

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034935.D
 Acq On : 02 Apr 2024 16:46
 Operator : SY/MD
 Sample : P1925-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-10(20240326)

Quant Time: Apr 03 05:21:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

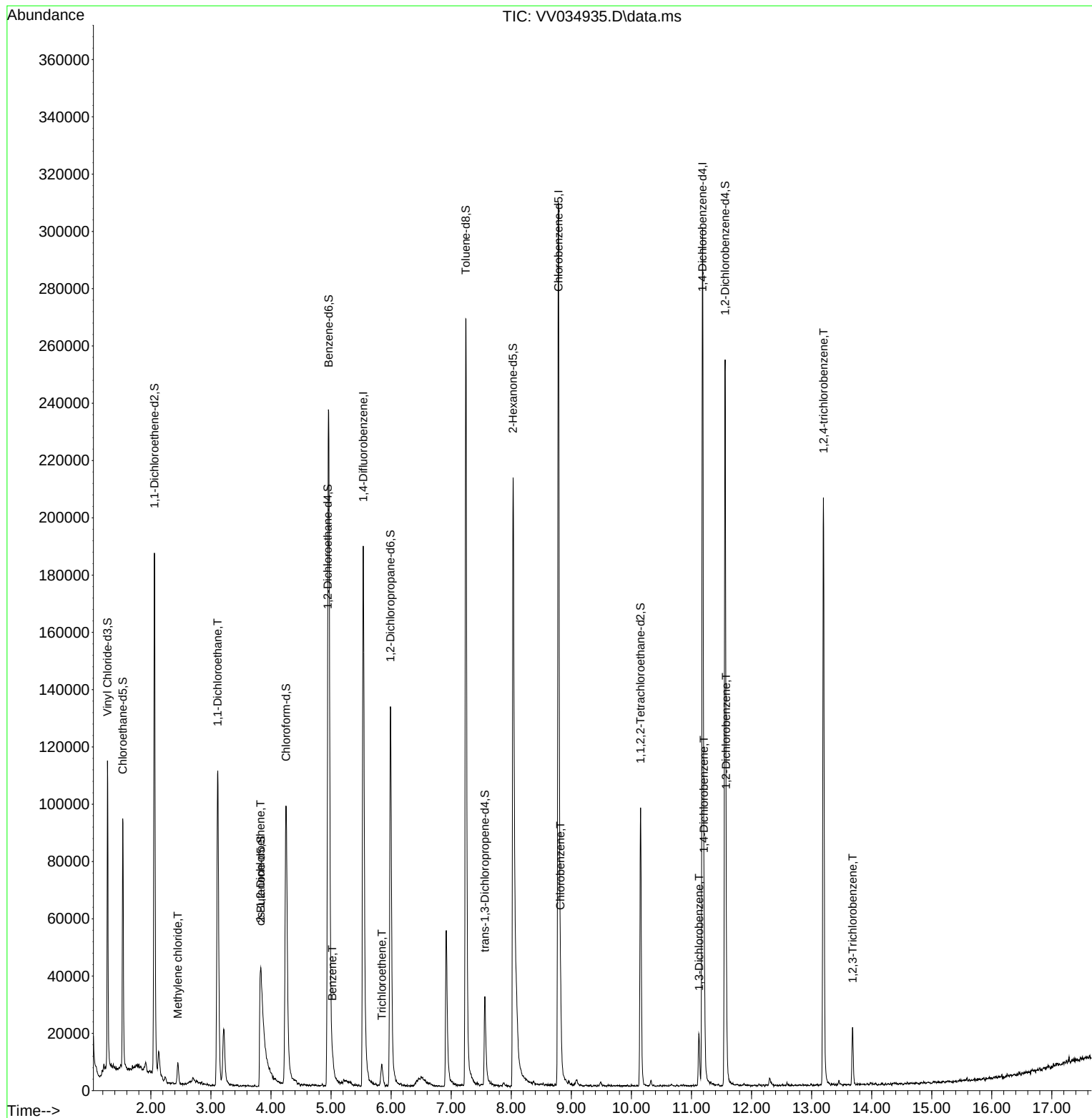
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	170247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66206	4.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	56766	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.060	65	31279	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.831	46	117218	53.395	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	4.249	84	108364	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.944	65	53422	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.960	84	220636	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	5.989	67	69126	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.243	98	185235	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.561	79	21419	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.030	63	82631	52.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	49305	5.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	65181	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
16) Methylene chloride	2.449	84	3225	0.227	ug/L	96
19) 1,1-Dichloroethane	3.114	63	114648	4.536	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	1813	0.135	ug/L	90
33) Benzene	5.018	78	5028	0.097	ug/L	100
34) Trichloroethene	5.847	95	1853	0.138	ug/L	91
51) Chlorobenzene	8.818	112	18174	0.518	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	7390	0.298	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	15770	0.636	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	6195	0.271	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	61938	4.287	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6678	0.526	ug/L	93

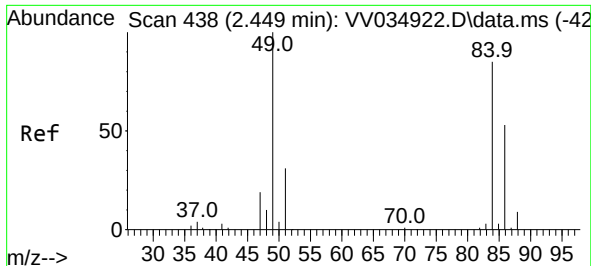
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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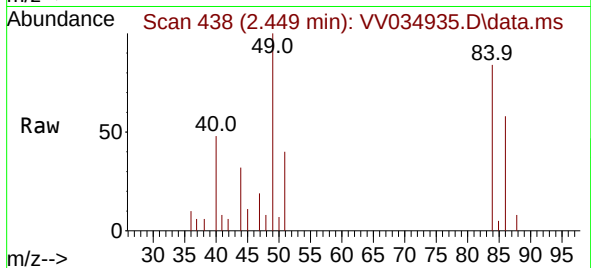
Quant Time: Apr 03 05:21:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
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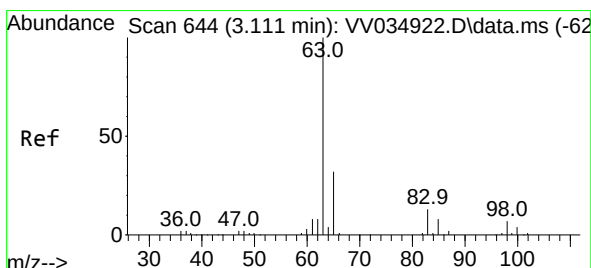
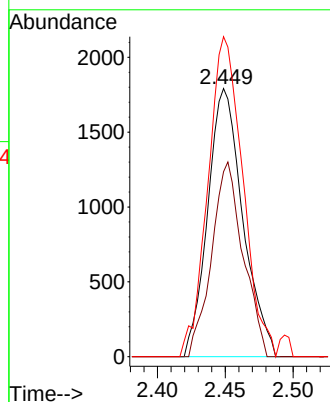
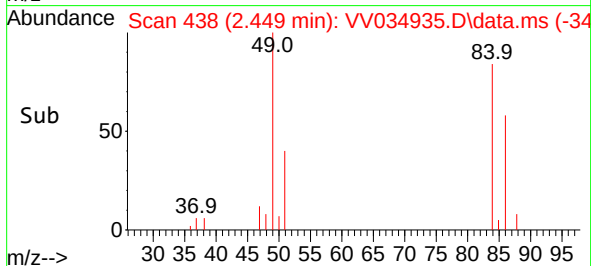
#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :
PMW-10(20240326)

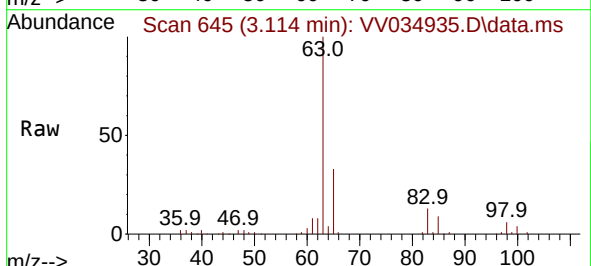


Tgt Ion: 84 Resp: 3225

Ion	Ratio	Lower	Upper
84	100		
86	69.0	43.5	80.9
49	119.3	82.5	153.3

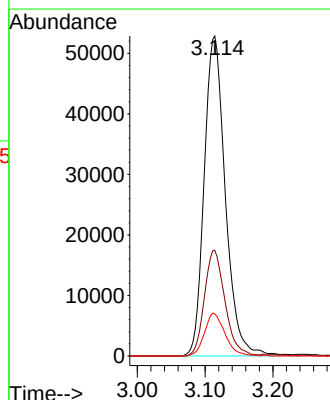
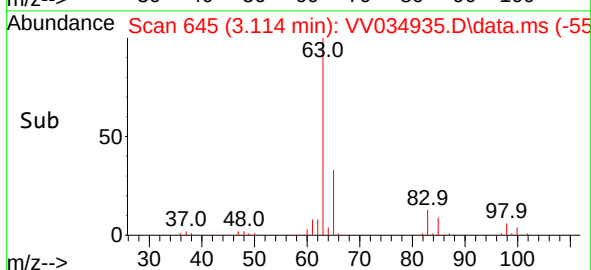


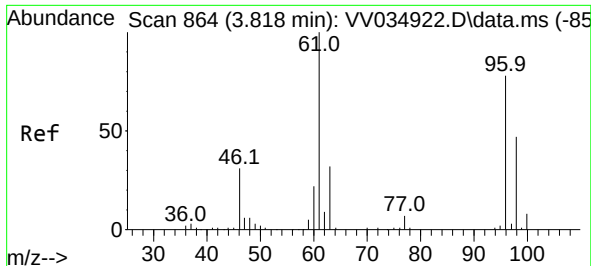
#19
1,1-Dichloroethane
Concen: 4.536 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46



Tgt Ion: 63 Resp: 114648

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.5	41.9
83	13.2	9.1	16.9



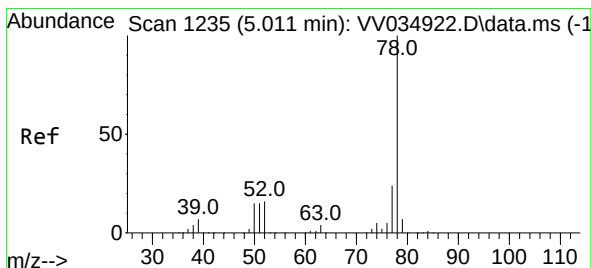
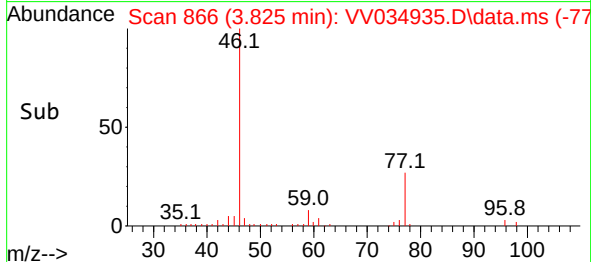
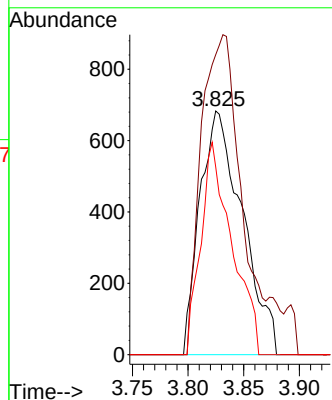
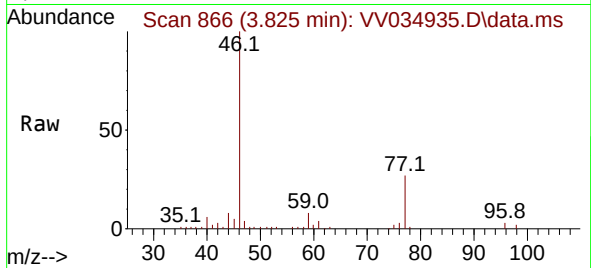


#22
 cis-1,2-Dichloroethene
 Concen: 0.135 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV034935.D
 Acq: 02 Apr 2024 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-10(20240326)

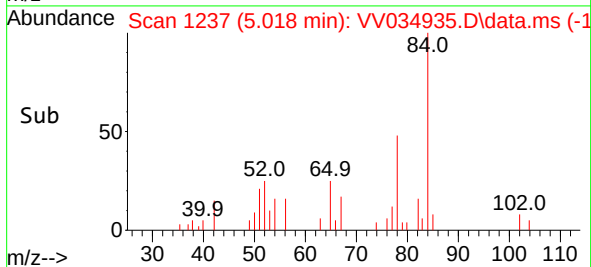
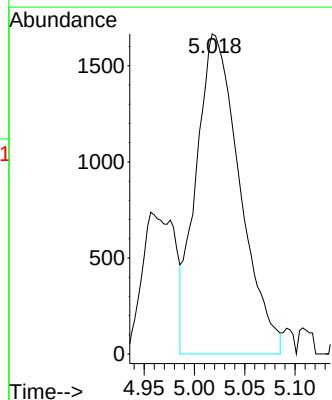
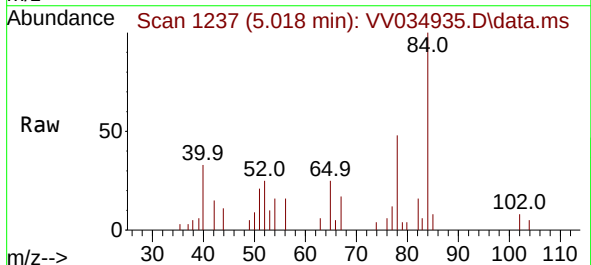
Tgt Ion: 96 Resp: 1813

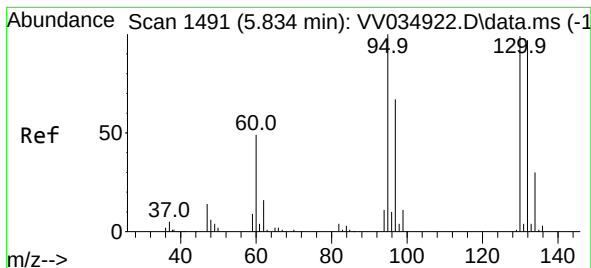
Ion	Ratio	Lower	Upper
96	100		
61	123.1	90.3	167.7
98	77.0	42.7	79.3



#33
 Benzene
 Concen: 0.097 ug/L
 RT: 5.018 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: VV034935.D
 Acq: 02 Apr 2024 16:46

Tgt Ion: 78 Resp: 5028





#34

Trichloroethene

Concen: 0.138 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.013 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

PMW-10(20240326)

Tgt Ion: 95 Resp: 1853

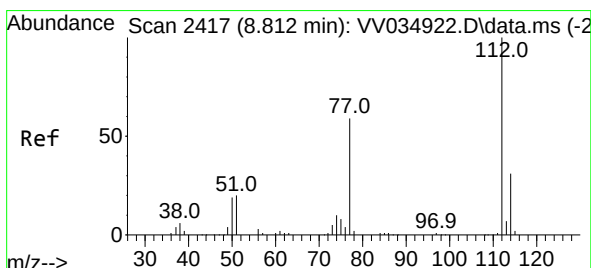
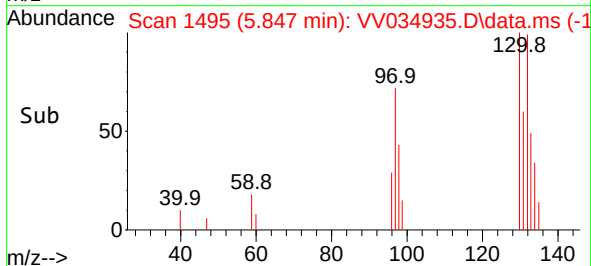
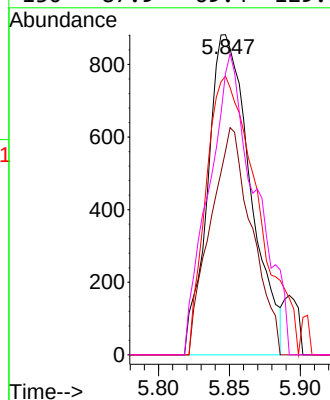
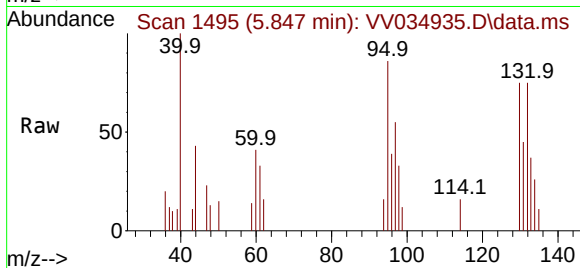
Ion Ratio Lower Upper

95 100

97 63.6 46.8 86.8

132 87.1 68.0 126.4

130 87.9 69.4 129.0



#51

Chlorobenzene

Concen: 0.518 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

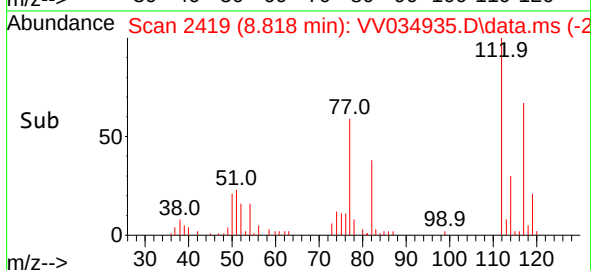
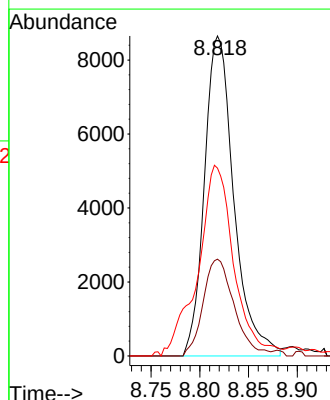
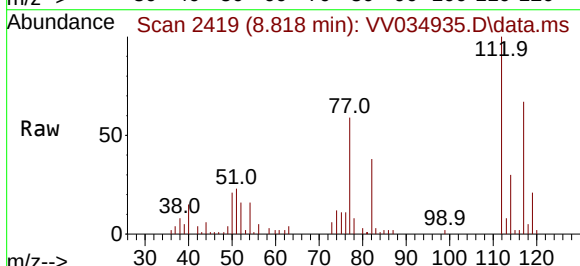
Tgt Ion: 112 Resp: 18174

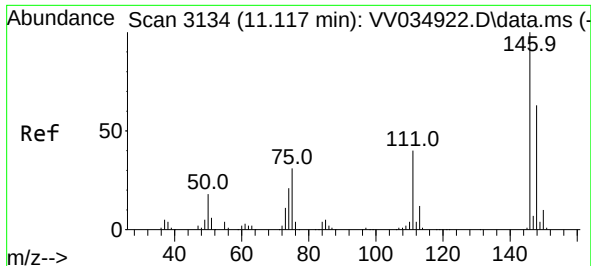
Ion Ratio Lower Upper

112 100

114 30.3 21.9 40.7

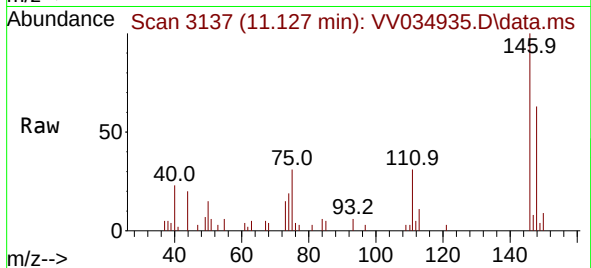
77 58.7 47.4 71.2



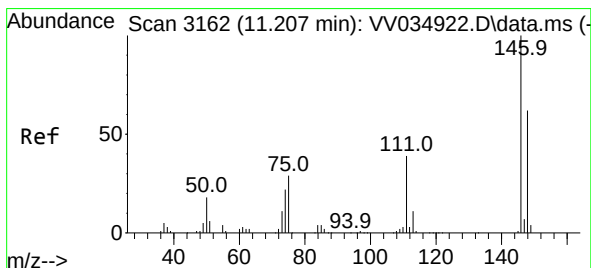
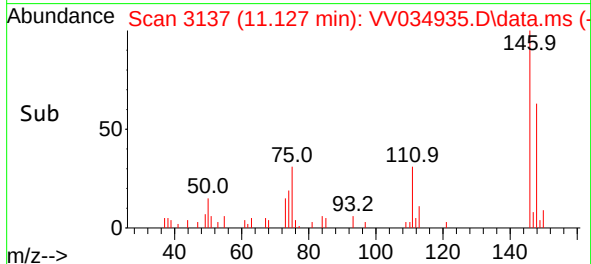
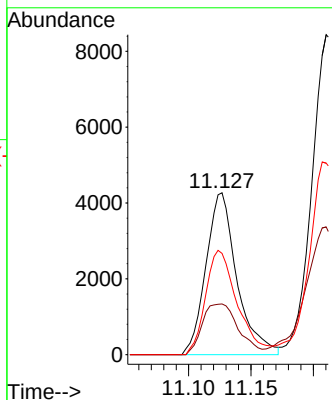


#64
1,3-Dichlorobenzene
Concen: 0.298 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :
PMW-10(20240326)

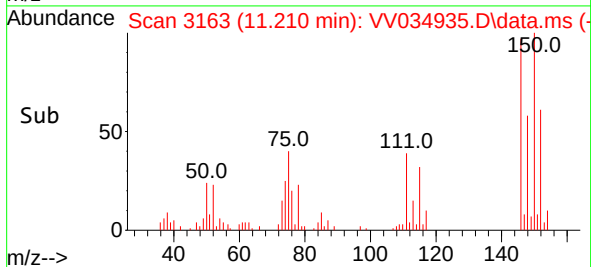
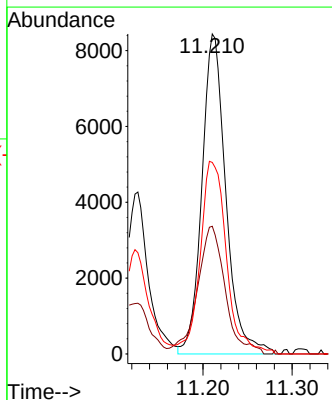
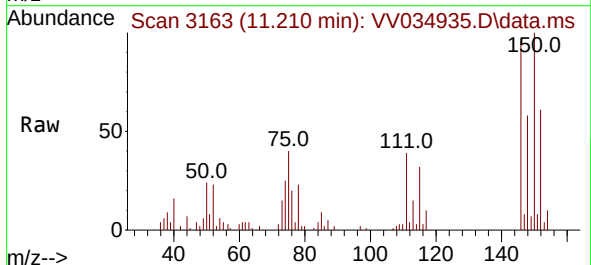


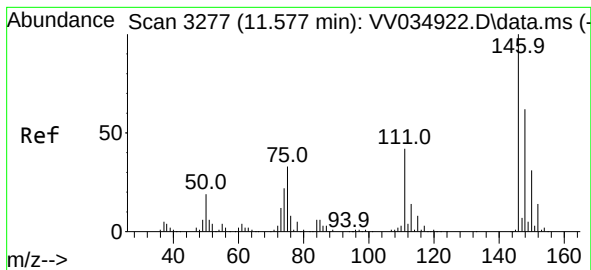
Tgt Ion:146 Resp: 7390
Ion Ratio Lower Upper
146 100
111 31.4 27.7 51.5
148 62.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 0.636 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Tgt Ion:146 Resp: 15770
Ion Ratio Lower Upper
146 100
111 39.9 27.3 50.7
148 59.8 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 0.271 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

PMW-10(20240326)

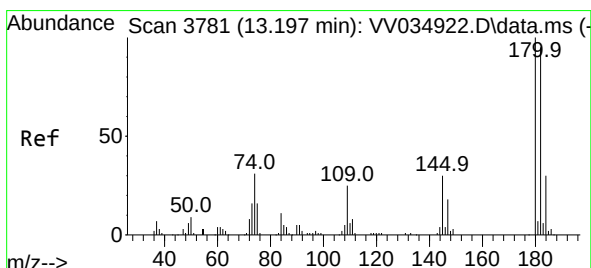
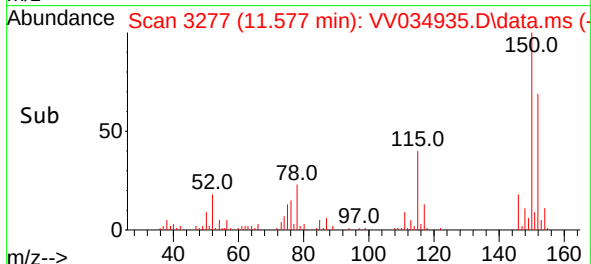
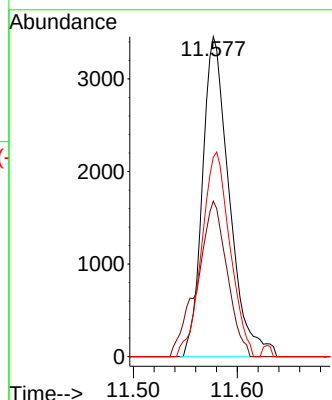
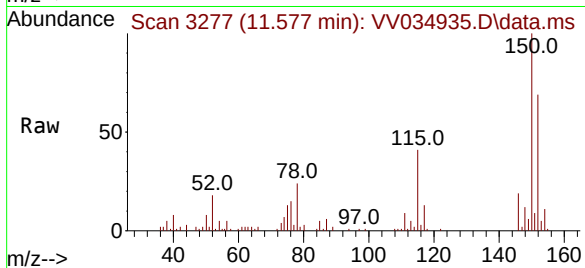
Tgt Ion:146 Resp: 6195

Ion Ratio Lower Upper

146 100

111 48.6 33.9 50.9

148 62.3 49.3 73.9



#70

1,2,4-trichlorobenzene

Concen: 4.287 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

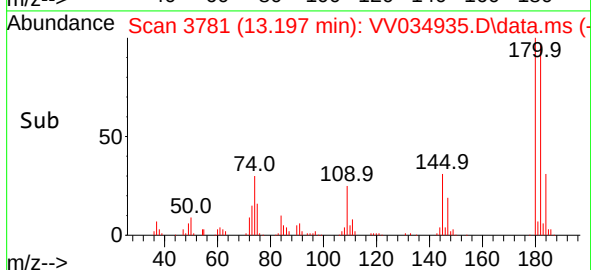
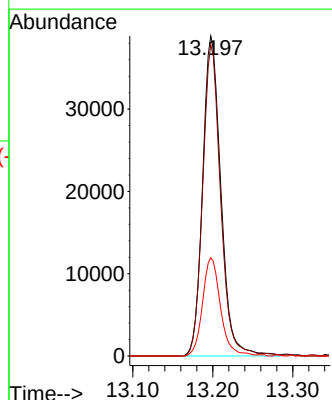
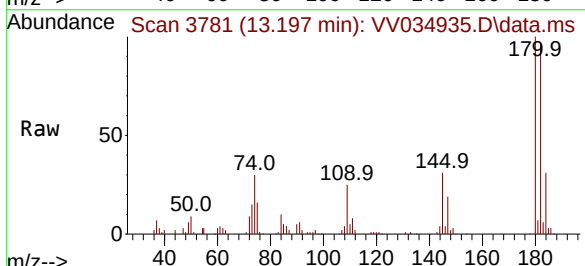
Tgt Ion:180 Resp: 61938

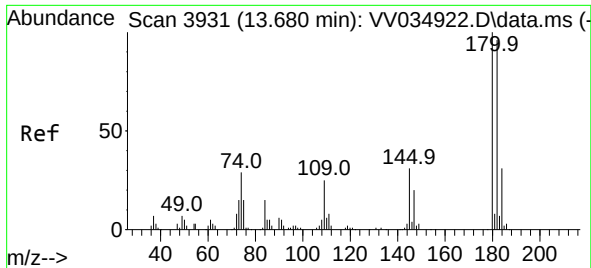
Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

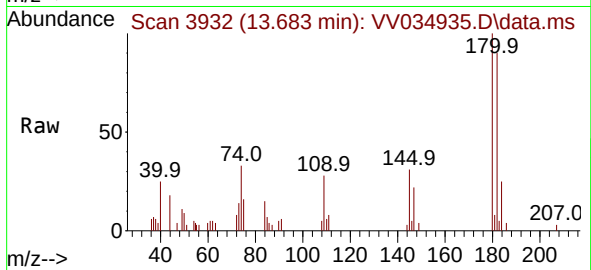
145 30.1 23.4 35.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.526 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV034935.D
 Acq: 02 Apr 2024 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-10(20240326)



Tgt Ion:	180	Resp:	6678
Ion Ratio	Lower	Upper	
180	100		
182	90.4	77.0	115.4
145	25.8	25.4	38.2

