

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038211.D
 Acq On : 20 Nov 2024 13:31
 Operator : SY/MD
 Sample : P4882-15DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:48:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

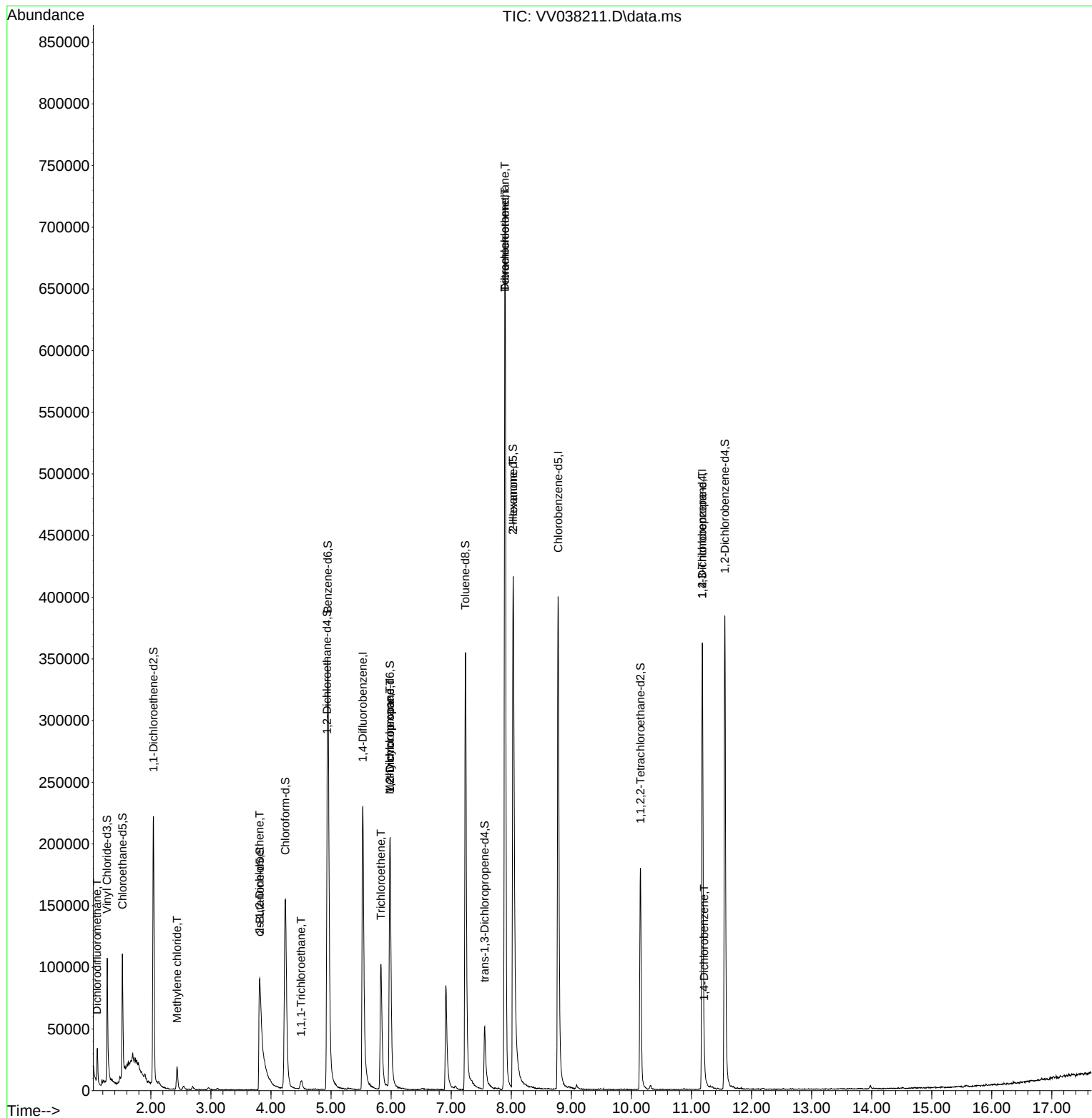
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	226842	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	103284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	77078	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.526	69	68014	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.044	65	36479	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.812	46	211665	60.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.700%
24) Chloroform-d	4.240	84	179814	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.934	65	88710	5.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	4.947	84	327975	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.982	67	107522	5.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.236	98	268679	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.558	79	36478	5.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.031	63	188930	67.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.820%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96520	5.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	107393	6.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.102	85	4663	0.217	ug/L	96
16) Methylene chloride	2.436	84	7822	0.423	ug/L	82
22) cis-1,2-Dichloroethene	3.809	96	5709	0.323	ug/L	90
29) 1,1,1-Trichloroethane	4.500	97	6528	0.223	ug/L	99
34) Trichloroethene	5.831	95	41553	2.226	ug/L	98
35) Methylcyclohexane	5.979	83	27646	1.047	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11642	0.679	ug/L #	86
47) Tetrachloroethene	7.895	164	170610	11.372	ug/L	99
48) 2-Hexanone	8.034	43	25451	3.909	ug/L #	61
49) Dibromochloromethane	7.895	129	156990	10.349	ug/L #	11
61) 1,2,3-Trichloropropane	11.182	75	12106	1.369	ug/L #	63
65) 1,4-Dichlorobenzene	11.214	146	3899	0.121	ug/L	81

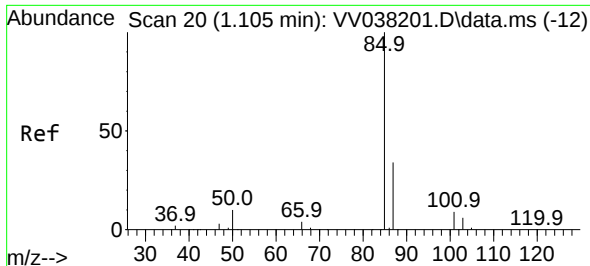
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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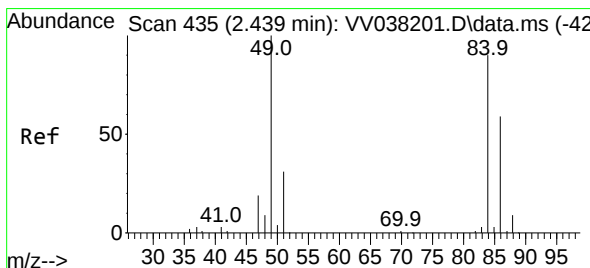
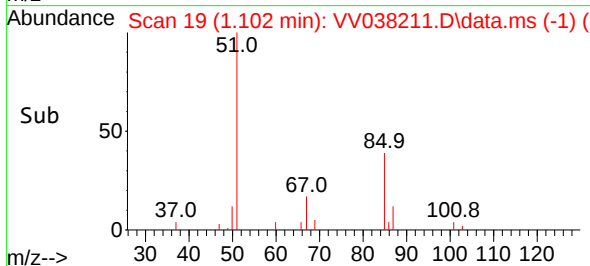
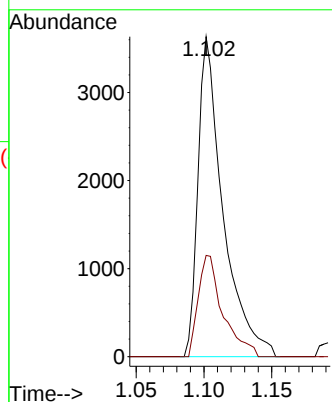
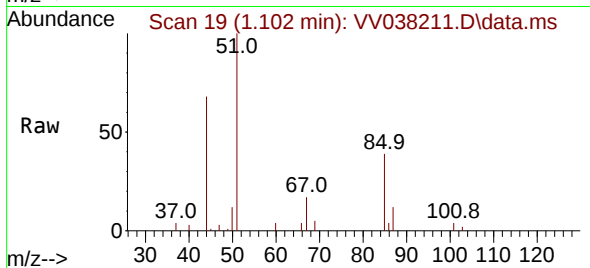




#2
Dichlorodifluoromethane
Concen: 0.217 ug/L
RT: 1.102 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

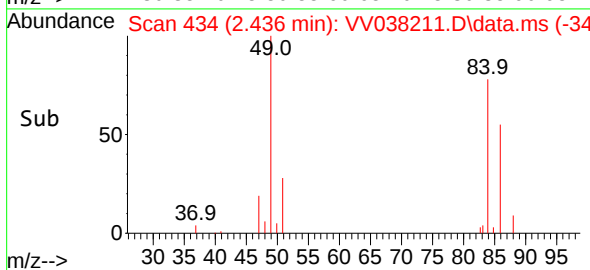
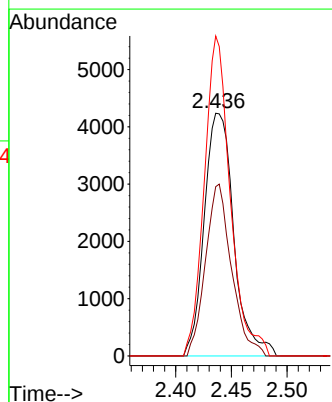
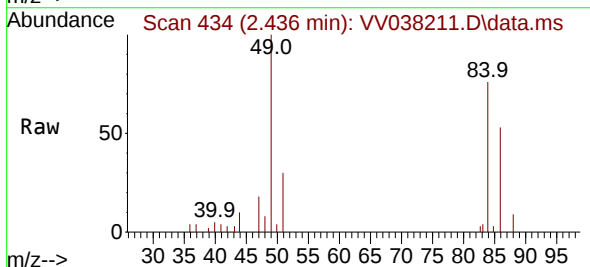
Instrument :
MSVOA_V
ClientSampleId :

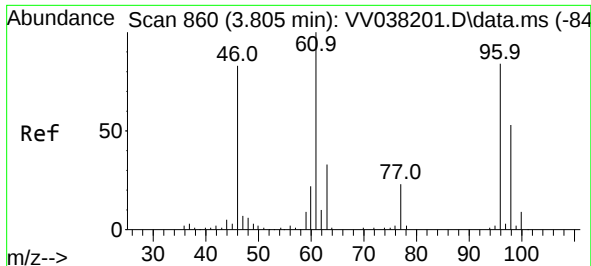
Tgt Ion: 85 Resp: 4663
Ion Ratio Lower Upper
85 100
87 31.0 26.5 39.7



#16
Methylene chloride
Concen: 0.423 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Tgt Ion: 84 Resp: 7822
Ion Ratio Lower Upper
84 100
86 69.8 44.2 82.2
49 131.9 74.9 139.1





#22

cis-1,2-Dichloroethene

Concen: 0.323 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

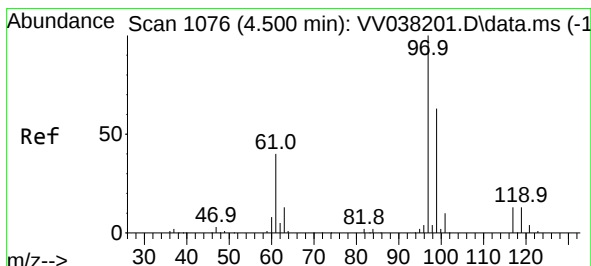
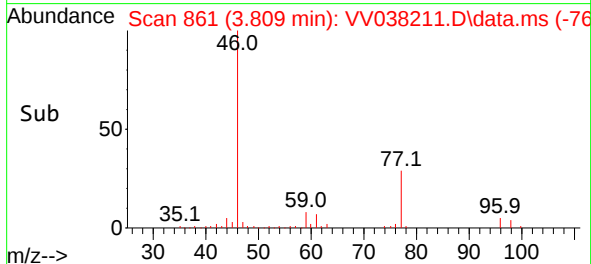
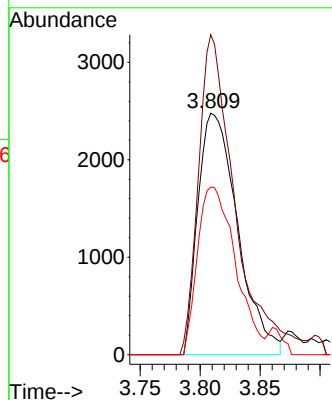
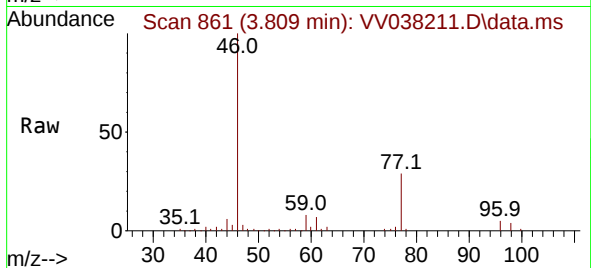
Tgt Ion: 96 Resp: 5709

Ion Ratio Lower Upper

96 100

61 132.5 82.7 153.5

98 69.4 46.3 85.9



#29

1,1,1-Trichloroethane

Concen: 0.223 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

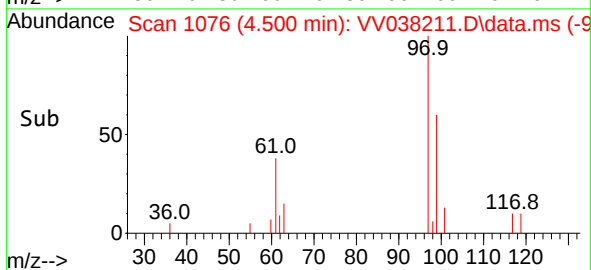
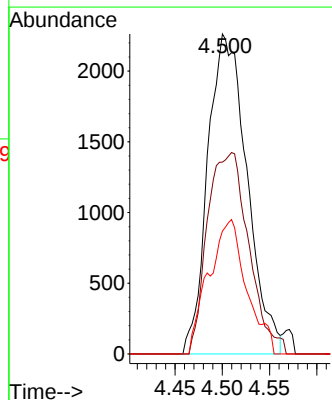
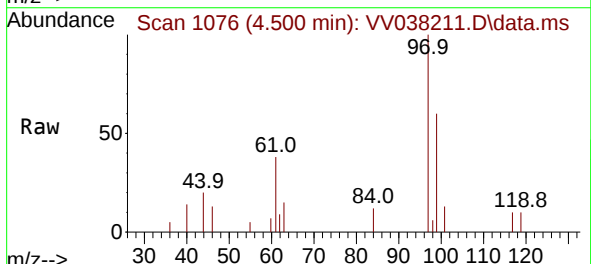
Tgt Ion: 97 Resp: 6528

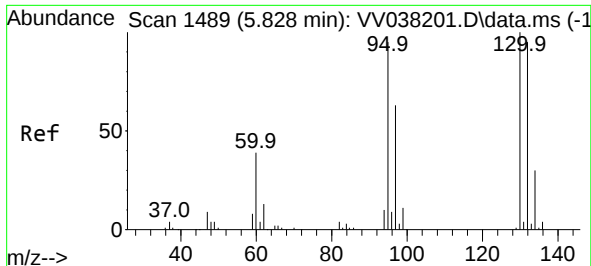
Ion Ratio Lower Upper

97 100

99 66.4 51.8 77.8

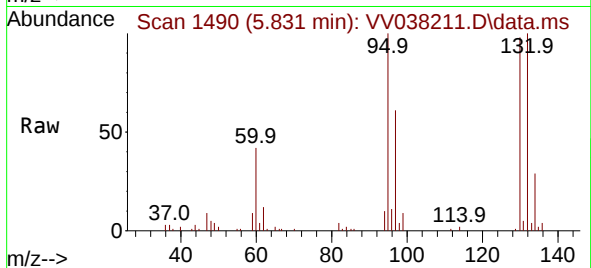
61 40.4 32.2 48.2



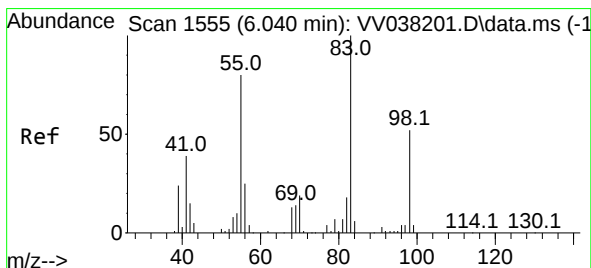
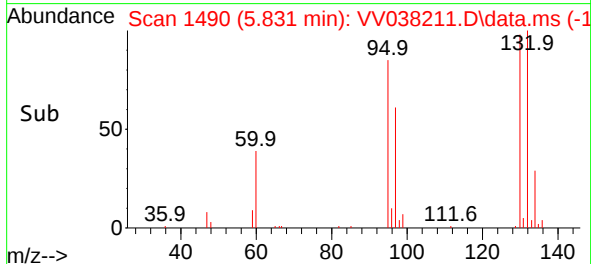
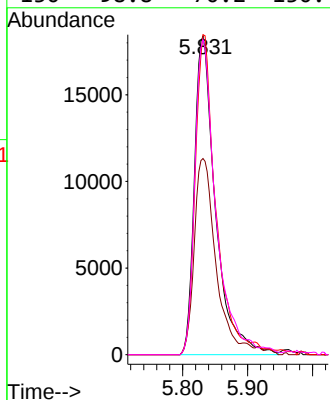


#34
Trichloroethene
Concen: 2.226 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Instrument :
MSVOA_V
ClientSampleId :

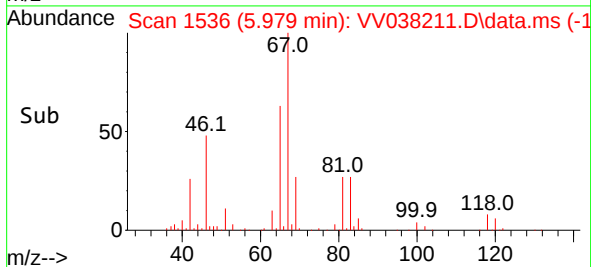
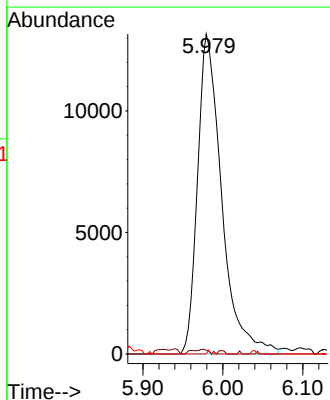
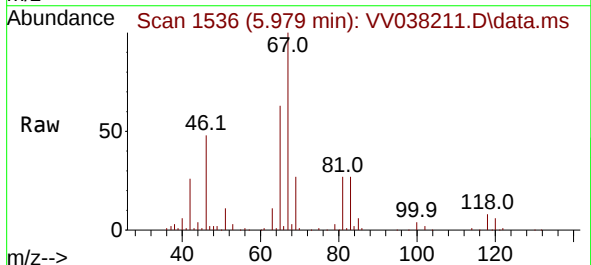


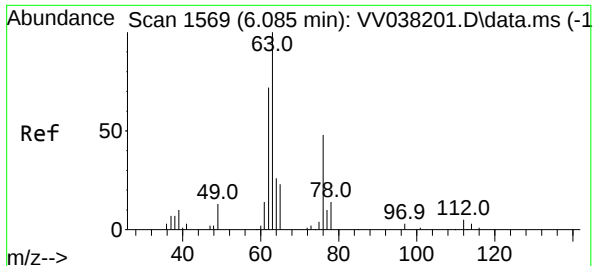
Tgt Ion	Resp	Ion	Ratio	Lower	Upper
95	41553	95	100		
		97	61.6	44.8	83.2
		132	100.4	68.3	126.8
		130	98.8	70.2	130.4



#35
Methylcyclohexane
Concen: 1.047 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
83	27646	83	100		
		55	0.9	59.7	89.5#
		98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

Instrument :

MSVOA_V

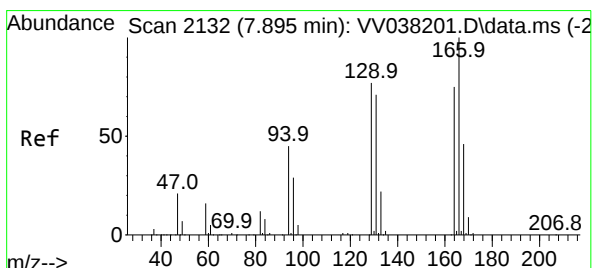
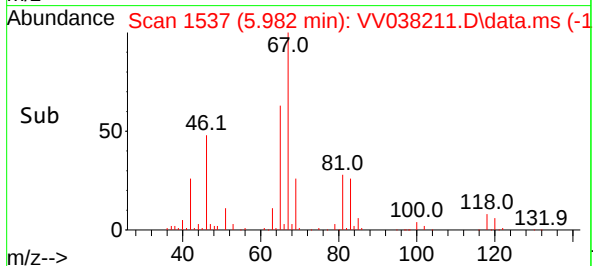
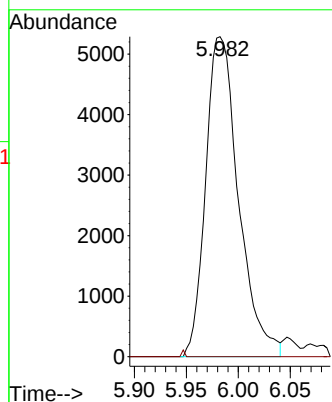
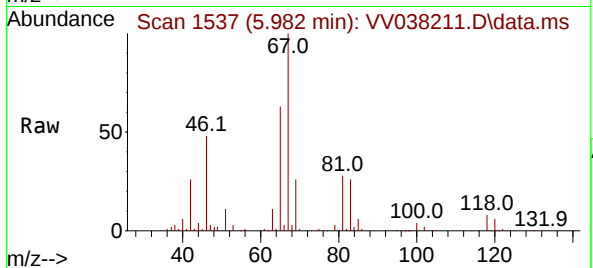
ClientSampleId :

Tgt Ion: 63 Resp: 11642

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#47

Tetrachloroethene

Concen: 11.372 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

Tgt Ion:164 Resp: 170610

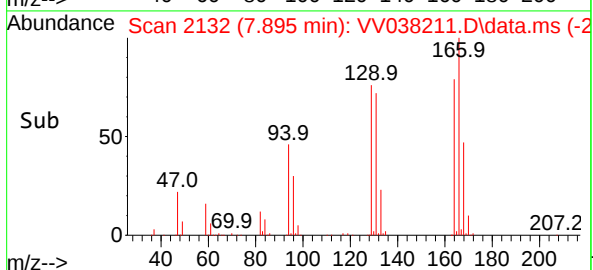
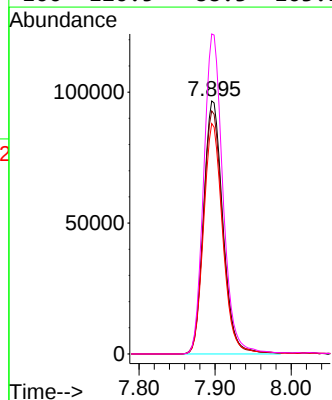
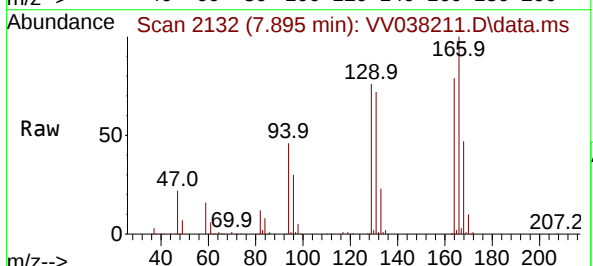
Ion Ratio Lower Upper

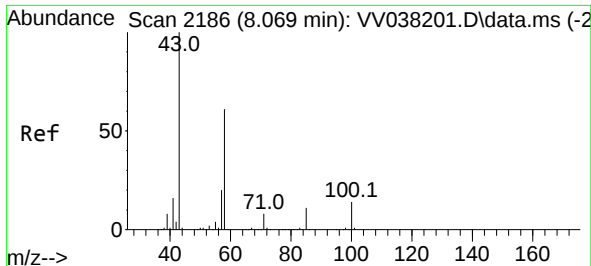
164 100

129 96.1 68.5 127.1

131 91.1 64.8 120.4

166 126.5 88.3 163.9

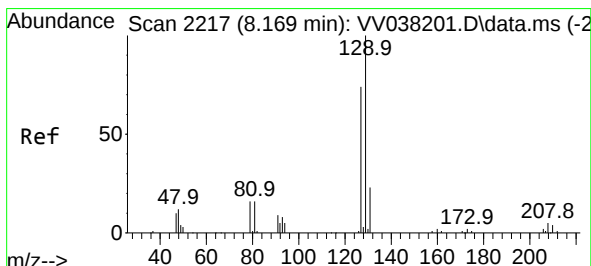
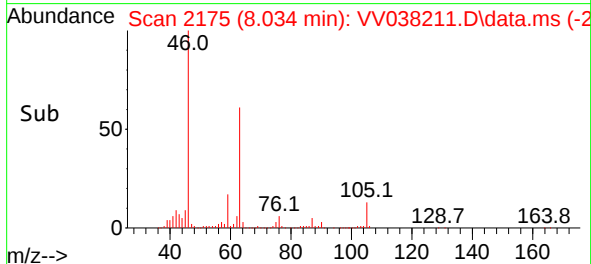
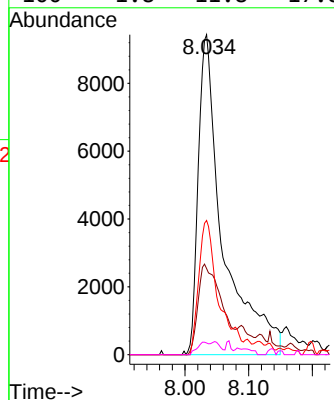
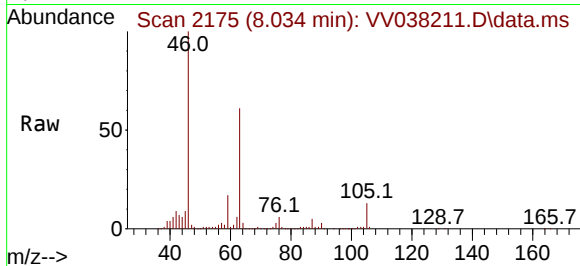




#48
2-Hexanone
Concen: 3.909 ug/L
RT: 8.034 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

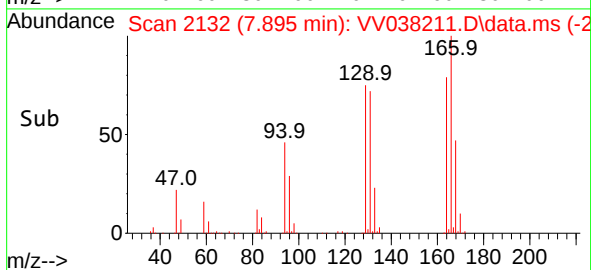
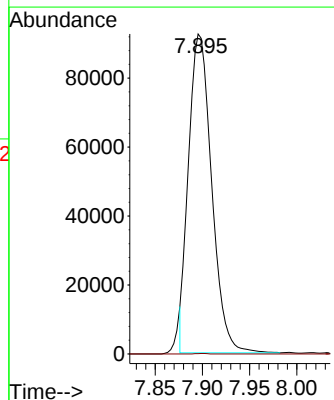
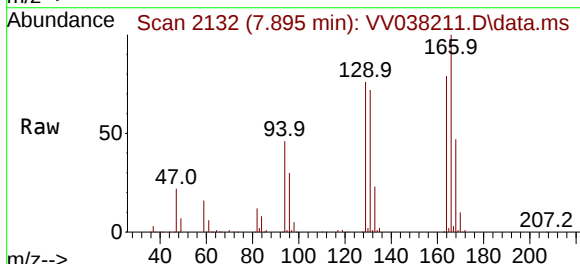
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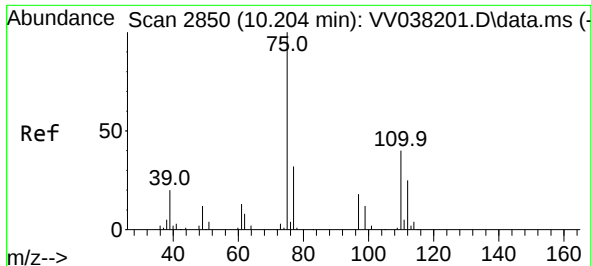
Tgt Ion: 43	Resp: 25451
Ion Ratio	Lower Upper
43 100	
58 27.1	49.2 73.8#
57 33.7	16.9 25.3#
100 1.8	11.8 17.8#



#49
Dibromochloromethane
Concen: 10.349 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Tgt Ion:129	Resp: 156990
Ion Ratio	Lower Upper
129 100	
127 0.1	53.5 99.3#

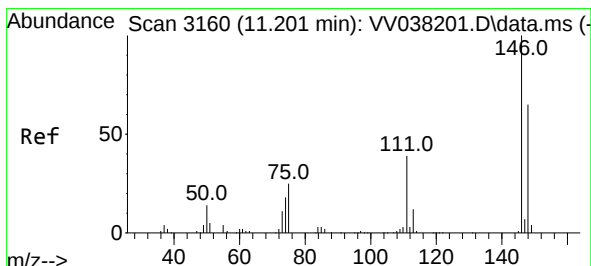
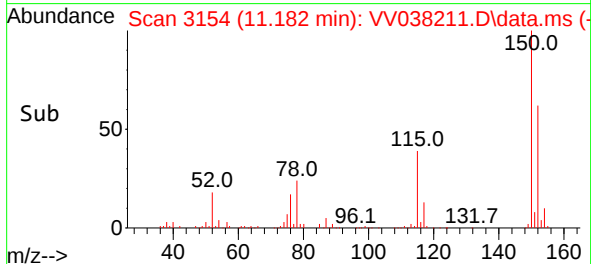
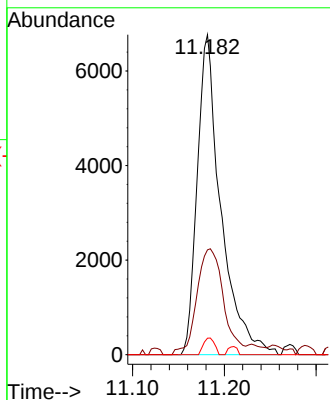
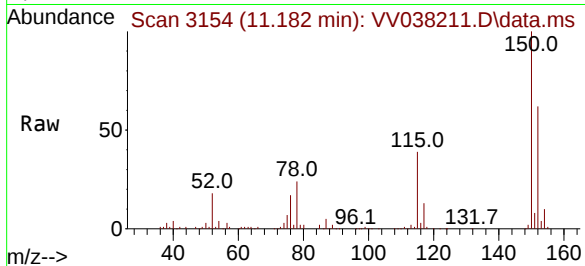




#61
1,2,3-Trichloropropane
Concen: 1.369 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 12106
Ion Ratio Lower Upper
75 100
77 37.4 26.4 39.6
110 2.5 32.3 48.5#



#65
1,4-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.013 min
Lab File: VV038211.D
Acq: 20 Nov 2024 13:31

Tgt Ion:146 Resp: 3899
Ion Ratio Lower Upper
146 100
111 28.2 27.4 50.8
148 48.1 44.4 82.4

