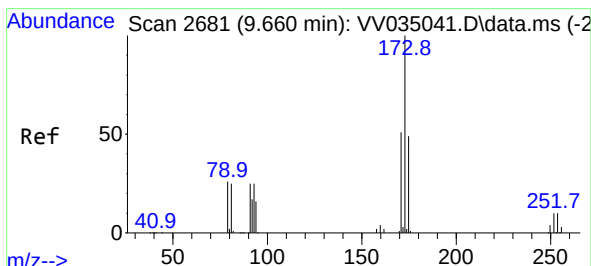
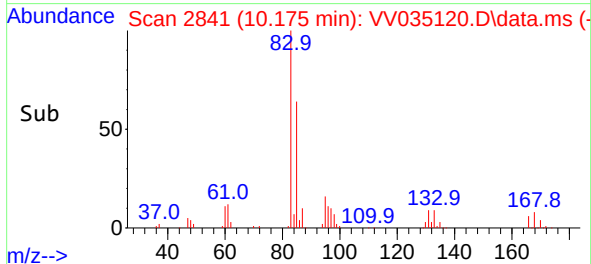
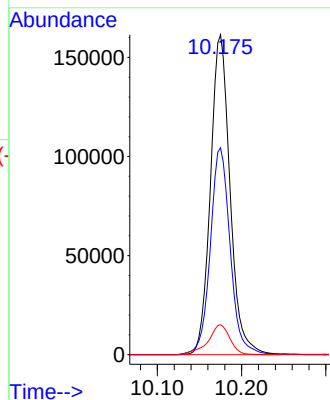
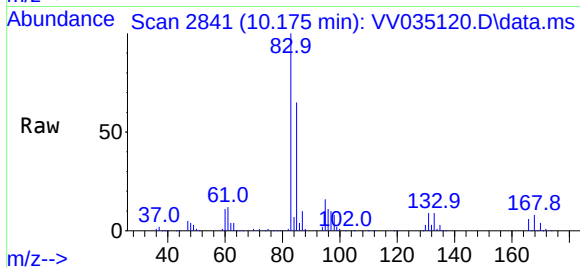
Tgt Ion: 83 Resp: 260900

Ion Ratio Lower Upper

83 100

85 64.7 44.5 82.7

131 9.4 6.9 10.3



#59

Bromoform

Concen: 55.099 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

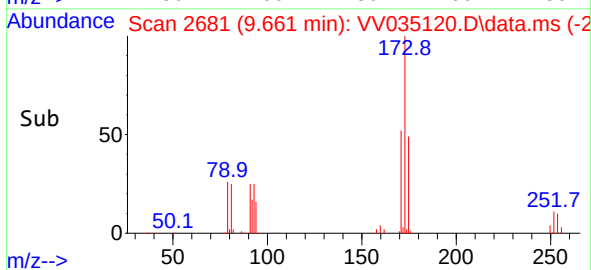
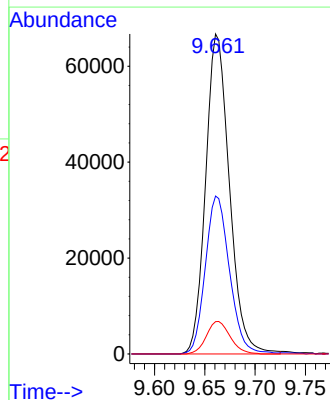
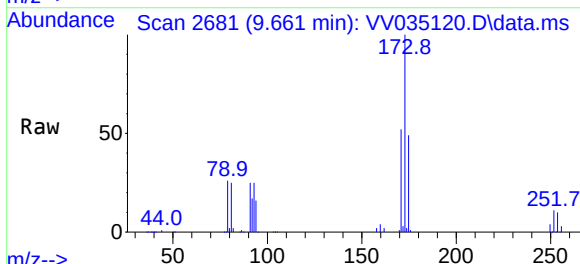
Tgt Ion: 173 Resp: 109817

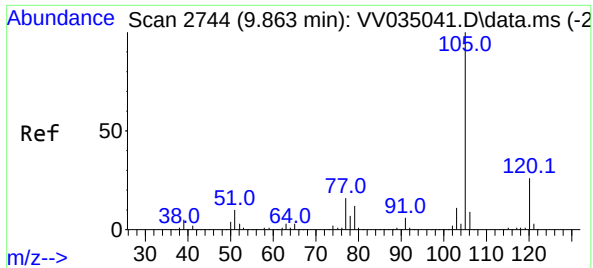
Ion Ratio Lower Upper

173 100

175 50.2 39.3 58.9

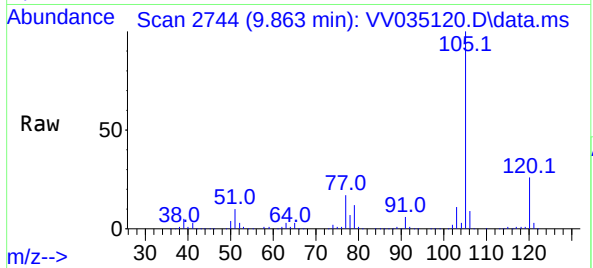
254 10.2 7.5 11.3



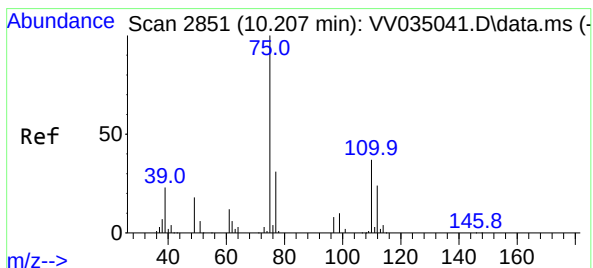
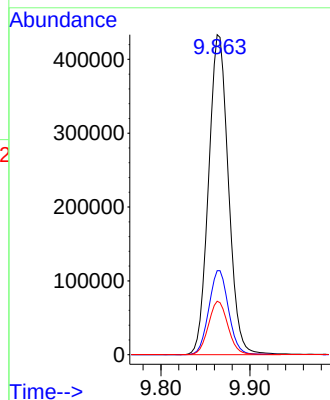
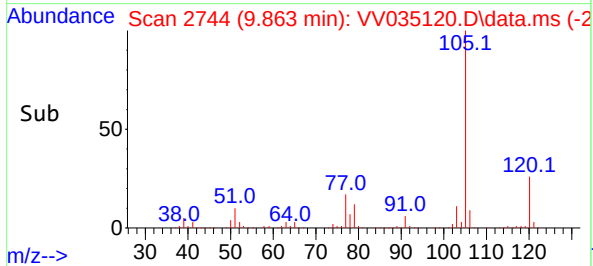


#60
Isopropylbenzene
Concen: 53.326 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

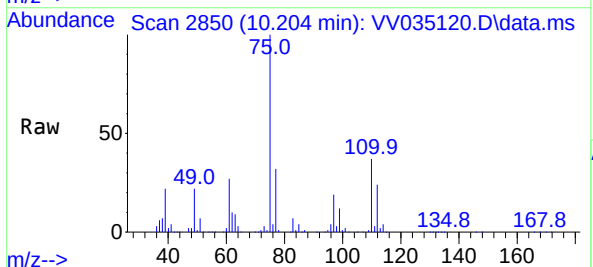
Instrument :
MSVOA_V
ClientSampleId :



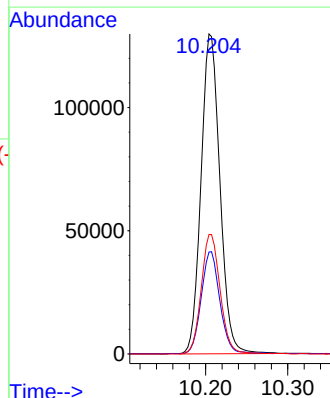
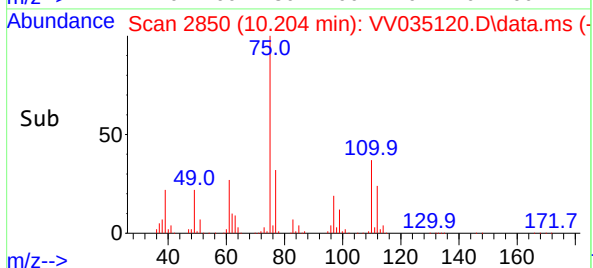
Tgt Ion:105 Resp: 668617
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 16.5 13.1 19.7

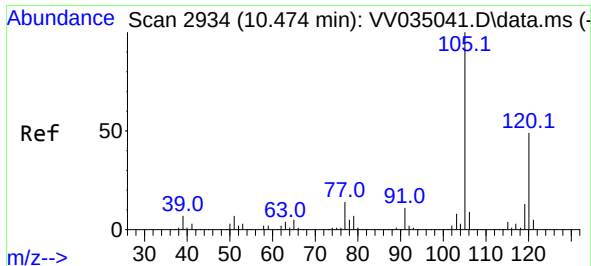


#61
1,2,3-Trichloropropane
Concen: 54.984 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36



Tgt Ion: 75 Resp: 207221
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 37.4 30.5 45.7

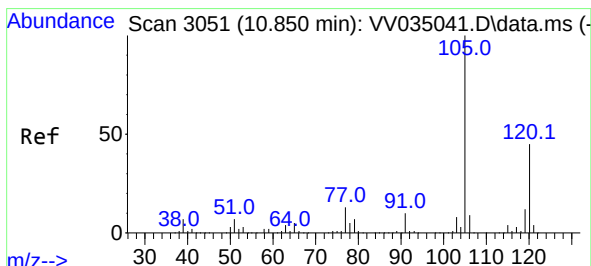
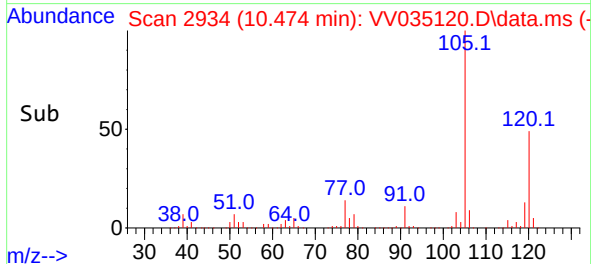
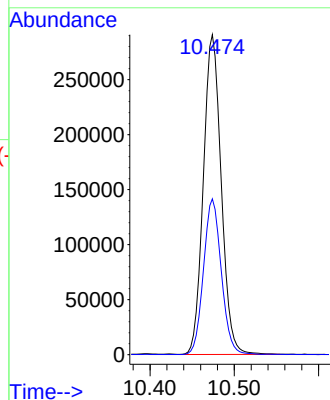
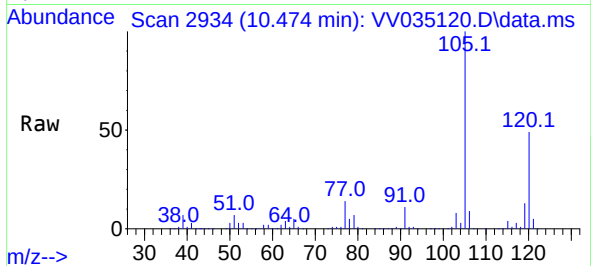




#62
1,3,5-Trimethylbenzene
Concen: 52.855 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

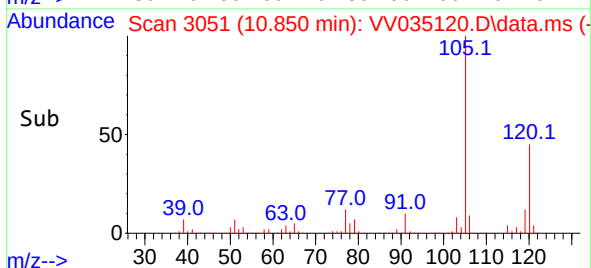
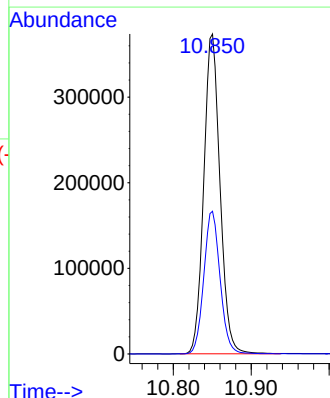
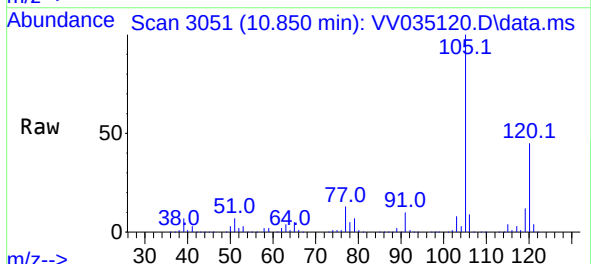
Instrument :
MSVOA_V
ClientSampleId :

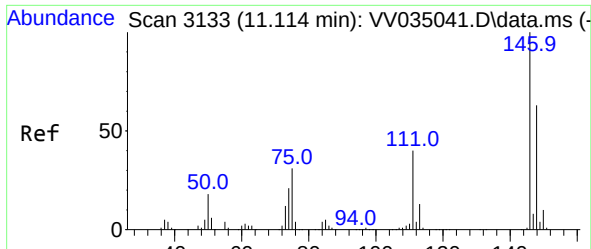
Tgt Ion:105 Resp: 430394
Ion Ratio Lower Upper
105 100
120 48.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 53.712 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

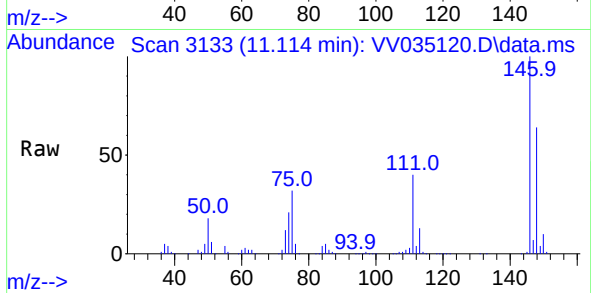
Tgt Ion:105 Resp: 540757
Ion Ratio Lower Upper
105 100
120 44.7 35.9 53.9



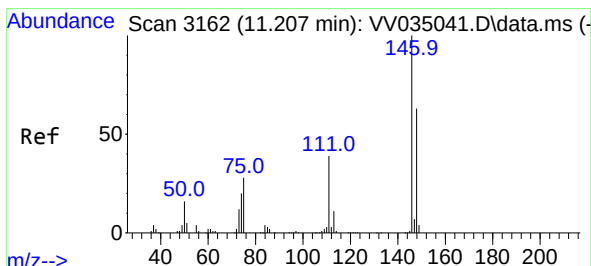
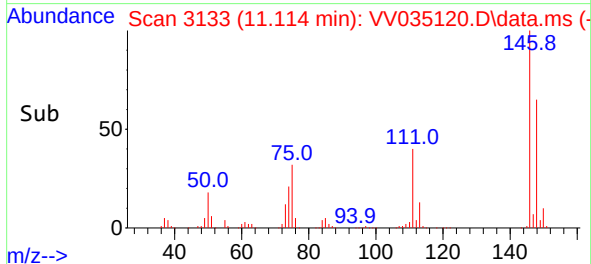
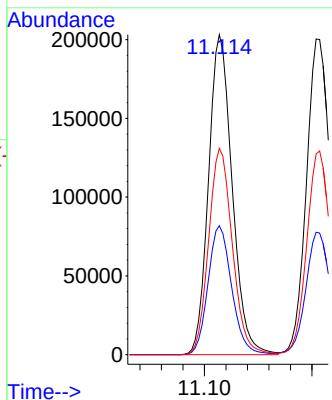


#64
1,3-Dichlorobenzene
Concen: 53.023 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

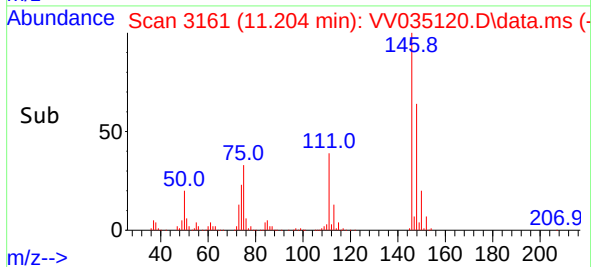
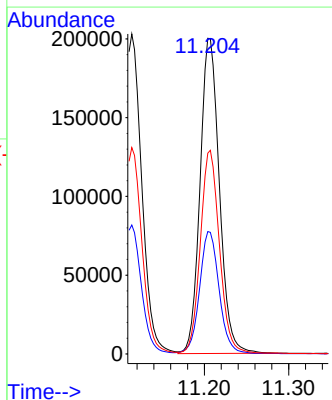
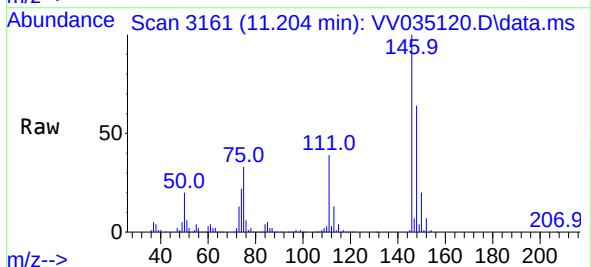


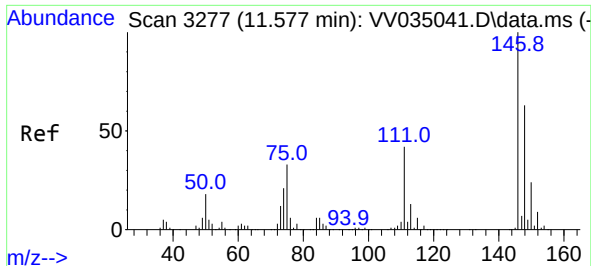
Tgt Ion:146 Resp: 310679
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 64.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 53.656 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.003 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion:146 Resp: 319712
Ion Ratio Lower Upper
146 100
111 38.8 27.4 50.8
148 63.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 54.865 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

Instrument :

MSVOA_V

ClientSampleId :

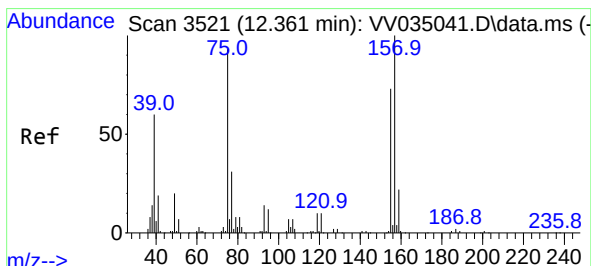
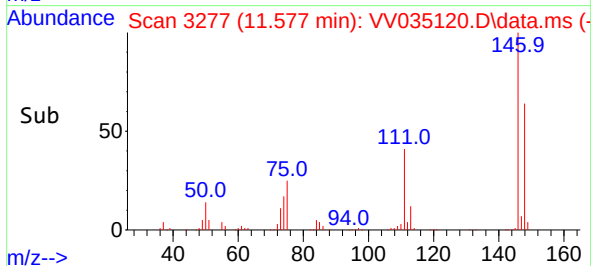
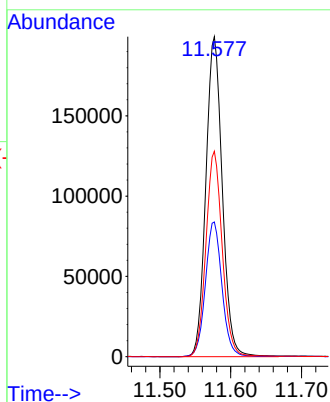
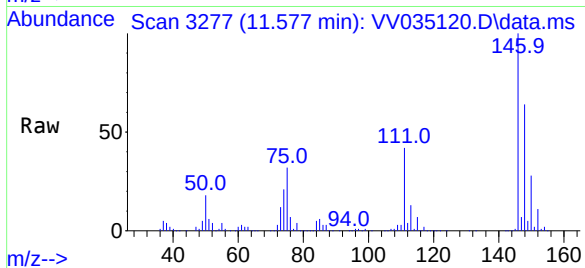
Tgt Ion:146 Resp: 320245

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.286 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035120.D

Acq: 11 Apr 2024 09:36

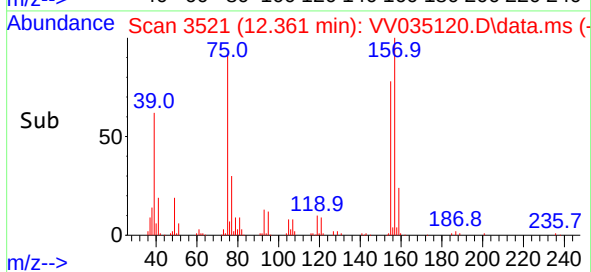
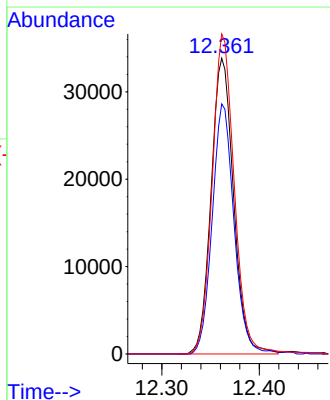
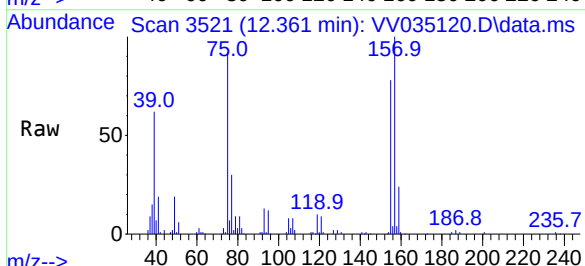
Tgt Ion: 75 Resp: 54288

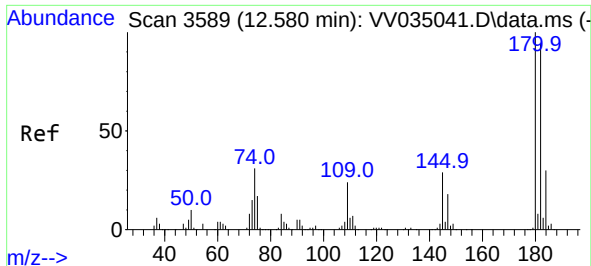
Ion Ratio Lower Upper

75 100

155 84.6 63.0 94.6

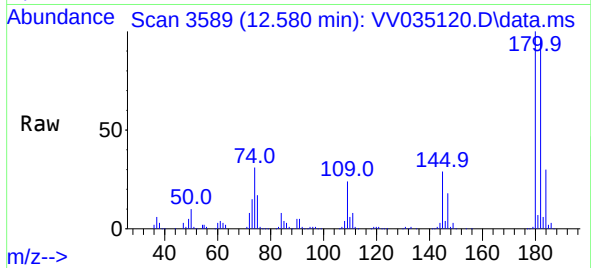
157 108.2 81.0 121.4



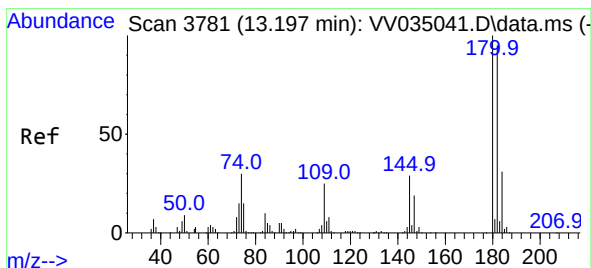
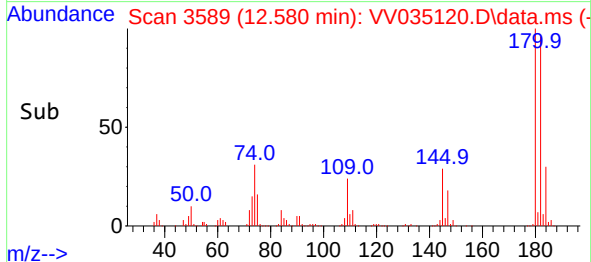
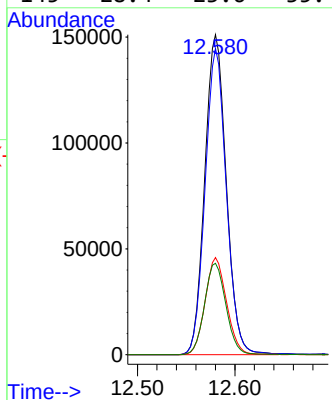


#69
 1,3,5-Trichlorobenzene
 Concen: 54.853 ug/L
 RT: 12.580 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035120.D
 Acq: 11 Apr 2024 09:36

Instrument :
 MSVOA_V
 ClientSampleId :

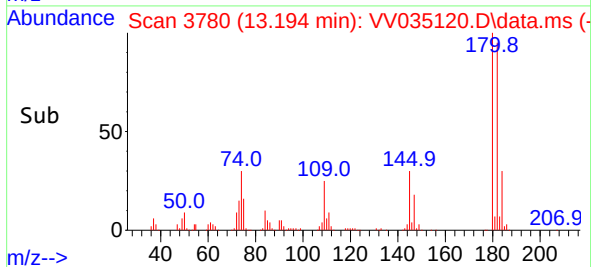
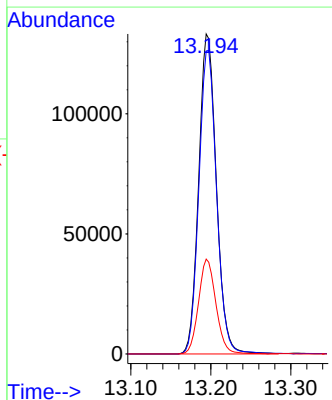
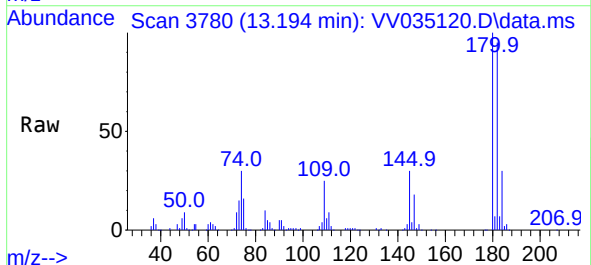


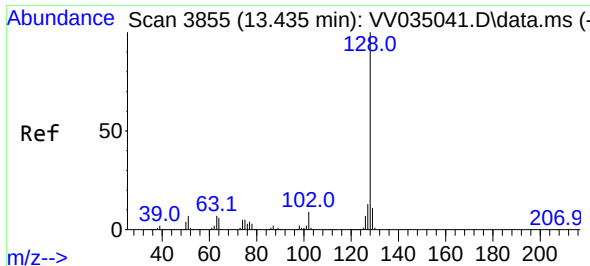
Tgt Ion:180 Resp: 231638
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.7 112.1
 184 30.3 24.0 36.0
 145 28.4 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.862 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV035120.D
 Acq: 11 Apr 2024 09:36

Tgt Ion:180 Resp: 205051
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 145 29.1 24.1 36.1

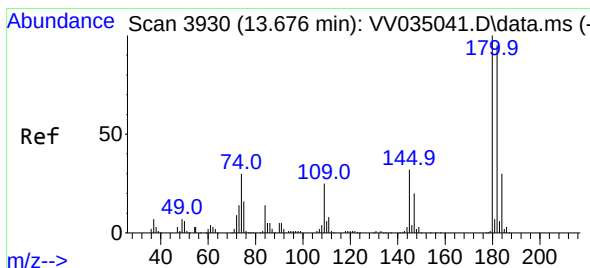
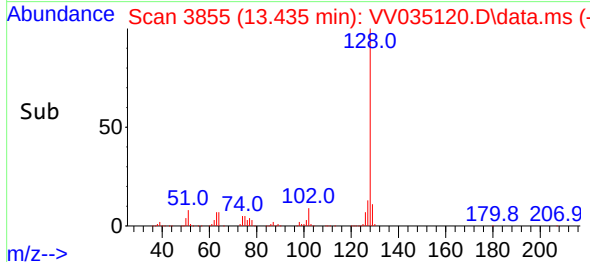
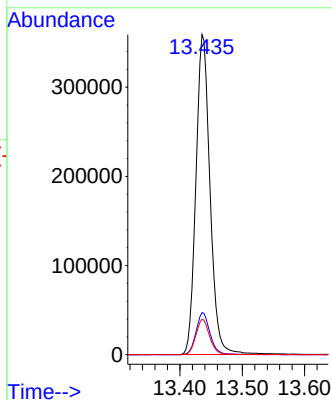
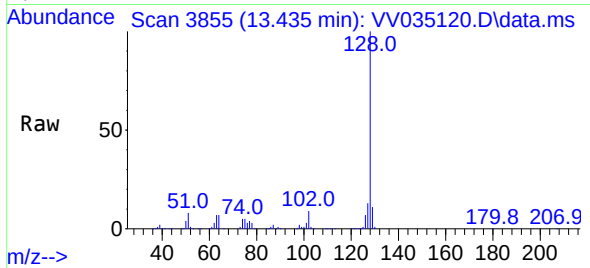




#71
Naphthalene
Concen: 52.315 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 563015
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 56.144 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV035120.D
Acq: 11 Apr 2024 09:36

Tgt Ion:180 Resp: 214674
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 31.3 25.8 38.6

