

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035290.D
 Acq On : 18 Apr 2024 18:02
 Operator : SY/MD
 Sample : P2157-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:44:11 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)

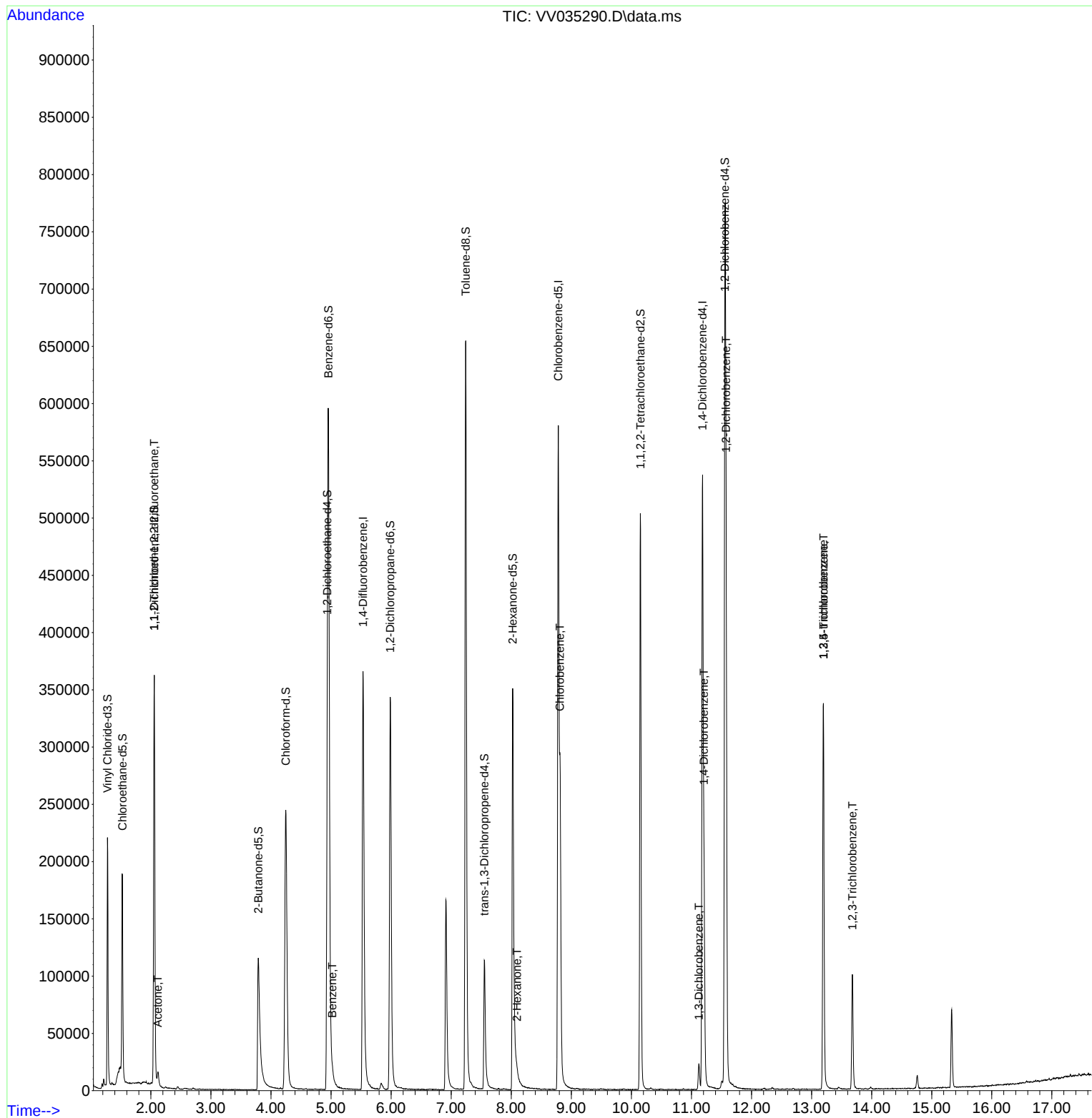
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326806	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309822	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	135640	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145128	45.983	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.960%		
7) Chloroethane-d5	1.526	69	121515	44.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.660%		
11) 1,1-Dichloroethene-d2	2.056	65	60875	44.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.000%		
21) 2-Butanone-d5	3.789	46	201481	107.638	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.640%		
24) Chloroform-d	4.246	84	271294	51.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.240%		
26) 1,2-Dichloroethane-d4	4.937	65	171954	51.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.080%		
32) Benzene-d6	4.957	84	539782	51.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.740%		
36) 1,2-Dichloropropane-d6	5.985	67	178251	53.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.880%		
41) Toluene-d8	7.243	98	456604	48.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.440%		
43) trans-1,3-Dichloroprop...	7.551	79	74656	46.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.940%		
47) 2-Hexanone-d5	8.024	63	126504	101.246	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.250%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	244695	53.769	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.540%		
66) 1,2-Dichlorobenzene-d4	11.558	152	171397	56.280	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.560%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1838	0.717	ug/L #	23
13) Acetone	2.117	43	10021	5.831	ug/L	98
33) Benzene	5.018	78	11408	1.129	ug/L	100
48) 2-Hexanone	8.095	43	11788	3.888	ug/L #	70
51) Chlorobenzene	8.812	112	156043	22.763	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	10299	2.254	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	75643	16.278	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	165022	36.251	ug/L	97
69) 1,3,5-Trichlorobenzene	13.197	180	107303	32.581	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	107303	35.470	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	32208	10.801	ug/L	99

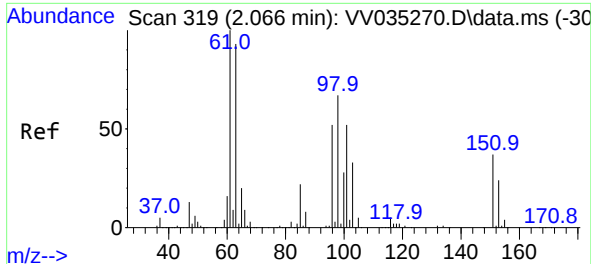
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 01:44:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
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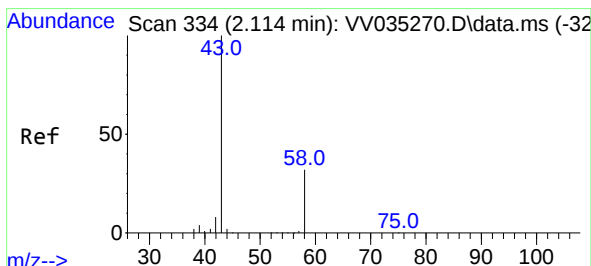
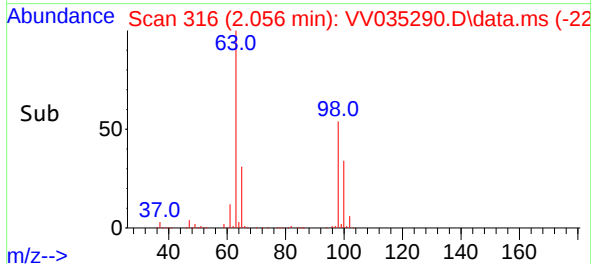
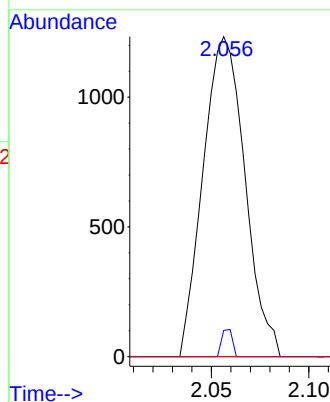
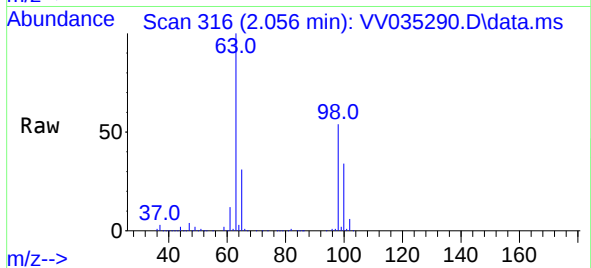




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

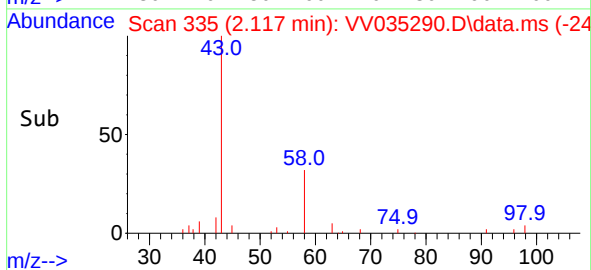
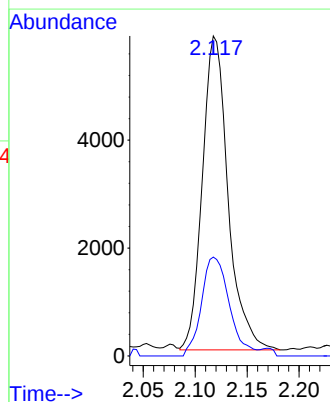
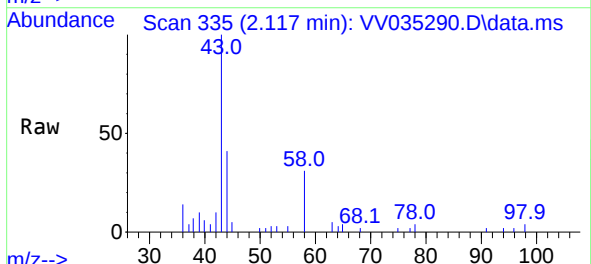
Instrument :
MSVOA_V
ClientSampleId :

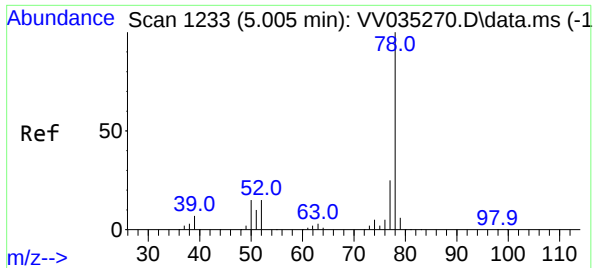
Tgt Ion:101 Resp: 1838
Ion Ratio Lower Upper
101 100
85 2.2 35.3 52.9#
151 0.0 55.0 82.4#



#13
Acetone
Concen: 5.831 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

Tgt Ion: 43 Resp: 10021
Ion Ratio Lower Upper
43 100
58 34.0 0.0 66.0

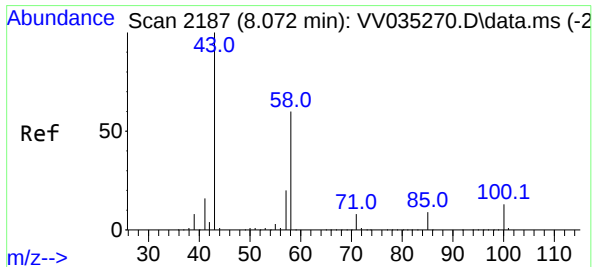
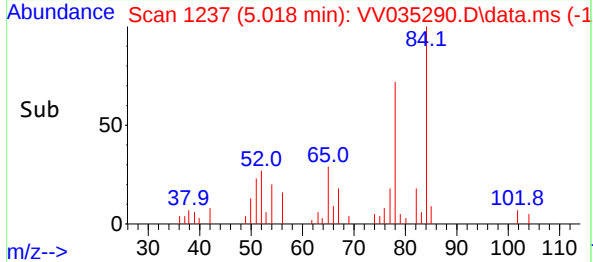
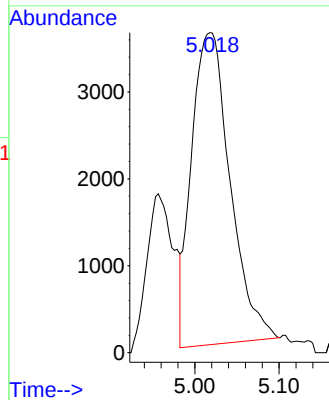
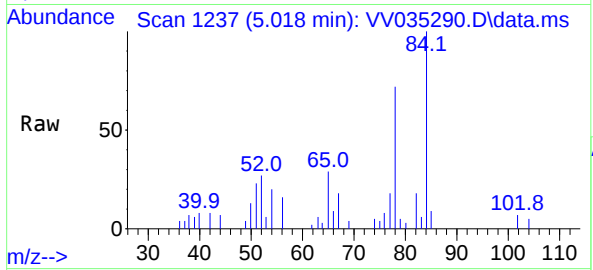




#33
Benzene
Concen: 1.129 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

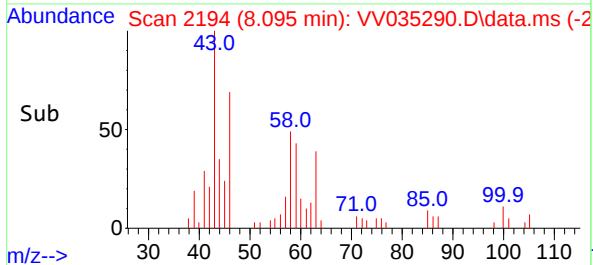
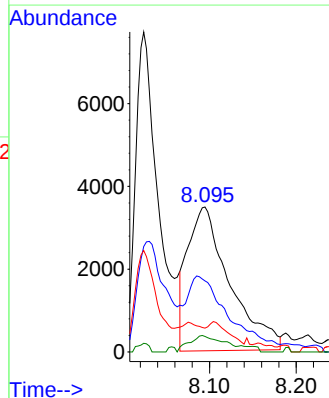
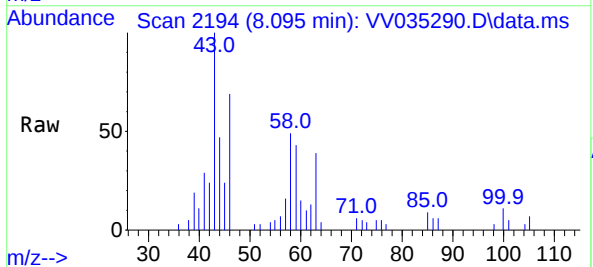
Instrument :
MSVOA_V
ClientSampleId :

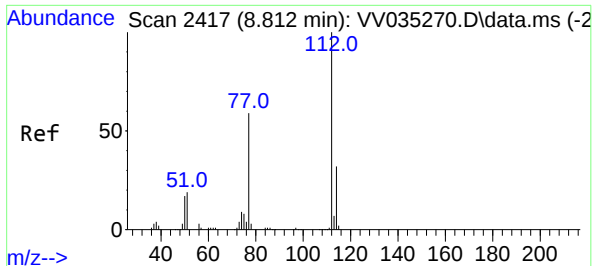
Tgt Ion: 78 Resp: 11408



#48
2-Hexanone
Concen: 3.888 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.022 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

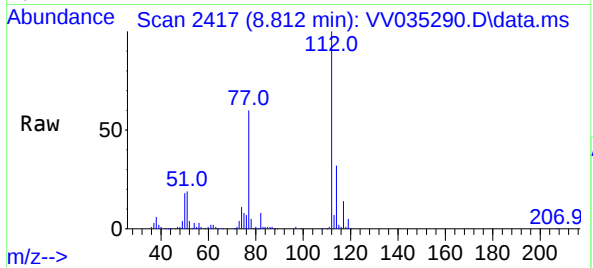
Tgt Ion: 43 Resp: 11788
Ion Ratio Lower Upper
43 100
58 32.0 45.4 68.2#
57 6.2 16.2 24.4#
100 7.3 10.1 15.1#



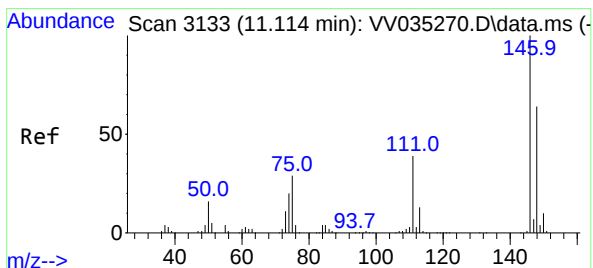
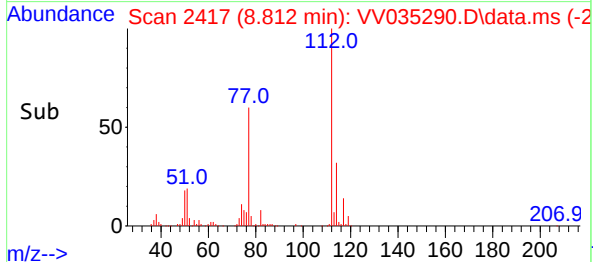
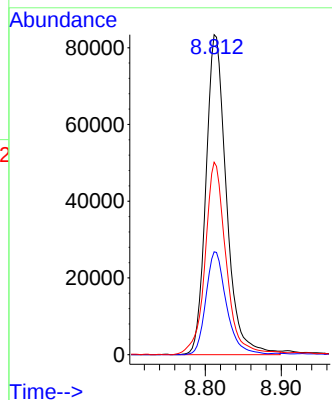


#51
Chlorobenzene
Concen: 22.763 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

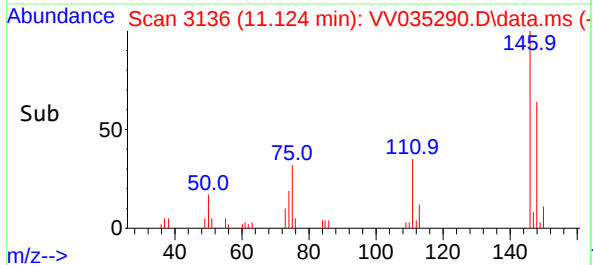
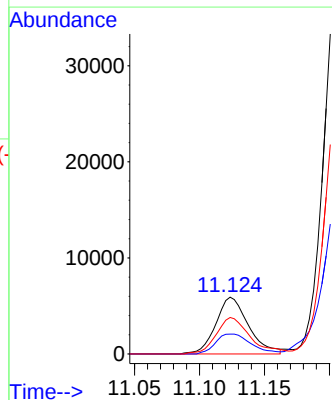
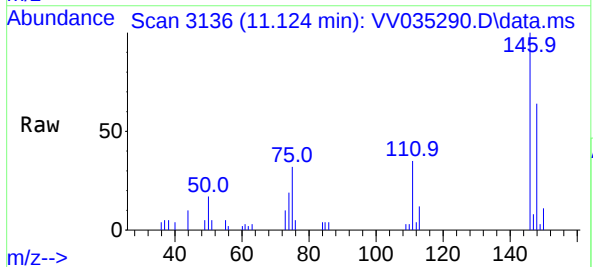


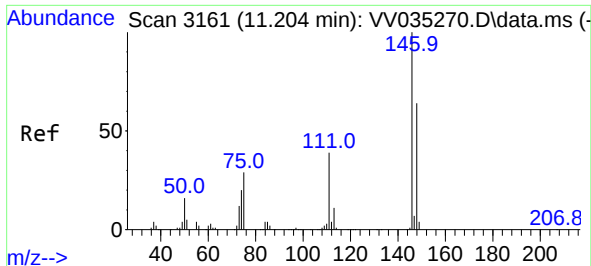
Tgt Ion:112 Resp: 156043
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 60.1 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 2.254 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

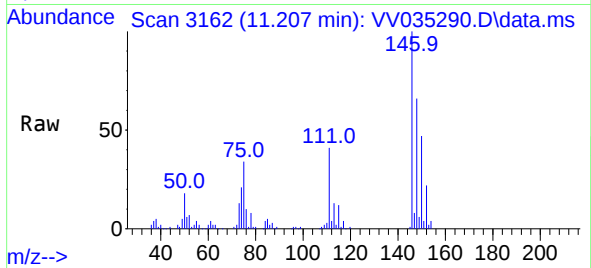
Tgt Ion:146 Resp: 10299
Ion Ratio Lower Upper
146 100
111 34.9 28.7 53.3
148 64.3 44.0 81.8



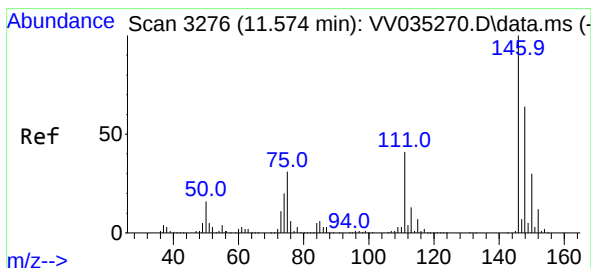
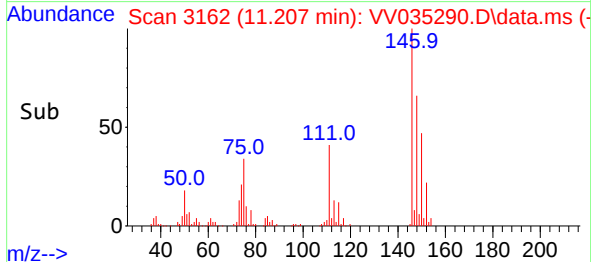
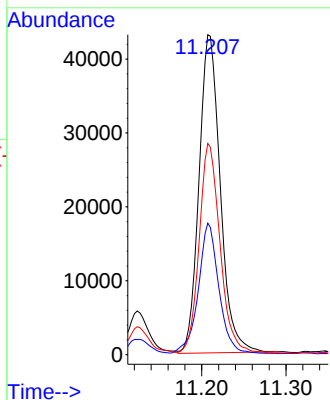


#65
1,4-Dichlorobenzene
Concen: 16.278 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

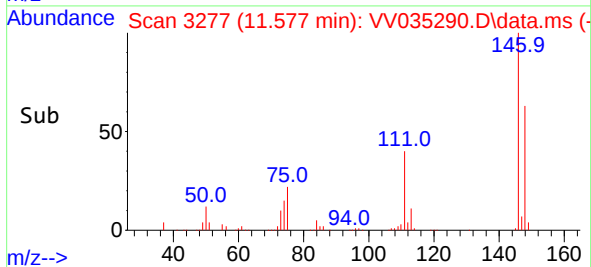
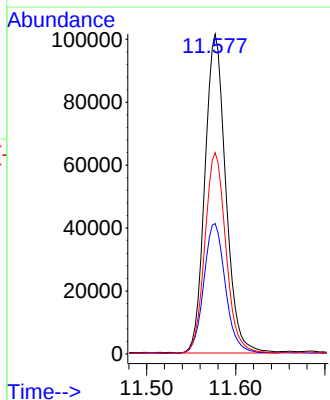
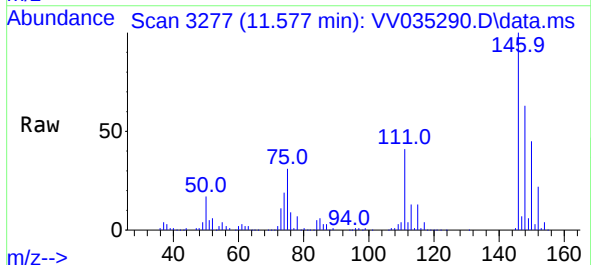


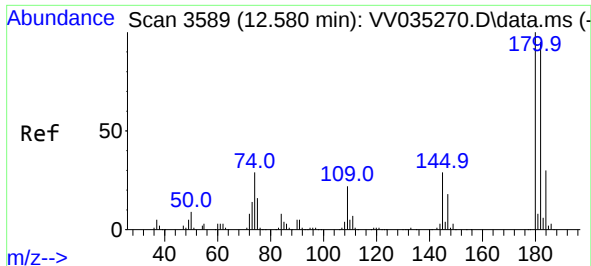
Tgt Ion:146 Resp: 75643
Ion Ratio Lower Upper
146 100
111 41.1 27.4 50.8
148 66.0 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 36.251 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

Tgt Ion:146 Resp: 165022
Ion Ratio Lower Upper
146 100
111 40.8 34.6 52.0
148 62.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 32.581 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.617 min

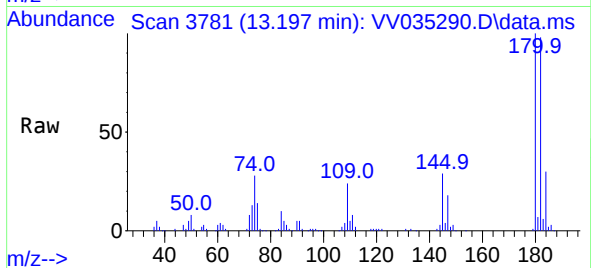
Lab File: VV035290.D

Acq: 18 Apr 2024 18:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 107303

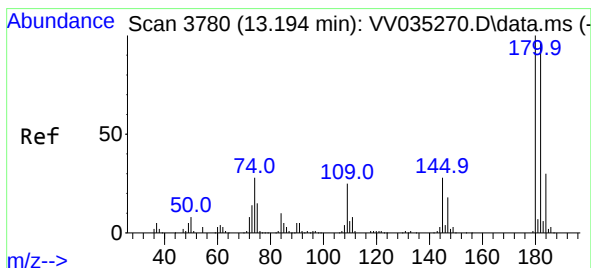
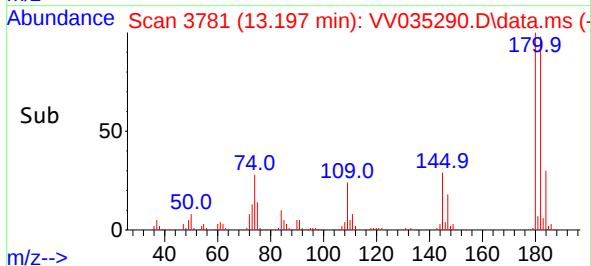
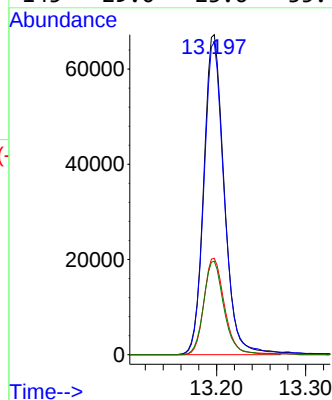
Ion Ratio Lower Upper

180 100

182 97.1 74.7 112.1

184 29.9 24.0 36.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 35.470 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035290.D

Acq: 18 Apr 2024 18:02

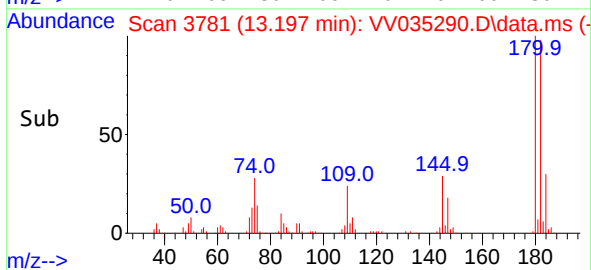
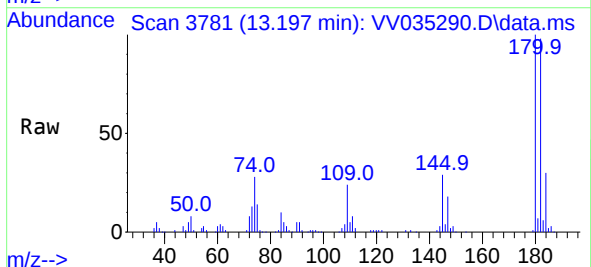
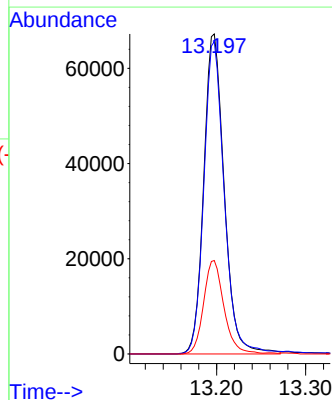
Tgt Ion:180 Resp: 107303

Ion Ratio Lower Upper

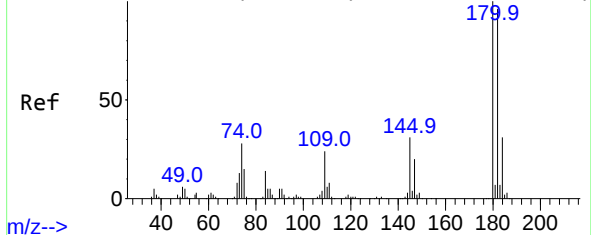
180 100

182 97.1 75.6 113.4

145 29.0 24.1 36.1



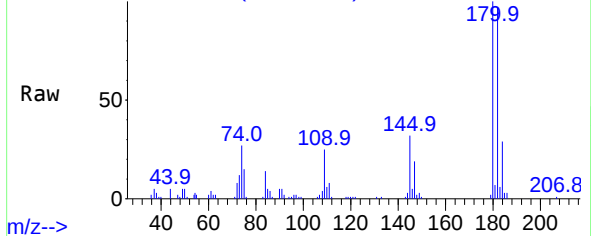
Abundance Scan 3930 (13.676 min): VV035270.D\data.ms (-



#72
1,2,3-Trichlorobenzene
Concen: 10.801 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035290.D
Acq: 18 Apr 2024 18:02

Instrument :
MSVOA_V
ClientSampleId :

Abundance Scan 3931 (13.680 min): VV035290.D\data.ms (-



Tgt Ion:	180	Resp:	32208
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	31.4	25.8	38.6

Abundance Scan 3931 (13.680 min): VV035290.D\data.ms (-

