

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038183.D
 Acq On : 19 Nov 2024 17:44
 Operator : SY/MD
 Sample : P4882-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H2

Quant Time: Nov 20 00:37:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

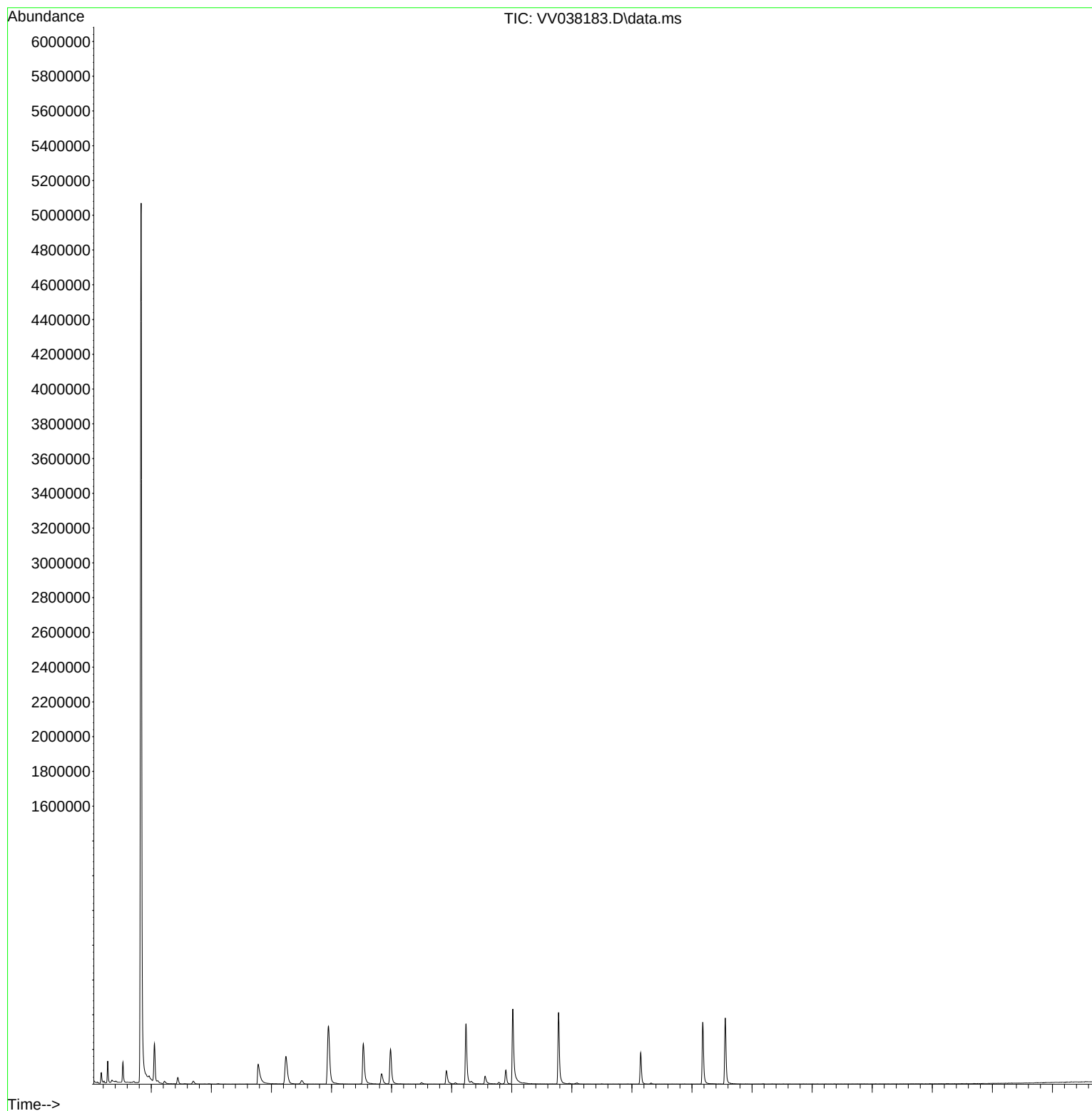
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222289	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	245124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	104619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80535	4.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.529	69	76204	5.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.053	65	36773	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	3.780	46	187391	54.979	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.960%
24) Chloroform-d	4.240	84	177509	5.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	4.937	65	86755	5.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	4.953	84	324384	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.982	67	105403	5.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.236	98	259455	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.555	79	35947	4.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.018	63	163790	58.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91353	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	107653	6.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds					Qvalue	
3) Chloromethane	1.214	50	5917	0.327	ug/L	88
9) Trichlorofluoromethane	1.709	101	4153	0.142	ug/L	100
16) Methylene chloride	2.439	84	16163	0.893	ug/L	92
17) Methyl tert-butyl Ether	2.699	73	16169	0.450	ug/L #	95
25) Chloroform	4.269	83	24230	0.746	ug/L	95
29) 1,1,1-Trichloroethane	4.506	97	17727	0.603	ug/L	99
34) Trichloroethene	5.834	95	24536	1.307	ug/L	97
47) Tetrachloroethene	7.902	164	19016	1.261	ug/L	97

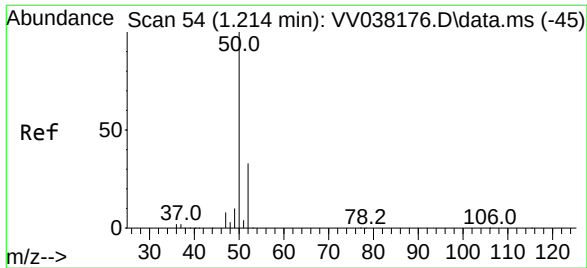
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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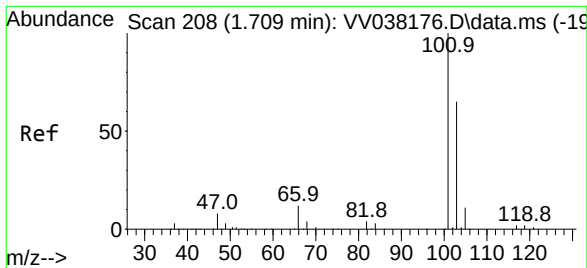
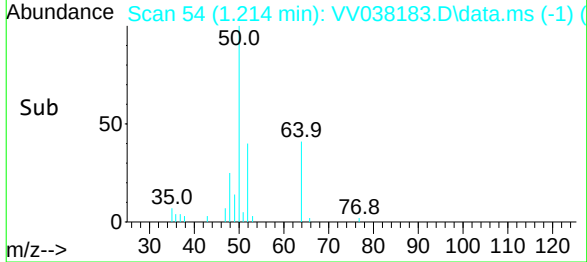
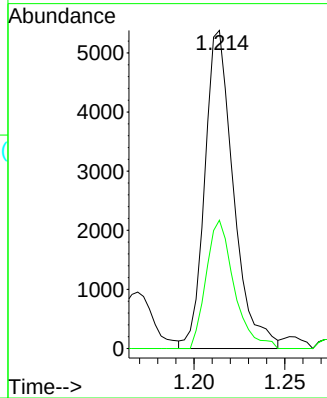
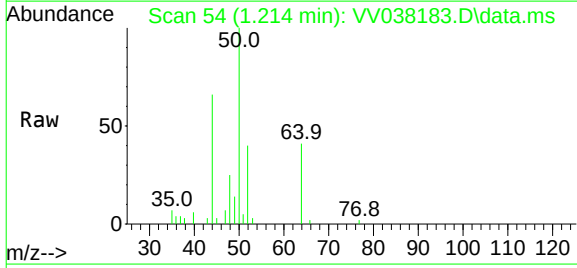




#3
Chloromethane
Concen: 0.327 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

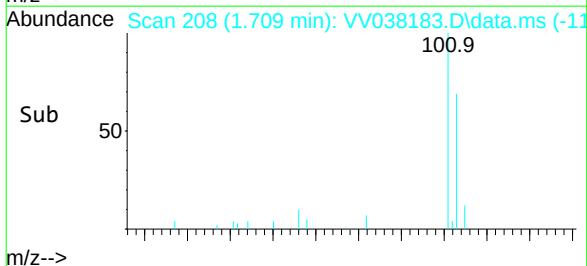
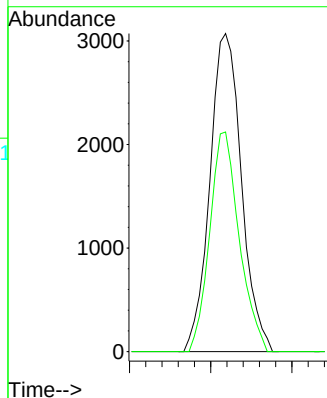
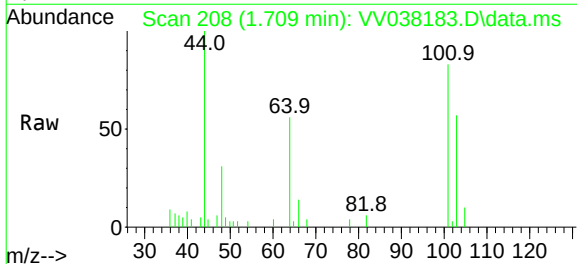
Instrument :
MSVOA_V
ClientSampleId :
BG3H2

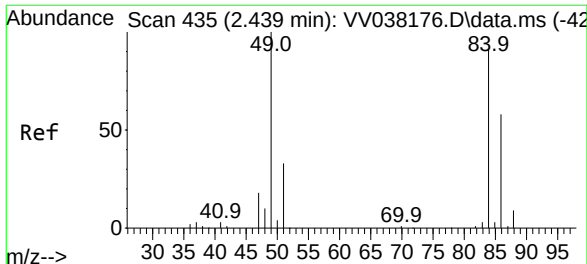
Tgt Ion: 50 Resp: 5917
Ion Ratio Lower Upper
50 100
52 40.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.142 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

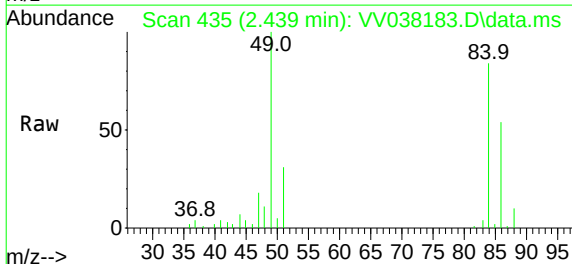
Tgt Ion: 101 Resp: 4153
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3



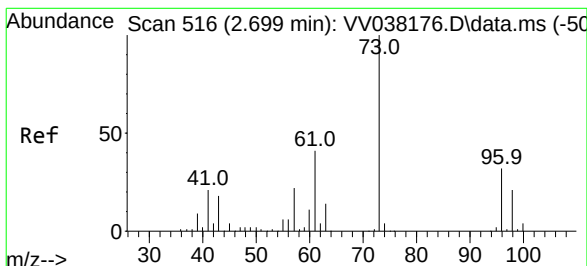
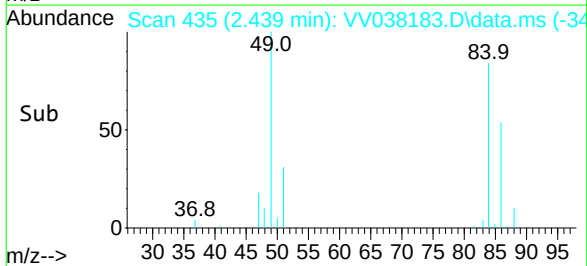
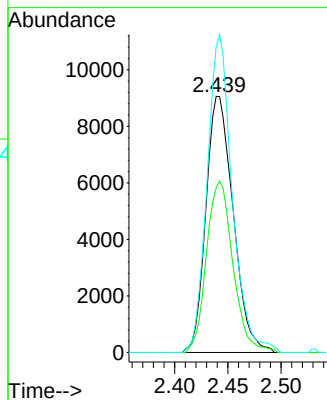


#16
Methylene chloride
Concen: 0.893 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :
BG3H2

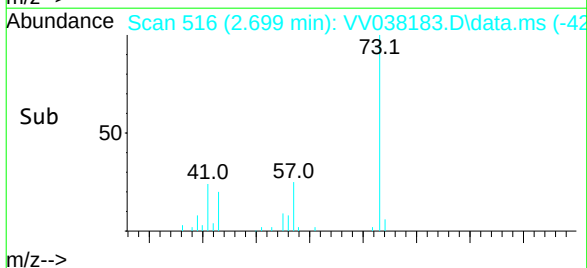
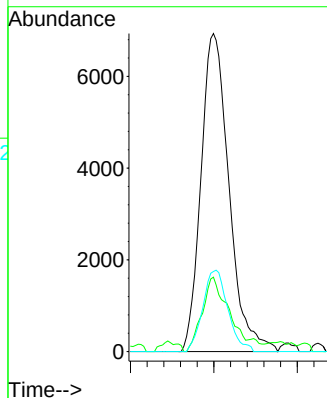
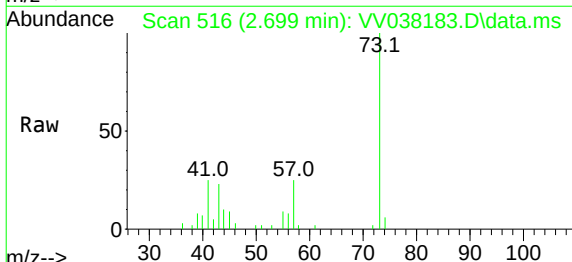


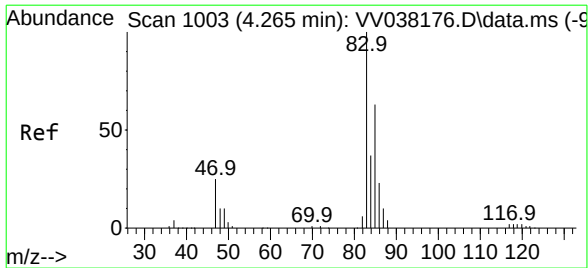
Tgt Ion: 84 Resp: 16163
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.2
49 119.3 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.450 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

Tgt Ion: 73 Resp: 16169
Ion Ratio Lower Upper
73 100
43 22.1 14.2 21.2#
57 22.8 17.6 26.4

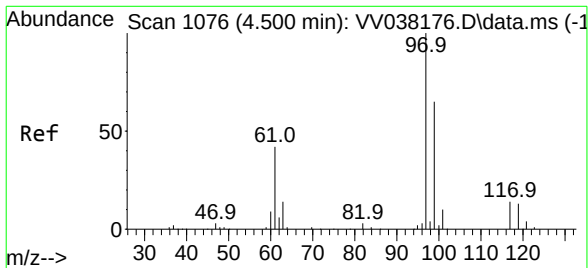
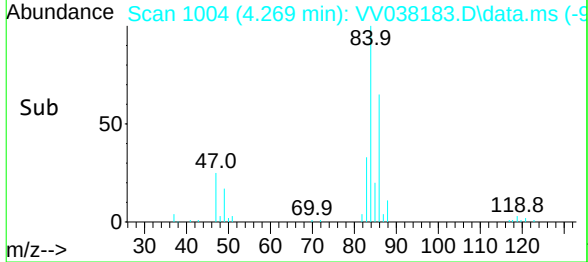
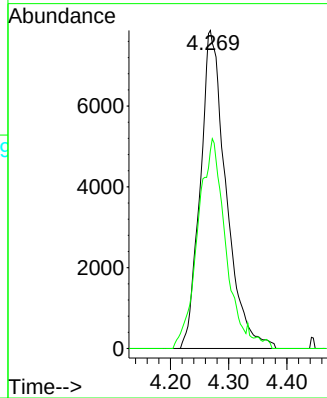
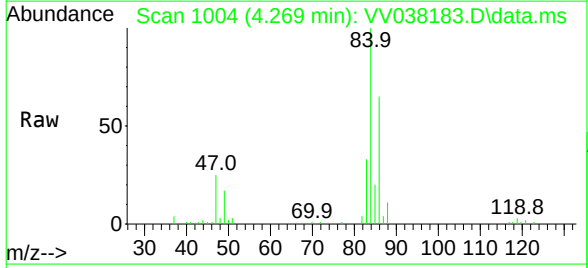




#25
Chloroform
Concen: 0.746 ug/L
RT: 4.269 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

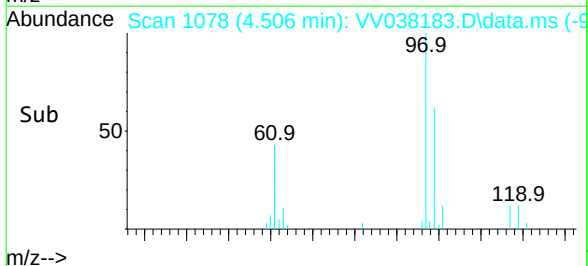
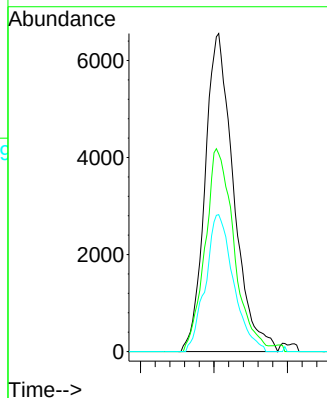
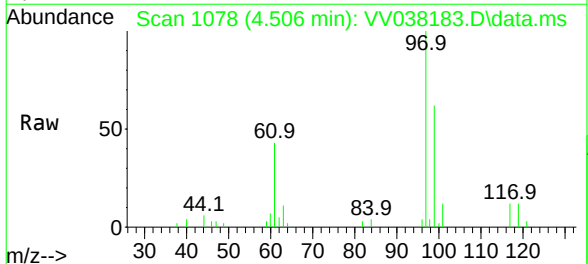
Instrument :
MSVOA_V
ClientSampleId :
BG3H2

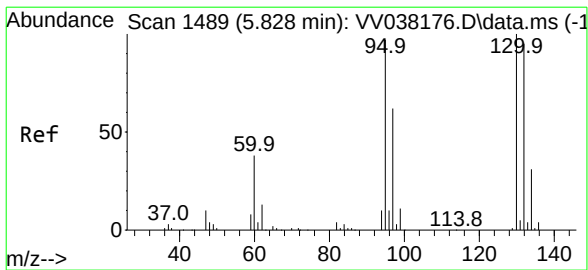
Tgt Ion: 83 Resp: 24230
Ion Ratio Lower Upper
83 100
85 62.2 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 0.603 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV038183.D
Acq: 19 Nov 2024 17:44

Tgt Ion: 97 Resp: 17727
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 42.0 32.2 48.2





#34

Trichloroethene

Concen: 1.307 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.007 min

Lab File: VV038183.D

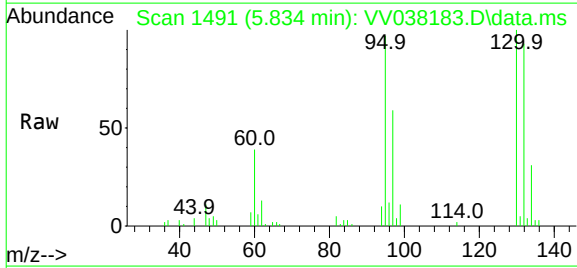
Acq: 19 Nov 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

BG3H2



Tgt Ion: 95 Resp: 24536

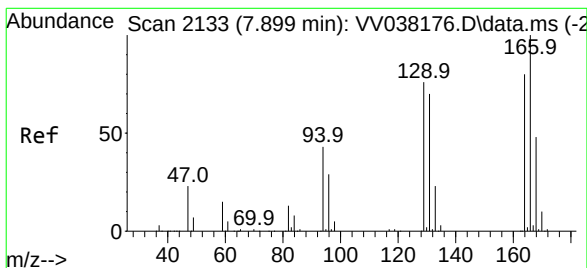
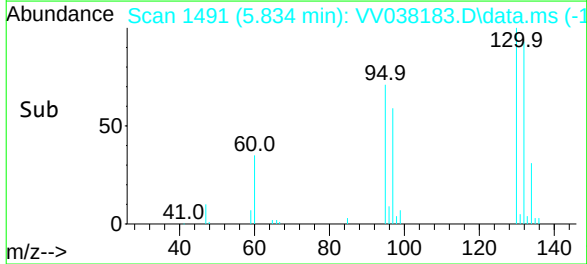
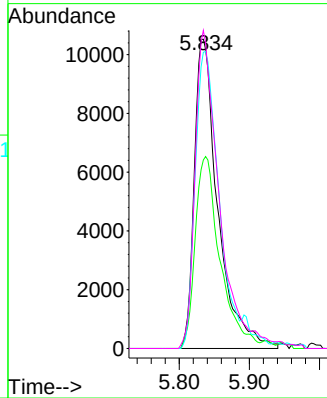
Ion Ratio Lower Upper

95 100

97 61.0 44.8 83.2

132 95.8 68.3 126.8

130 102.8 70.2 130.4



#47

Tetrachloroethene

Concen: 1.261 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV038183.D

Acq: 19 Nov 2024 17:44

Tgt Ion: 164 Resp: 19016

Ion Ratio Lower Upper

164 100

129 103.3 68.5 127.1

131 95.0 64.8 120.4

166 127.2 88.3 163.9

