

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 :
 BG3G9DL

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)

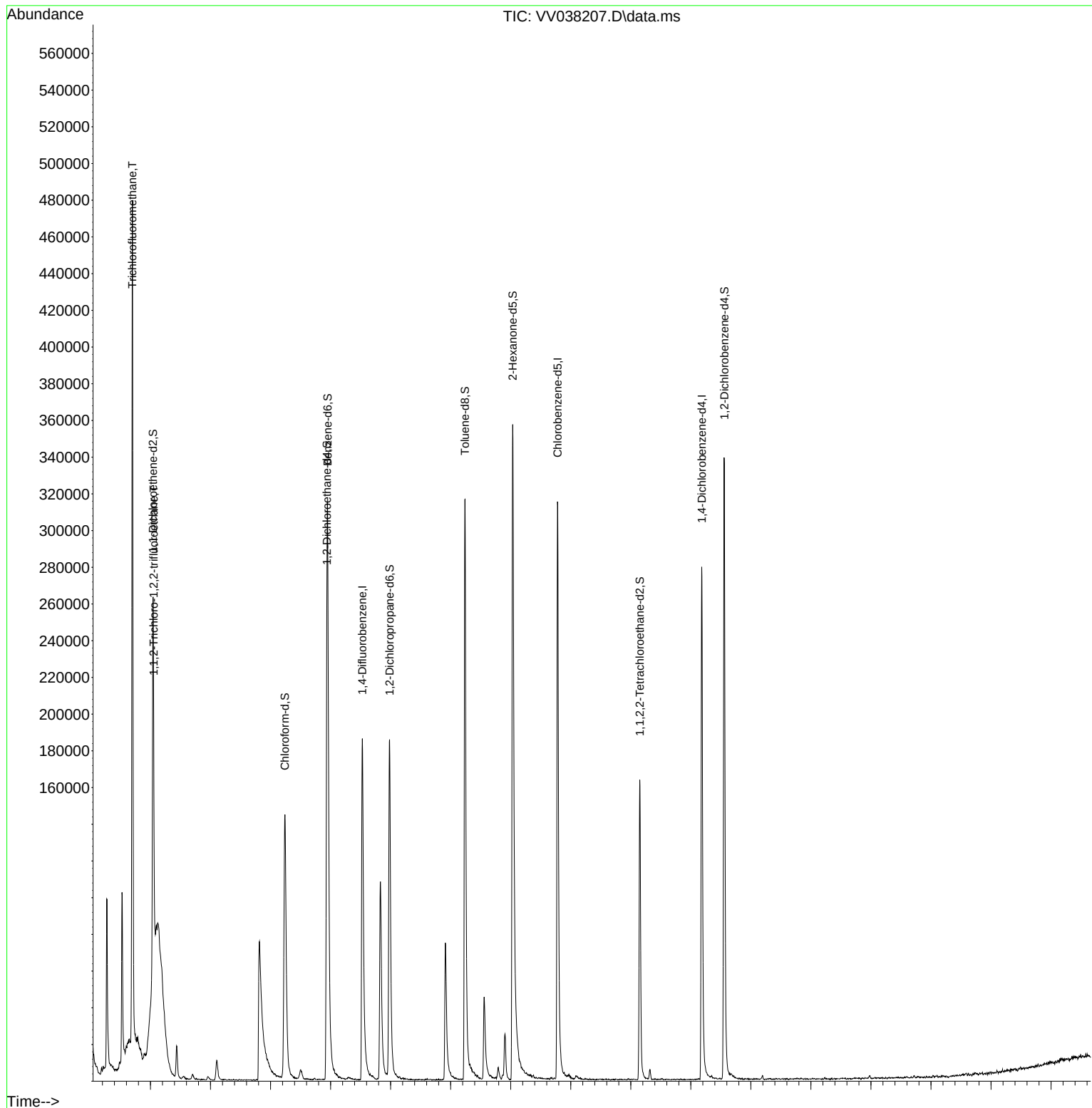
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	181095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	193943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	82763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70368	5.070	ug/L	0.00
Spiked Amount	5.000	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
47) Tetrachloroethene	7.908	164	6426	0.538	ug/L	98

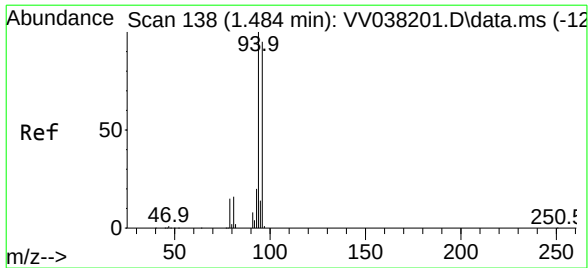
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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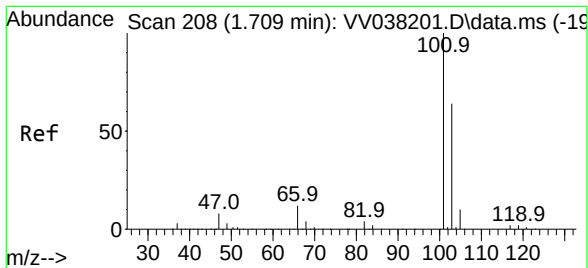
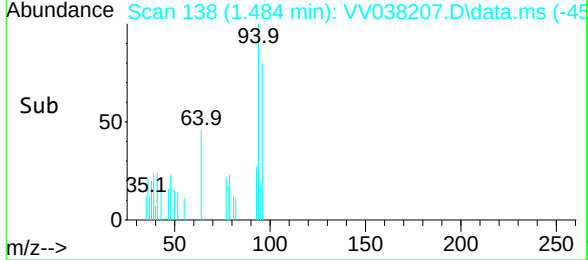
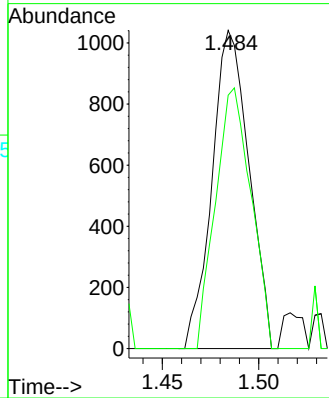
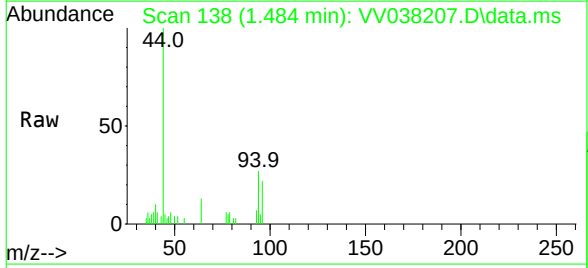




#6
Bromomethane
Concen: 0.213 ug/L
RT: 1.484 min Scan# 13
Delta R.T. 0.000 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

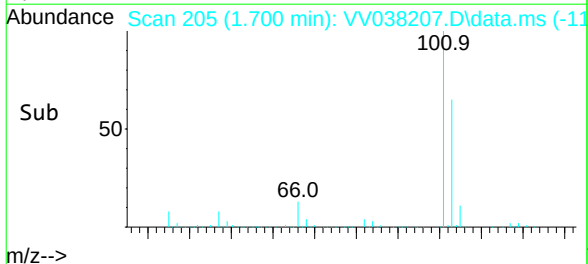
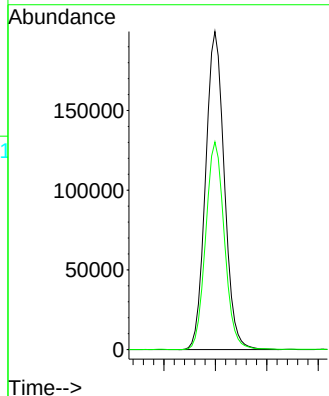
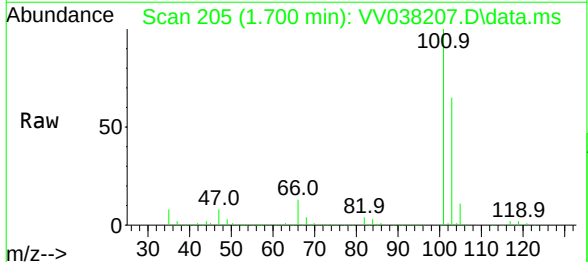
Instrument :
MSVOA_V
ClientSampleId :
BG3G9DL

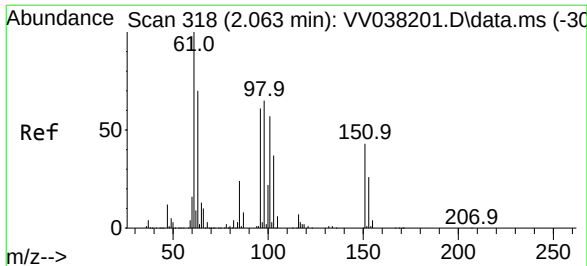
Tgt Ion: 94 Resp: 1390
Ion Ratio Lower Upper
94 100
96 79.6 63.7 118.3



#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

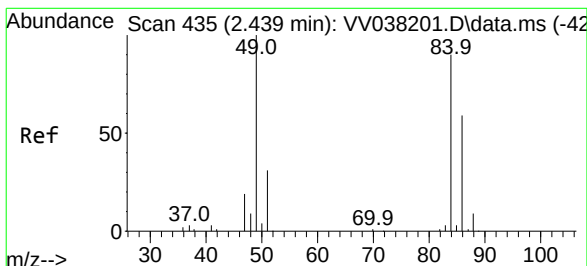
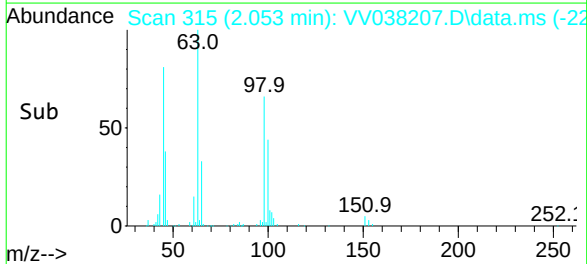
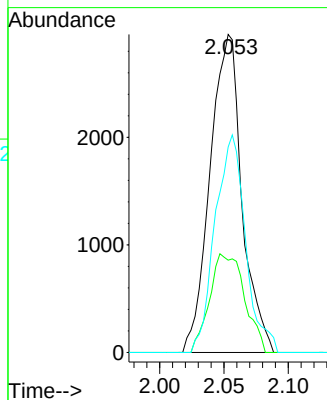
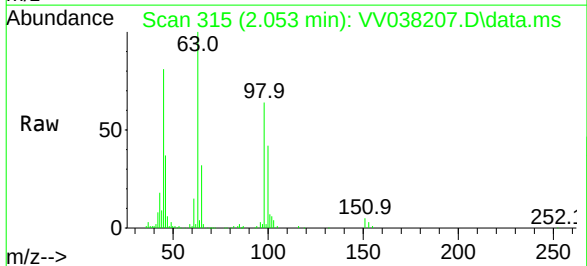




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.376 ug/L
RT: 2.053 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

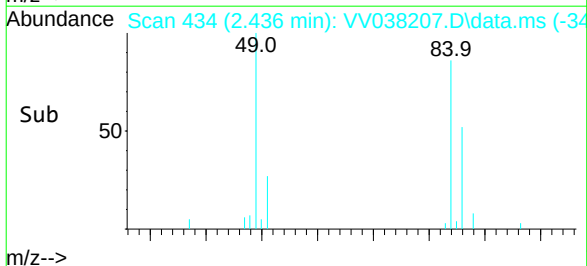
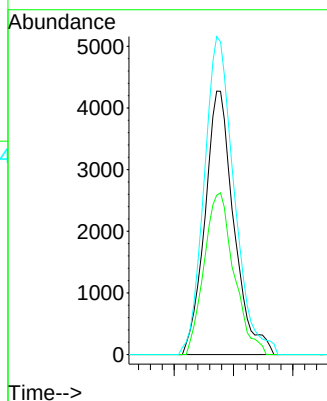
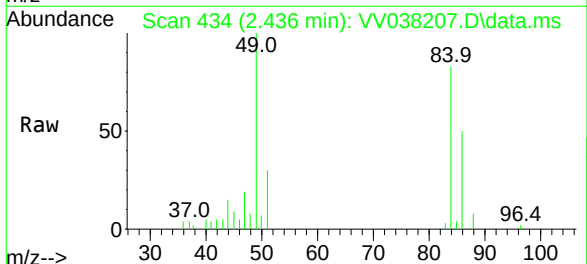
Instrument :
MSVOA_V
ClientSampleId :
BG3G9DL

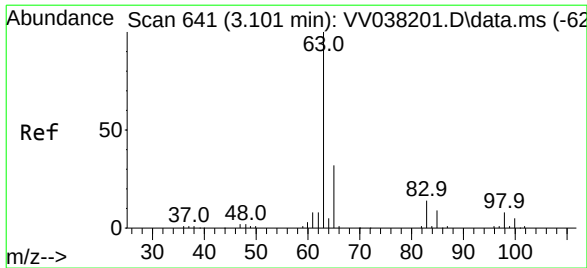
Tgt Ion:101 Resp: 5104
Ion Ratio Lower Upper
101 100
85 33.9 33.4 50.0
151 65.3 58.8 88.2



#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

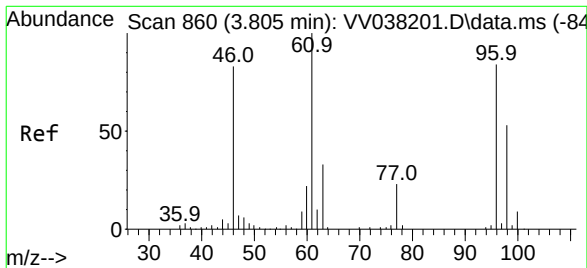
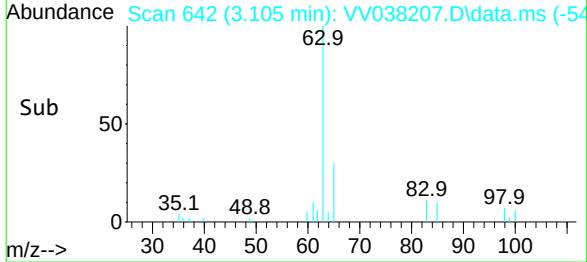
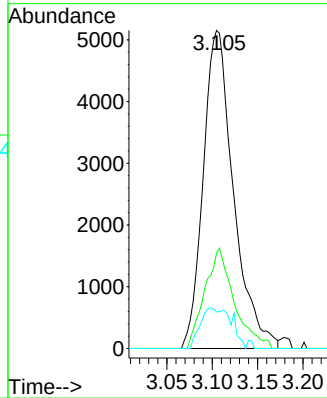
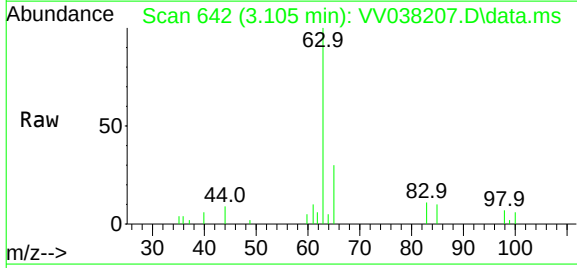




#19
1,1-Dichloroethane
Concen: 0.483 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

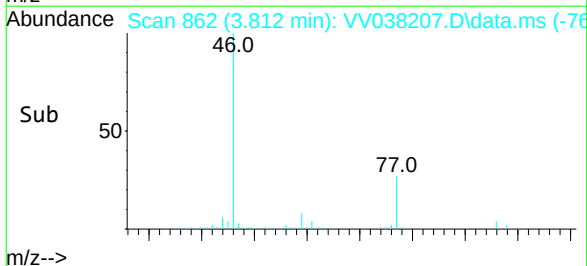
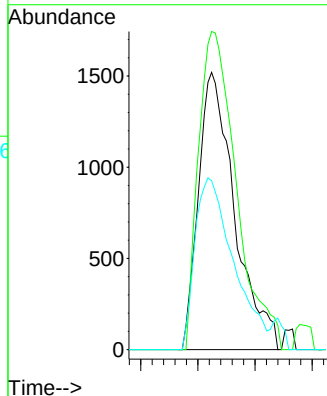
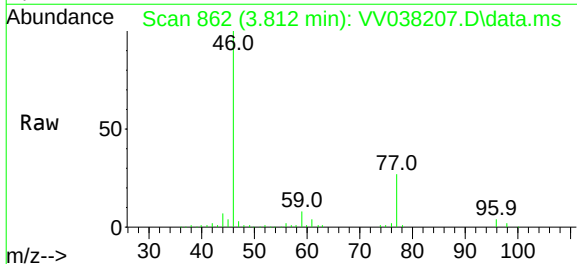
Instrument :
MSVOA_V
ClientSampleId :
BG3G9DL

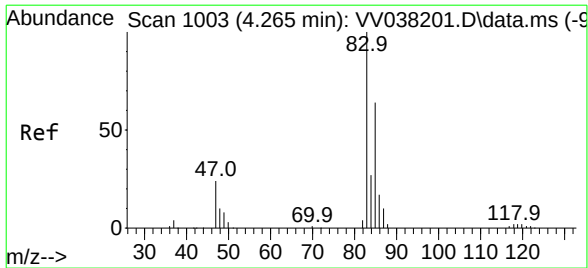
Tgt Ion:	63	Resp:	11953
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.5	41.7
83	11.5	10.1	18.9



#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

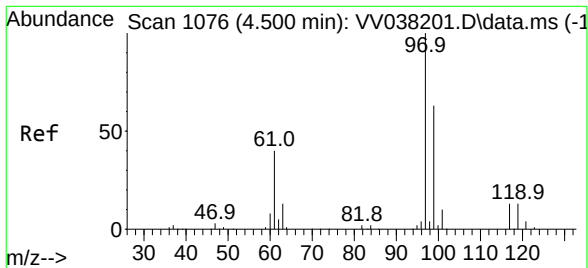
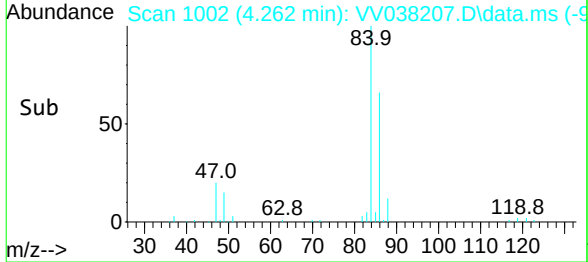
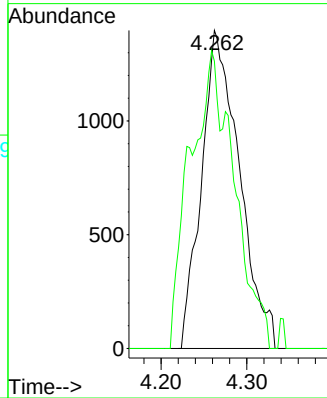
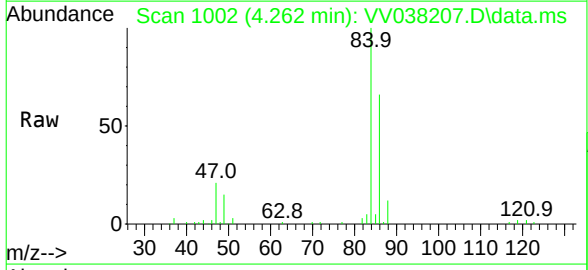




#25
Chloroform
Concen: 0.162 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.003 min
Lab File: VV038207.D
Acq: 20 Nov 2024 11:55

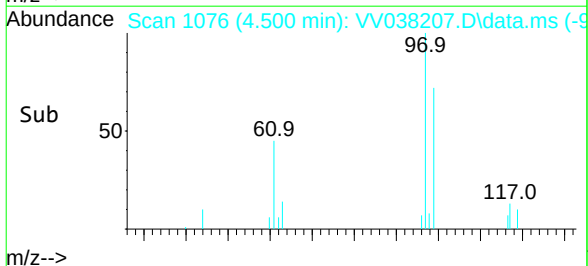
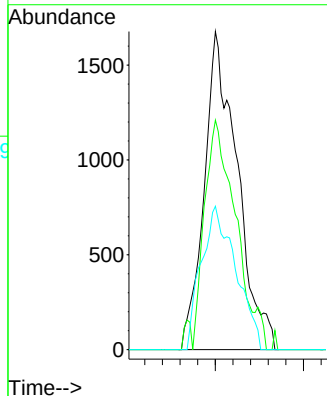
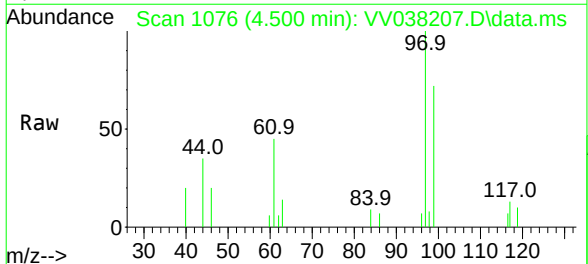
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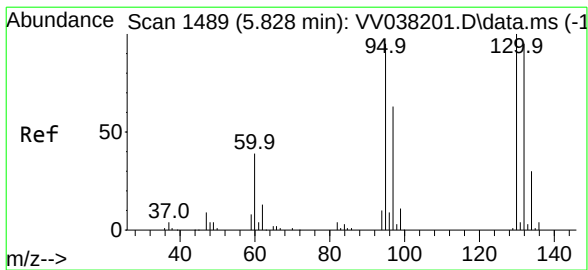
Tgt Ion: 83 Resp: 4280
Ion Ratio Lower Upper
83 100
85 90.3 46.5 86.3#



#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# 14

Delta R.T. 0.003 min

Lab File: VV038207.D

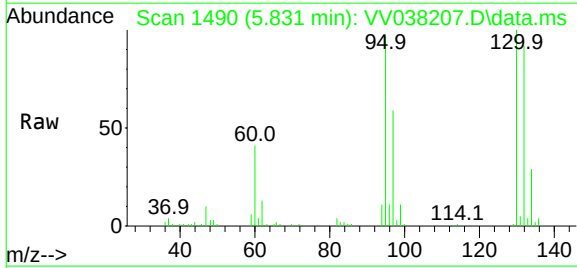
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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 95 Resp: 44764

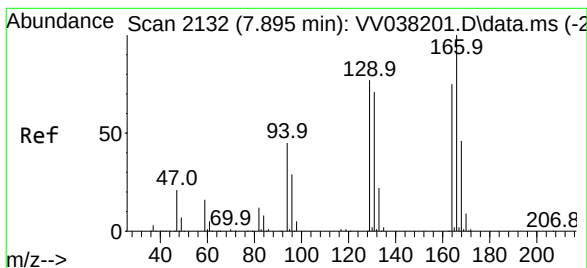
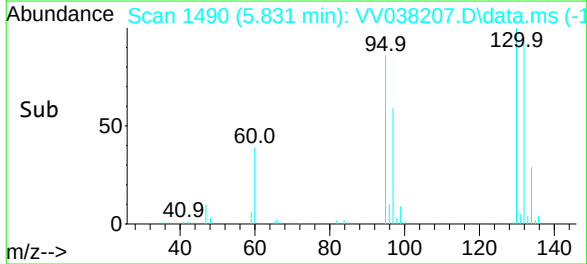
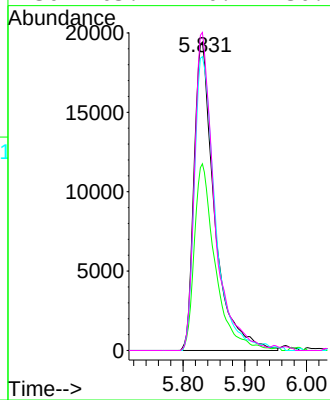
Ion Ratio Lower Upper

95 100

97 60.5 44.8 83.2

132 95.3 68.3 126.8

130 103.1 70.2 130.4



#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

