

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023463.D
 Acq On : 13 Nov 2021 00:01
 Operator : SY/MD
 Sample : M4616-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y0

Quant Time: Nov 13 02:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

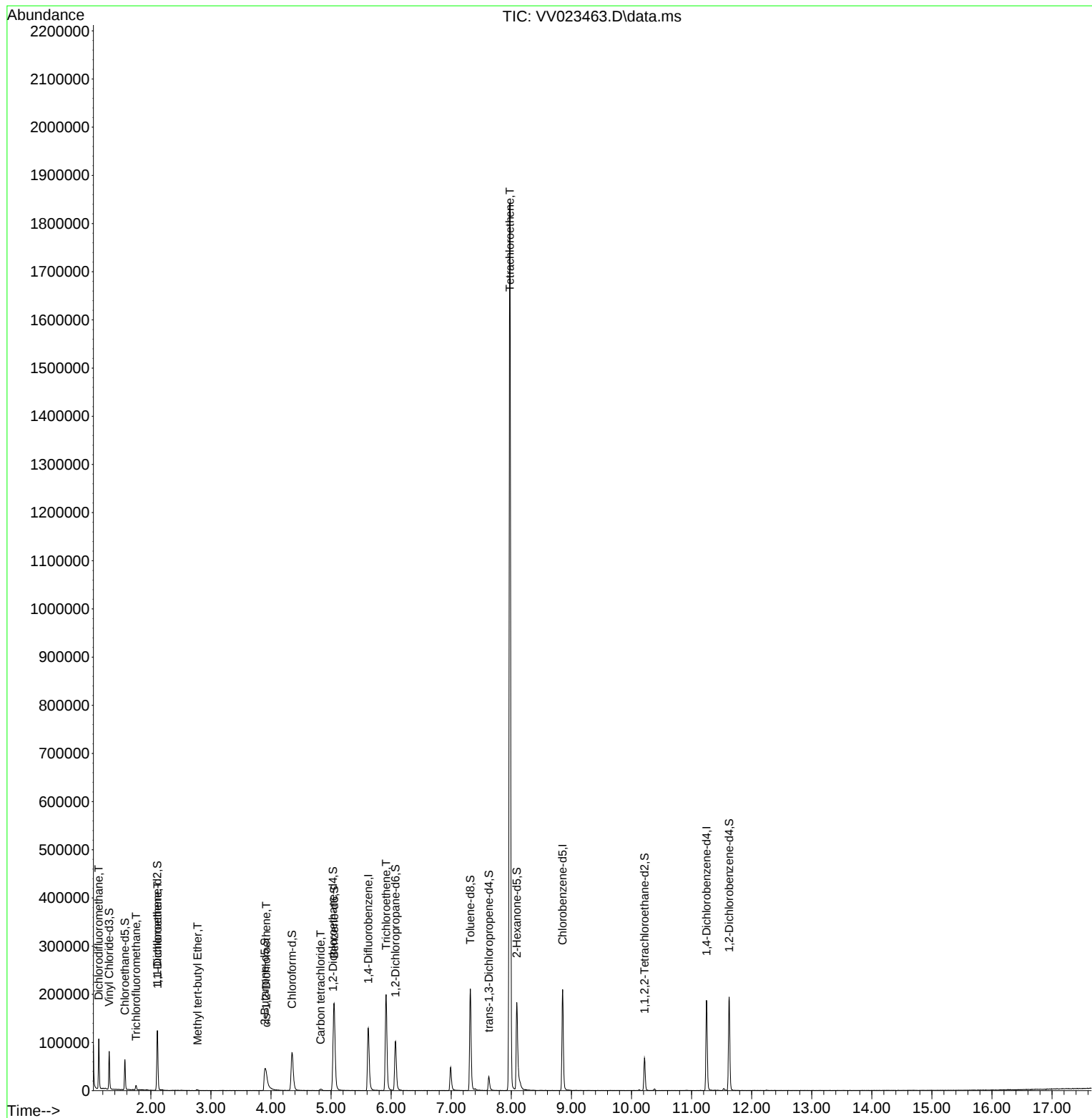
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116425	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.854	117	119815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49493	6.786	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.800%#		
7) Chloroethane-d5	1.568	69	36512	6.142	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.800%		
11) 1,1-Dichloroethene-d2	2.108	63	63219	4.630	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 92.600%		
20) 2-Butanone-d5	3.896	46	82393	65.571	ug/L	-0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	= 131.140%#		
24) Chloroform-d	4.349	84	82576	5.313	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.034	65	41059	5.874	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.400%		
32) Benzene-d6	5.050	84	162268	5.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	6.072	67	48574	5.368	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.400%		
41) Toluene-d8	7.317	98	141271	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	7.625	79	17026	4.962	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.200%		
46) 2-Hexanone-d5	8.091	63	60092	47.596	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31356	4.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52197	6.160	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	8601	0.758	ug/L	96
9) Trichlorofluoromethane	1.754	101	5340	0.369	ug/L	99
12) 1,1-Dichloroethene	2.111	96	1081	0.156	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	1251	0.082	ug/L #	72
22) cis-1,2-Dichloroethene	3.921	96	7485	0.911	ug/L #	83
31) Carbon tetrachloride	4.825	117	2163	0.166	ug/L	94
34) Trichloroethene	5.915	95	67061	7.530	ug/L	96
47) Tetrachloroethene	7.976	164	412077	53.391	ug/L	99

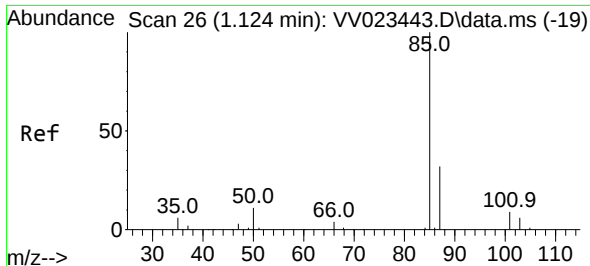
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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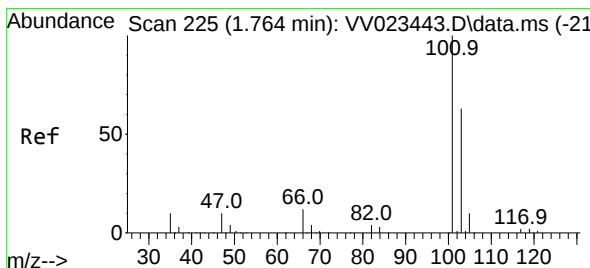
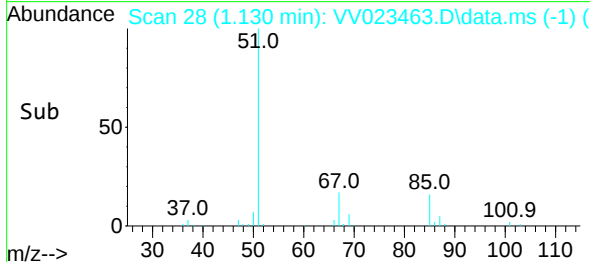
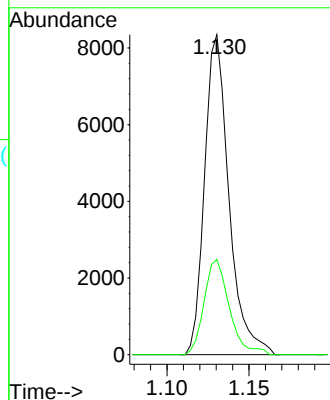
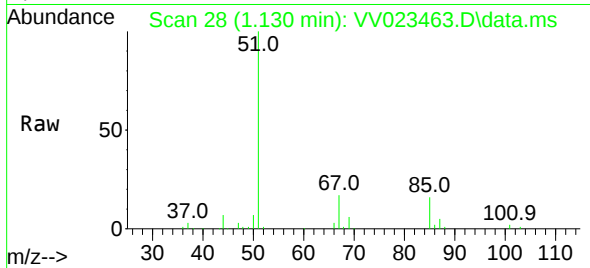




#2
 Dichlorodifluoromethane
 Concen: 0.758 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV023463.D
 Acq: 13 Nov 2021 00:01

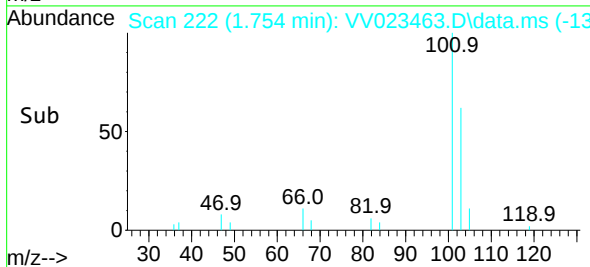
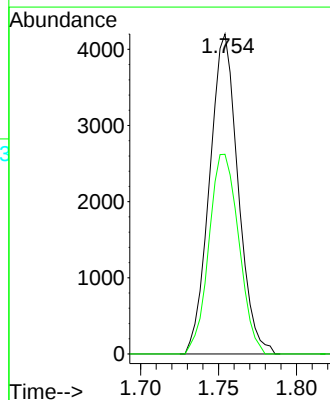
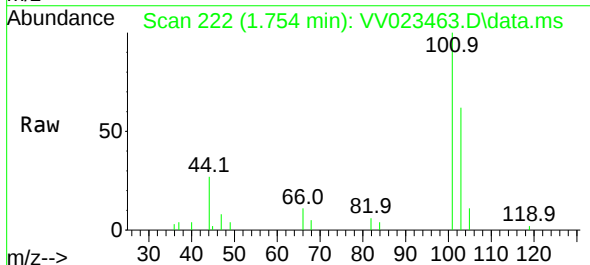
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y0

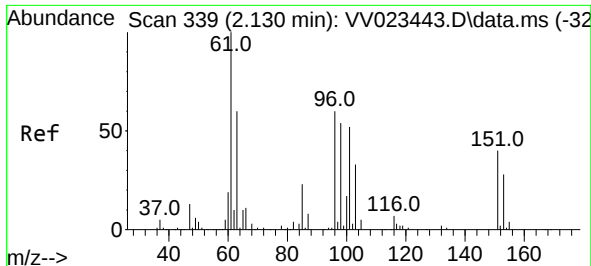
Tgt Ion: 85 Resp: 8601
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 0.369 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.010 min
 Lab File: VV023463.D
 Acq: 13 Nov 2021 00:01

Tgt Ion: 101 Resp: 5340
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 79.0





#12

1,1-Dichloroethene

Concen: 0.156 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV023463.D

Acq: 13 Nov 2021 00:01

Instrument :

MSVOA_V

ClientSampleId :

BG1Y0

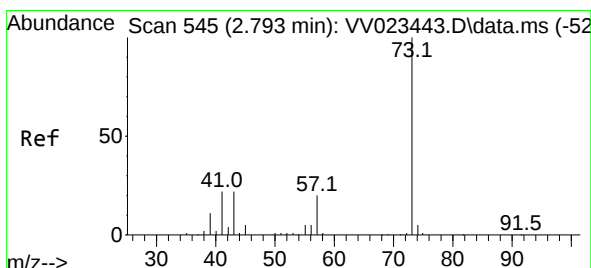
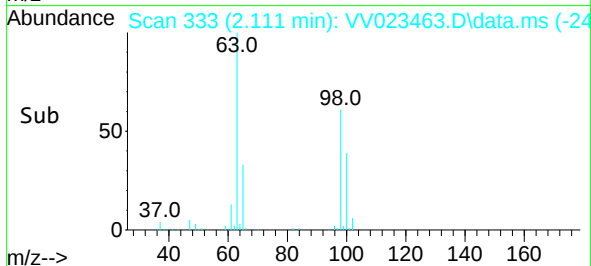
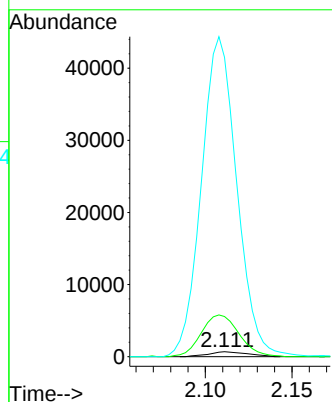
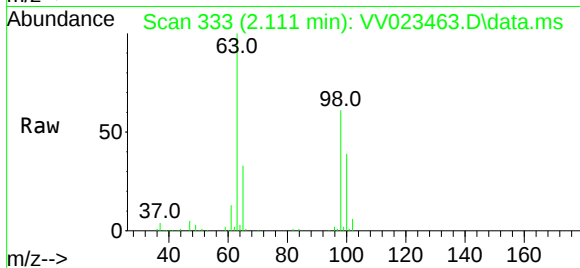
Tgt Ion: 96 Resp: 1081

Ion Ratio Lower Upper

96 100

61 816.3 121.5 225.7#

63 6076.7 99.6 185.0#



#17

Methyl tert-butyl Ether

Concen: 0.082 ug/L

RT: 2.777 min Scan# 540

Delta R.T. -0.016 min

Lab File: VV023463.D

Acq: 13 Nov 2021 00:01

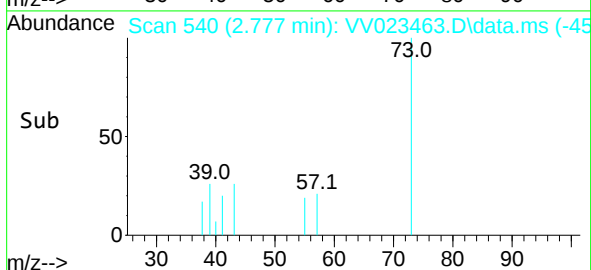
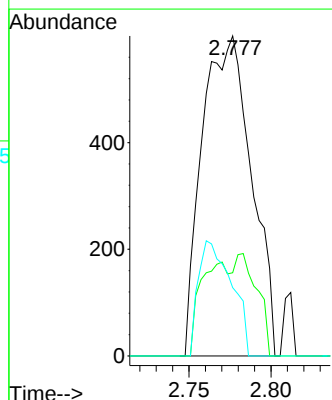
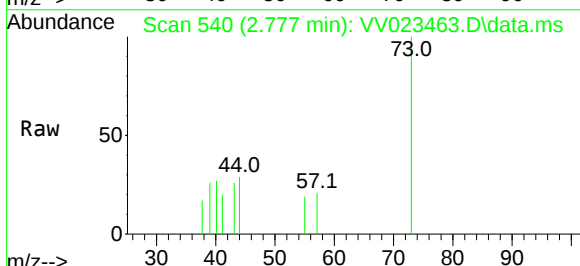
Tgt Ion: 73 Resp: 1251

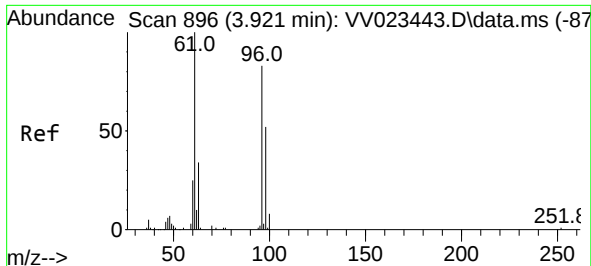
Ion Ratio Lower Upper

73 100

43 16.2 17.4 26.0#

57 0.0 16.5 24.7#

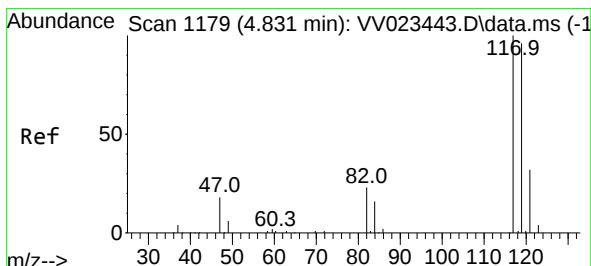
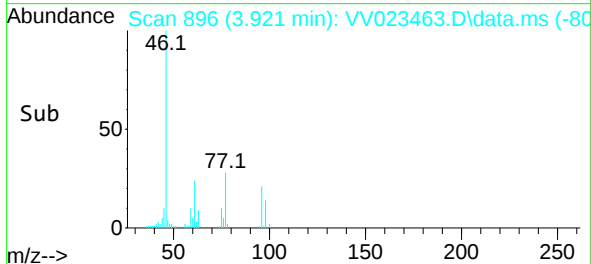
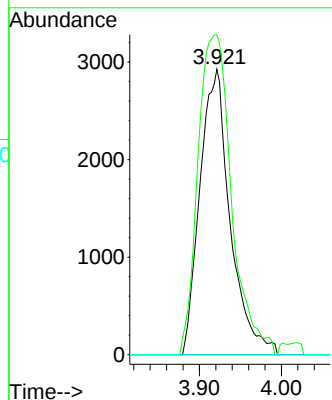
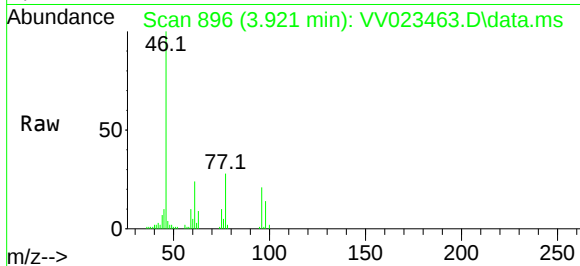




#22
 cis-1,2-Dichloroethene
 Concen: 0.911 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. -0.000 min
 Lab File: VV023463.D
 Acq: 13 Nov 2021 00:01

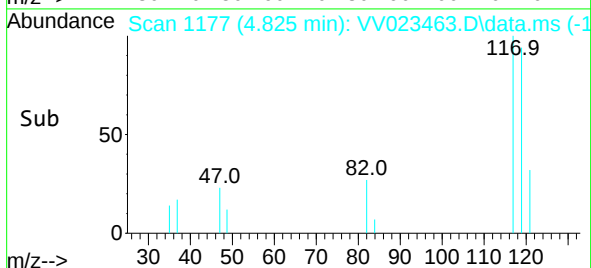
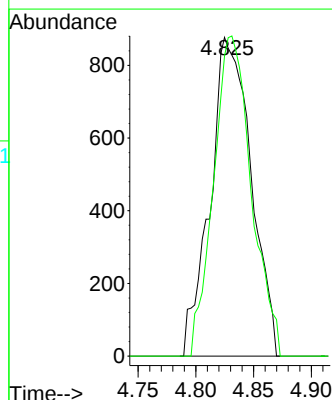
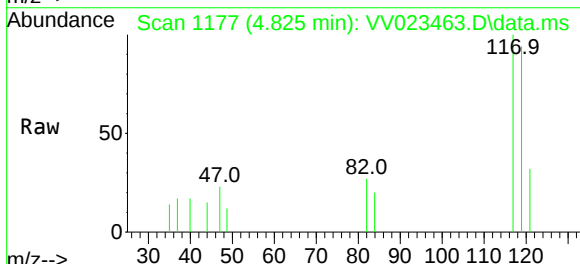
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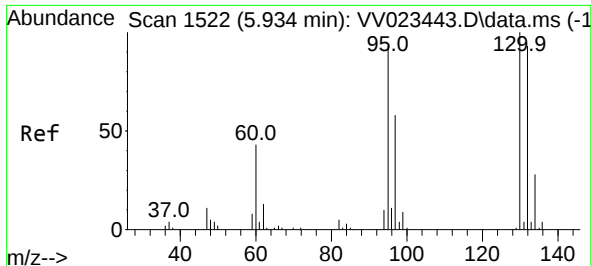
Tgt Ion: 96 Resp: 7485
 Ion Ratio Lower Upper
 96 100
 61 112.1 92.3 171.3
 68 0.0 0.4 0.8#



#31
 Carbon tetrachloride
 Concen: 0.166 ug/L
 RT: 4.825 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: VV023463.D
 Acq: 13 Nov 2021 00:01

Tgt Ion: 117 Resp: 2163
 Ion Ratio Lower Upper
 117 100
 119 92.7 78.8 118.2



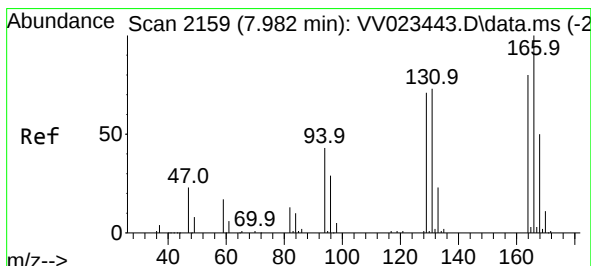
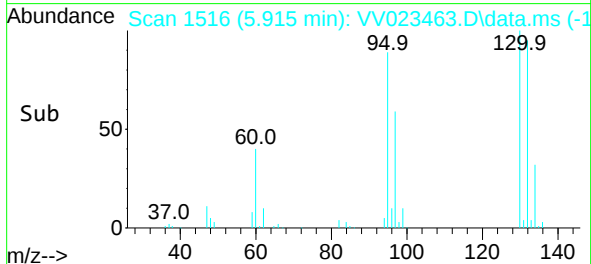
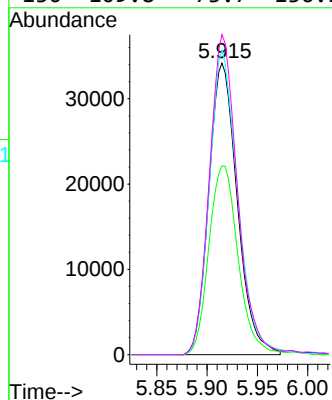
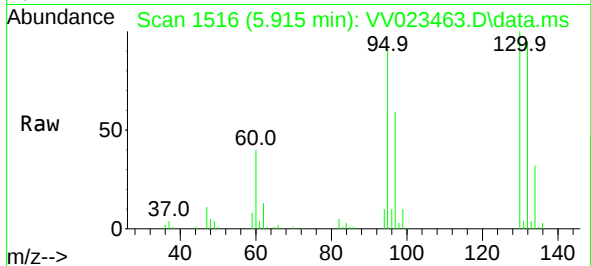


#34
Trichloroethene
Concen: 7.530 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV023463.D
Acq: 13 Nov 2021 00:01

Instrument :
MSVOA_V
ClientSampleId :
BG1Y0

Tgt Ion: 95 Resp: 67061

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	104.5	69.7	129.4
130	109.8	73.7	136.9



#47
Tetrachloroethene
Concen: 53.391 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.006 min
Lab File: VV023463.D
Acq: 13 Nov 2021 00:01

Tgt Ion: 164 Resp: 412077

Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.0	119.0
131	88.5	63.4	117.8
166	127.9	89.3	165.9

