

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035042.D
 Acq On : 08 Apr 2024 10:15
 Operator : SY/MD
 Sample : VV0408WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 08 12:08:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

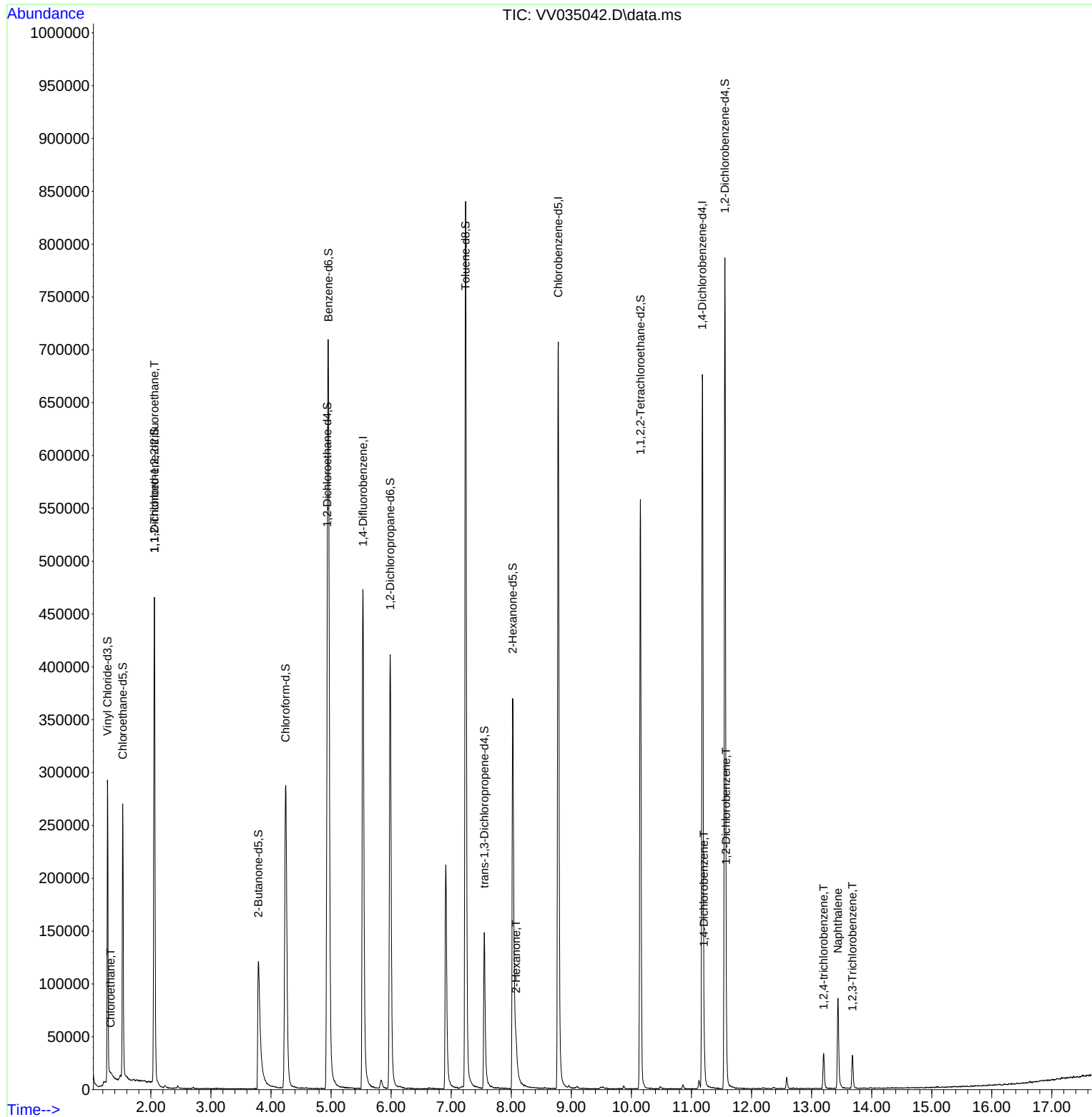
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	408634	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	385676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	173404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	188166	47.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.360%		
7) Chloroethane-d5	1.532	69	163150	47.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.060	65	81878	47.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.660%		
21) 2-Butanone-d5	3.789	46	230242	98.372	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.370%		
24) Chloroform-d	4.243	84	309938	46.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
26) 1,2-Dichloroethane-d4	4.937	65	202799	48.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
32) Benzene-d6	4.957	84	641220	49.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.000%		
36) 1,2-Dichloropropane-d6	5.986	67	210683	51.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.420%		
41) Toluene-d8	7.240	98	566134	48.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.040%		
43) trans-1,3-Dichloroprop...	7.551	79	90878	45.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.880%		
47) 2-Hexanone-d5	8.024	63	129056	82.974	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.970%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	272483	48.099	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	11.558	152	193524	49.707	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.420%		
Target Compounds						Qvalue
8) Chloroethane	1.330	64	16407	6.019	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2281	0.711	ug/L #	27
48) 2-Hexanone	8.082	43	27121	7.186	ug/L #	78
65) 1,4-Dichlorobenzene	11.207	146	10423	1.754	ug/L	94
67) 1,2-Dichlorobenzene	11.577	146	7191	1.236	ug/L #	93
70) 1,2,4-trichlorobenzene	13.201	180	10505	2.716	ug/L	97
71) Naphthalene	13.439	128	70810	6.599	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	9761	2.560	ug/L	97

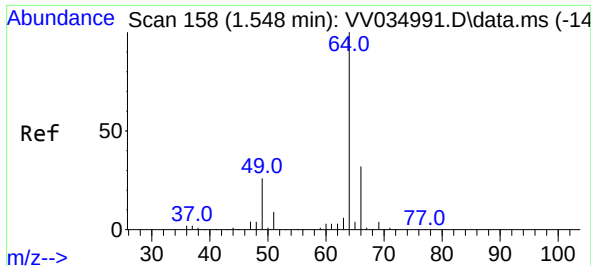
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

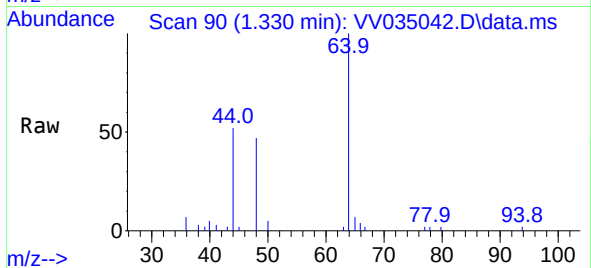
Quant Time: Apr 08 12:08:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration



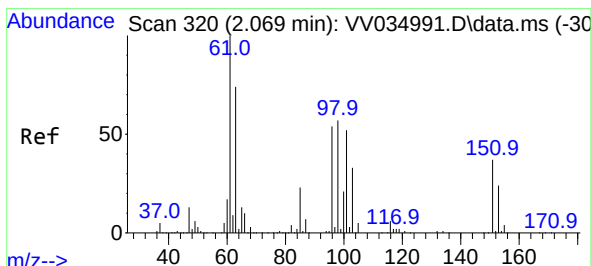
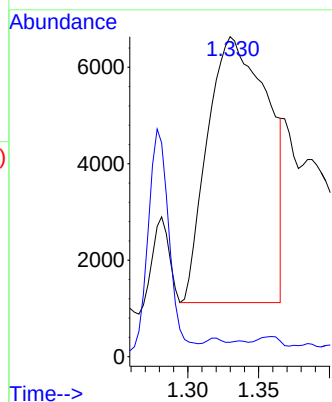
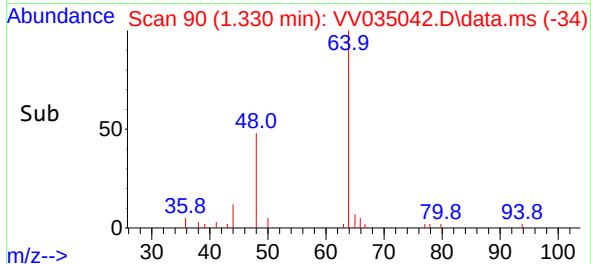


#8
Chloroethane
Concen: 6.019 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.219 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

Instrument :
MSVOA_V
ClientSampleId :

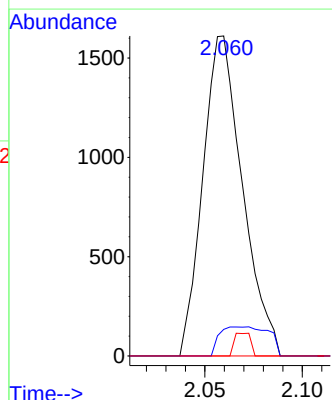
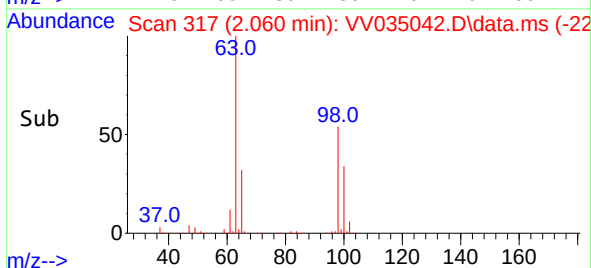
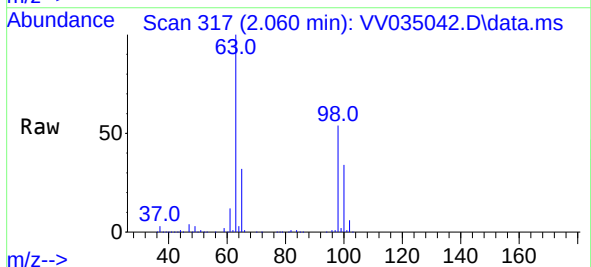


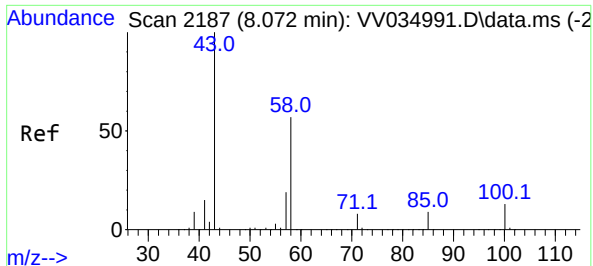
Tgt Ion: 64 Resp: 16407
Ion Ratio Lower Upper
64 100
66 6.0 23.2 43.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.711 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

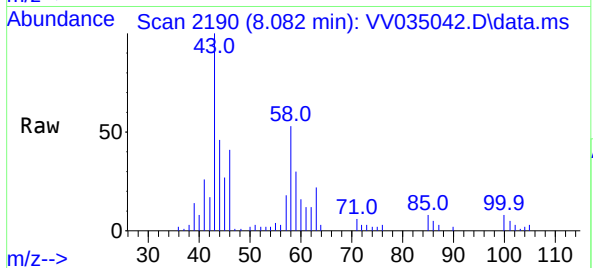
Tgt Ion:101 Resp: 2281
Ion Ratio Lower Upper
101 100
85 5.7 35.3 52.9#
151 1.9 55.0 82.4#





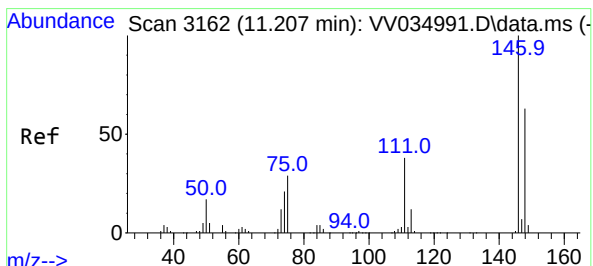
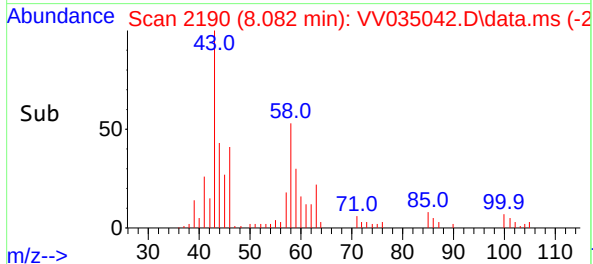
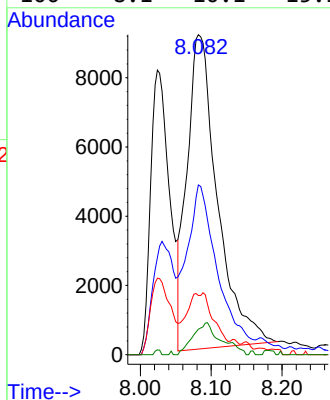
#48
2-Hexanone
Concen: 7.186 ug/L
RT: 8.082 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 27121

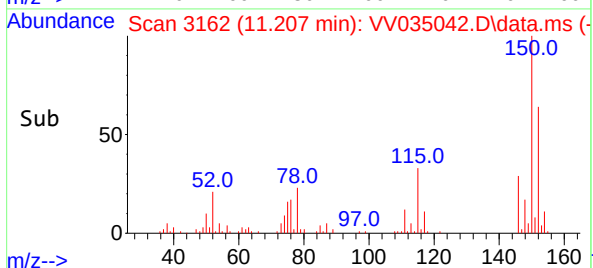
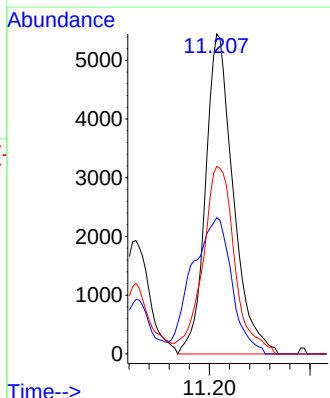
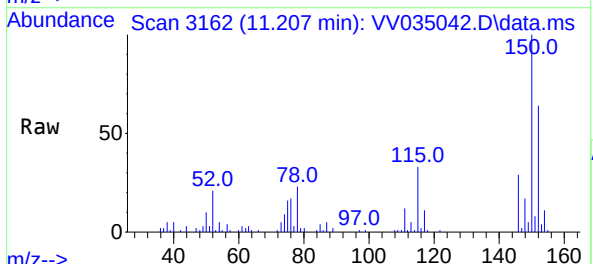
Ion	Ratio	Lower	Upper
43	100		
58	43.8	45.4	68.2#
57	2.1	16.2	24.4#
100	8.1	10.1	15.1#

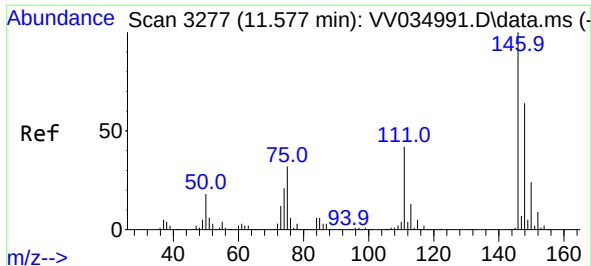


#65
1,4-Dichlorobenzene
Concen: 1.754 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

Tgt Ion: 146 Resp: 10423

Ion	Ratio	Lower	Upper
146	100		
111	42.6	27.4	50.8
148	58.6	44.2	82.2





#67

1,2-Dichlorobenzene

Concen: 1.236 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035042.D

Acq: 08 Apr 2024 10:15

Instrument :

MSVOA_V

ClientSampleId :

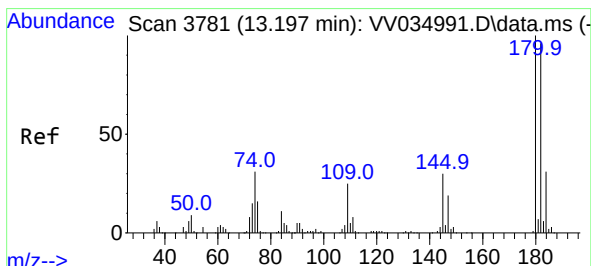
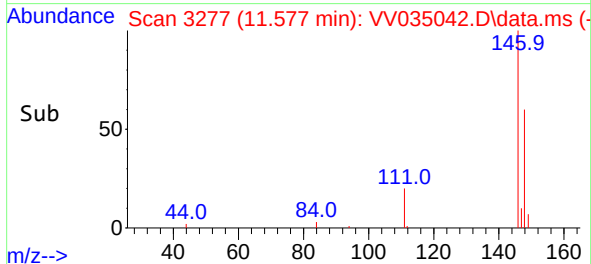
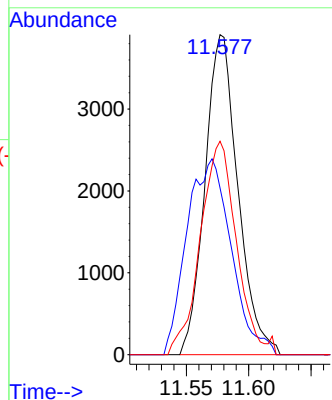
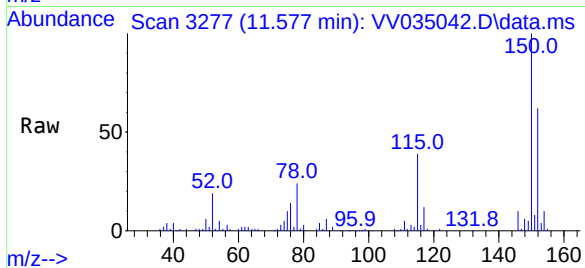
Tgt Ion:146 Resp: 7191

Ion Ratio Lower Upper

146 100

111 52.1 34.6 52.0#

148 66.7 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 2.716 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035042.D

Acq: 08 Apr 2024 10:15

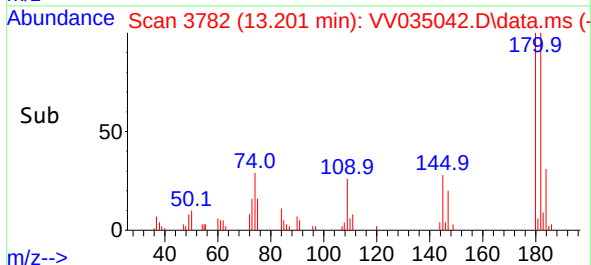
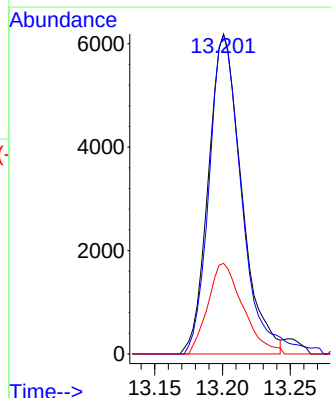
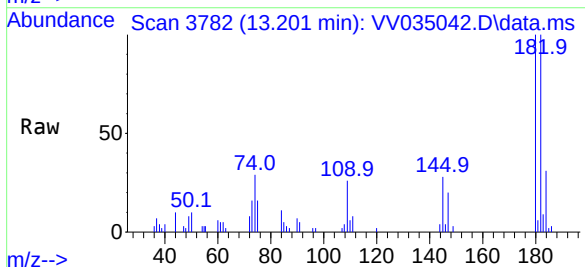
Tgt Ion:180 Resp: 10505

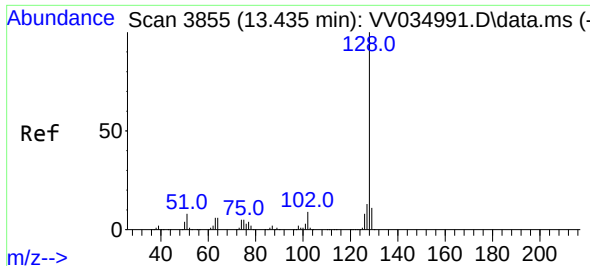
Ion Ratio Lower Upper

180 100

182 98.2 75.6 113.4

145 29.9 24.1 36.1

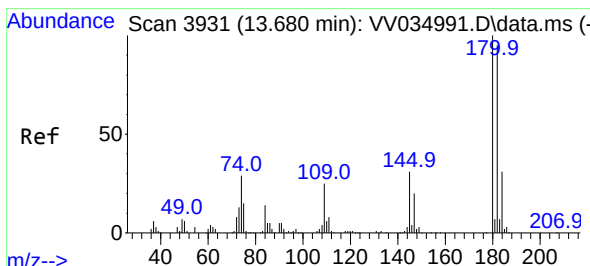
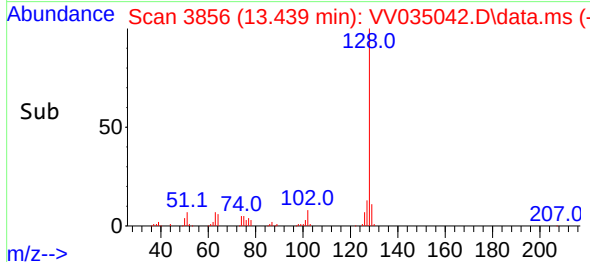
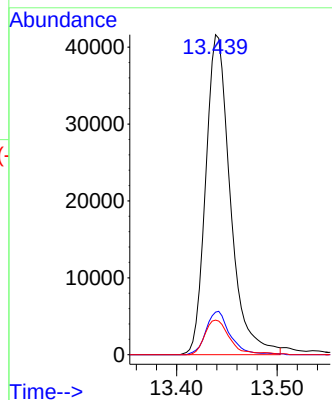
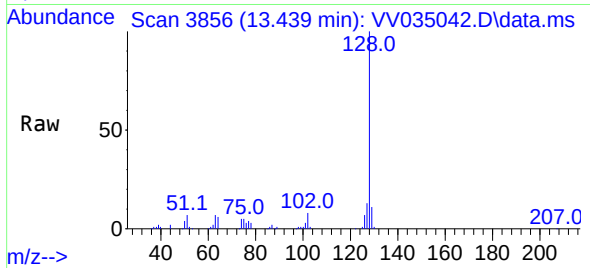




#71
Naphthalene
Concen: 6.599 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 70810
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.560 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV035042.D
Acq: 08 Apr 2024 10:15

Tgt Ion:180 Resp: 9761
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.2
145 28.2 25.8 38.6

