

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022514.D
 Acq On : 02 Oct 2021 16:30
 Operator : SY/MD
 Sample : M3996-17DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:00:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

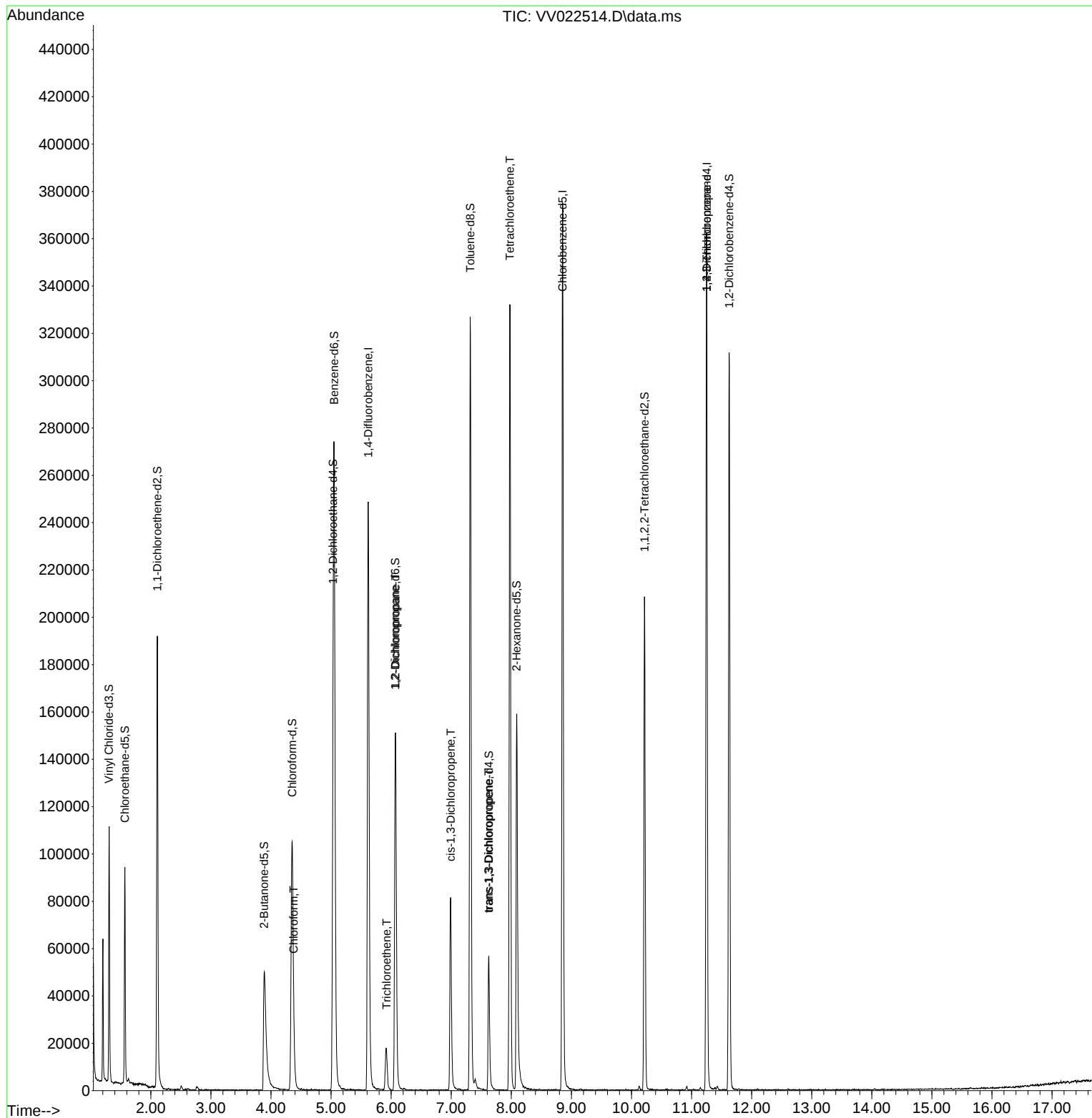
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	226159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	211674	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	97930	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67738	48.429	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.568	69	52993	48.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.108	63	98558	35.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.480%
21) 2-Butanone-d5	3.886	46	86507	112.359	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.360%
24) Chloroform-d	4.352	84	109200	42.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%
26) 1,2-Dichloroethane-d4	5.034	65	74630	50.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
32) Benzene-d6	5.050	84	242467	49.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	6.069	67	74181	49.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.280%
41) Toluene-d8	7.317	98	215965	48.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.020%
43) trans-1,3-Dichloroprop...	7.625	79	33274	46.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.180%
47) 2-Hexanone-d5	8.088	63	55526	88.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.790%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	94685	45.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	83567	52.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.660%
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	11018	3.568	ug/L	99
34) Trichloroethene	5.924	95	4450	2.608	ug/L	94
37) 1,2-Dichloropropane	6.072	63	8262	4.937	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2195	0.872	ug/L #	51
44) trans-1,3-Dichloropropene	7.622	75	1450	0.598	ug/L #	64
46) Tetrachloroethene	7.976	164	76412	53.487	ug/L	98
61) 1,2,3-Trichloropropane	11.252	75	10796	5.797	ug/L #	64

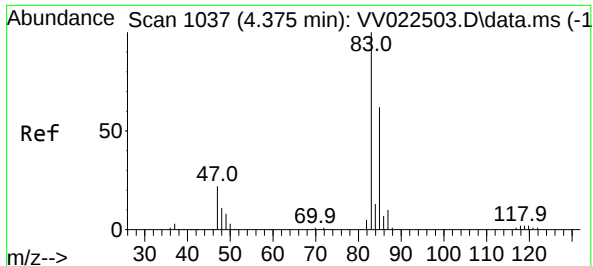
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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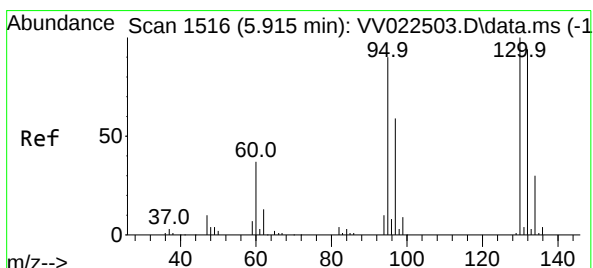
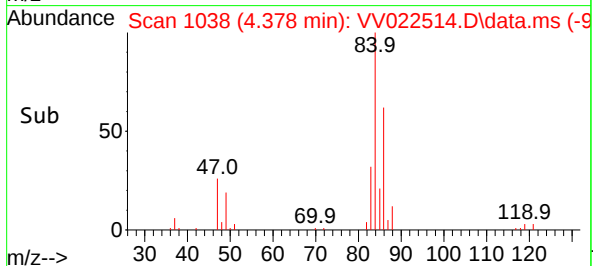
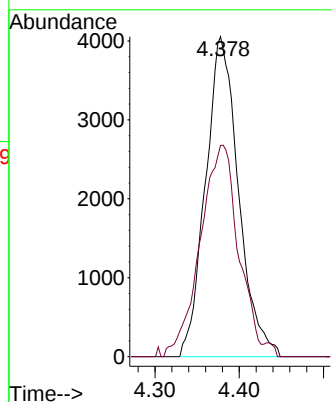
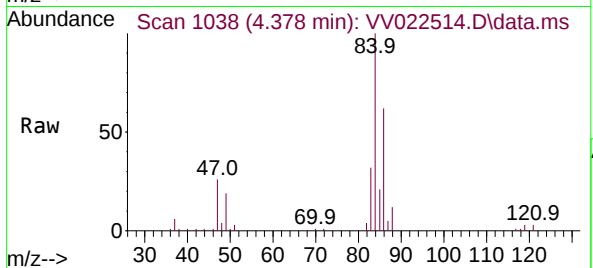


#25

Chloroform
Concen: 3.568 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

Instrument :
MSVOA_V
ClientSampled :

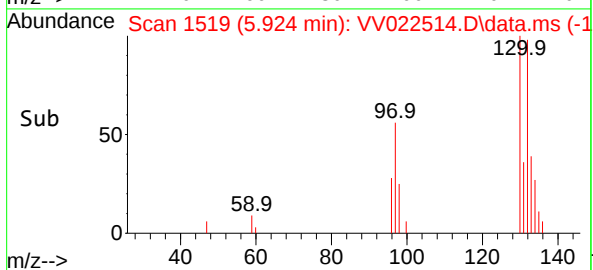
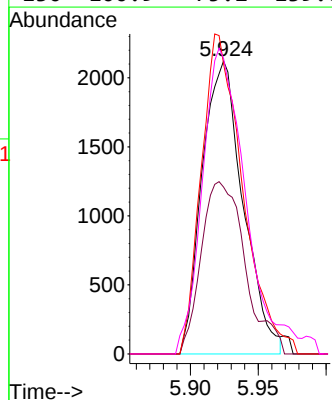
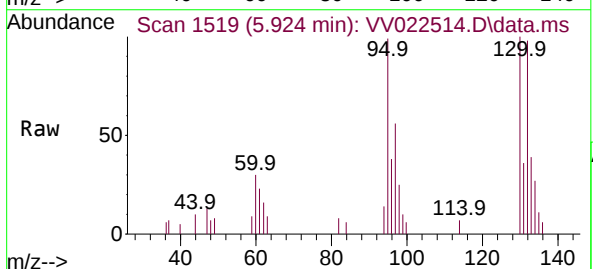
Tgt Ion: 83 Resp: 11018
Ion Ratio Lower Upper
83 100
85 66.0 45.8 85.0

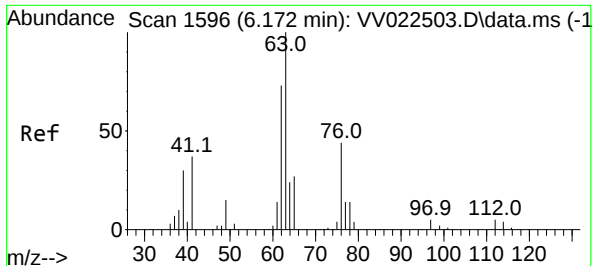


#34

Trichloroethene
Concen: 2.608 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

Tgt Ion: 95 Resp: 4450
Ion Ratio Lower Upper
95 100
97 57.0 45.4 84.4
132 99.1 71.5 132.9
130 100.9 75.2 139.6

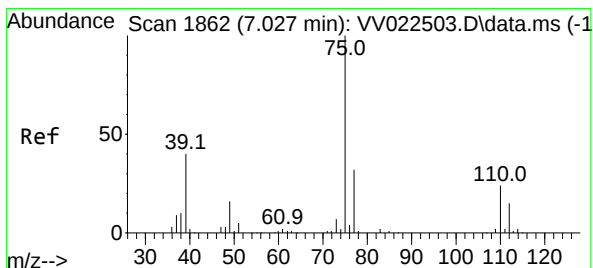
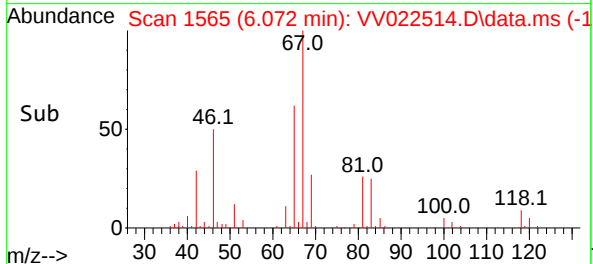
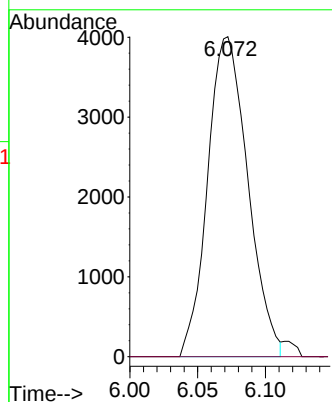
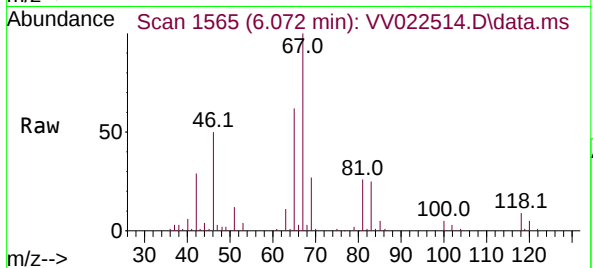




#37
1,2-Dichloropropane
Concen: 4.937 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

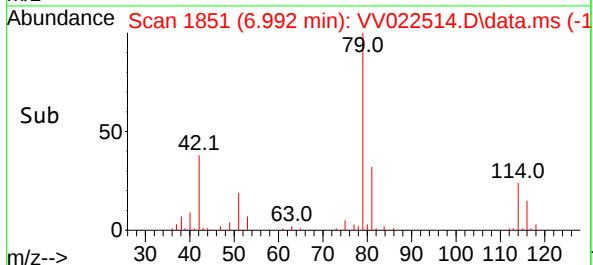
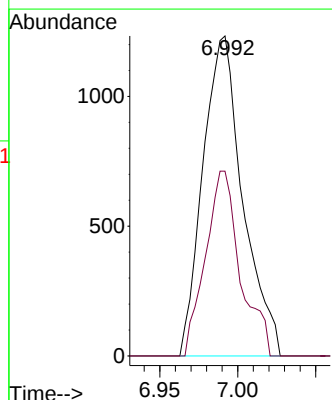
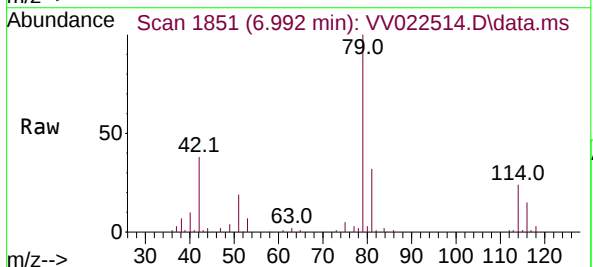
Instrument :
MSVOA_V
ClientSampleId :

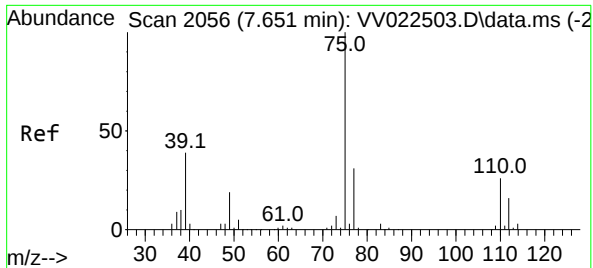
Tgt Ion: 63 Resp: 8262
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.872 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

Tgt Ion: 75 Resp: 2195
Ion Ratio Lower Upper
75 100
77 57.7 21.6 40.2#

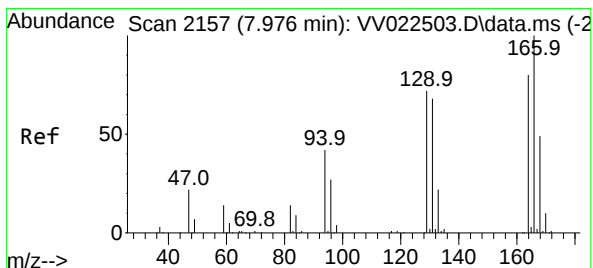
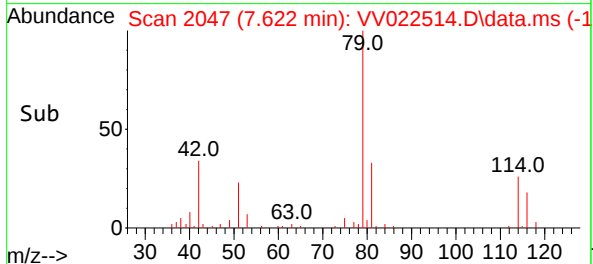
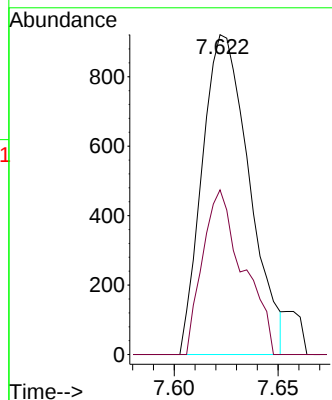
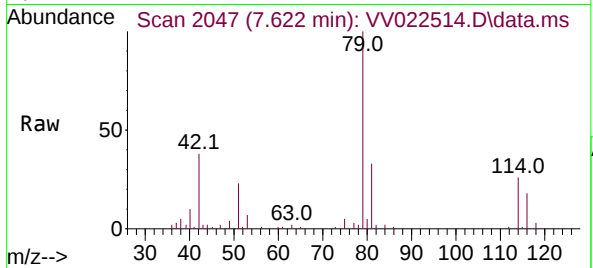




#44
trans-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

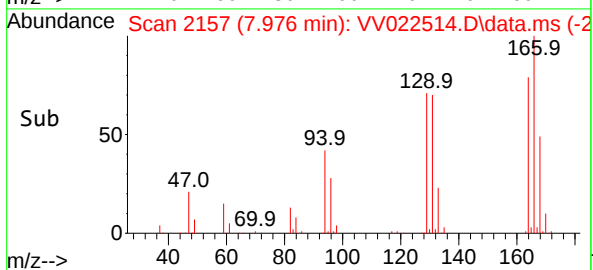
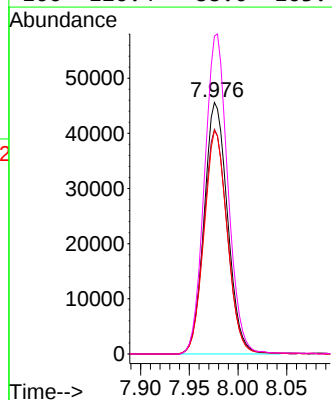
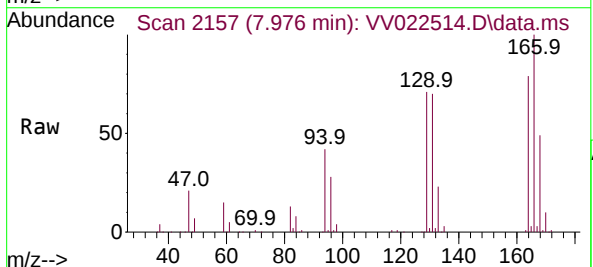
Instrument :
MSVOA_V
ClientSampleId :

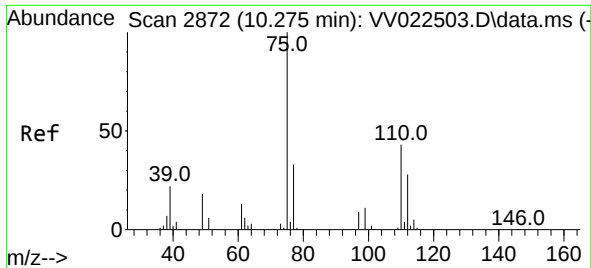
Tgt Ion: 75 Resp: 1450
Ion Ratio Lower Upper
75 100
77 51.5 22.0 40.8#



#46
Tetrachloroethene
Concen: 53.487 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022514.D
Acq: 02 Oct 2021 16:30

Tgt Ion: 164 Resp: 76412
Ion Ratio Lower Upper
164 100
129 89.3 64.6 120.0
131 88.8 59.9 111.3
166 126.4 88.0 163.4





#61
 1,2,3-Trichloropropane
 Concen: 5.797 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022514.D
 Acq: 02 Oct 2021 16:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 10796
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0
 110 3.7 34.3 51.5#

