

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022432.D
 Acq On : 30 Sep 2021 15:18
 Operator : SY/MD
 Sample : M3978-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A36

Quant Time: Oct 01 02:42:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

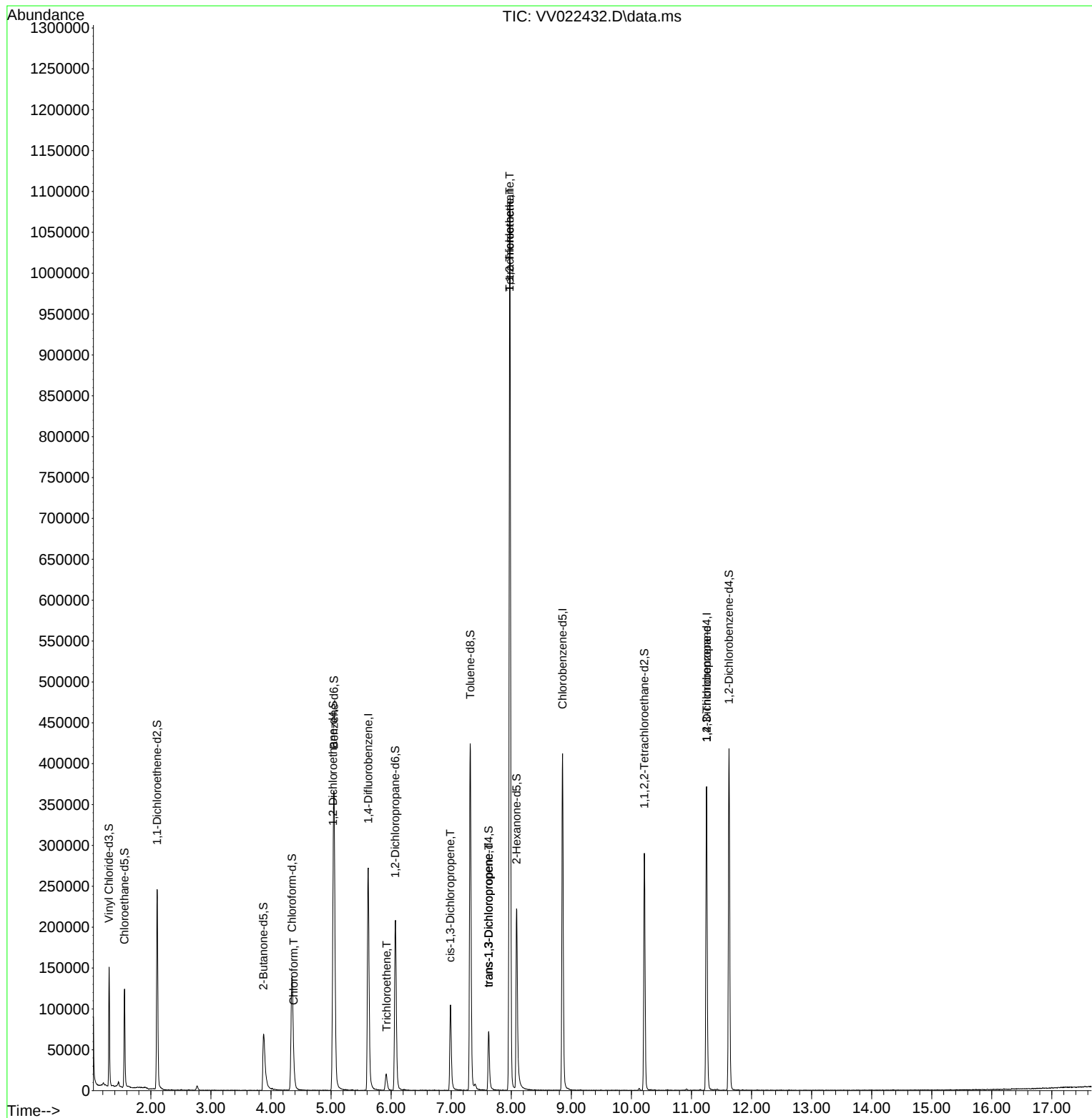
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242201	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	233620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91796	44.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.320%
7) Chloroethane-d5	1.561	69	74058	45.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.100%
11) 1,1-Dichloroethene-d2	2.105	63	125867	35.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.440%
21) 2-Butanone-d5	3.876	46	104941	72.343	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.340%
24) Chloroform-d	4.349	84	145686	39.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.500%
26) 1,2-Dichloroethane-d4	5.034	65	97078	42.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.300%
32) Benzene-d6	5.050	84	328753	44.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	6.069	67	103645	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	7.317	98	289332	43.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
43) trans-1,3-Dichloroprop...	7.625	79	42240	39.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.680%
47) 2-Hexanone-d5	8.088	63	75581	79.110	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.110%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	138635	40.619	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.240%
66) 1,2-Dichlorobenzene-d4	11.625	152	109146	48.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
Target Compounds						Qvalue
25) Chloroform	4.378	83	14225	4.164	ug/L	100
34) Trichloroethene	5.924	95	5525	3.013	ug/L	94
39) cis-1,3-Dichloropropene	6.985	75	2408	0.894	ug/L #	54
44) trans-1,3-Dichloropropene	7.622	75	1711	0.665	ug/L #	77
45) 1,1,2-Trichloroethane	7.976	97	1882	1.011	ug/L #	1
46) Tetrachloroethene	7.976	164	249481	165.258	ug/L	97
61) 1,2,3-Trichloropropane	11.252	75	11957	6.295	ug/L #	66

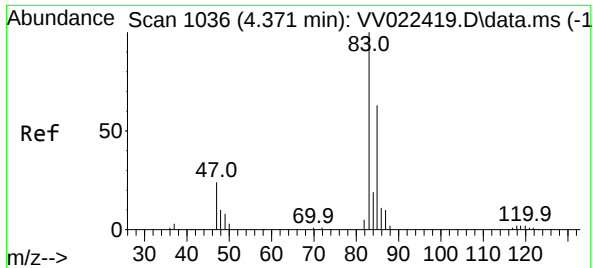
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 01 02:38:11 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 4.164 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022432.D

Acq: 30 Sep 2021 15:18

Tgt Ion: 83 Resp: 14225

Ion Ratio Lower Upper

83 100

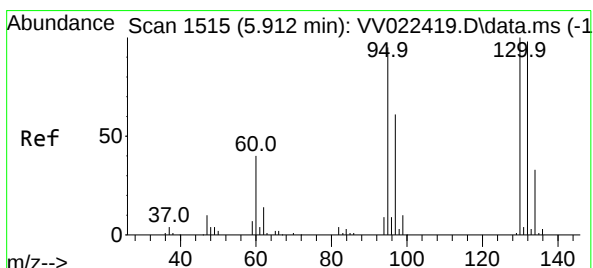
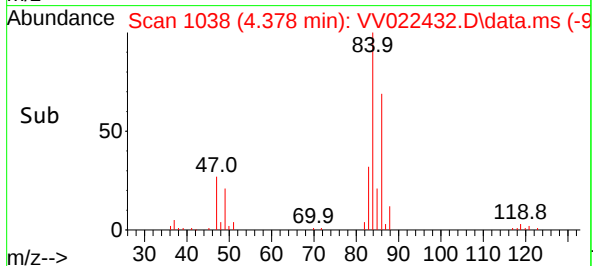
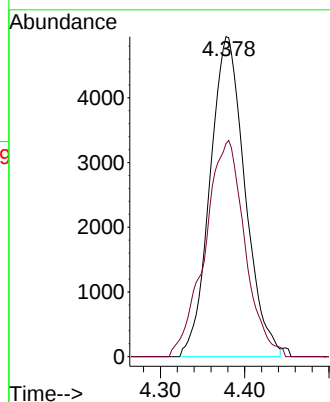
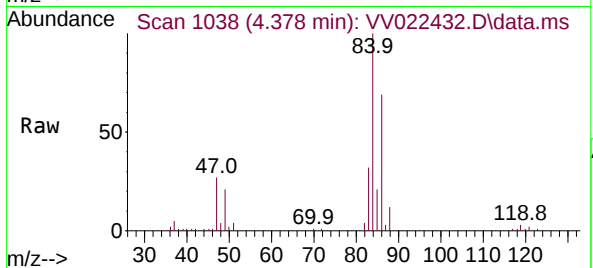
85 66.5 46.5 86.3

Instrument :

MSVOA_V

ClientSampleId :

F4A36



#34

Trichloroethene

Concen: 3.013 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV022432.D

Acq: 30 Sep 2021 15:18

Tgt Ion: 95 Resp: 5525

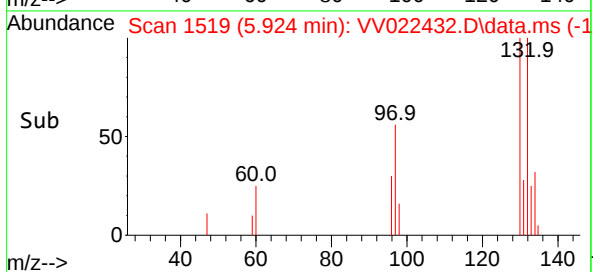
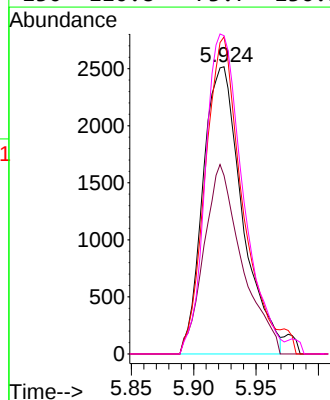
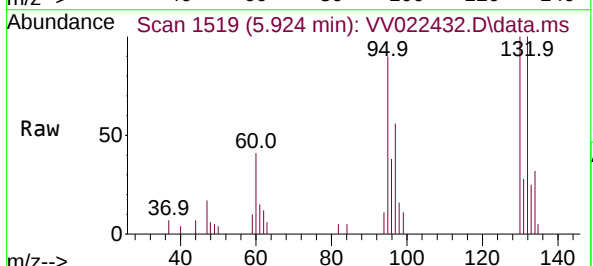
Ion Ratio Lower Upper

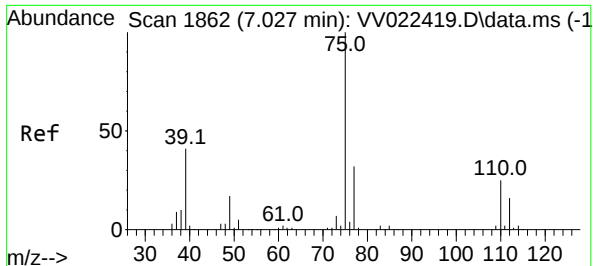
95 100

97 62.1 45.2 84.0

132 110.4 71.0 131.8

130 110.8 73.7 136.9



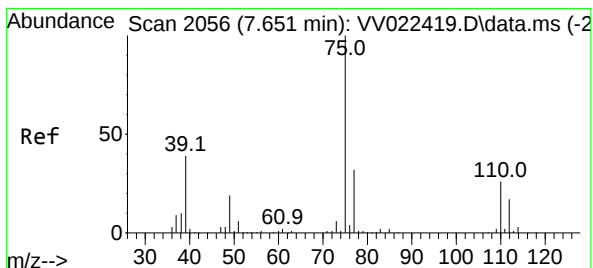
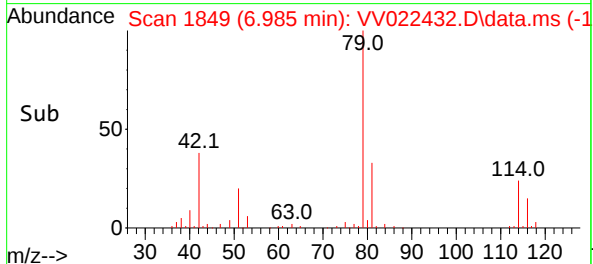
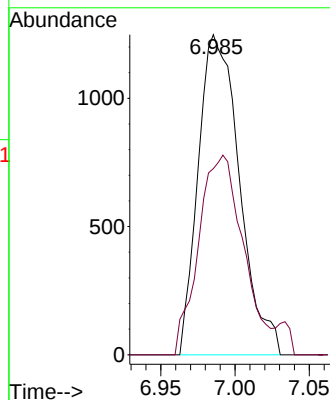
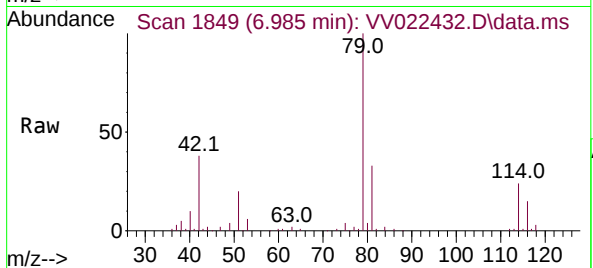


#39

cis-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022432.D
Acq: 30 Sep 2021 15:18

Instrument :
MSVOA_V
ClientSampled :
F4A36

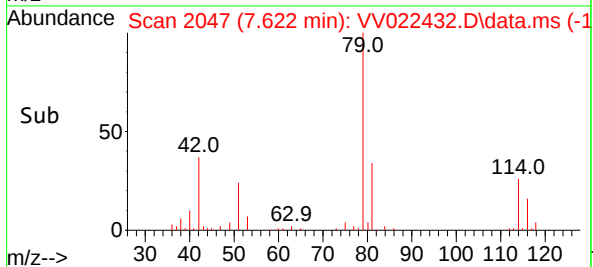
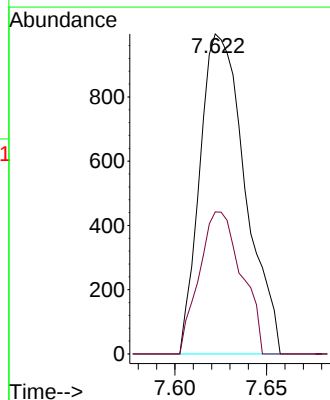
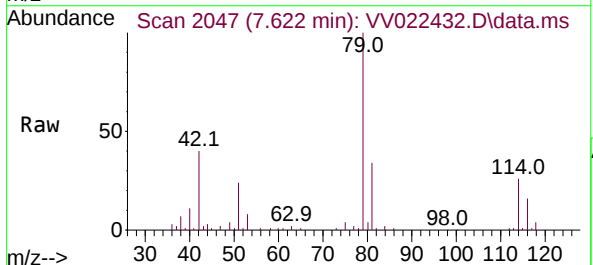
Tgt Ion: 75 Resp: 2408
Ion Ratio Lower Upper
75 100
77 58.2 22.7 42.1#

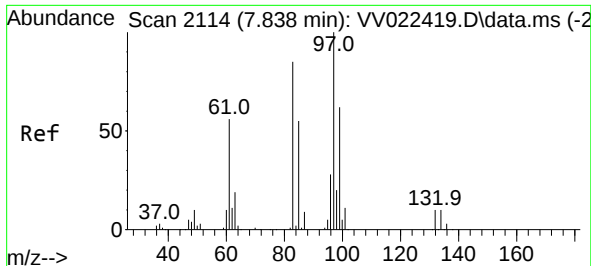


#44

trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022432.D
Acq: 30 Sep 2021 15:18

Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
77 44.4 22.3 41.3#





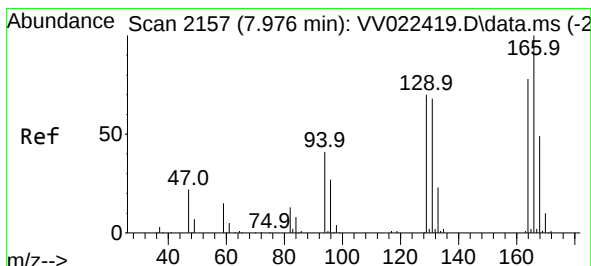
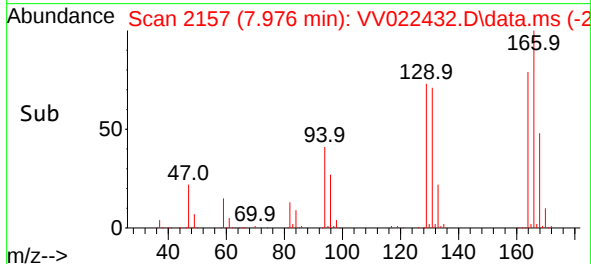
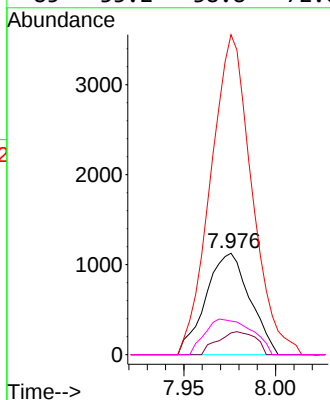
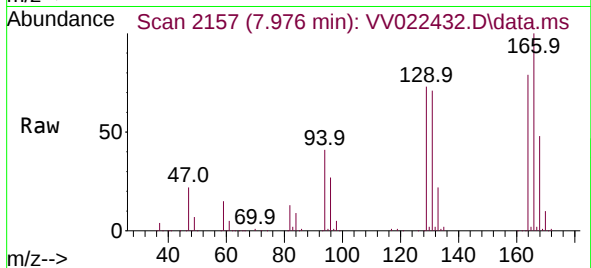
#45

1,1,2-Trichloroethane
Concen: 1.011 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV022432.D
Acq: 30 Sep 2021 15:18

Instrument :
MSVOA_V
ClientSampled :
F4A36

Tgt Ion: 97 Resp: 1882

Ion	Ratio	Lower	Upper
97	100		
99	21.5	44.6	82.8#
83	315.5	59.8	111.1#
85	33.2	38.8	72.0#

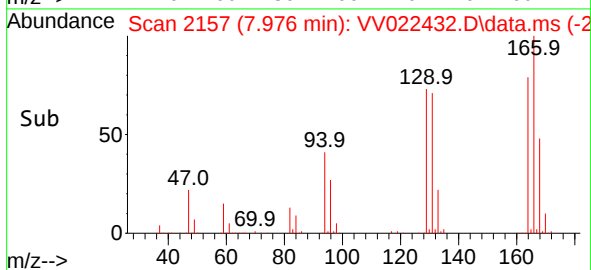
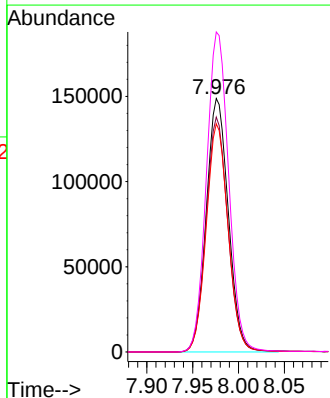
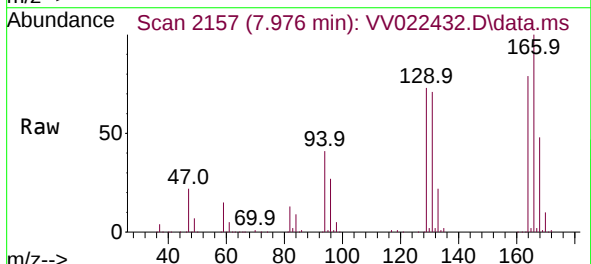


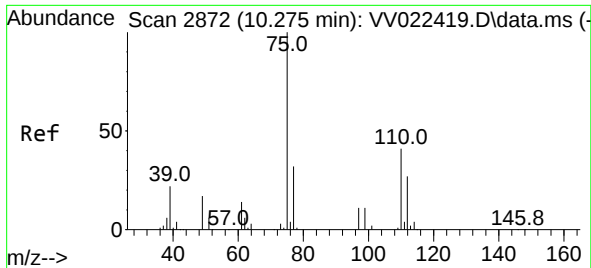
#46

Tetrachloroethene
Concen: 165.258 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022432.D
Acq: 30 Sep 2021 15:18

Tgt Ion: 164 Resp: 249481

Ion	Ratio	Lower	Upper
164	100		
129	92.6	66.4	123.4
131	90.0	63.6	118.0
166	126.2	91.6	170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.295 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022432.D
 Acq: 30 Sep 2021 15:18

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A36

Tgt Ion:	75	Resp:	11957
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
110	3.5	32.6	48.8#

