

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023242.D
 Acq On : 05 Nov 2021 19:07
 Operator : SY/MD
 Sample : M4535-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4624

Quant Time: Nov 09 03:35:24 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)

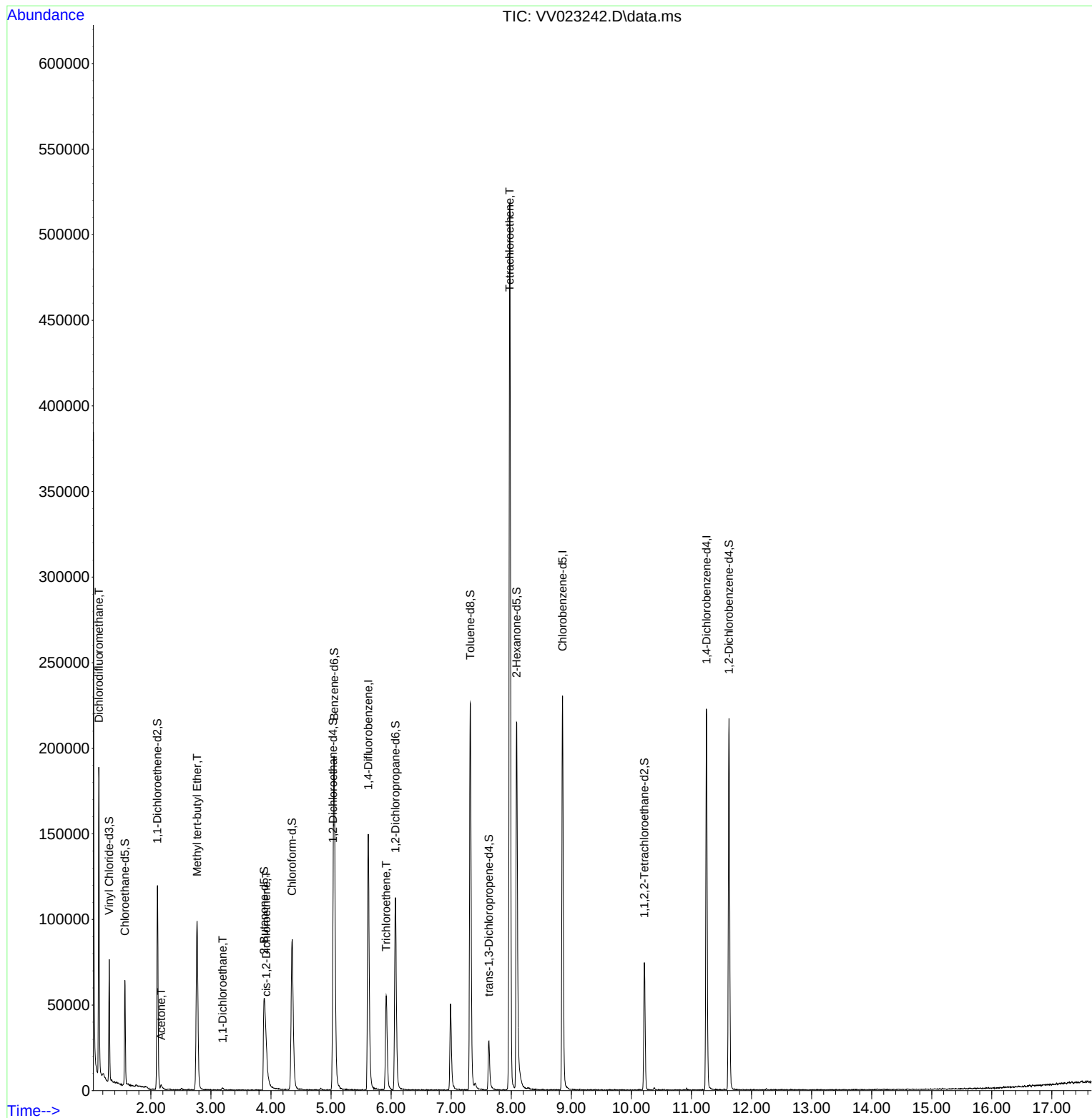
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42042	5.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.400%		
7) Chloroethane-d5	1.568	69	35893	5.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.400%		
11) 1,1-Dichloroethene-d2	2.108	63	59461	3.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 77.400%		
20) 2-Butanone-d5	3.886	46	93207	65.943	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 131.880%#		
24) Chloroform-d	4.352	84	91425	5.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
26) 1,2-Dichloroethane-d4	5.034	65	44695	5.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.600%		
32) Benzene-d6	5.053	84	179744	5.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
36) 1,2-Dichloropropane-d6	6.072	67	53545	5.403	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.320	98	153055	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.000%		
43) trans-1,3-Dichloroprop...	7.628	79	17244	4.589	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.800%		
46) 2-Hexanone-d5	8.088	63	72097	52.145	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.300%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35942	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	57781	5.691	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	2588	0.203	ug/L	96
13) Acetone	2.172	43	2755	3.190	ug/L	69
17) Methyl tert-butyl Ether	2.770	73	95680	5.566	ug/L	96
19) 1,1-Dichloroethane	3.194	63	1539	0.095	ug/L	91
22) cis-1,2-Dichloroethene	3.921	96	6103	0.661	ug/L #	98
34) Trichloroethene	5.918	95	19346	1.984	ug/L	97
47) Tetrachloroethene	7.976	164	117101	13.854	ug/L	98

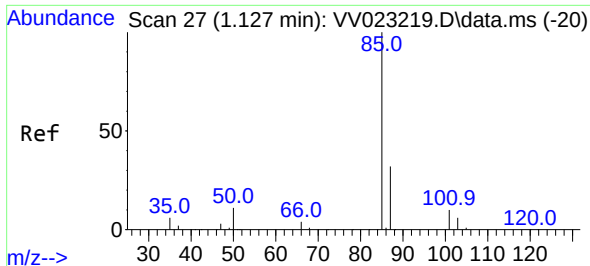
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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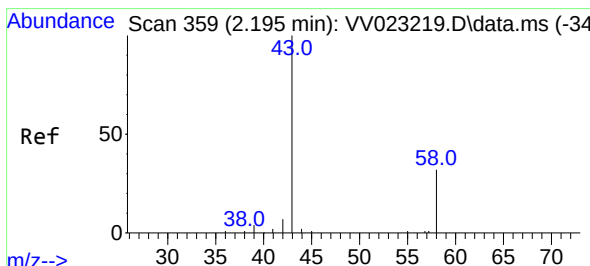
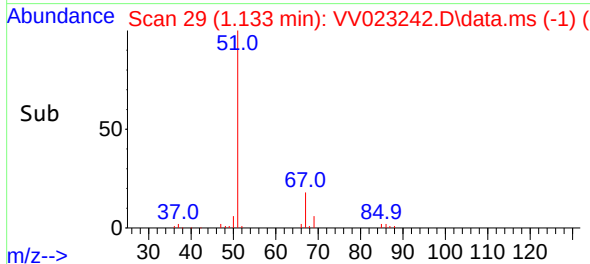
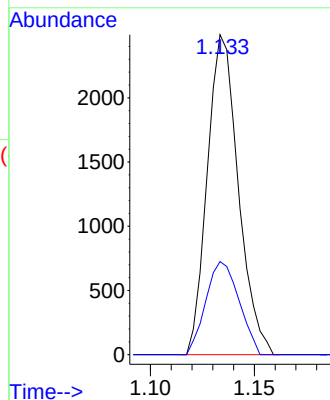
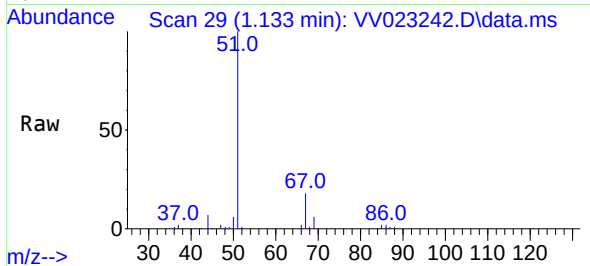




#2
 Dichlorodifluoromethane
 Concen: 0.203 ug/L
 RT: 1.133 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VV023242.D
 Acq: 05 Nov 2021 19:07

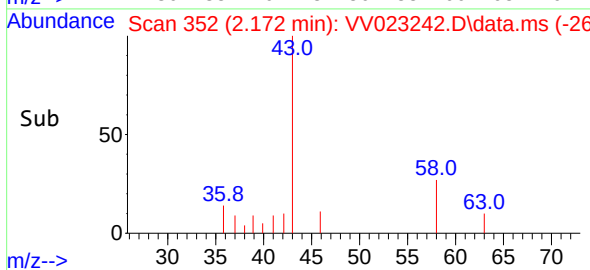
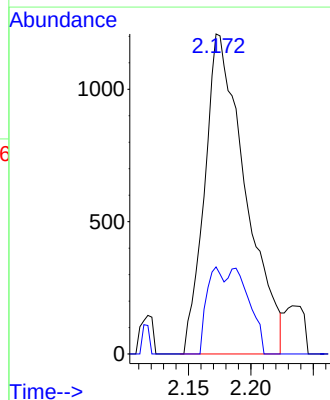
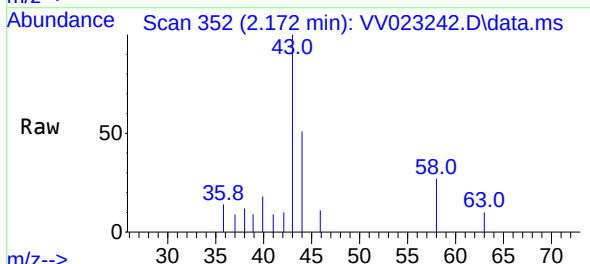
Instrument :
 MSVOA_V
 ClientSampleId :
 H4624

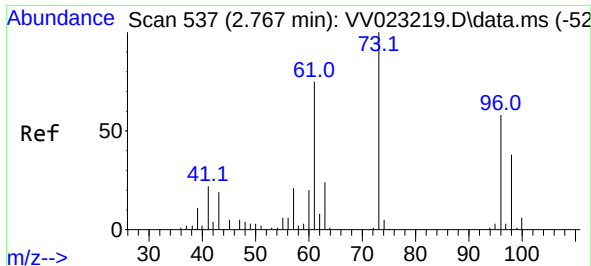
Tgt Ion: 85 Resp: 2588
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.6 39.8



#13
 Acetone
 Concen: 3.190 ug/L
 RT: 2.172 min Scan# 352
 Delta R.T. -0.023 min
 Lab File: VV023242.D
 Acq: 05 Nov 2021 19:07

Tgt Ion: 43 Resp: 2755
 Ion Ratio Lower Upper
 43 100
 58 11.4 0.0 55.4





#17

Methyl tert-butyl Ether

Concen: 5.566 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023242.D

Acq: 05 Nov 2021 19:07

Instrument :

MSVOA_V

ClientSampleId :

H4624

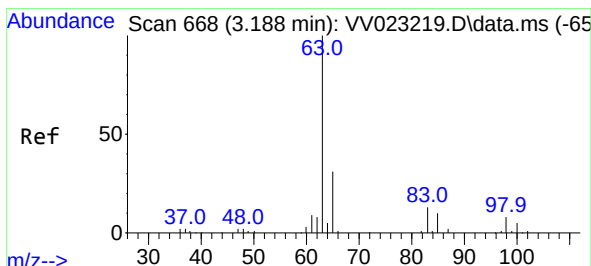
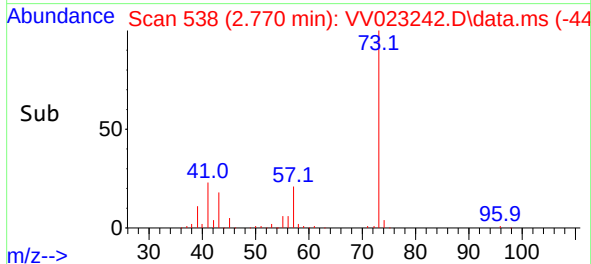
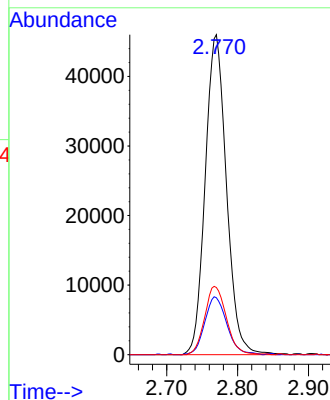
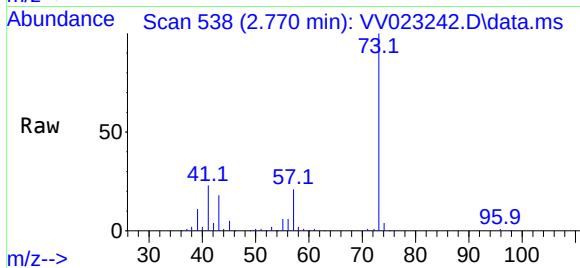
Tgt Ion: 73 Resp: 95680

Ion Ratio Lower Upper

73 100

43 18.9 17.4 26.0

57 21.8 16.5 24.7



#19

1,1-Dichloroethane

Concen: 0.095 ug/L

RT: 3.194 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV023242.D

Acq: 05 Nov 2021 19:07

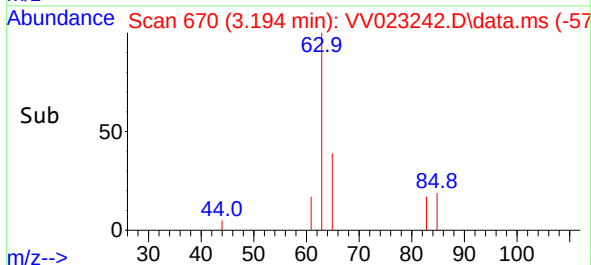
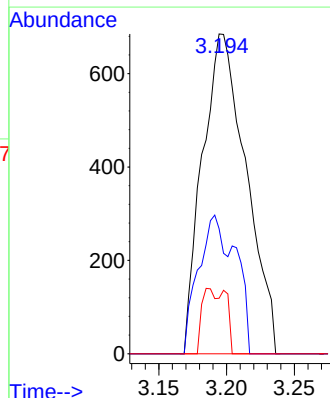
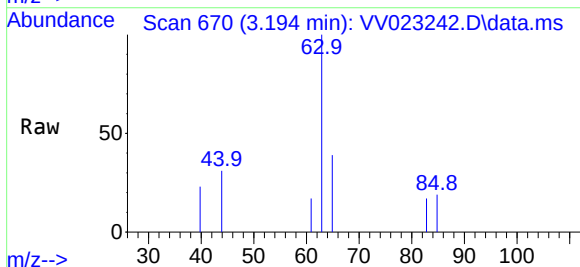
Tgt Ion: 63 Resp: 1539

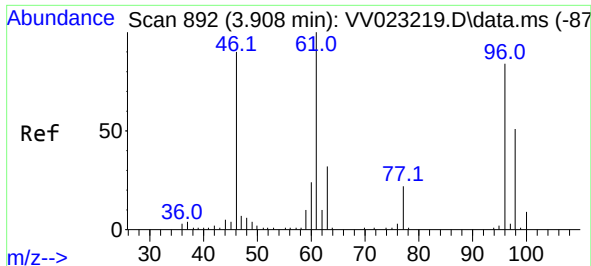
Ion Ratio Lower Upper

63 100

65 39.1 22.6 42.0

83 17.4 11.1 20.7

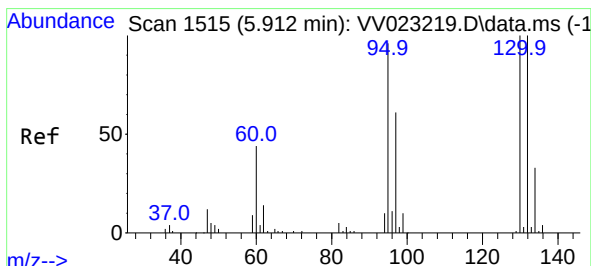
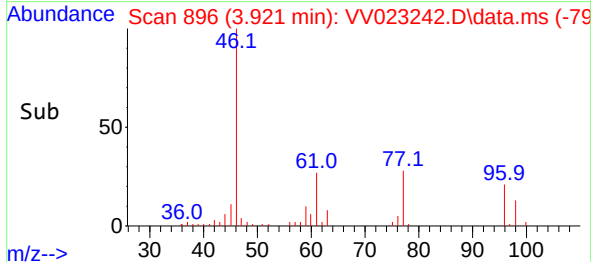
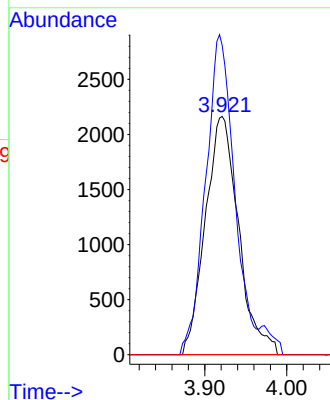
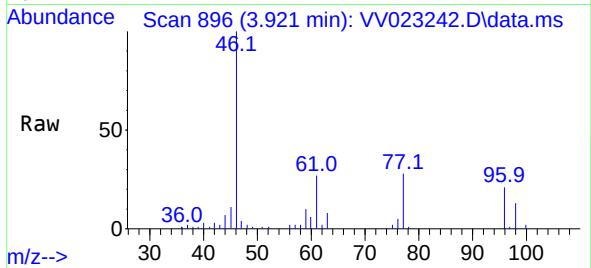




#22
 cis-1,2-Dichloroethene
 Concen: 0.661 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.013 min
 Lab File: VV023242.D
 Acq: 05 Nov 2021 19:07

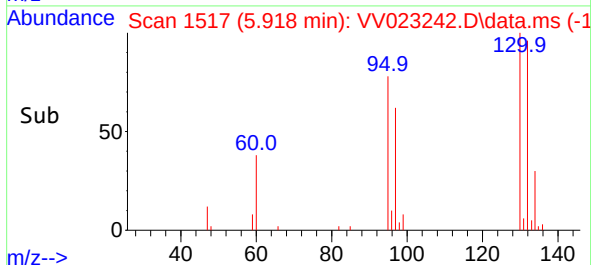
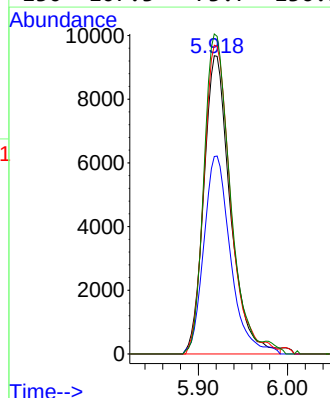
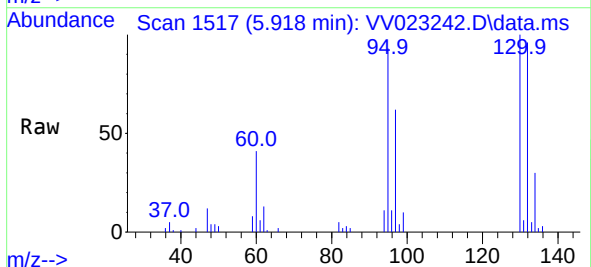
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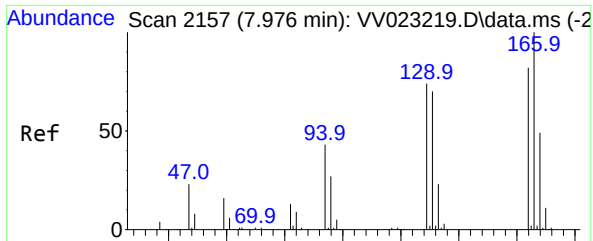
Tgt Ion: 96 Resp: 6103
 Ion Ratio Lower Upper
 96 100
 61 130.0 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 1.984 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: VV023242.D
 Acq: 05 Nov 2021 19:07

Tgt Ion: 95 Resp: 19346
 Ion Ratio Lower Upper
 95 100
 97 66.2 45.0 83.6
 132 103.5 69.7 129.4
 130 107.3 73.7 136.9





#47
 Tetrachloroethene
 Concen: 13.854 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023242.D
 Acq: 05 Nov 2021 19:07

Instrument :
 MSVOA_V
 ClientSampleId :
 H4624

Tgt Ion:164 Resp: 117101

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.0	119.0
131	88.1	63.4	117.8
166	125.8	89.3	165.9

