

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023240.D
 Acq On : 05 Nov 2021 18:20
 Operator : SY/MD
 Sample : M4535-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4622

Quant Time: Nov 09 03:30:06 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)

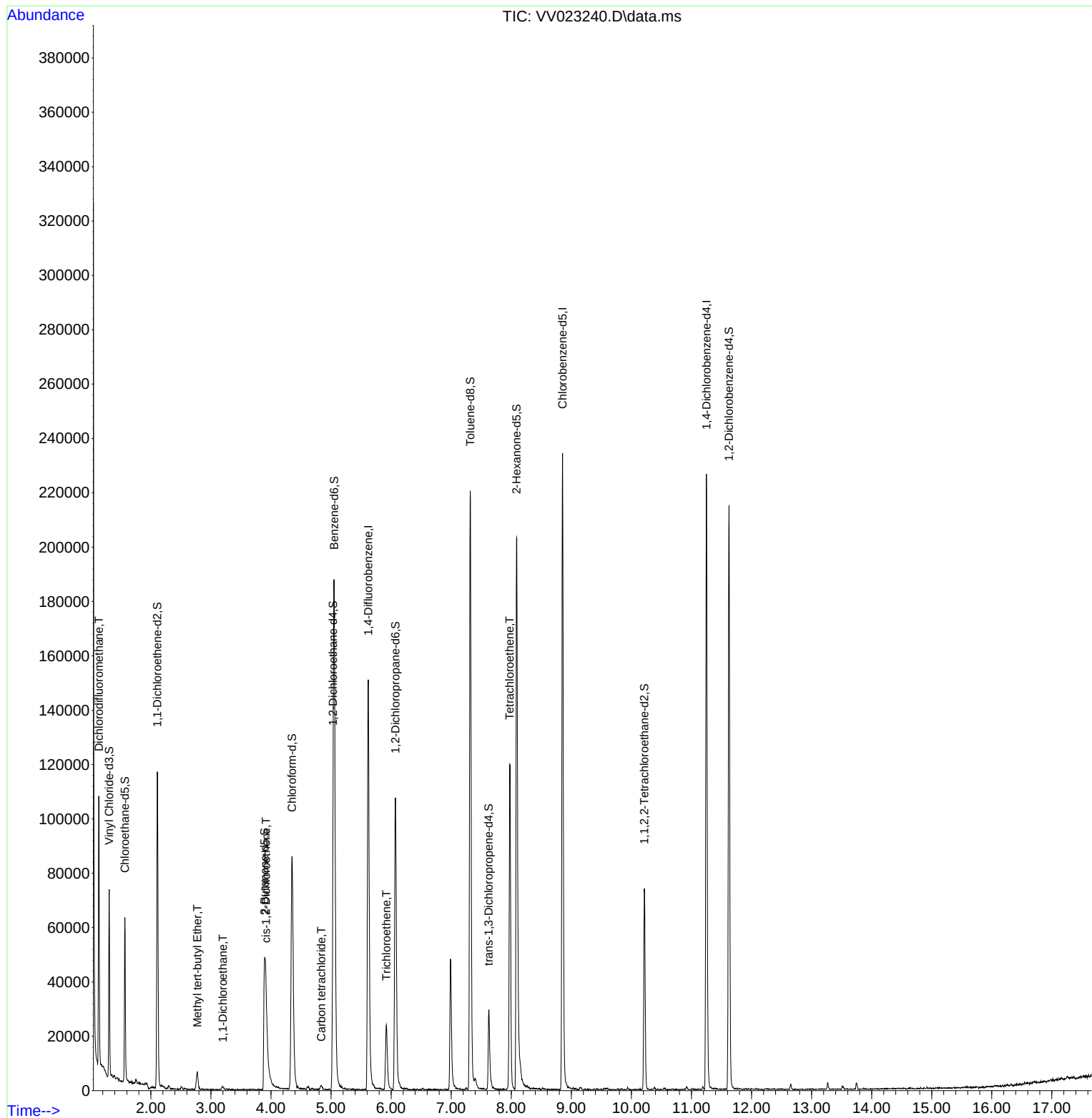
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41400	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.568	69	35168	5.232	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.108	63	57358	3.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 74.200%		
20) 2-Butanone-d5	3.892	46	93953	66.123	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 132.240%#		
24) Chloroform-d	4.349	84	89233	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.034	65	42553	5.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	5.053	84	172130	5.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
36) 1,2-Dichloropropane-d6	6.072	67	51585	5.218	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.400%		
41) Toluene-d8	7.317	98	148825	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.600%		
43) trans-1,3-Dichloroprop...	7.625	79	17731	4.730	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.600%		
46) 2-Hexanone-d5	8.088	63	70932	51.425	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.860%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35340	4.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56167	5.588	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	1569	0.122	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	4907	0.284	ug/L	92
19) 1,1-Dichloroethane	3.198	63	1367	0.084	ug/L #	91
22) cis-1,2-Dichloroethene	3.918	96	6160	0.663	ug/L #	84
31) Carbon tetrachloride	4.838	117	1061	0.074	ug/L	97
34) Trichloroethene	5.921	95	8367	0.860	ug/L	94
47) Tetrachloroethene	7.976	164	27150	3.220	ug/L	97

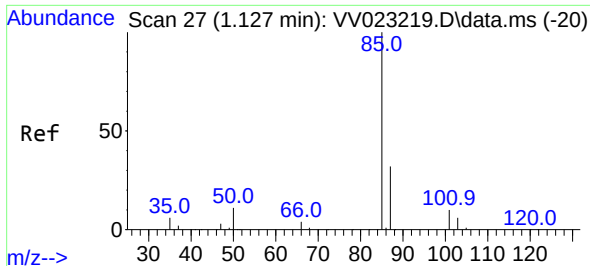
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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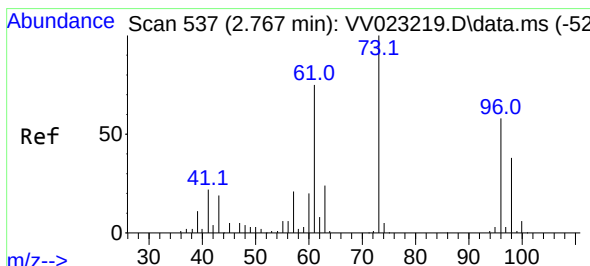
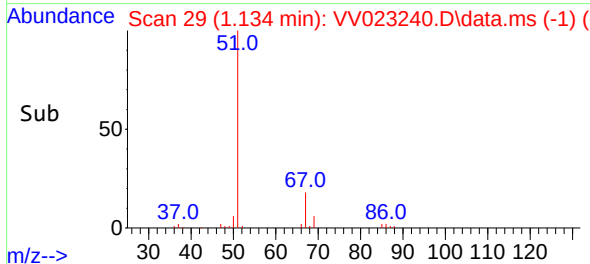
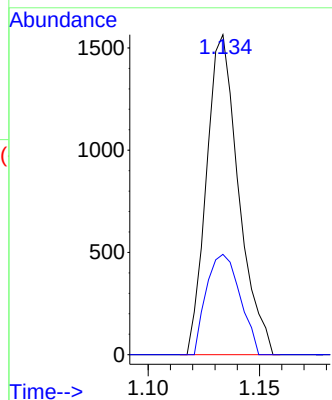
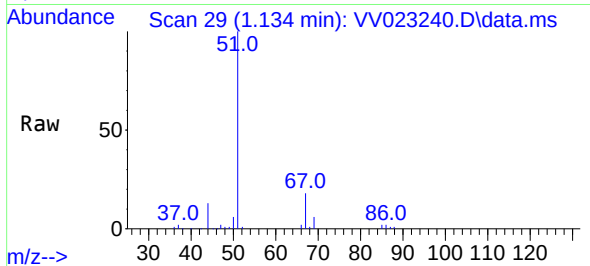




#2
Dichlorodifluoromethane
Concen: 0.122 ug/L
RT: 1.134 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

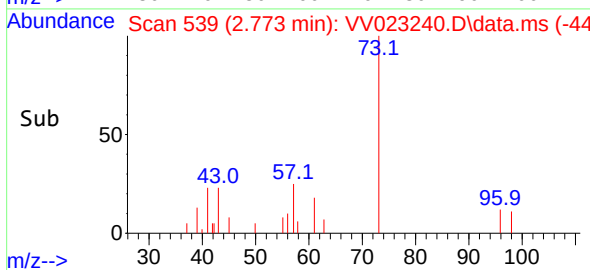
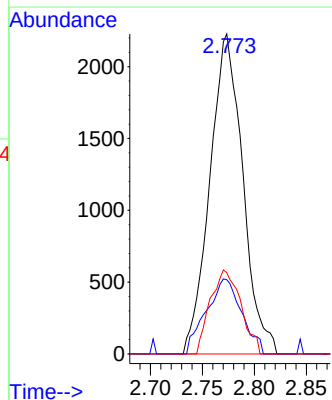
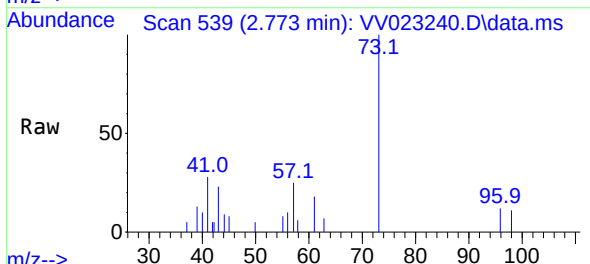
Instrument :
MSVOA_V
ClientSampleId :
H4622

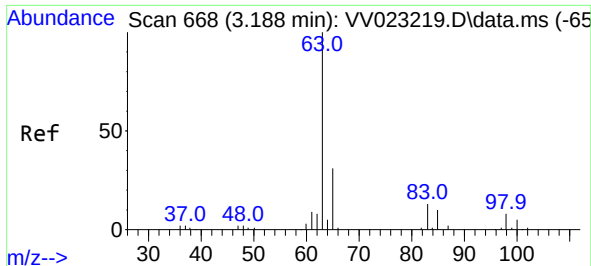
Tgt Ion: 85 Resp: 1569
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8



#17
Methyl tert-butyl Ether
Concen: 0.284 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion: 73 Resp: 4907
Ion Ratio Lower Upper
73 100
43 25.2 17.4 26.0
57 24.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 0.084 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

Instrument :

MSVOA_V

ClientSampleId :

H4622

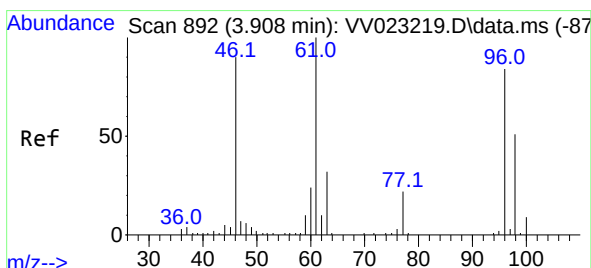
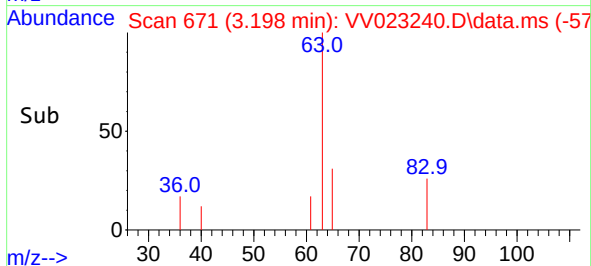
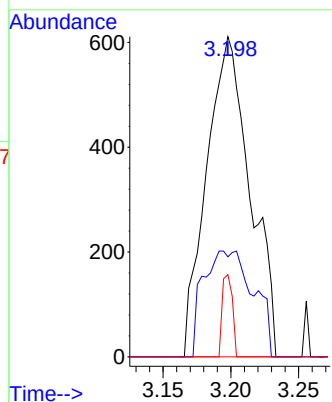
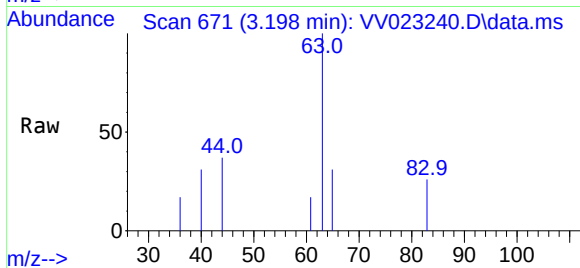
Tgt Ion: 63 Resp: 1367

Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 25.7 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 0.663 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

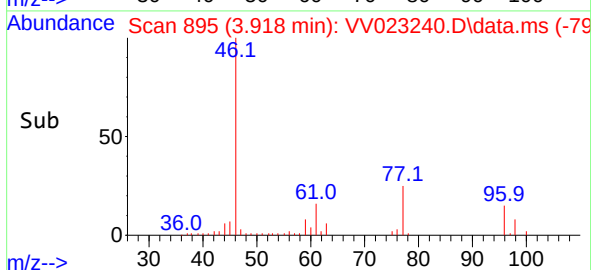
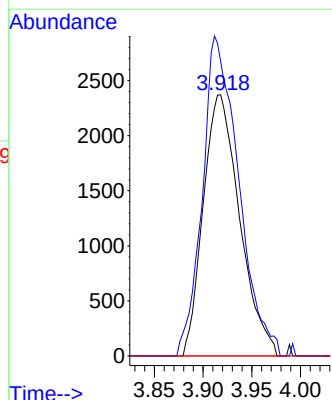
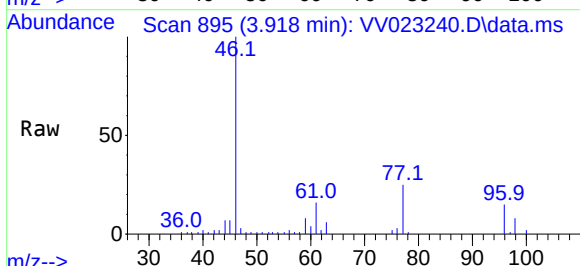
Tgt Ion: 96 Resp: 6160

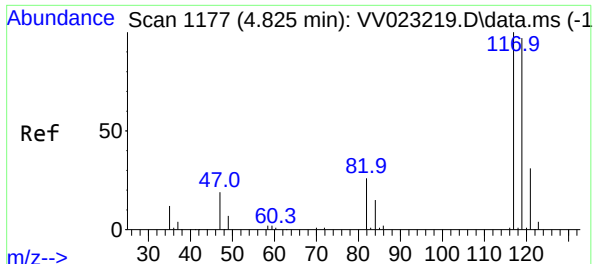
Ion Ratio Lower Upper

96 100

61 112.7 92.3 171.3

68 0.0 0.4 0.8#

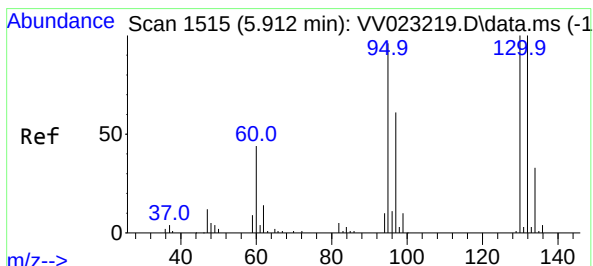
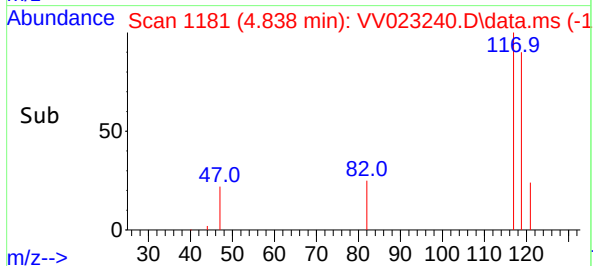
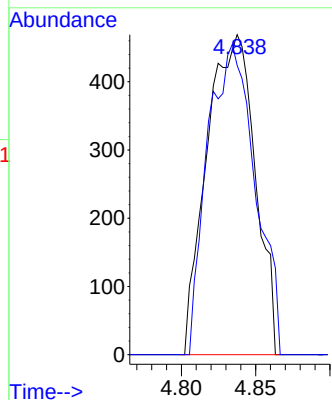
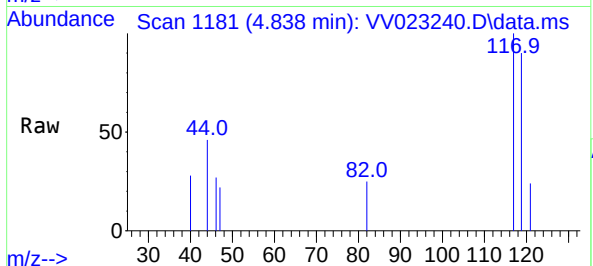




#31
Carbon tetrachloride
Concen: 0.074 ug/L
RT: 4.838 min Scan# 1177
Delta R.T. 0.013 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

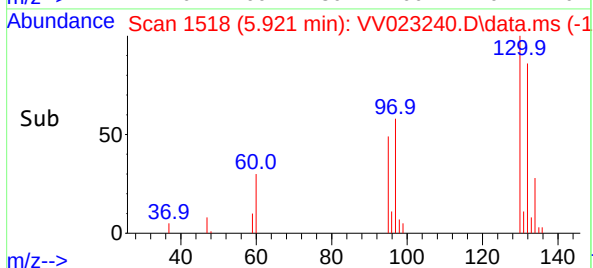
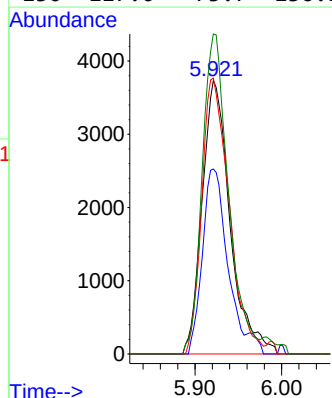
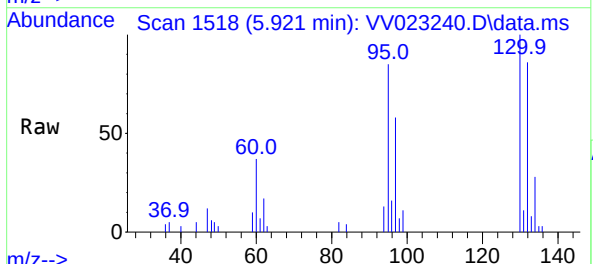
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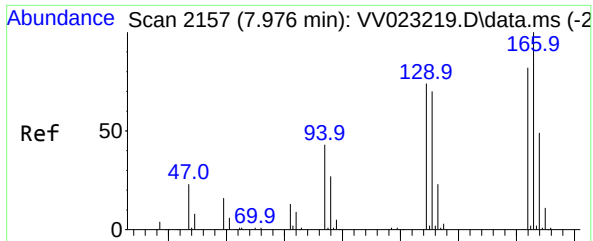
Tgt Ion:117 Resp: 1061
Ion Ratio Lower Upper
117 100
119 95.8 78.8 118.2



#34
Trichloroethene
Concen: 0.860 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion: 95 Resp: 8367
Ion Ratio Lower Upper
95 100
97 67.6 45.0 83.6
132 100.9 69.7 129.4
130 117.0 73.7 136.9





#47
 Tetrachloroethene
 Concen: 3.220 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

Instrument :
 MSVOA_V
 ClientSampleId :
 H4622

Tgt Ion:164 Resp: 27150

Ion	Ratio	Lower	Upper
164	100		
129	87.5	64.0	119.0
131	83.8	63.4	117.8
166	127.4	89.3	165.9

