

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023245.D
 Acq On : 05 Nov 2021 20:18
 Operator : SY/MD
 Sample : M4535-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4627

Quant Time: Nov 09 03:43:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

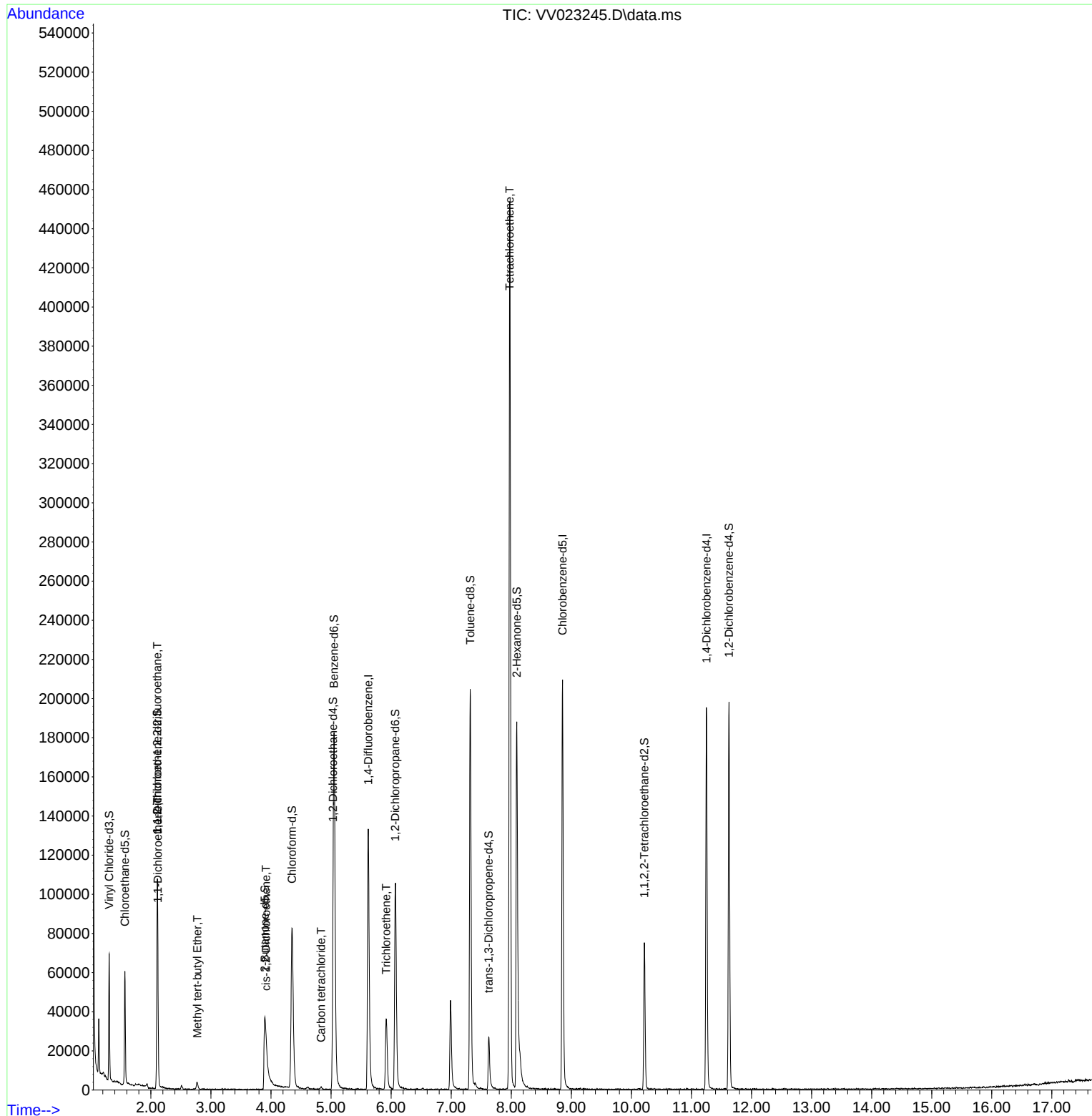
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38704	5.230	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.568	69	34097	5.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.108	63	53785	3.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 77.600%		
20) 2-Butanone-d5	3.899	46	74579	58.497	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.000%		
24) Chloroform-d	4.349	84	87161	5.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
26) 1,2-Dichloroethane-d4	5.034	65	40843	5.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.200%		
32) Benzene-d6	5.050	84	164073	5.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.400%		
36) 1,2-Dichloropropane-d6	6.069	67	51532	5.783	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.600%		
41) Toluene-d8	7.317	98	136486	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	7.625	79	16368	4.844	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.091	63	68091	54.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.540%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35711	5.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52117	5.827	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.600%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1013	0.137	ug/L #	50
12) 1,1-Dichloroethene	2.117	96	1333	0.189	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2524	0.163	ug/L #	81
22) cis-1,2-Dichloroethene	3.918	96	1284	0.154	ug/L #	84
31) Carbon tetrachloride	4.834	117	977	0.076	ug/L #	80
34) Trichloroethene	5.918	95	12738	1.453	ug/L	95
47) Tetrachloroethene	7.976	164	102670	13.510	ug/L	99

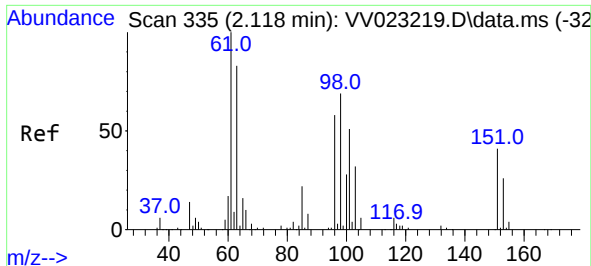
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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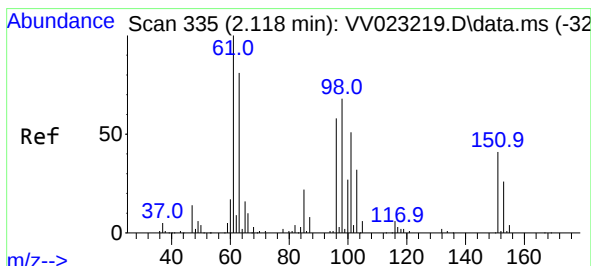
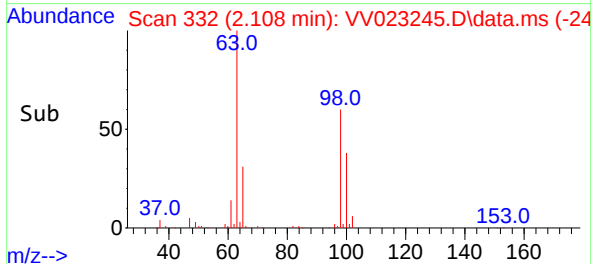
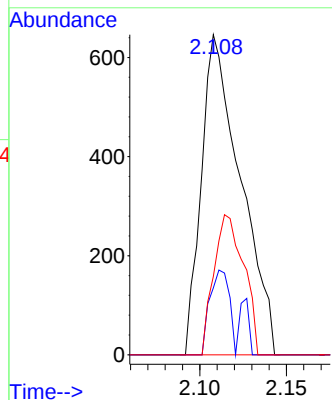
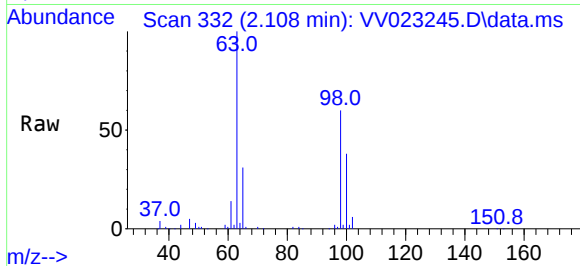




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.137 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

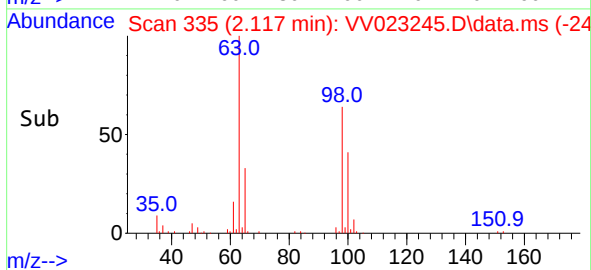
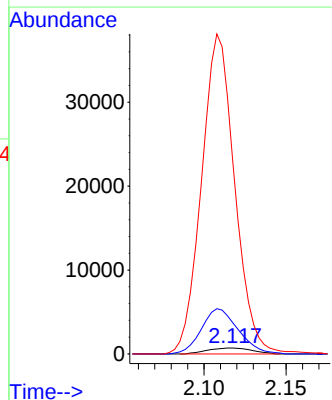
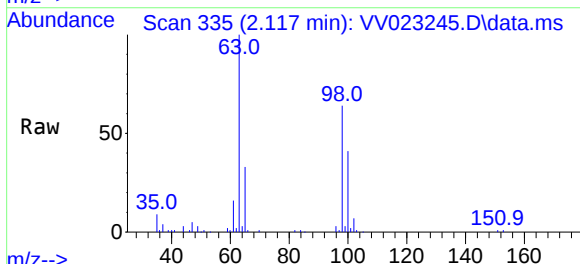
Instrument :
MSVOA_V
ClientSampleId :
H4627

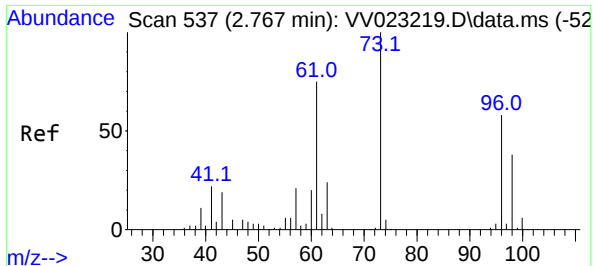
Tgt Ion:101 Resp: 1013
Ion Ratio Lower Upper
101 100
85 13.1 35.3 52.9#
151 33.4 62.2 93.2#



#12
1,1-Dichloroethene
Concen: 0.189 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Tgt Ion: 96 Resp: 1333
Ion Ratio Lower Upper
96 100
61 522.8 121.5 225.7#
63 3225.7 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 0.163 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

Instrument :

MSVOA_V

ClientSampleId :

H4627

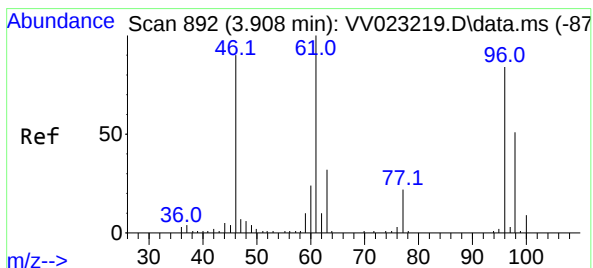
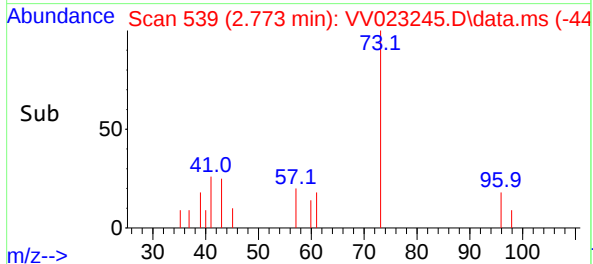
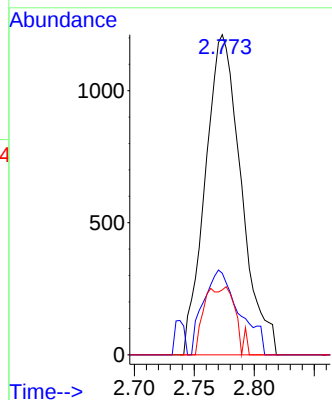
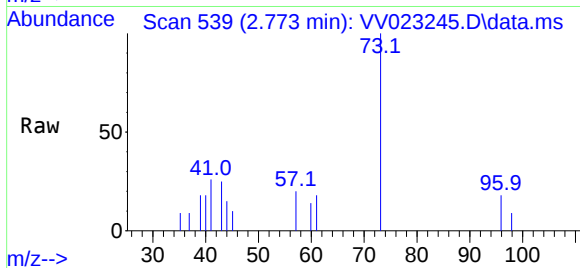
Tgt Ion: 73 Resp: 2524

Ion Ratio Lower Upper

73 100

43 26.7 17.4 26.0#

57 7.6 16.5 24.7#



#22

cis-1,2-Dichloroethene

Concen: 0.154 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023245.D

Acq: 05 Nov 2021 20:18

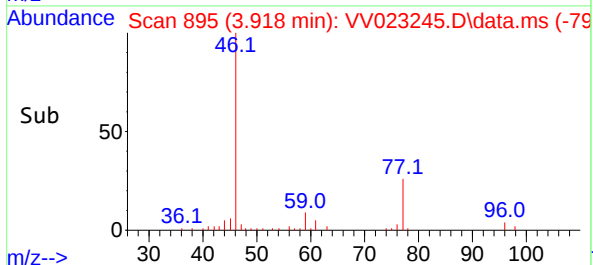
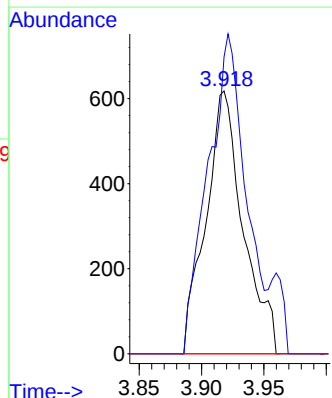
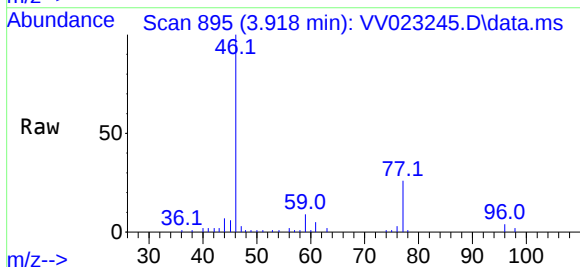
Tgt Ion: 96 Resp: 1284

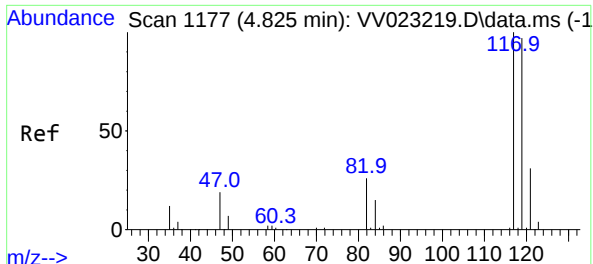
Ion Ratio Lower Upper

96 100

61 112.9 92.3 171.3

68 0.0 0.4 0.8#

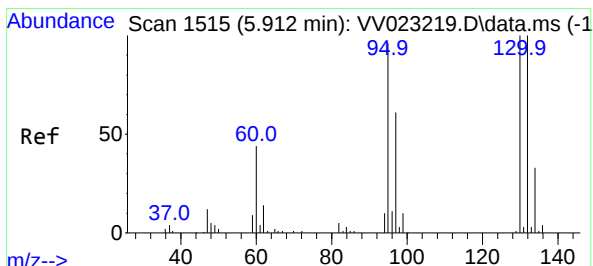
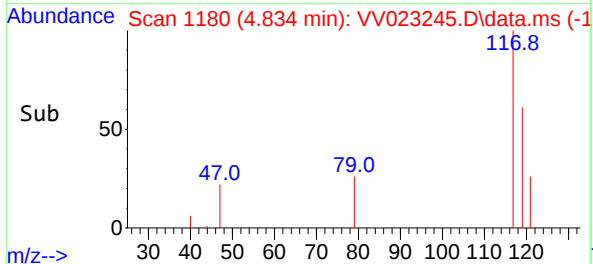
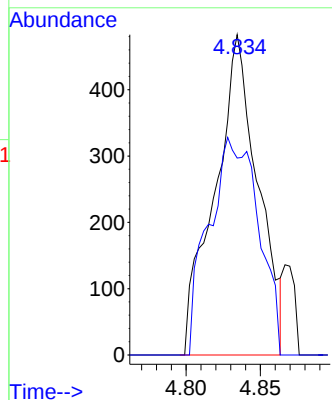
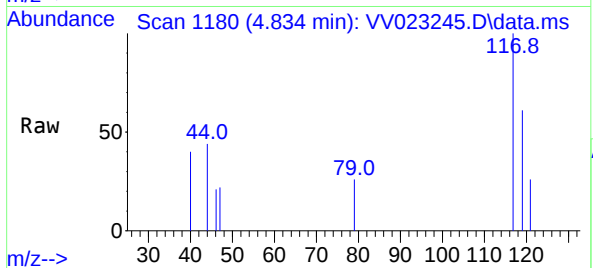




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

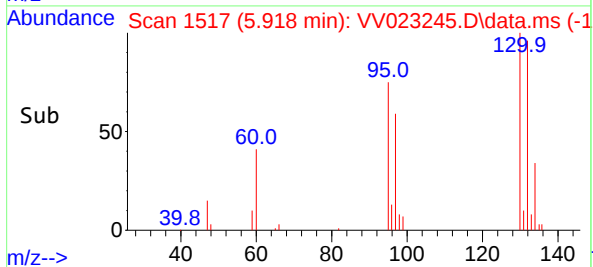
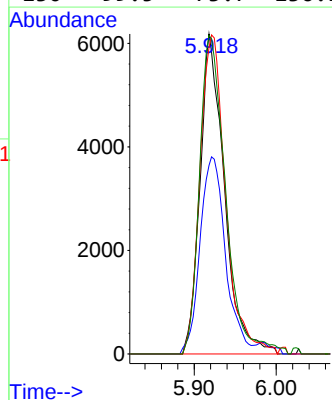
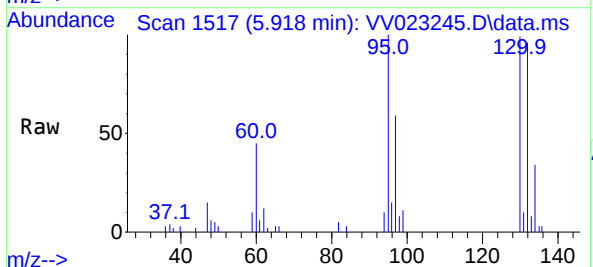
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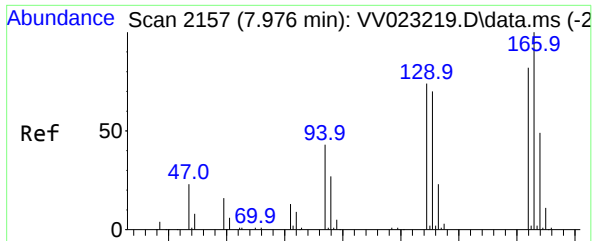
Tgt Ion:117 Resp: 977
Ion Ratio Lower Upper
117 100
119 78.6 78.8 118.2#



#34
Trichloroethene
Concen: 1.453 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Tgt Ion: 95 Resp: 12738
Ion Ratio Lower Upper
95 100
97 58.9 45.0 83.6
132 95.7 69.7 129.4
130 99.5 73.7 136.9





#47
Tetrachloroethene
Concen: 13.510 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023245.D
Acq: 05 Nov 2021 20:18

Instrument :
MSVOA_V
ClientSampleId :
H4627

Tgt Ion:164 Resp: 102670
Ion Ratio Lower Upper
164 100
129 90.7 64.0 119.0
131 89.4 63.4 117.8
166 128.1 89.3 165.9

