

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034158.D
 Acq On : 13 Feb 2024 17:32
 Operator : SY/MD
 Sample : P1402-15DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:45:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

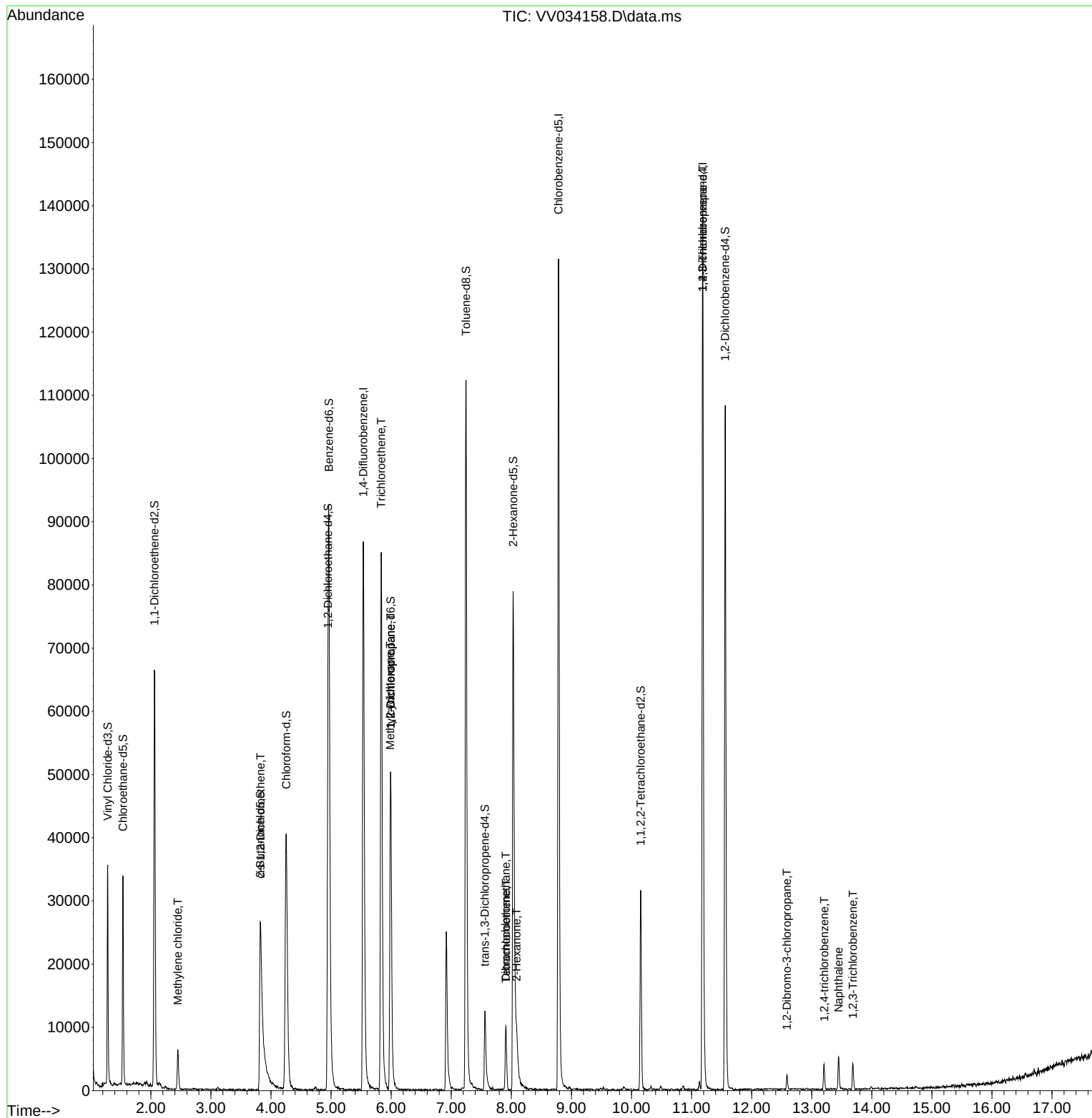
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21291	3.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.536	69	19147	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.060	65	11281	3.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.822	46	8110	8.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	16.280%#
24) Chloroform-d	4.252	84	44131	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	4.947	65	22117	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.963	84	82519	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.992	67	23158	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.246	98	77245	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.561	79	8981	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.030	63	29031	36.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14172	3.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	27295	4.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
16) Methylene chloride	2.449	84	2690	0.524	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	8001	1.294	ug/L	90
34) Trichloroethene	5.834	95	30225	4.927	ug/L	97
35) Methylcyclohexane	5.985	83	5823	0.605	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3210	0.625	ug/L #	87
47) Tetrachloroethene	7.911	164	2323	0.466	ug/L	95
48) 2-Hexanone	8.088	43	5785	3.338	ug/L #	85
49) Dibromochloromethane	7.908	129	2079	0.552	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4725	1.920	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.586	75	134	0.260	ug/L #	1
70) 1,2,4-trichlorobenzene	13.207	180	1514	0.217	ug/L	99
71) Naphthalene	13.448	128	4730	0.517	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.683	180	1598	0.286	ug/L	98

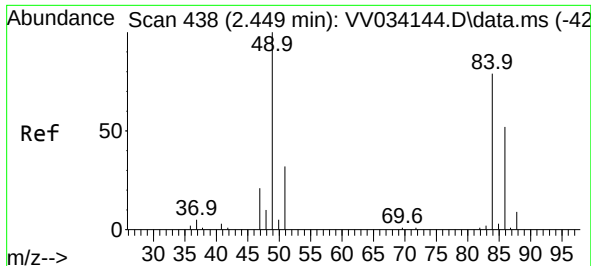
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021324\
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
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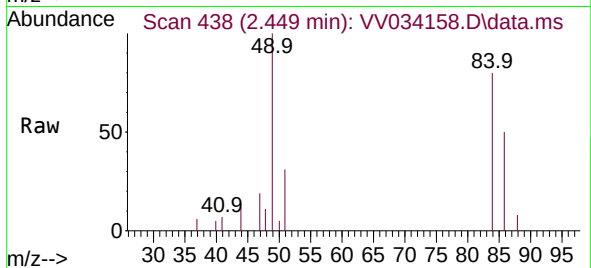
Quant Time: Feb 14 01:45:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration



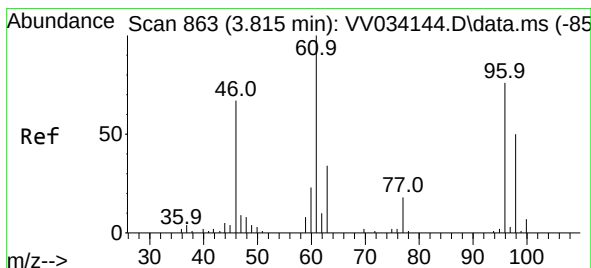
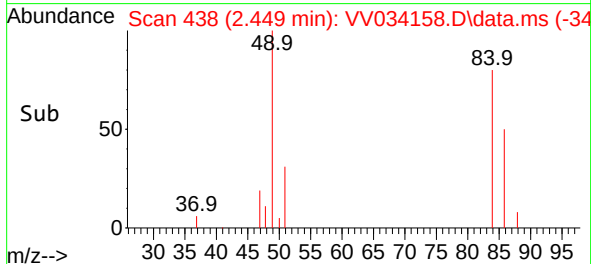
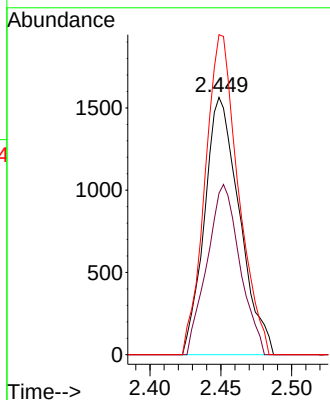


#16
Methylene chloride
Concen: 0.524 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Instrument :
MSVOA_V
ClientSampleId :

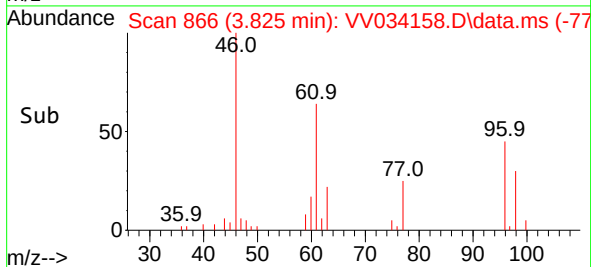
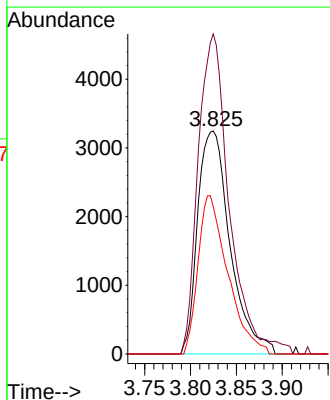
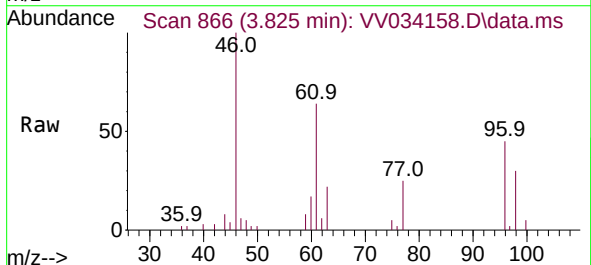


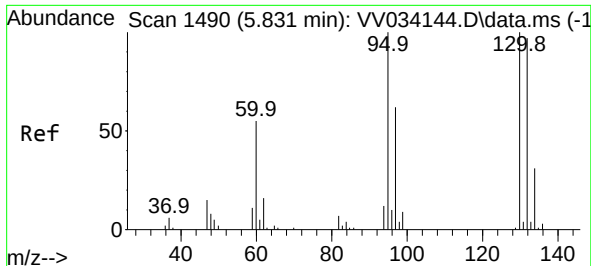
Tgt Ion:	84	Resp:	2690
Ion	Ratio	Lower	Upper
84	100		
86	62.7	44.7	83.1
49	124.4	93.7	173.9



#22
cis-1,2-Dichloroethene
Concen: 1.294 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Tgt Ion:	96	Resp:	8001
Ion	Ratio	Lower	Upper
96	100		
61	143.5	90.3	167.7
98	66.2	43.2	80.2



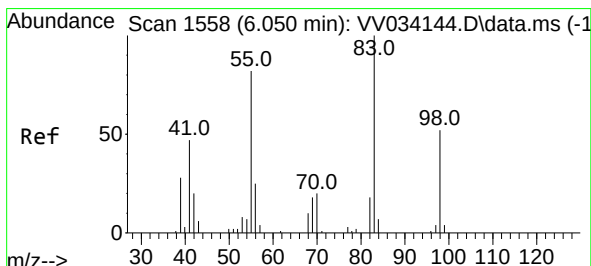
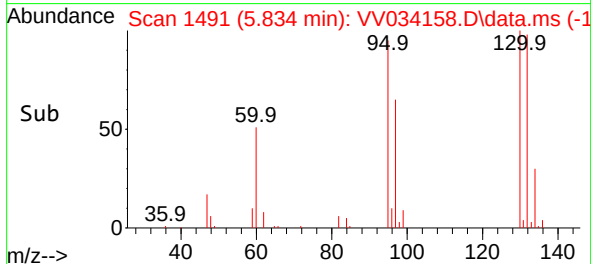
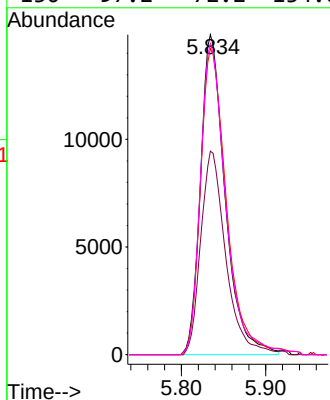
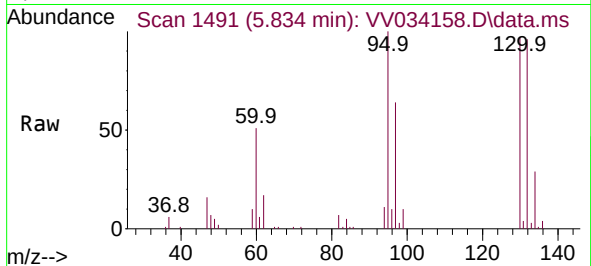


#34
Trichloroethene
Concen: 4.927 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 30225

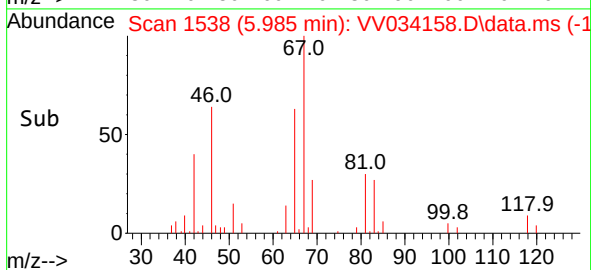
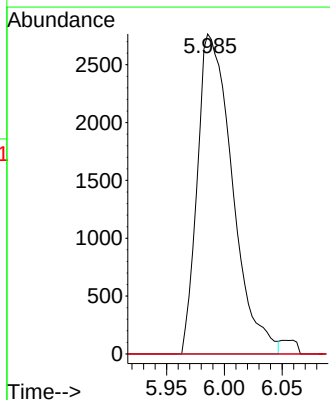
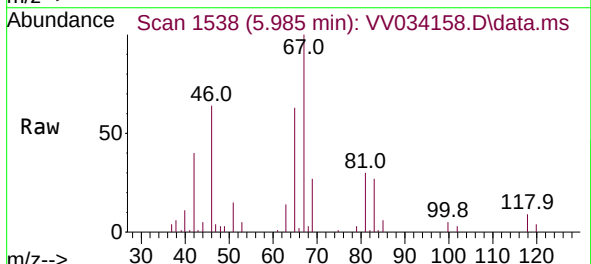
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.1	83.7
132	95.6	66.0	122.6
130	97.2	72.2	134.0

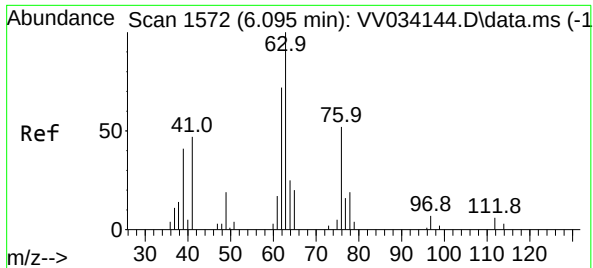


#35
Methylcyclohexane
Concen: 0.605 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.064 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Tgt Ion: 83 Resp: 5823

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034158.D

Acq: 13 Feb 2024 17:32

Instrument :

MSVOA_V

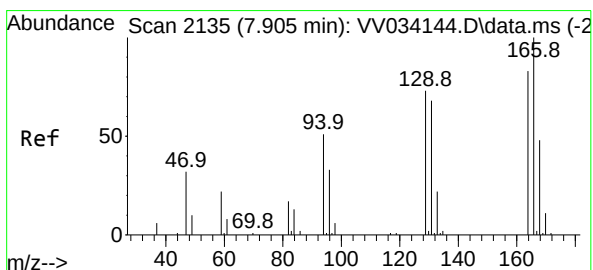
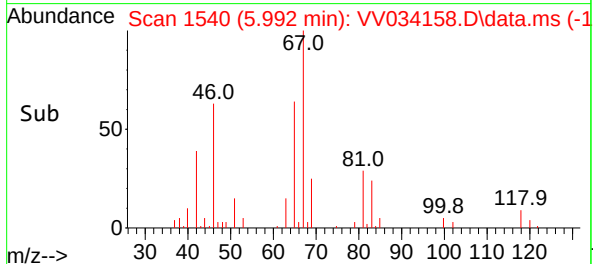
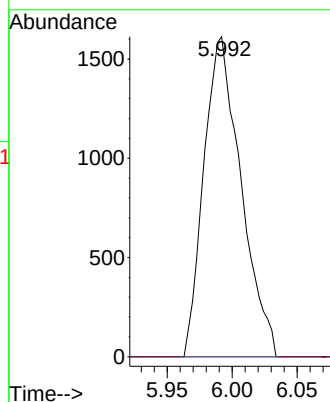
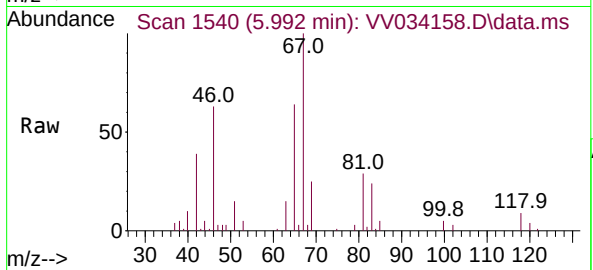
ClientSampleId :

Tgt Ion: 63 Resp: 3210

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 0.466 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV034158.D

Acq: 13 Feb 2024 17:32

Tgt Ion:164 Resp: 2323

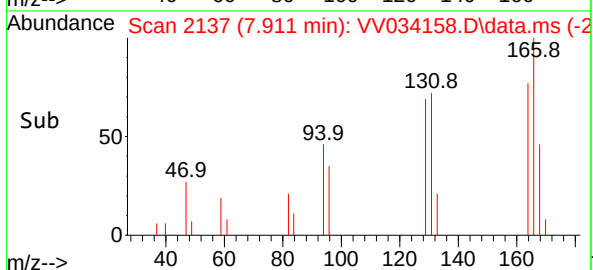
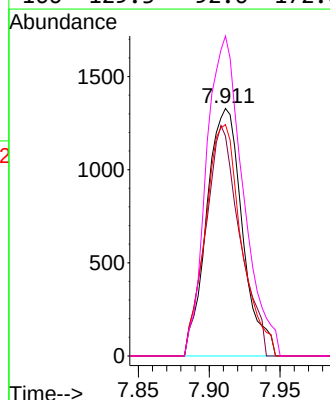
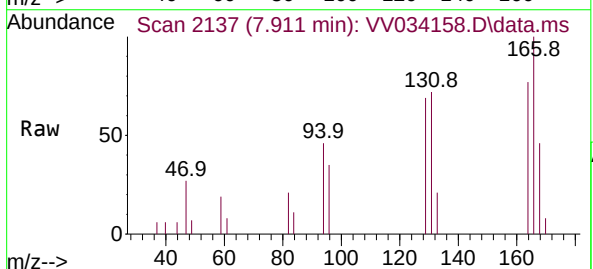
Ion Ratio Lower Upper

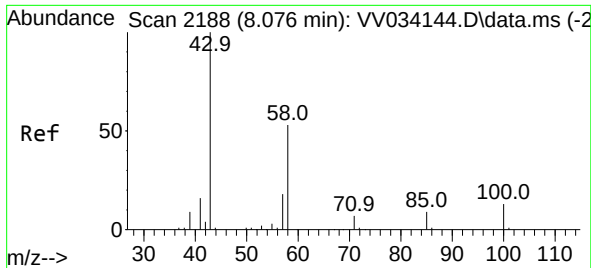
164 100

129 88.8 67.8 125.8

131 93.5 63.0 117.0

166 129.3 92.6 172.0

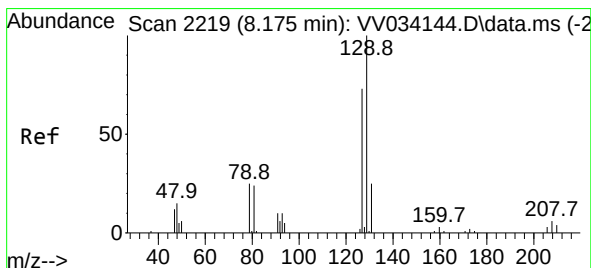
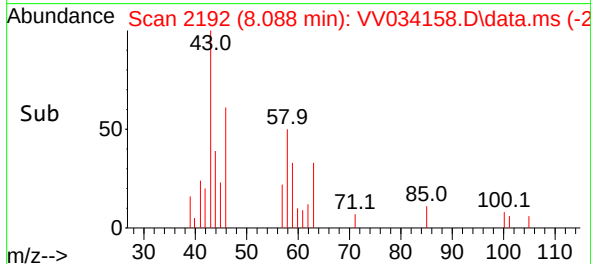
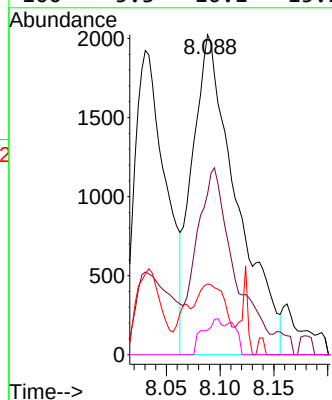
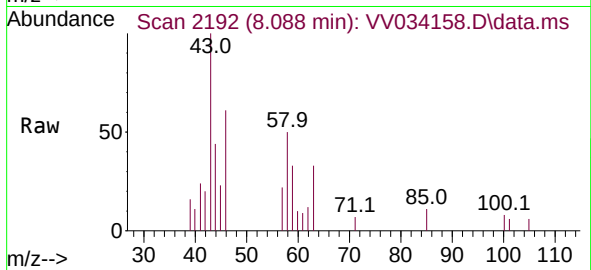




#48
2-Hexanone
Concen: 3.338 ug/L
RT: 8.088 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

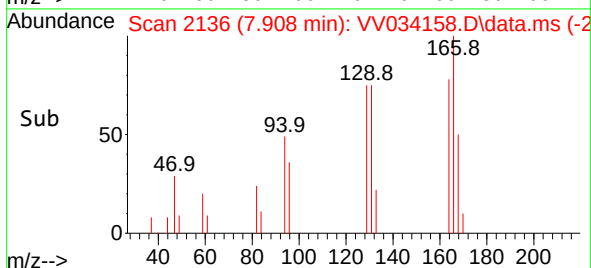
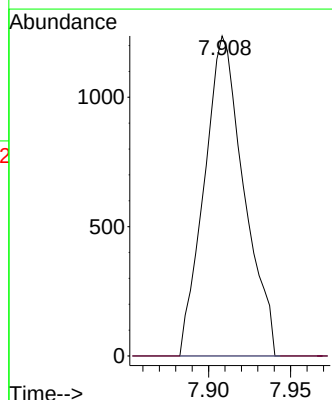
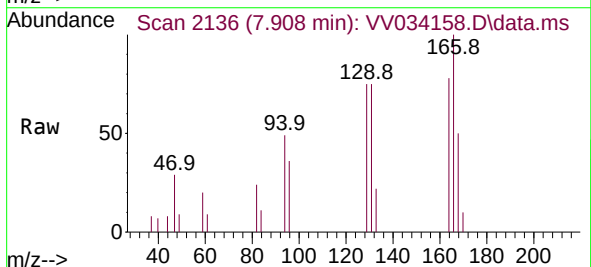
Instrument :
MSVOA_V
ClientSampleId :

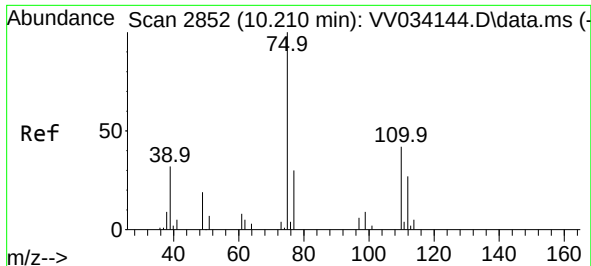
Tgt Ion: 43 Resp: 5785
Ion Ratio Lower Upper
43 100
58 42.2 42.6 64.0#
57 15.2 15.5 23.3#
100 5.3 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.552 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.267 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Tgt Ion: 129 Resp: 2079
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

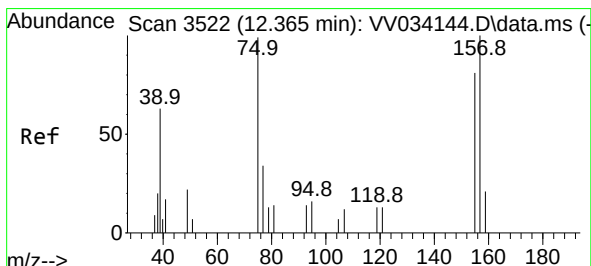
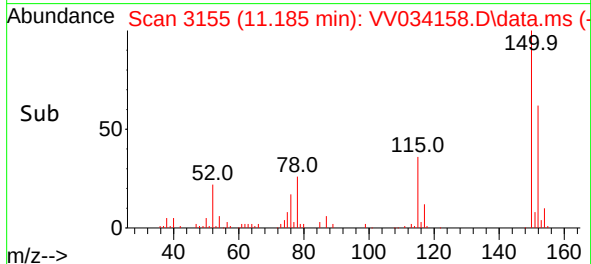
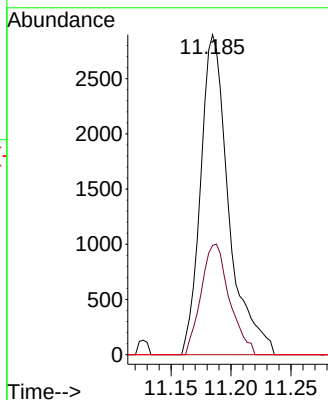
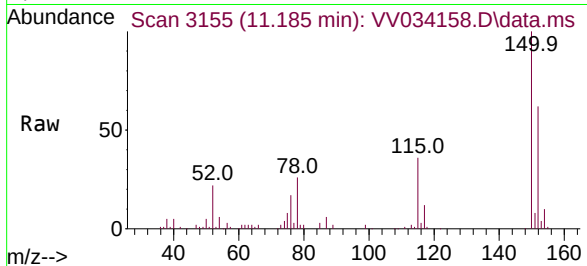




#61
 1,2,3-Trichloropropane
 Concen: 1.920 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV034158.D
 Acq: 13 Feb 2024 17:32

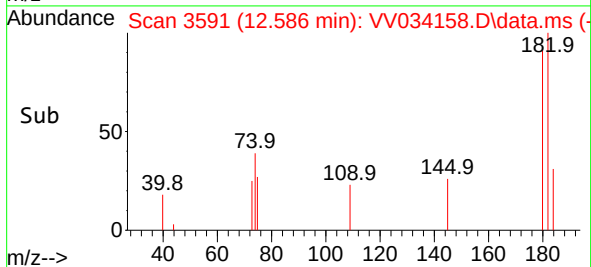
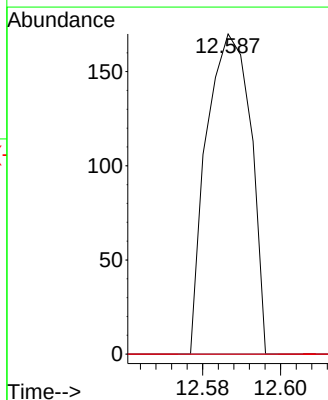
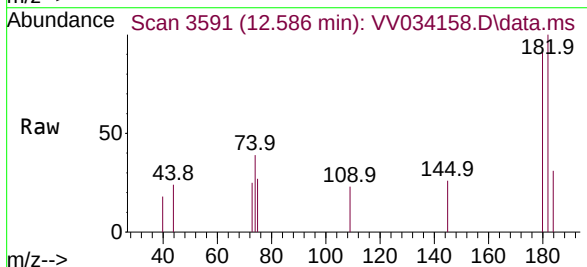
Instrument :
 MSVOA_V
 ClientSampleId :

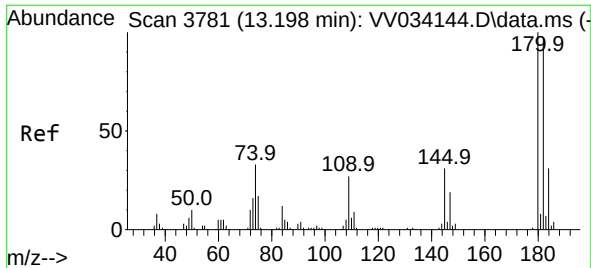
Tgt Ion: 75 Resp: 4725
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.9 40.3
 110 0.0 33.3 49.9#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.260 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.222 min
 Lab File: VV034158.D
 Acq: 13 Feb 2024 17:32

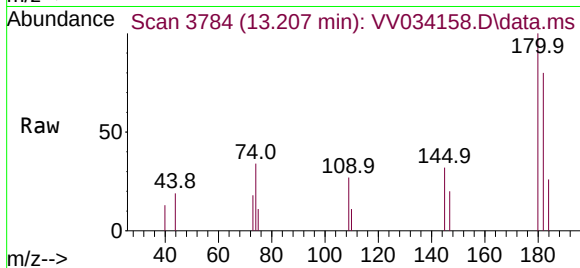
Tgt Ion: 75 Resp: 134
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.9 103.3#
 157 0.0 84.6 127.0#



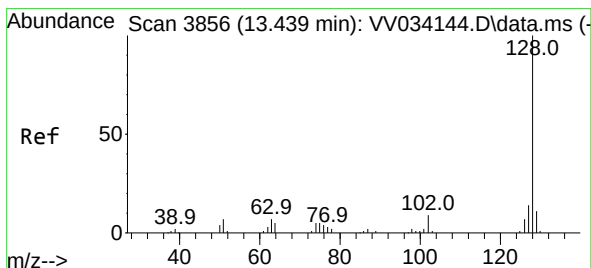
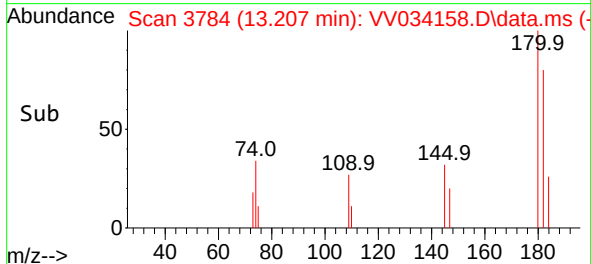
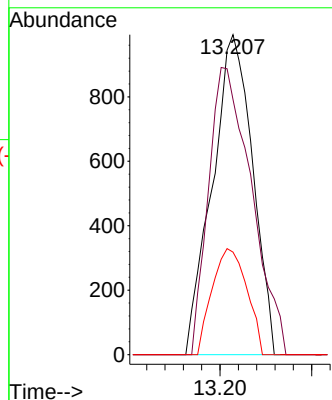


#70
1,2,4-trichlorobenzene
Concen: 0.217 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

Instrument :
MSVOA_V
ClientSampleId :

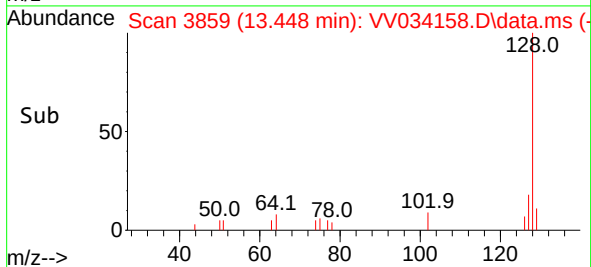
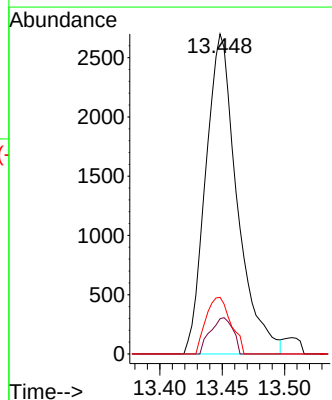
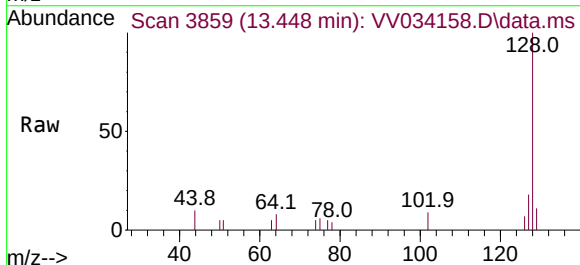


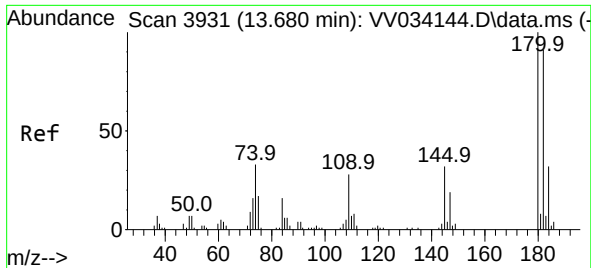
Tgt Ion:180 Resp: 1514
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 28.6 24.8 37.2



#71
Naphthalene
Concen: 0.517 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV034158.D
Acq: 13 Feb 2024 17:32

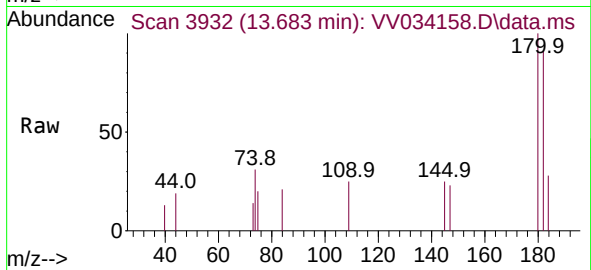
Tgt Ion:128 Resp: 4730
Ion Ratio Lower Upper
128 100
129 8.2 8.5 12.7#
127 14.0 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.286 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV034158.D
 Acq: 13 Feb 2024 17:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1598
Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.0	112.6
145	28.2	25.2	37.8

