

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022463.D
 Acq On : 01 Oct 2021 04:06
 Operator : SY/MD
 Sample : M3996-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A37

Quant Time: Oct 01 04:48:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

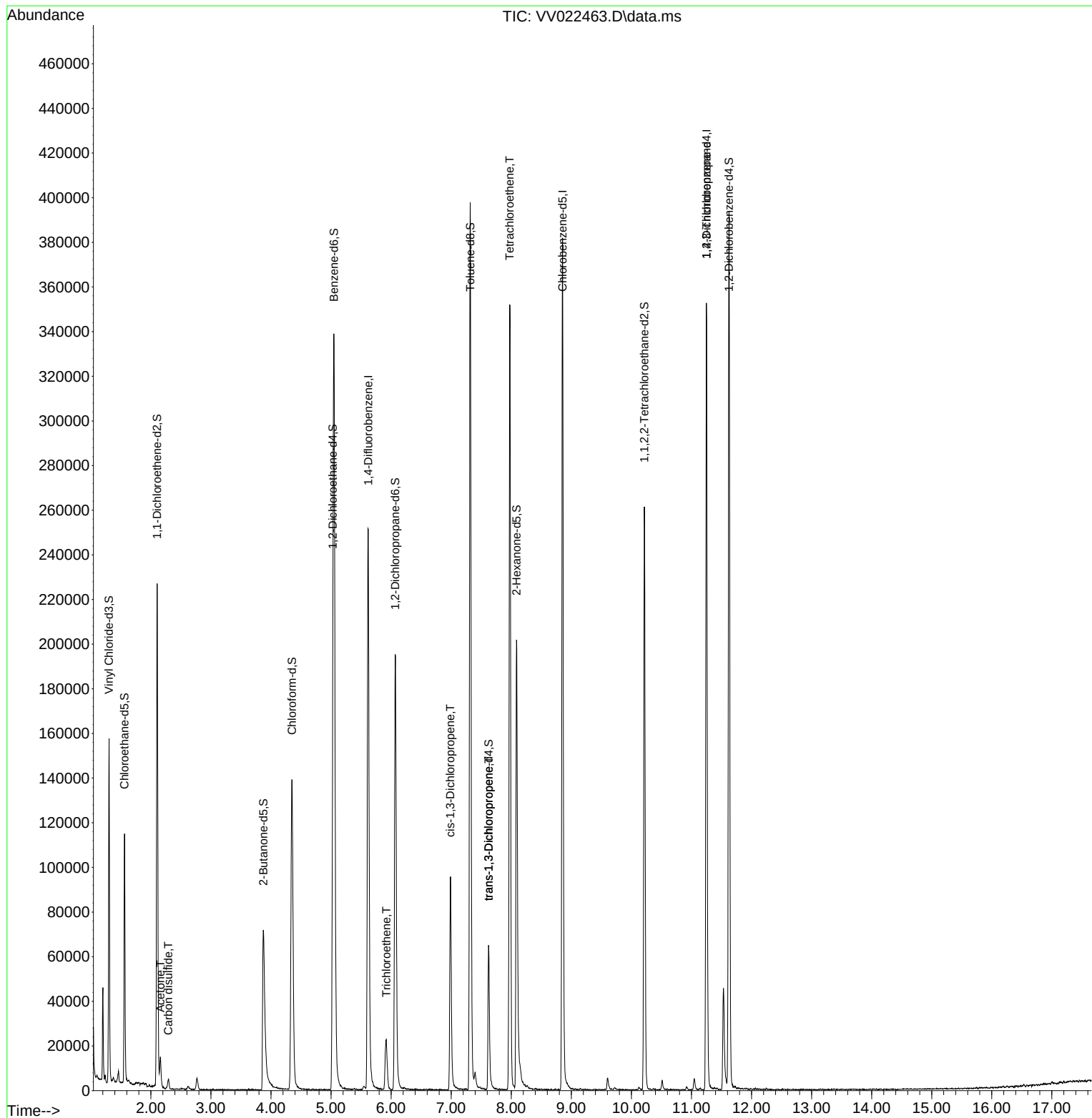
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	225248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	217633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83711	43.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.580%
7) Chloroethane-d5	1.561	69	69983	46.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.580%
11) 1,1-Dichloroethene-d2	2.105	63	114626	34.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.980%
21) 2-Butanone-d5	3.873	46	113452	84.096	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.100%
24) Chloroform-d	4.349	84	145676	42.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.031	65	92325	43.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
32) Benzene-d6	5.050	84	301037	43.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.940%
36) 1,2-Dichloropropane-d6	6.069	67	97208	44.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	7.317	98	266154	42.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.940%
43) trans-1,3-Dichloroprop...	7.622	79	37524	37.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.040%
47) 2-Hexanone-d5	8.088	63	70426	79.129	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.130%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	127359	40.056	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	107073	49.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	12242	11.562	ug/L	96
14) Carbon disulfide	2.291	76	4186	0.905	ug/L	98
34) Trichloroethene	5.921	95	5690	3.331	ug/L	94
39) cis-1,3-Dichloropropene	6.986	75	2260	0.901	ug/L #	72
44) trans-1,3-Dichloropropene	7.622	75	1576	0.658	ug/L	83
46) Tetrachloroethene	7.976	164	80843	57.485	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	10678	5.940	ug/L #	65

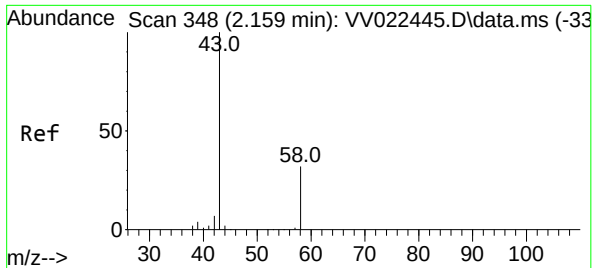
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.562 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

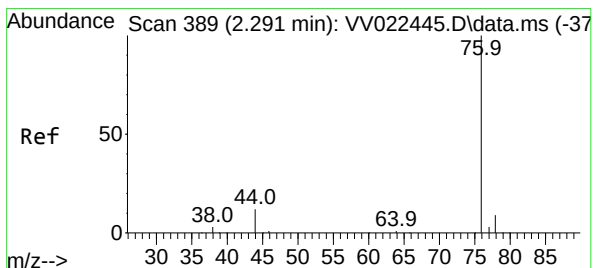
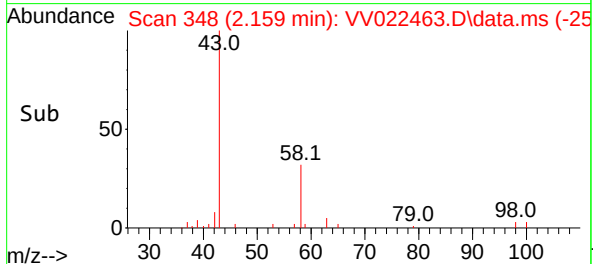
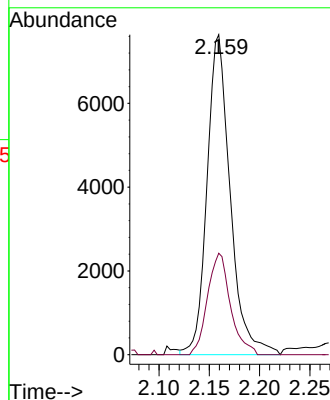
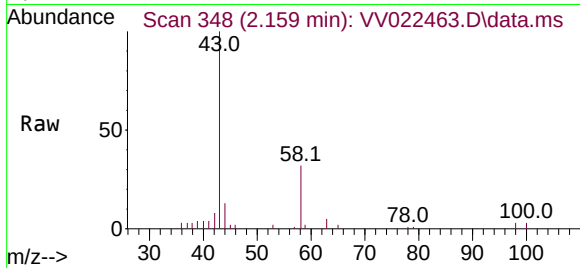
Lab File: VV022463.D

Acq: 01 Oct 2021 04:06

Tgt Ion: 43 Resp: 12242

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	67.2



#14

Carbon disulfide

Concen: 0.905 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

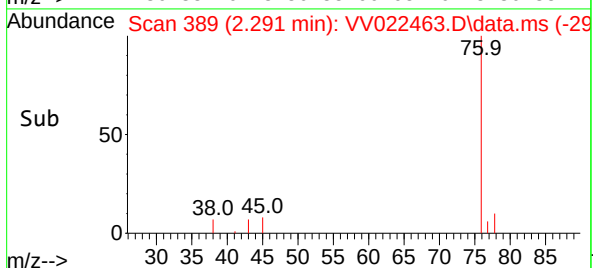
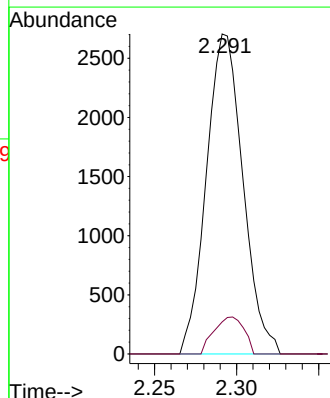
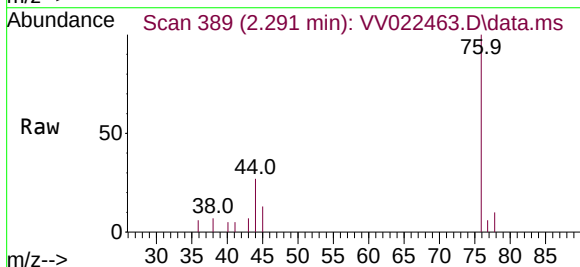
Lab File: VV022463.D

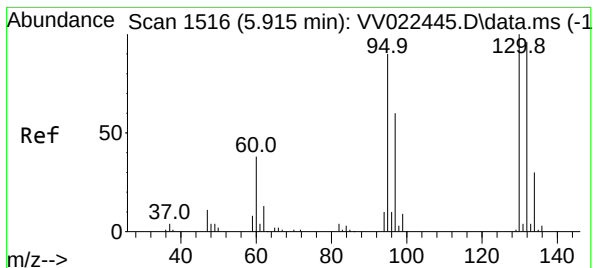
Acq: 01 Oct 2021 04:06

Tgt Ion: 76 Resp: 4186

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.0





#34

Trichloroethene

Concen: 3.331 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022463.D

Acq: 01 Oct 2021 04:06

Tgt Ion: 95 Resp: 5690

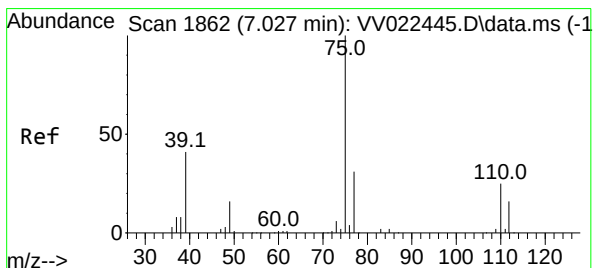
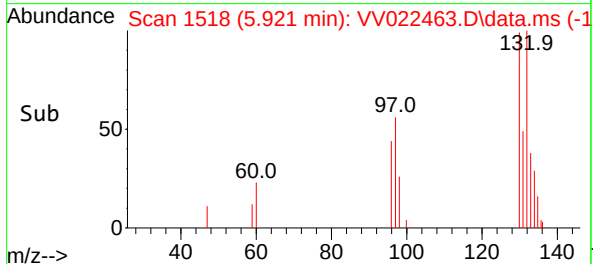
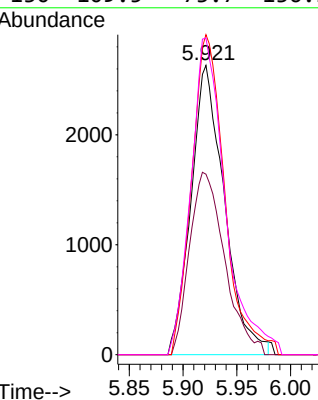
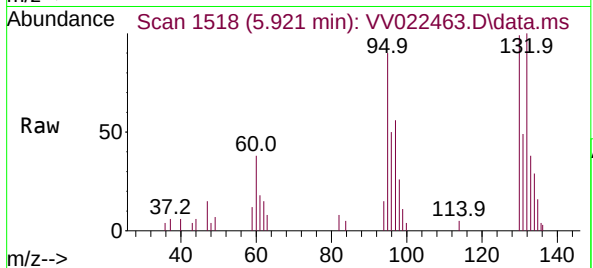
Ion Ratio Lower Upper

95 100

97 62.4 45.2 84.0

132 110.6 71.0 131.8

130 109.5 73.7 136.9



#39

cis-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV022463.D

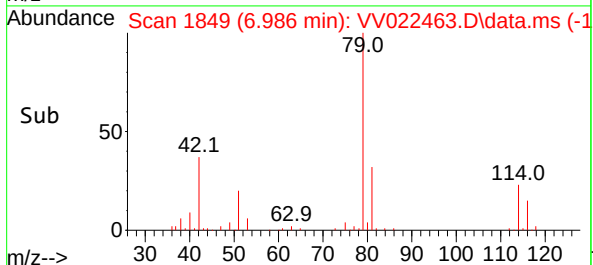
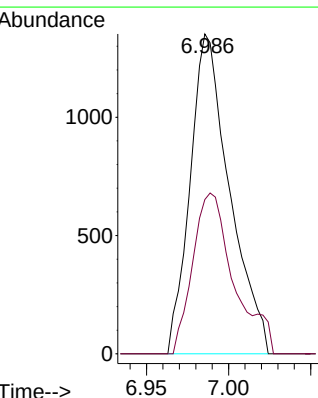
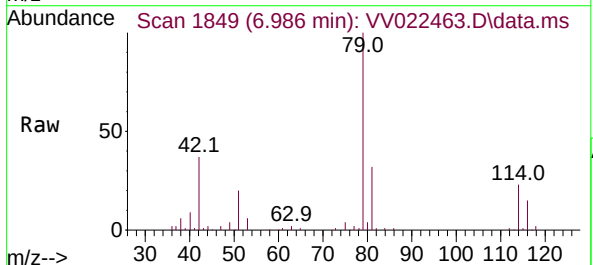
Acq: 01 Oct 2021 04:06

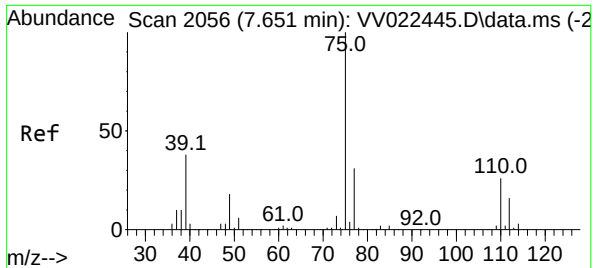
Tgt Ion: 75 Resp: 2260

Ion Ratio Lower Upper

75 100

77 48.2 22.7 42.1#

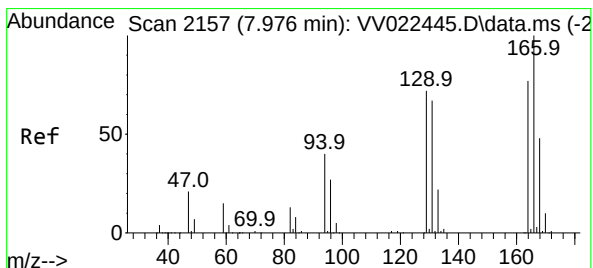
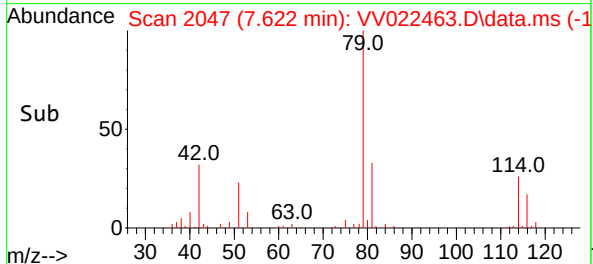
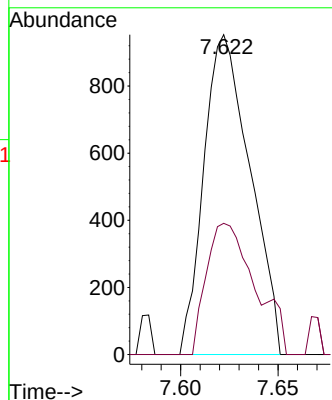
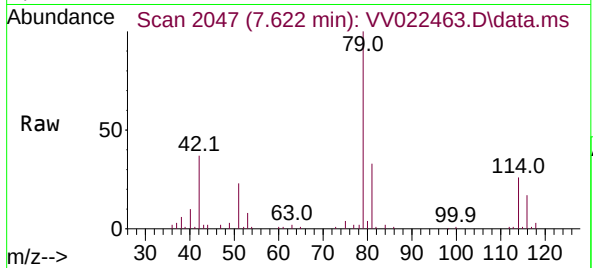




#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022463.D
Acq: 01 Oct 2021 04:06

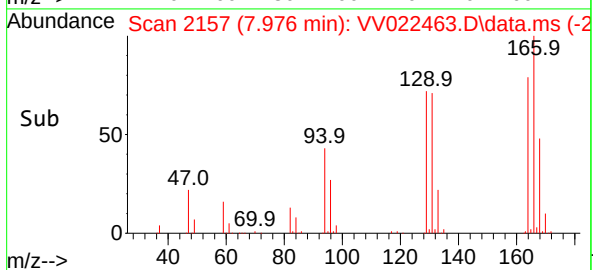
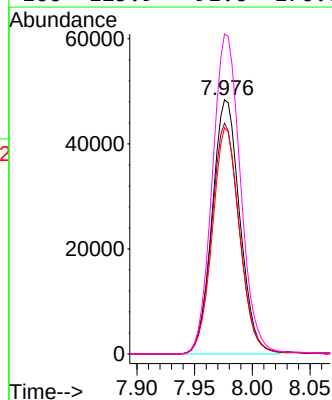
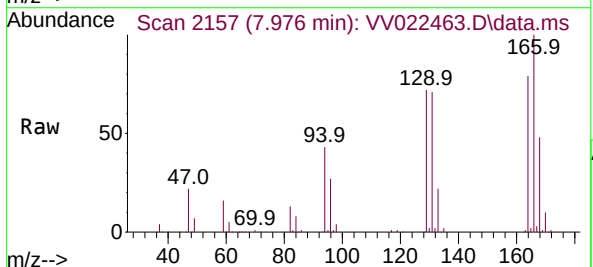
Instrument :
MSVOA_V
ClientSampled :
F4A37

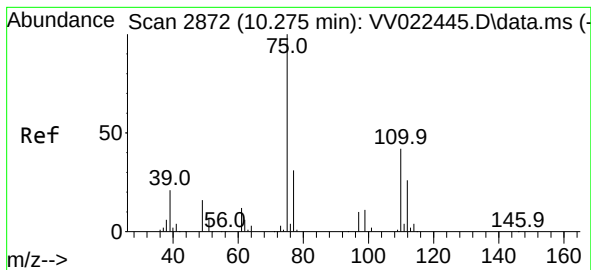
Tgt Ion: 75 Resp: 1576
Ion Ratio Lower Upper
75 100
77 41.0 22.3 41.3



#46
Tetrachloroethene
Concen: 57.485 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022463.D
Acq: 01 Oct 2021 04:06

Tgt Ion: 164 Resp: 80843
Ion Ratio Lower Upper
164 100
129 90.8 66.4 123.4
131 89.0 63.6 118.0
166 125.9 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 5.940 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022463.D
 Acq: 01 Oct 2021 04:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A37

Tgt Ion: 75 Resp: 10678
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 110 2.6 32.6 48.8#

