

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023501.D
 Acq On : 15 Nov 2021 22:44
 Operator : SY/MD
 Sample : M4617-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG209

Quant Time: Nov 16 05:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

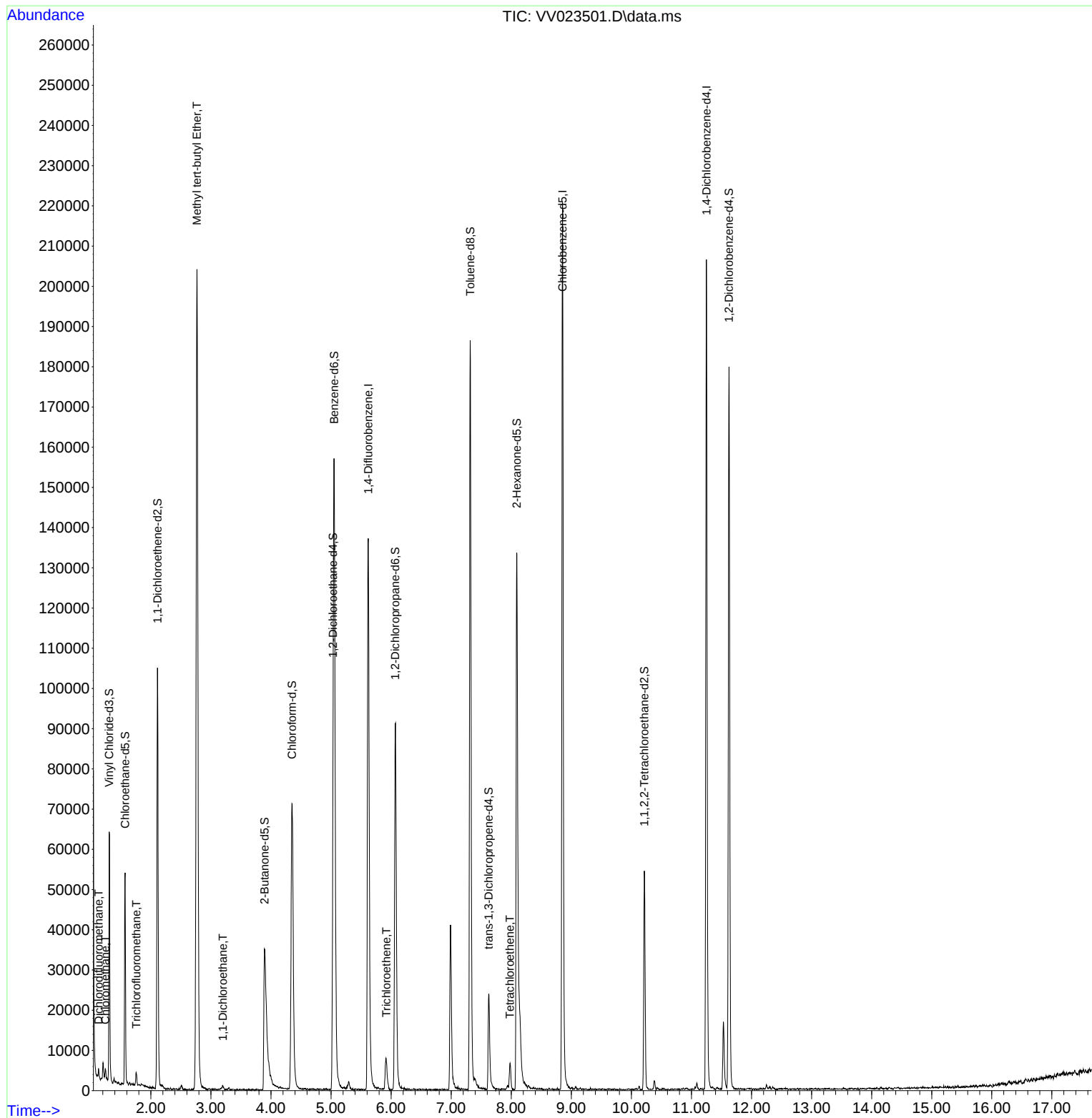
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126770	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39492	4.973	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.571	69	32553	5.029	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.111	63	54316	3.653	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.892	46	70854	51.786	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.580%	
24) Chloroform-d	4.349	84	75051	4.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	35888	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.053	84	145321	4.490	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.069	67	42840	4.496	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	123069	4.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15429	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.091	63	42210	31.753	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.500%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24959	3.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	72.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47667	5.201	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	1154	0.093	ug/L	96
3) Chloromethane	1.243	50	1538	0.146	ug/L	95
9) Trichlorofluoromethane	1.757	101	1865	0.118	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	203425	12.224	ug/L	97
19) 1,1-Dichloroethane	3.198	63	1180	0.075	ug/L #	81
34) Trichloroethene	5.921	95	1222	0.130	ug/L	81
47) Tetrachloroethene	7.979	164	1699	0.209	ug/L	87

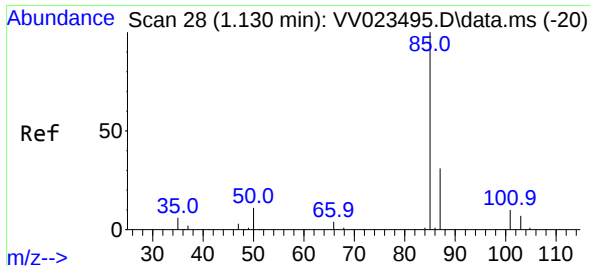
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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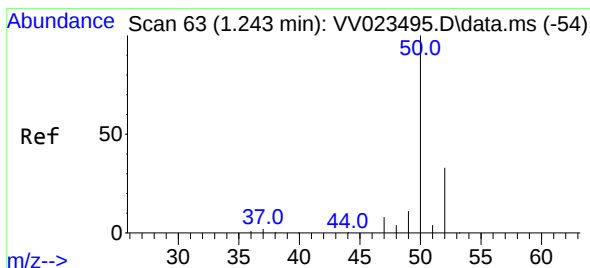
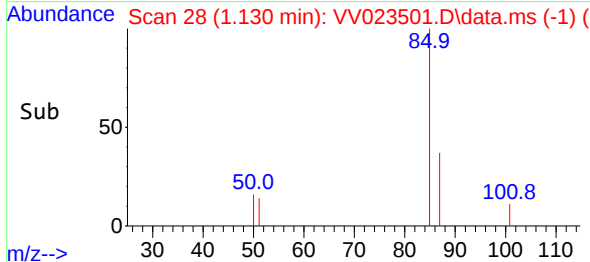
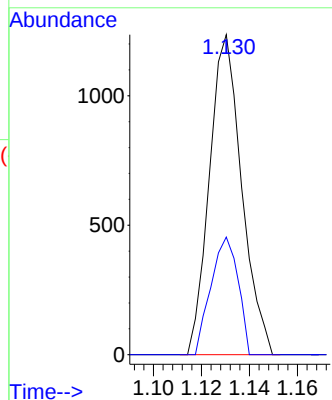
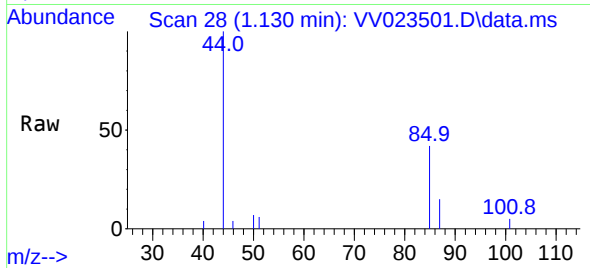




#2
Dichlorodifluoromethane
Concen: 0.093 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

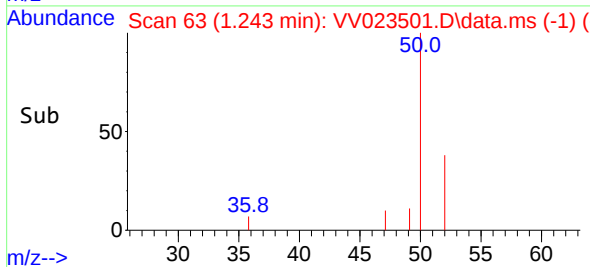
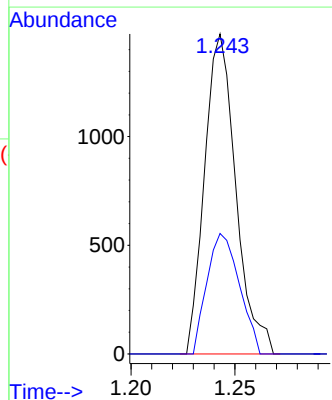
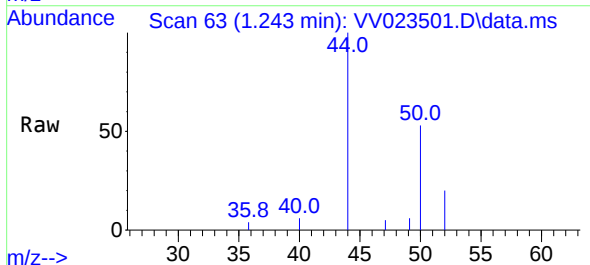
Instrument :
MSVOA_V
ClientSampleId :
BG209

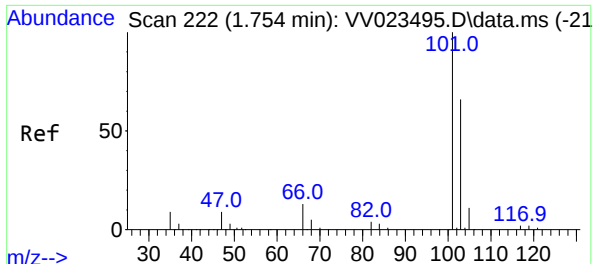
Tgt Ion: 85 Resp: 1154
Ion Ratio Lower Upper
85 100
87 30.8 26.6 39.8



#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

Tgt Ion: 50 Resp: 1538
Ion Ratio Lower Upper
50 100
52 37.6 24.3 45.1

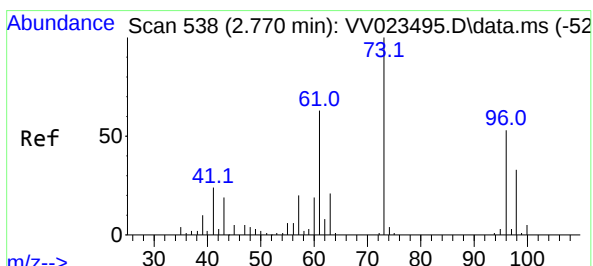
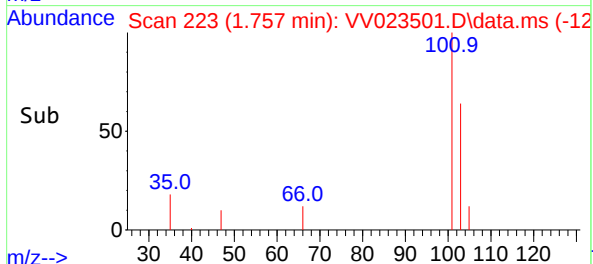
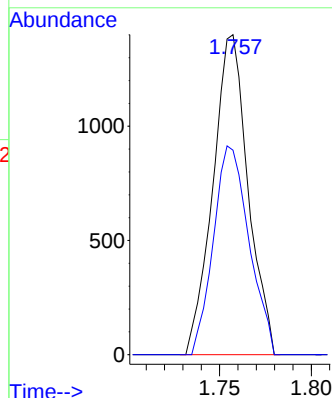
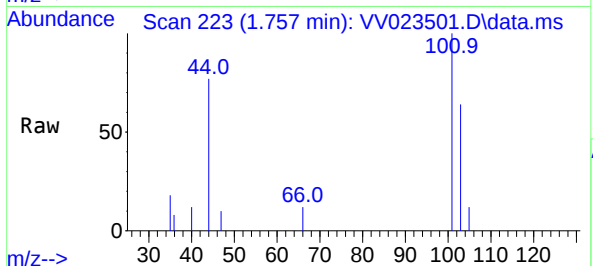




#9
Trichlorofluoromethane
Concen: 0.118 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

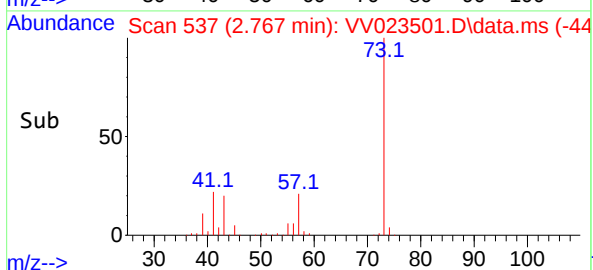
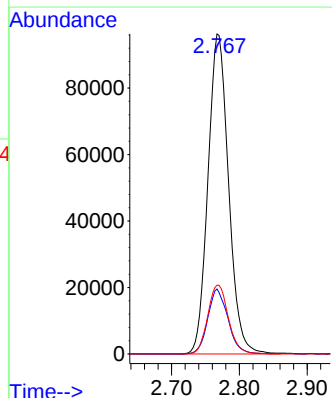
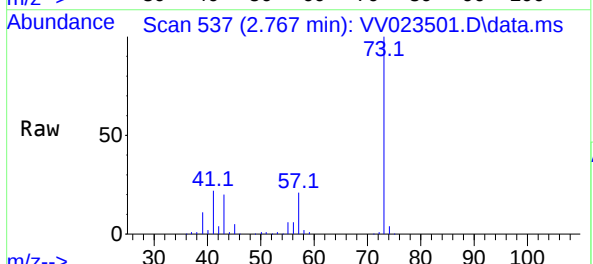
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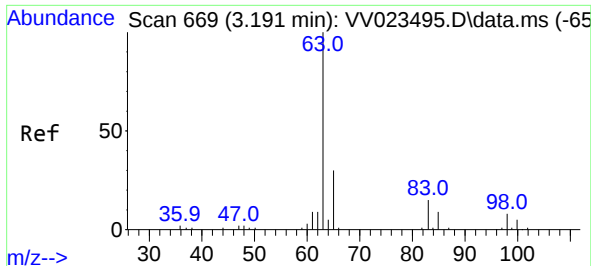
Tgt Ion:101 Resp: 1865
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0



#17
Methyl tert-butyl Ether
Concen: 12.224 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

Tgt Ion: 73 Resp: 203425
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 21.6 16.5 24.7

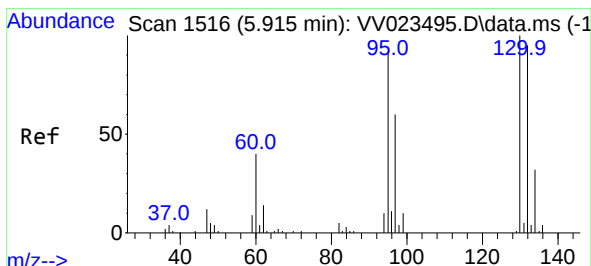
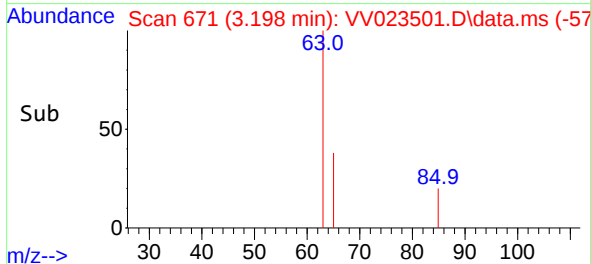
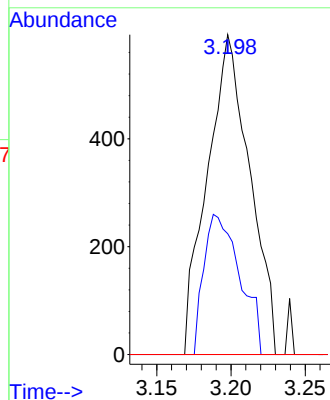
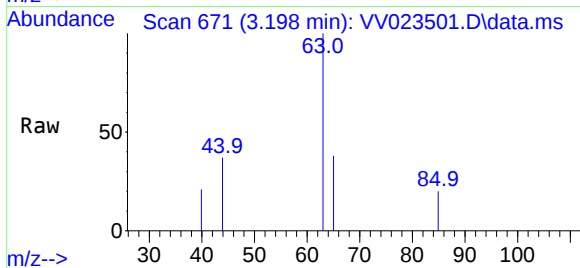




#19
1,1-Dichloroethane
Concen: 0.075 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

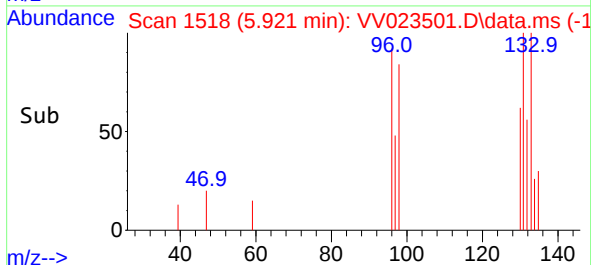
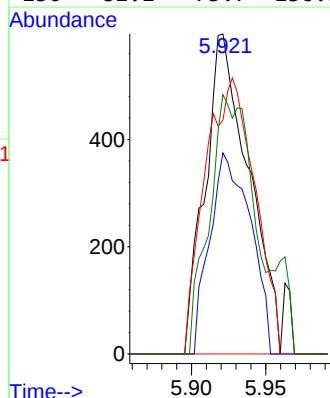
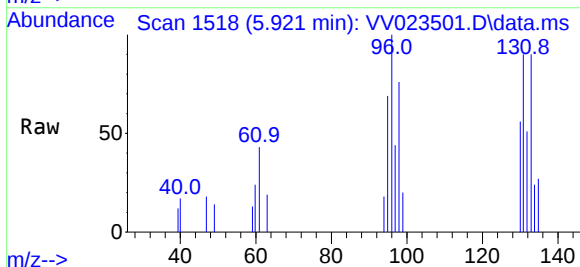
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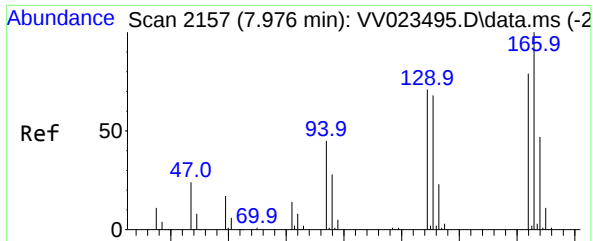
Tgt Ion: 63 Resp: 1180
Ion Ratio Lower Upper
63 100
65 37.8 22.6 42.0
83 0.0 11.1 20.7#



#34
Trichloroethene
Concen: 0.130 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

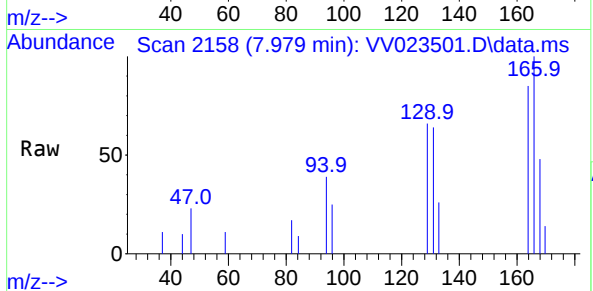
Tgt Ion: 95 Resp: 1222
Ion Ratio Lower Upper
95 100
97 62.8 45.0 83.6
132 73.0 69.7 129.4
130 81.1 73.7 136.9





#47
Tetrachloroethene
Concen: 0.209 ug/L
RT: 7.979 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023501.D
Acq: 15 Nov 2021 22:44

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 1699

Ion	Ratio	Lower	Upper
164	100		
129	77.0	64.0	119.0
131	75.2	63.4	117.8
166	117.3	89.3	165.9

