

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038207.D
 Acq On : 20 Nov 2024 11:55
 Operator : SY/MD
 Sample : P4882-02DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

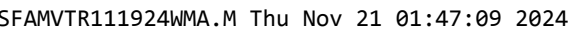
Quant Time: Nov 21 01:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

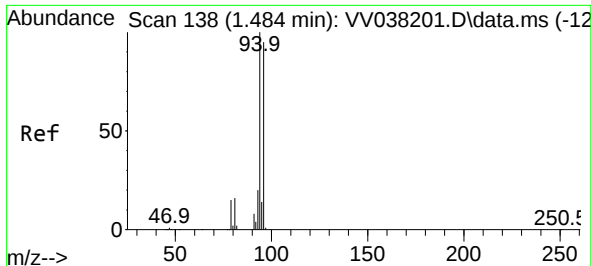
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	181095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	193943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	82763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70368	5.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.526	69	62901	5.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.044	65	32969	5.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	3.812	46	190143	68.476	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.960%#
24) Chloroform-d	4.240	84	165204	6.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.600%
26) 1,2-Dichloroethane-d4	4.937	65	81496	6.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.800%#
32) Benzene-d6	4.950	84	297880	5.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.800%
36) 1,2-Dichloropropane-d6	5.982	67	98511	6.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.800%
41) Toluene-d8	7.240	98	240311	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.558	79	34658	6.044	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.800%
46) 2-Hexanone-d5	8.034	63	161363	72.388	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.780%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	84727	6.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	11.558	152	96896	6.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.400%#
Target Compounds						Qvalue
6) Bromomethane	1.484	94	1390	0.213	ug/L	88
9) Trichlorofluoromethane	1.700	101	252842	10.627	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	5104	0.376	ug/L	89
16) Methylene chloride	2.436	84	7229	0.490	ug/L	90
19) 1,1-Dichloroethane	3.105	63	11953	0.483	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	3343	0.237	ug/L	96
25) Chloroform	4.262	83	4280	0.162	ug/L #	70
29) 1,1,1-Trichloroethane	4.500	97	4348	0.187	ug/L	93
34) Trichloroethene	5.831	95	44764	3.014	ug/L	97
37) 1,2-Dichloropropane	5.979	63	10207	0.748	ug/L #	86
44) trans-1,3-Dichloropropene	7.561	75	1406	0.087	ug/L #	76
47) Tetrachloroethene	7.908	164	6426	0.538	ug/L	98
48) 2-Hexanone	8.034	43	23416	4.521	ug/L #	63
49) Dibromochloromethane	7.905	129	6449	0.535	ug/L #	11
61) 1,2,3-Trichloropropane	11.182	75	9390	1.325	ug/L #	65

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

Quant Time: Nov 21 01:47:00 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

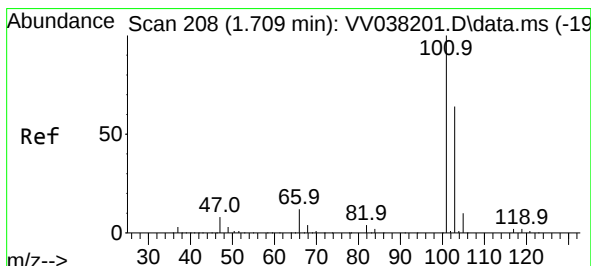
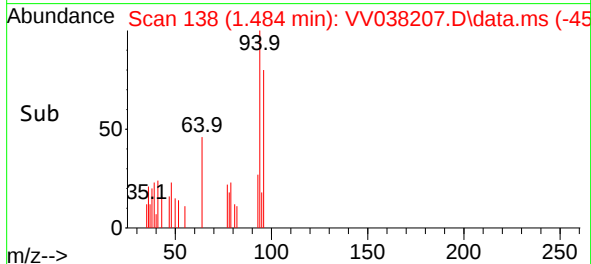
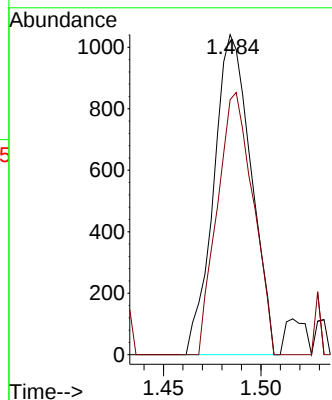
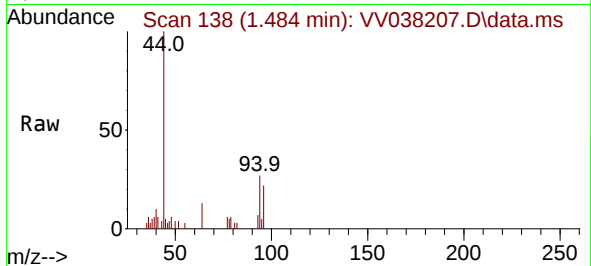




#6
Bromomethane
Concen: 0.213 ug/L
RT: 1.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

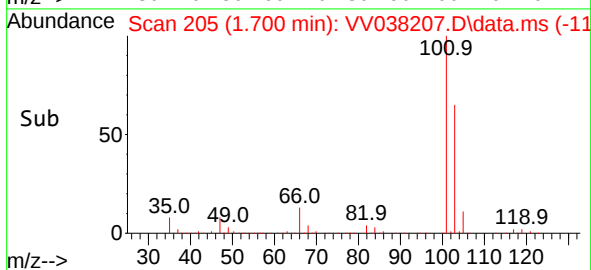
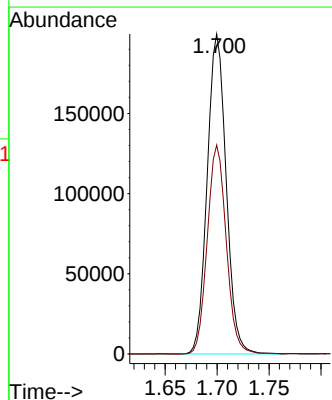
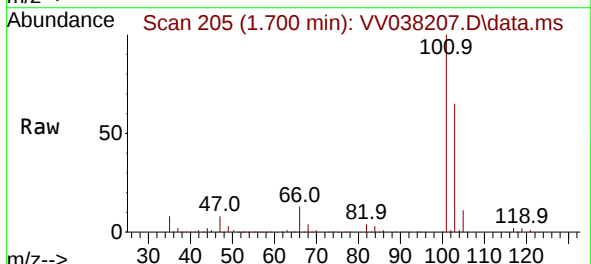
Instrument :
MSVOA_V
ClientSampleId :

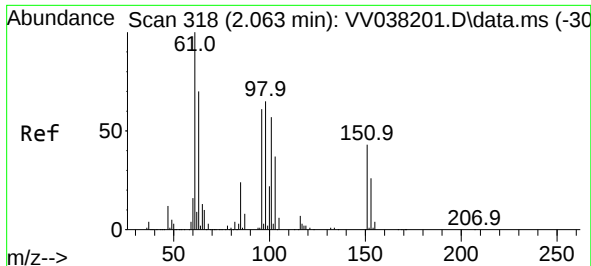
Tgt Ion: 94 Resp: 1390
Ion Ratio Lower Upper
94 100
96 79.6 63.7 118.3



#9
Trichlorofluoromethane
Concen: 10.627 ug/L
RT: 1.700 min Scan# 205
Delta R.T. -0.010 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

Tgt Ion:101 Resp: 252842
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

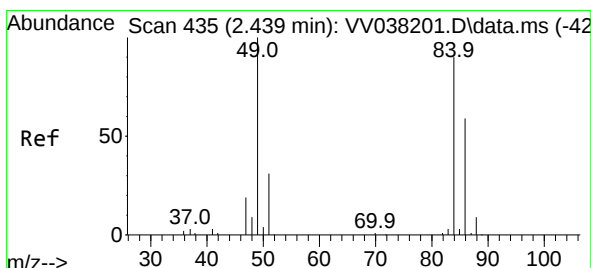
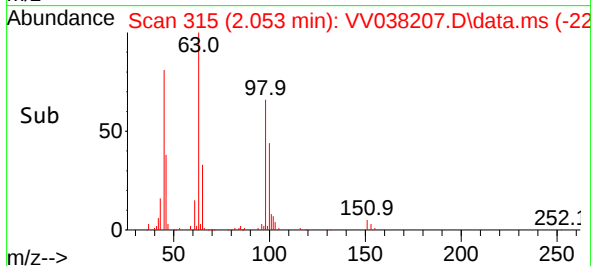
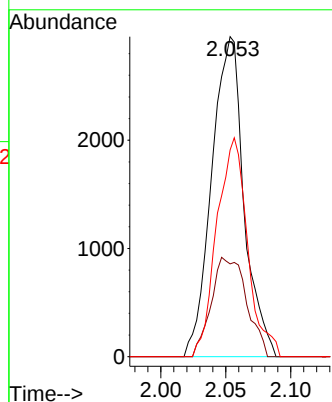
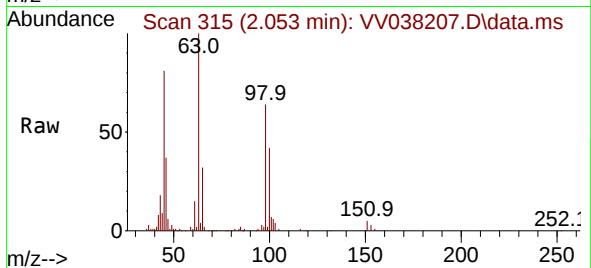




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.376 ug/L
RT: 2.053 min Scan# 318
Delta R.T. -0.010 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

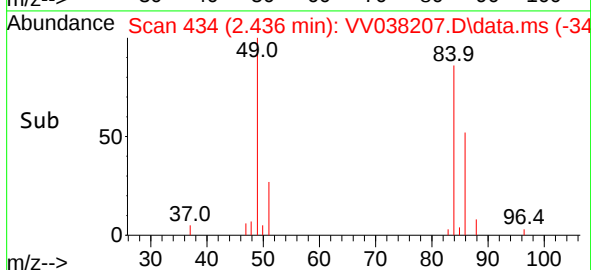
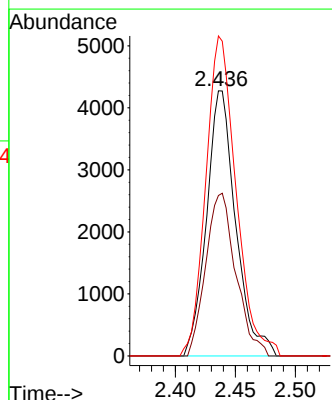
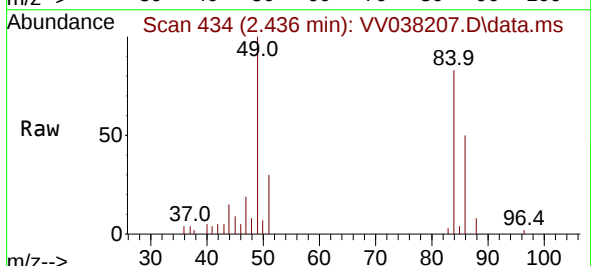
Instrument :
MSVOA_V
ClientSampleId :

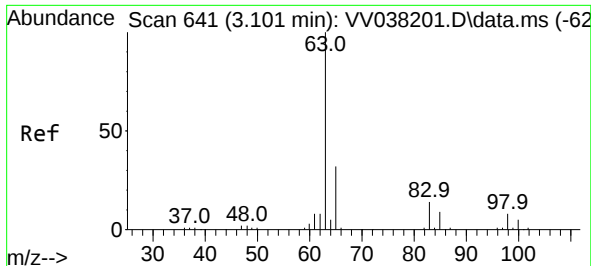
Tgt Ion:101 Resp: 5104
Ion Ratio Lower Upper
101 100
85 33.9 33.4 50.0
151 65.3 58.8 88.2



#16
Methylene chloride
Concen: 0.490 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

Tgt Ion: 84 Resp: 7229
Ion Ratio Lower Upper
84 100
86 60.5 44.2 82.2
49 120.7 74.9 139.1

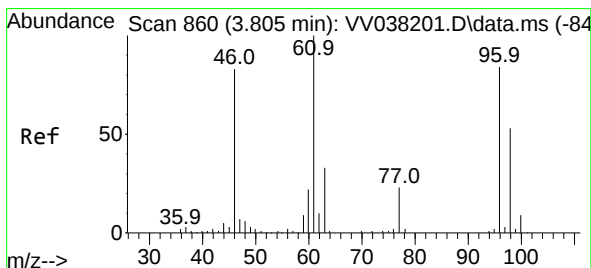
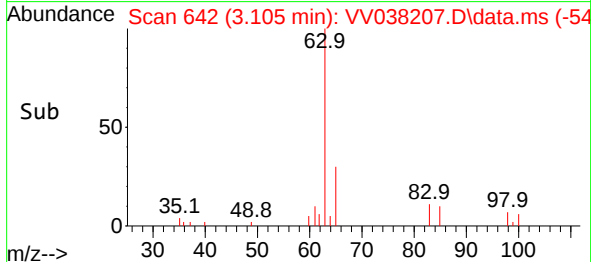
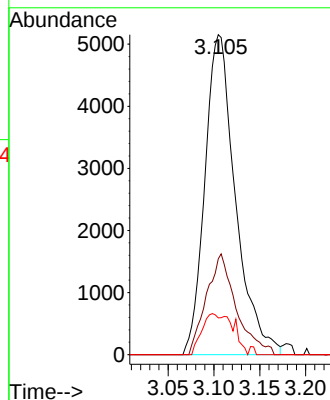
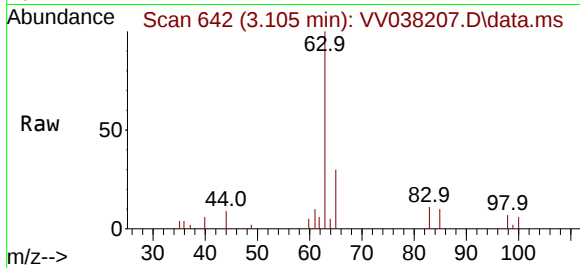




#19
1,1-Dichloroethane
Concen: 0.483 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

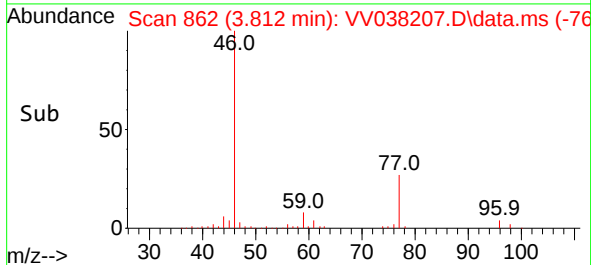
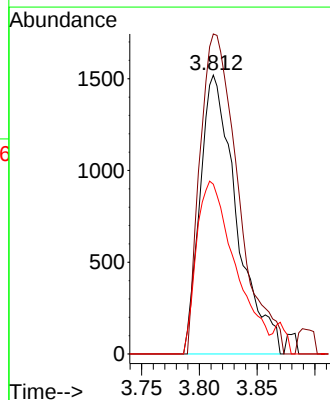
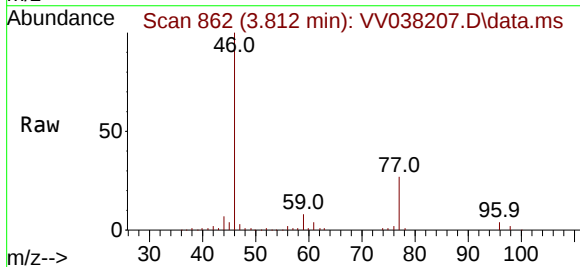
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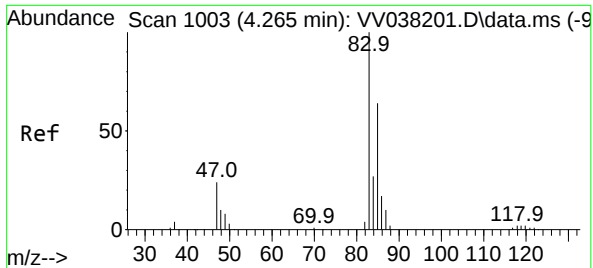
Tgt Ion: 63 Resp: 11953
Ion Ratio Lower Upper
63 100
65 29.9 22.5 41.7
83 11.5 10.1 18.9



#22
cis-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

Tgt Ion: 96 Resp: 3343
Ion Ratio Lower Upper
96 100
61 114.7 82.7 153.5
98 60.9 46.3 85.9





#25

Chloroform

Concen: 0.162 ug/L

RT: 4.262 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV038207.D

Acq: 20 Nov 2024 11:55

Instrument :

MSVOA_V

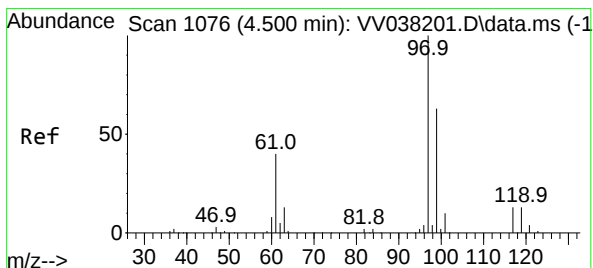
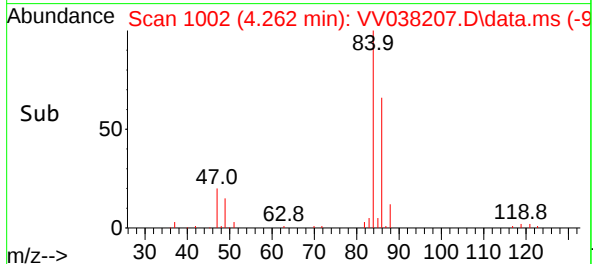
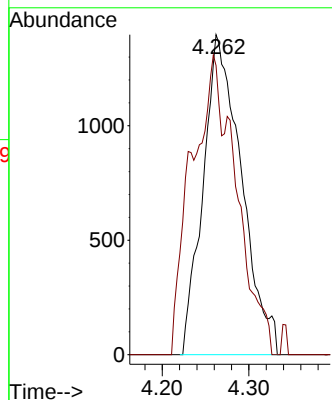
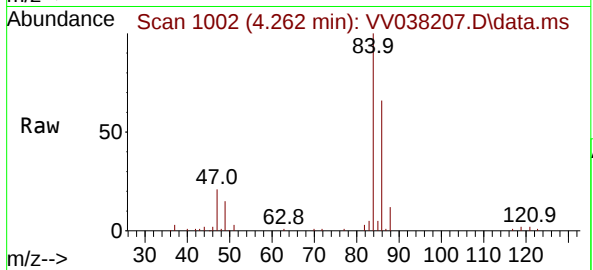
ClientSampleId :

Tgt Ion: 83 Resp: 4280

Ion Ratio Lower Upper

83 100

85 90.3 46.5 86.3#



#29

1,1,1-Trichloroethane

Concen: 0.187 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038207.D

Acq: 20 Nov 2024 11:55

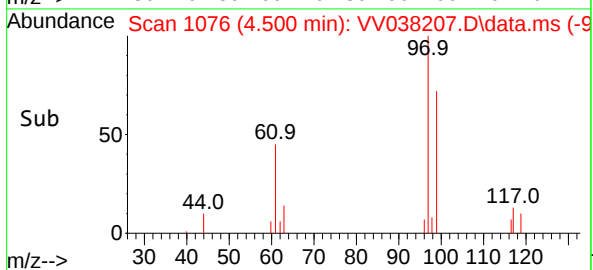
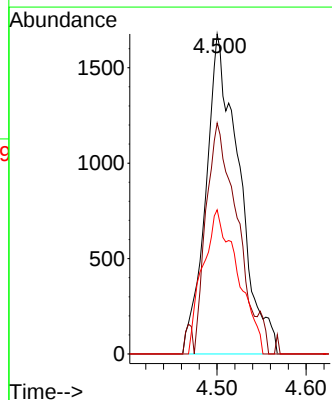
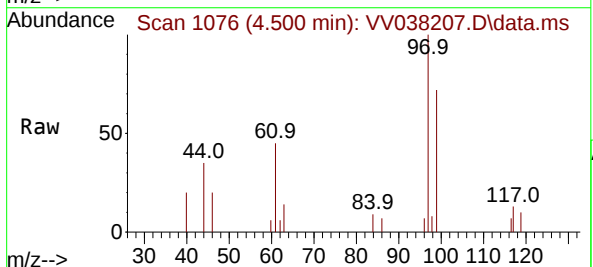
Tgt Ion: 97 Resp: 4348

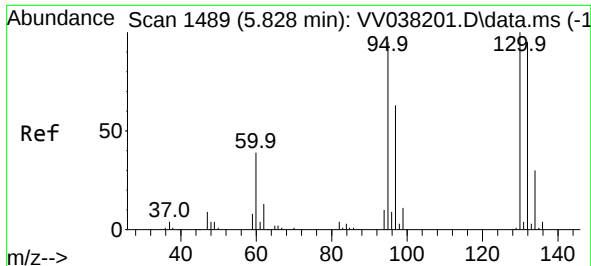
Ion Ratio Lower Upper

97 100

99 68.6 51.8 77.8

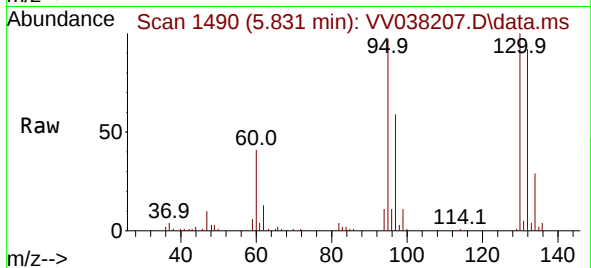
61 47.4 32.2 48.2



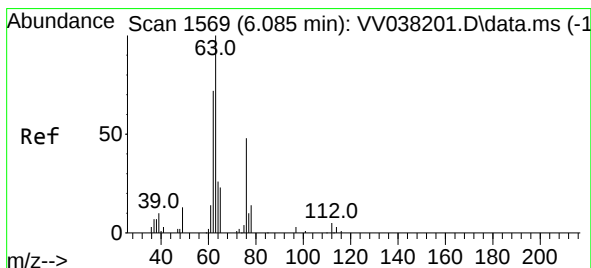
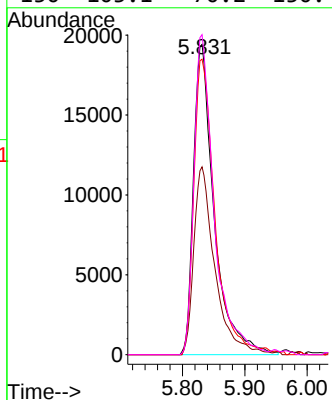
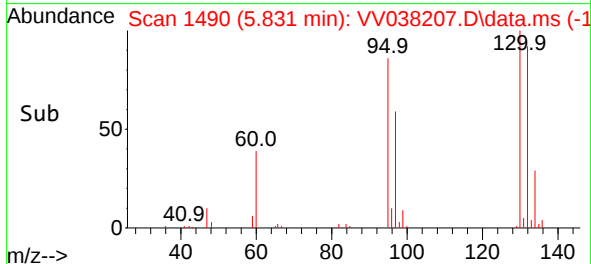


#34
Trichloroethene
Concen: 3.014 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

Instrument :
MSVOA_V
ClientSampleId :

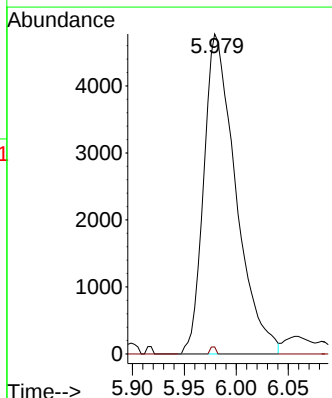
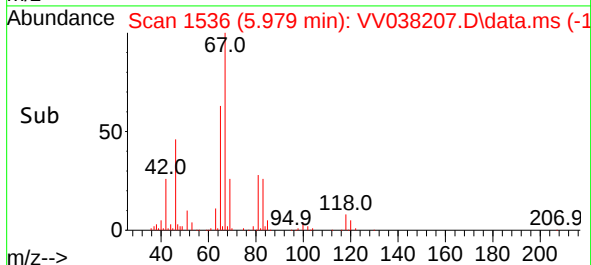
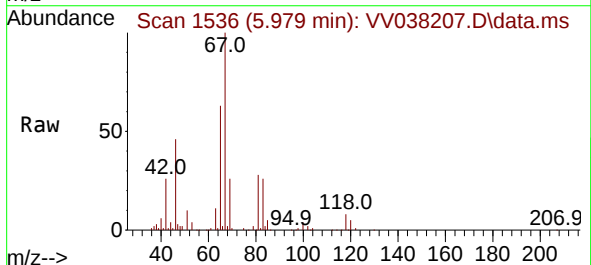


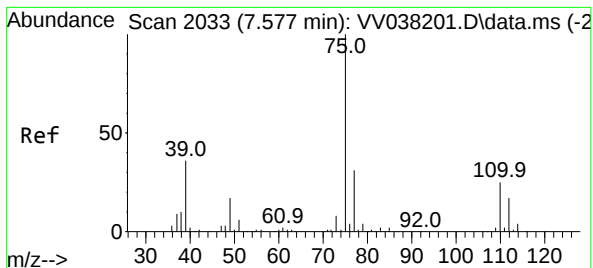
Tgt Ion: 95 Resp: 44764
Ion Ratio Lower Upper
95 100
97 60.5 44.8 83.2
132 95.3 68.3 126.8
130 103.1 70.2 130.4



#37
1,2-Dichloropropane
Concen: 0.748 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

Tgt Ion: 63 Resp: 10207
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.561 min Scan# 2033

Delta R.T. -0.016 min

Lab File: VV038207.D

Acq: 20 Nov 2024 11:55

Instrument :

MSVOA_V

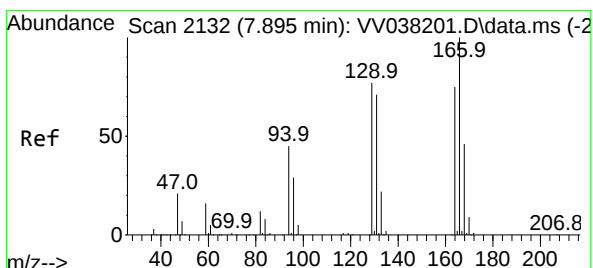
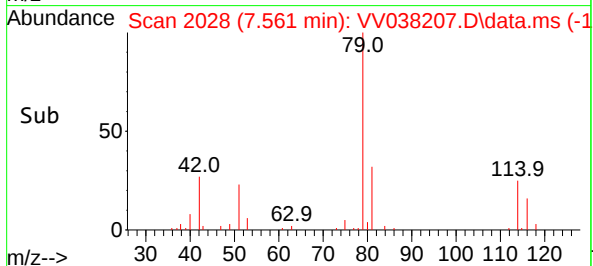
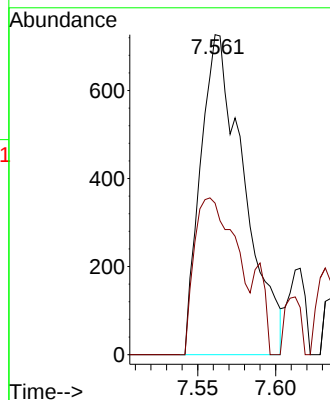
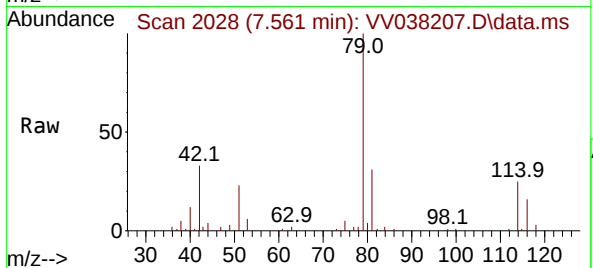
ClientSampleId :

Tgt Ion: 75 Resp: 1406

Ion Ratio Lower Upper

75 100

77 47.3 23.4 43.4#



#47

Tetrachloroethene

Concen: 0.538 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.013 min

Lab File: VV038207.D

Acq: 20 Nov 2024 11:55

Tgt Ion: 164 Resp: 6426

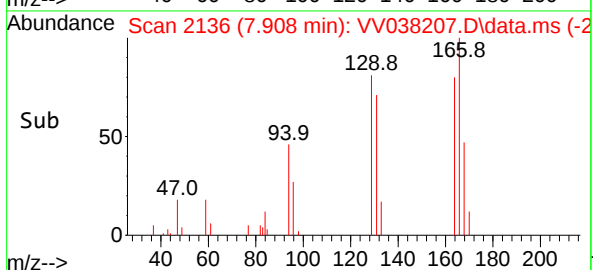
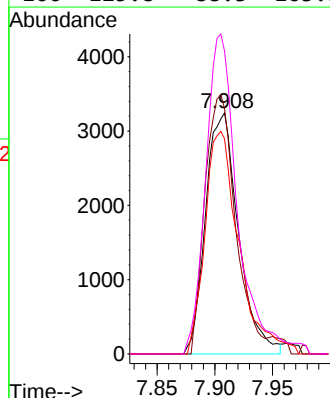
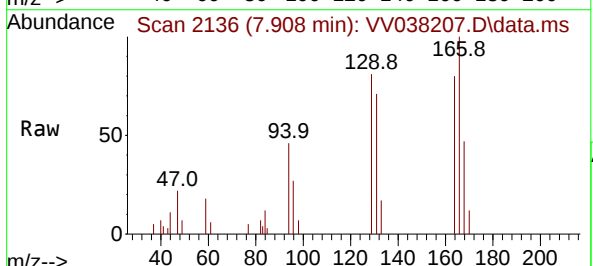
Ion Ratio Lower Upper

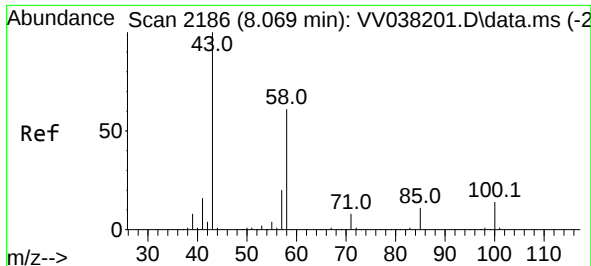
164 100

129 101.9 68.5 127.1

131 89.3 64.8 120.4

166 125.8 88.3 163.9

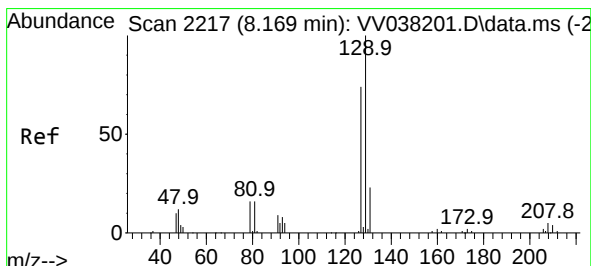
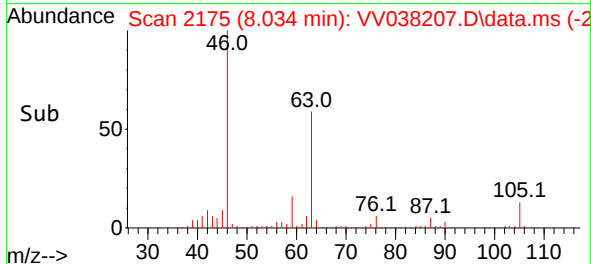
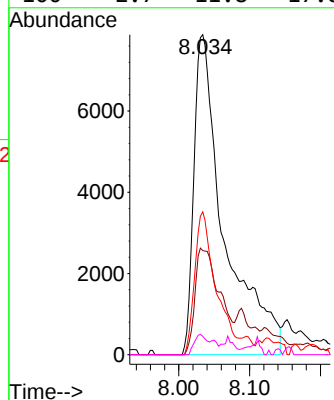
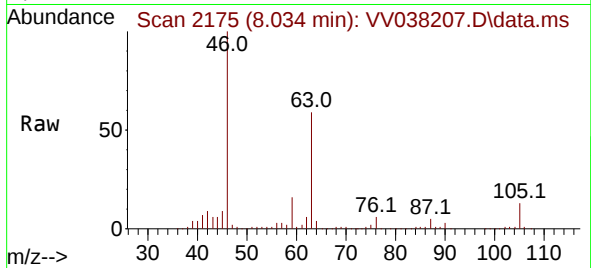




#48
2-Hexanone
Concen: 4.521 ug/L
RT: 8.034 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

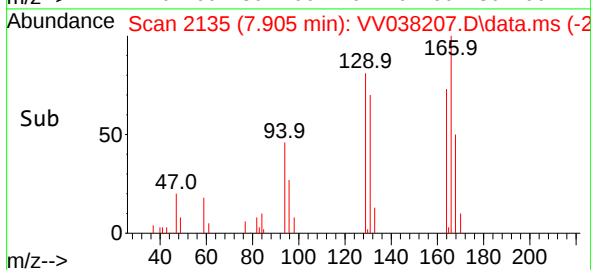
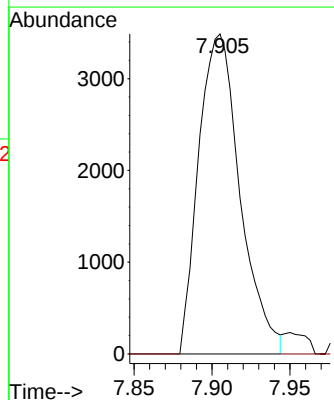
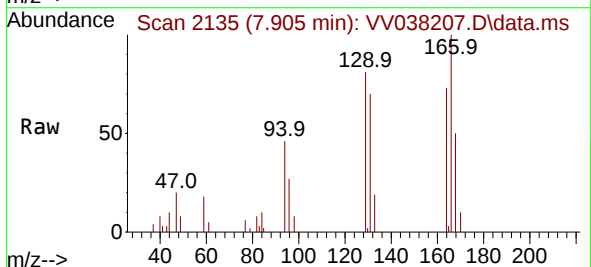
Instrument :
MSVOA_V
ClientSampleId :

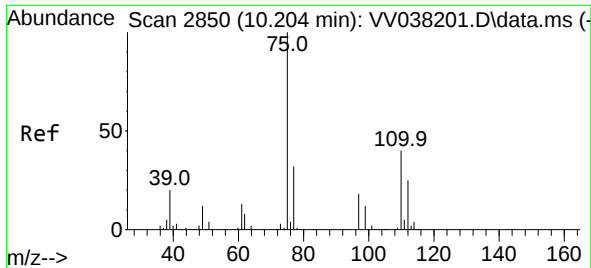
Tgt Ion: 43	Resp: 23416
Ion Ratio	Lower Upper
43 100	
58 27.7	49.2 73.8#
57 31.8	16.9 25.3#
100 2.7	11.8 17.8#



#49
Dibromochloromethane
Concen: 0.535 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.264 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

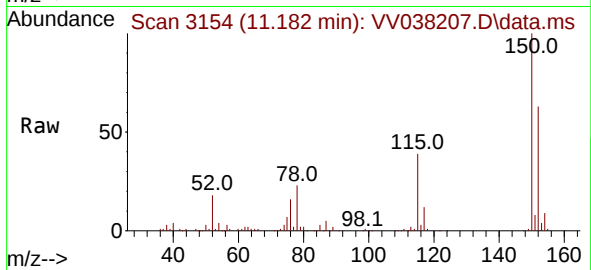
Tgt Ion: 129	Resp: 6449
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.325 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.978 min
 Lab File: VV038207.D
 Acq: 20 Nov 2024 11:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	9390
Ion Ratio	Lower	Upper
75	100	
77	35.3	26.4 39.6
110	2.4	32.3 48.5#

