

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
 Data File : VV022571.D
 Acq On : 05 Oct 2021 14:38
 Operator : SY/MD
 Sample : M3967-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0T7

Quant Time: Oct 06 05:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

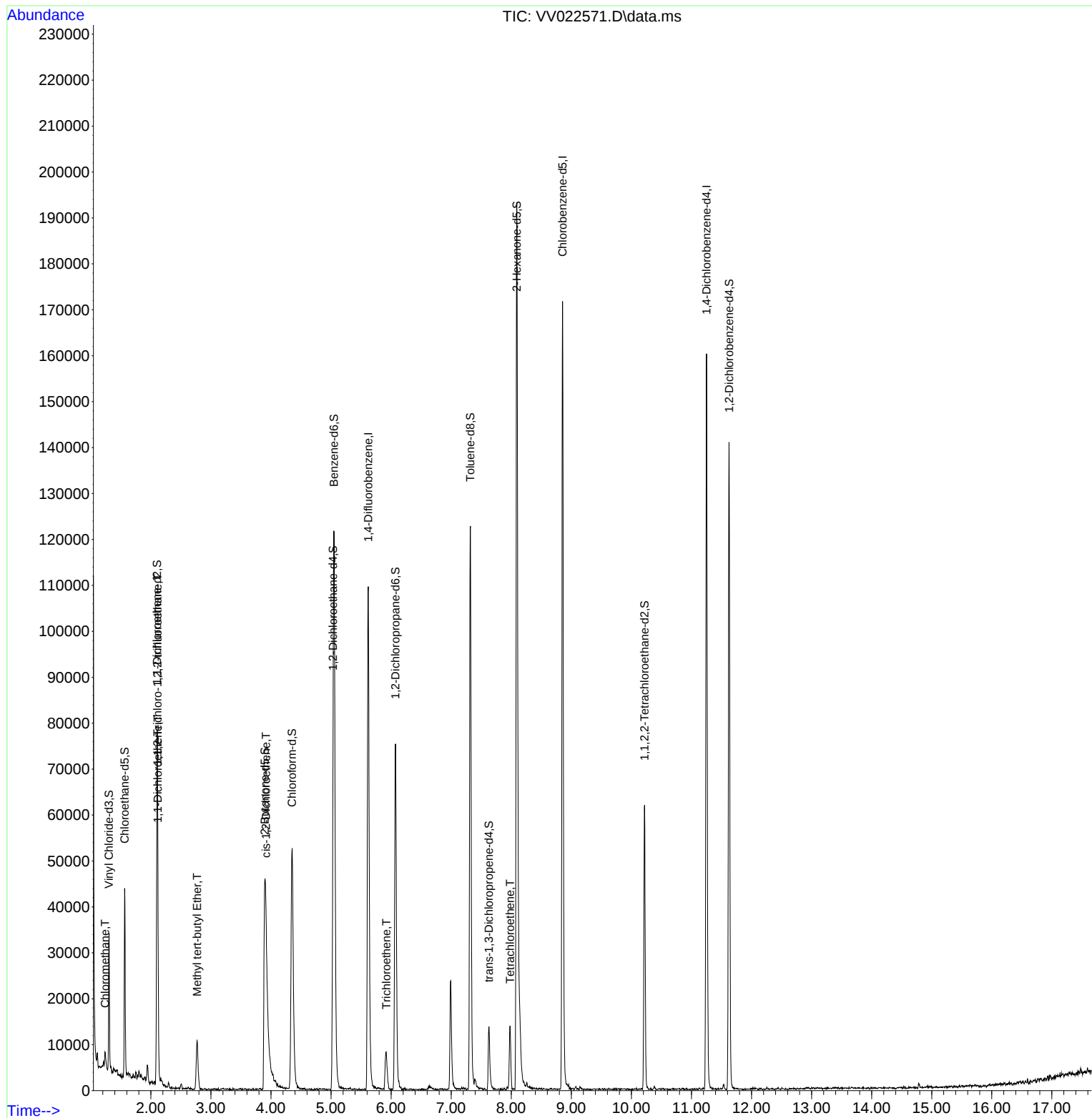
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	98180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16782	5.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.564	69	24089	5.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.104	63	32682	3.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.899	46	98317	51.947	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.900%
24) Chloroform-d	4.349	84	55670	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	30603	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.050	84	105983	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.072	67	36648	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	85286	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.628	79	8545	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.091	63	64481	50.414	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28822	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.628	152	37936	5.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2449	0.321	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6306	0.953	ug/L	93
12) 1,1-Dichloroethene	2.117	96	1823	0.298	ug/L	# 1
17) Methyl tert-butyl Ether	2.770	73	10287	0.661	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3939	0.544	ug/L	87
34) Trichloroethene	5.921	95	2039	0.265	ug/L	95
47) Tetrachloroethene	7.982	164	3241	0.542	ug/L	95

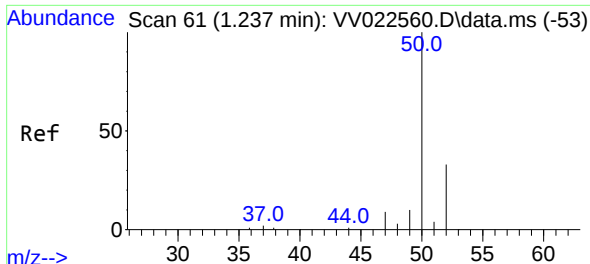
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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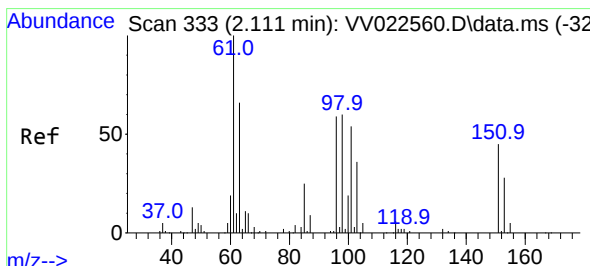
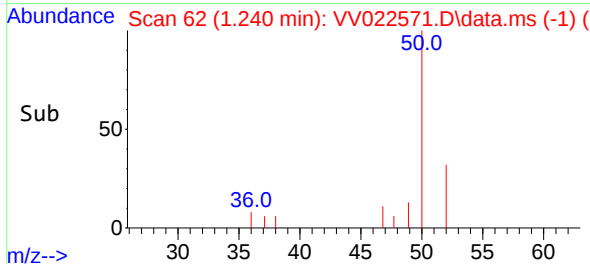
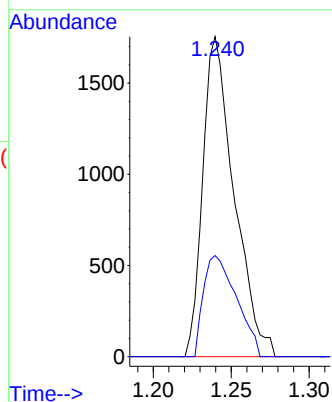
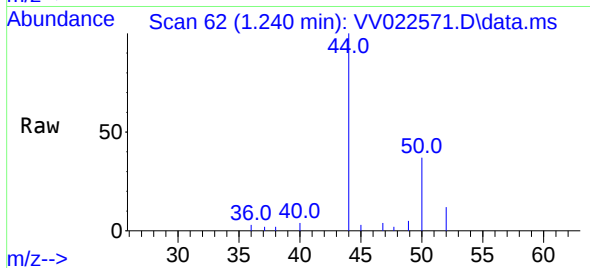




#3
Chloromethane
Concen: 0.321 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

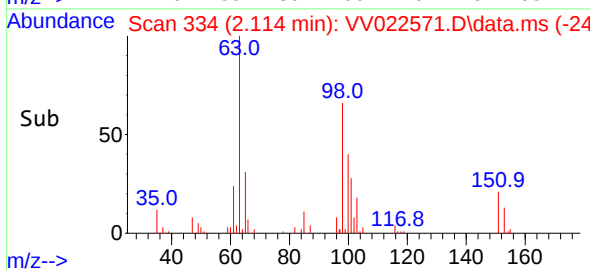
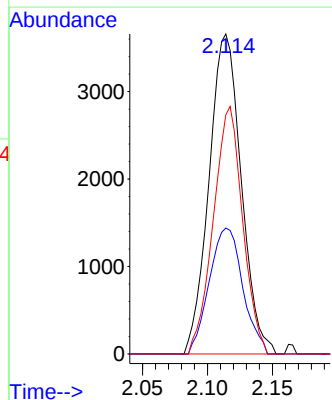
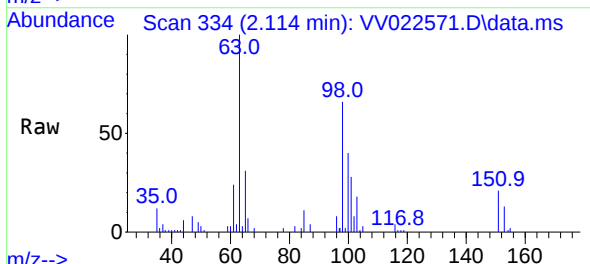
Instrument :
MSVOA_V
ClientSampleId :
BG0T7

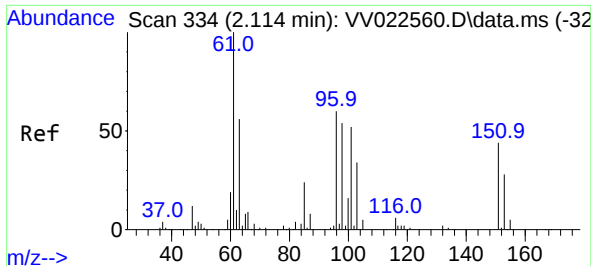
Tgt Ion: 50 Resp: 2449
Ion Ratio Lower Upper
50 100
52 31.6 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.953 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 101 Resp: 6306
Ion Ratio Lower Upper
101 100
85 40.9 35.8 53.6
151 70.3 61.9 92.9

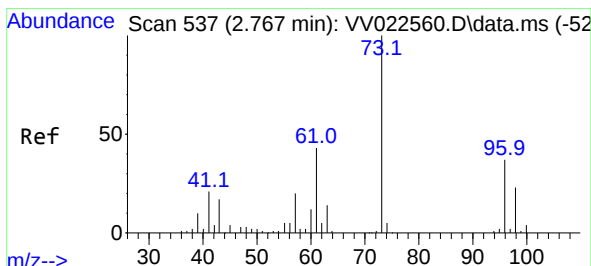
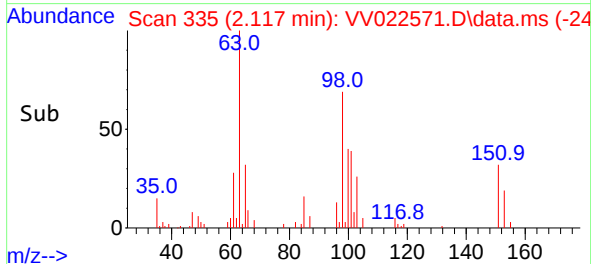
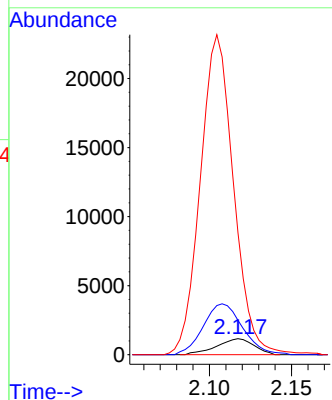
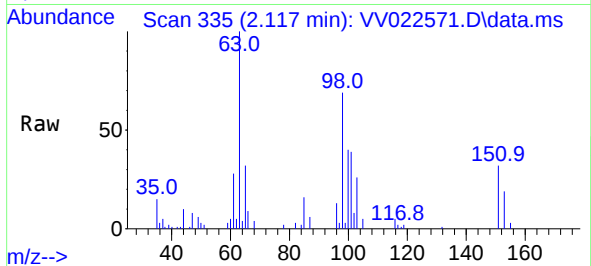




#12
1,1-Dichloroethene
Concen: 0.298 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

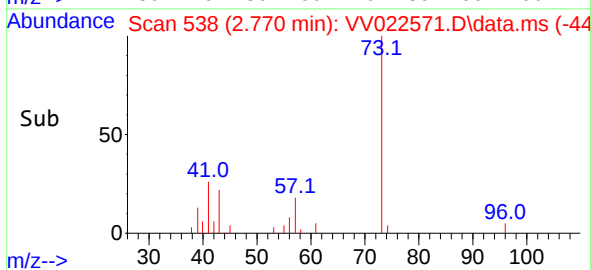
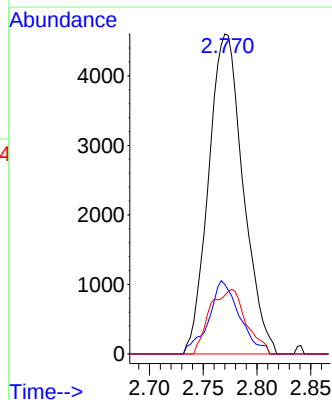
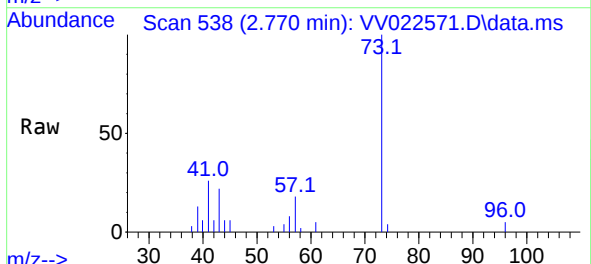
Instrument :
MSVOA_V
ClientSampleId :
BG0T7

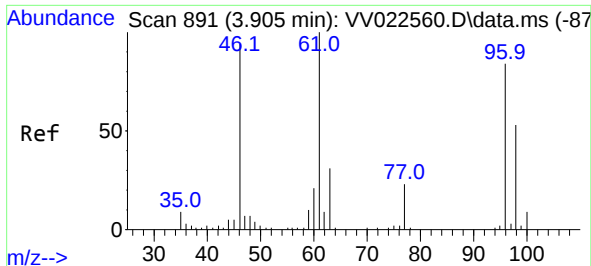
Tgt Ion: 96 Resp: 1823
Ion Ratio Lower Upper
96 100
61 215.0 113.2 210.2#
63 761.2 66.6 123.8#



#17
Methyl tert-butyl Ether
Concen: 0.661 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 73 Resp: 10287
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5
57 21.1 17.5 26.3



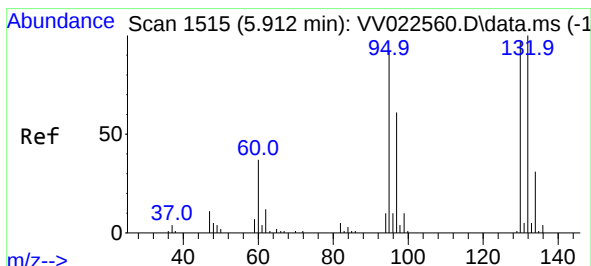
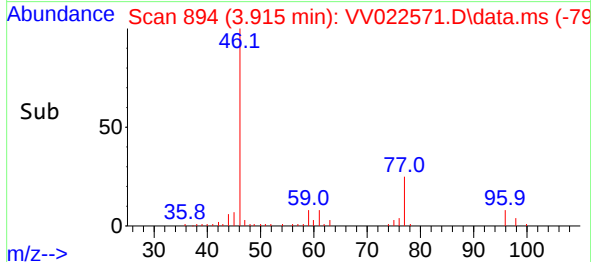
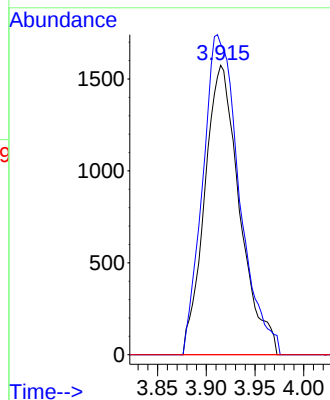
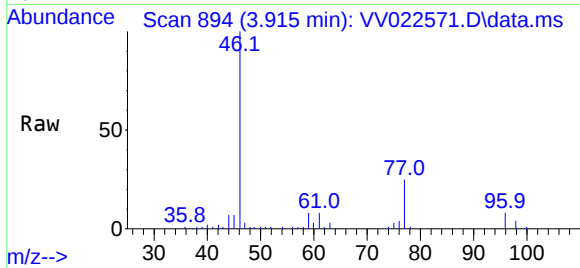


#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

Instrument :
MSVOA_V
ClientSampleId :
BG0T7

Tgt Ion: 96 Resp: 3939

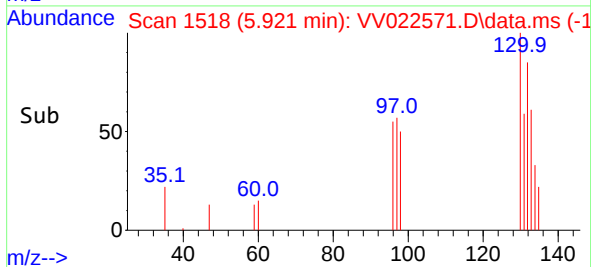
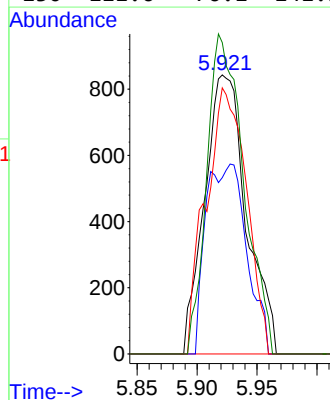
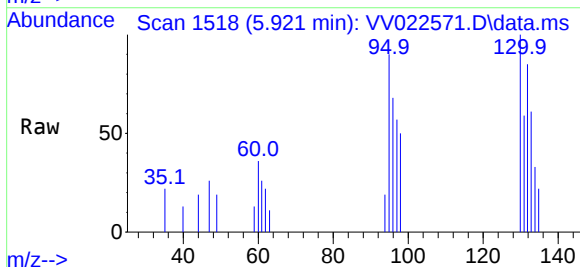
Ion	Ratio	Lower	Upper
96	100		
61	107.3	85.6	159.0
68	0.0	0.0	0.0

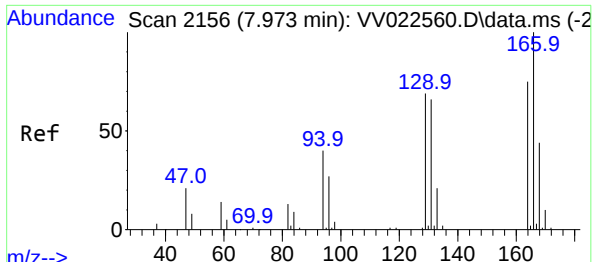


#34
Trichloroethene
Concen: 0.265 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.009 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 95 Resp: 2039

Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.5	86.5
132	95.4	73.0	135.6
130	111.6	76.1	141.3





#47
Tetrachloroethene
Concen: 0.542 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.009 min
Lab File: VV022571.D
Acq: 05 Oct 2021 14:38

Instrument :
MSVOA_V
ClientSampleId :
BG0T7

Tgt Ion:164 Resp: 3241

Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.5	121.6
131	83.2	62.4	116.0
166	123.8	91.1	169.3

