

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022400.D
 Acq On : 30 Sep 2021 00:32
 Operator : SY/MD
 Sample : M3979-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A45

Quant Time: Sep 30 07:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

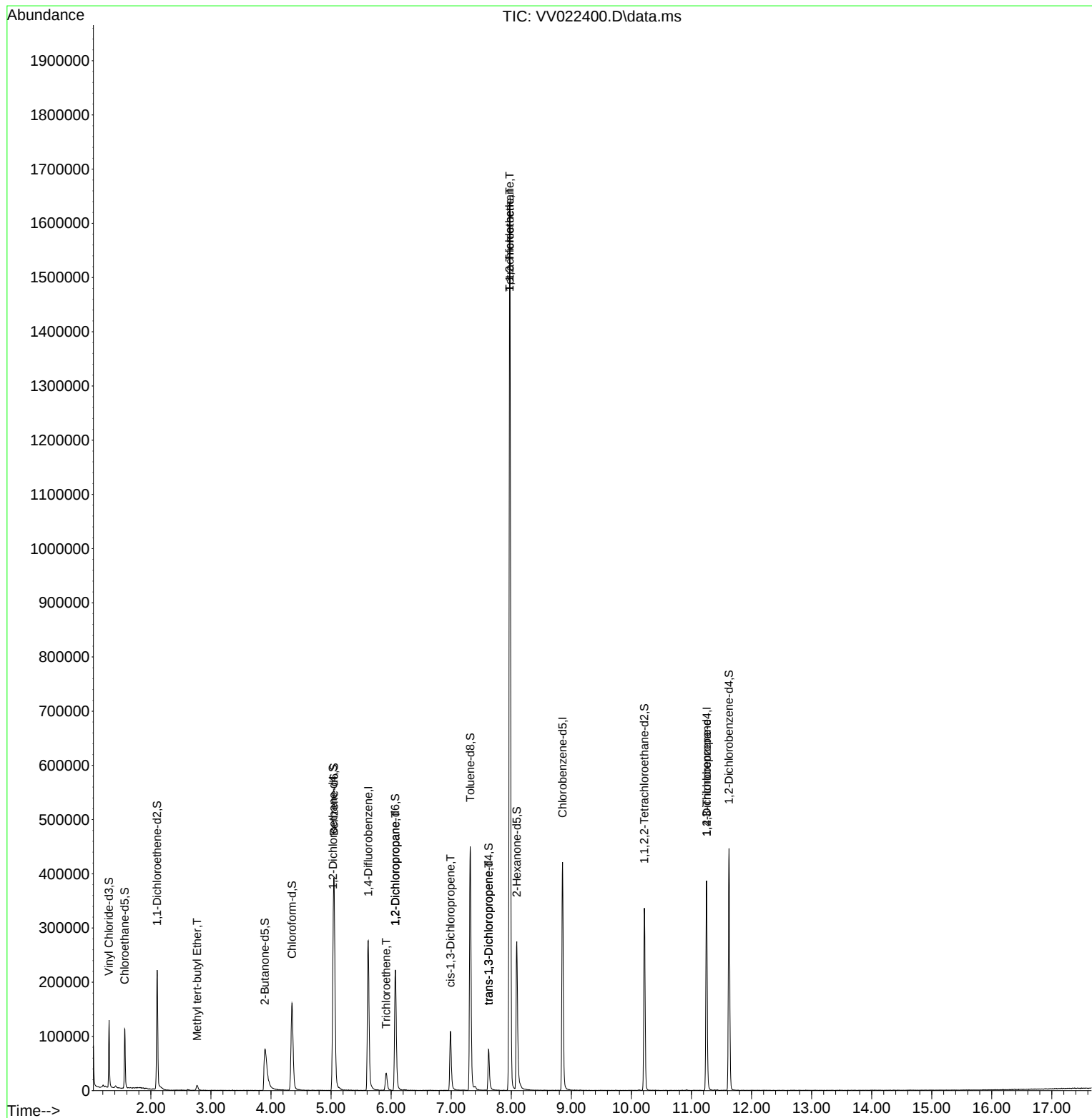
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	250300	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	241748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	105180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75155	35.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.760%
7) Chloroethane-d5	1.564	69	67502	40.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.360%
11) 1,1-Dichloroethene-d2	2.105	63	112440	30.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.900%
21) 2-Butanone-d5	3.899	46	151088	100.785	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	4.349	84	168602	43.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.920%
26) 1,2-Dichloroethane-d4	5.034	65	105559	44.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.760%
32) Benzene-d6	5.050	84	342019	44.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	6.069	67	112855	46.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	7.317	98	298846	42.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.860%
43) trans-1,3-Dichloroprop...	7.622	79	42891	38.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
47) 2-Hexanone-d5	8.091	63	100502	101.658	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	159863	45.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	118458	50.649	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.300%
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	8058	1.427	ug/L #	80
34) Trichloroethene	5.918	95	11040	5.819	ug/L	91
37) 1,2-Dichloropropane	6.072	63	12003	6.339	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2862	1.027	ug/L #	71
44) trans-1,3-Dichloropropene	7.622	75	2007	0.754	ug/L	96
45) 1,1,2-Trichloroethane	7.976	97	2900	1.505	ug/L #	1
46) Tetrachloroethene	7.976	164	372620	238.528	ug/L	98
61) 1,2,3-Trichloropropane	11.252	75	11604	5.913	ug/L #	65

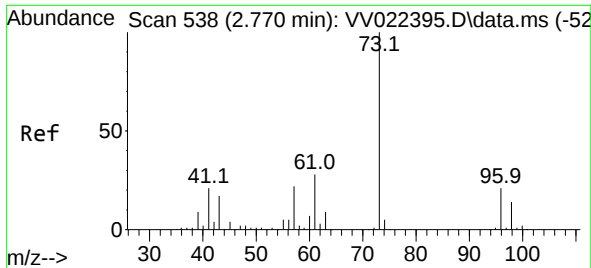
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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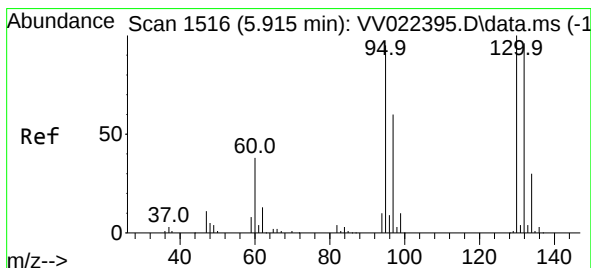
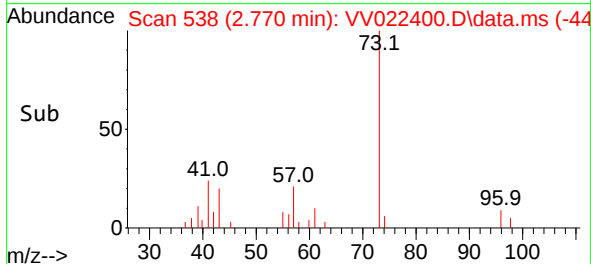
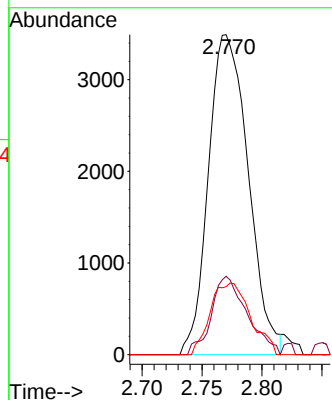
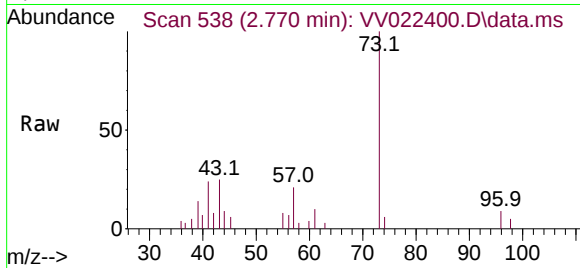




#18
Methyl tert-butyl Ether
Concen: 1.427 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

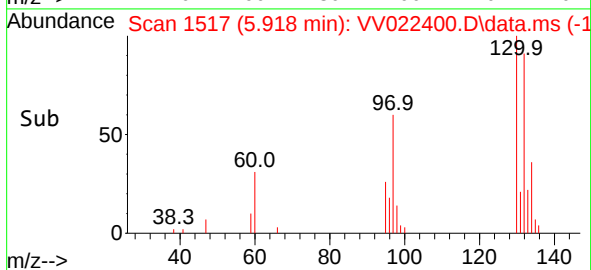
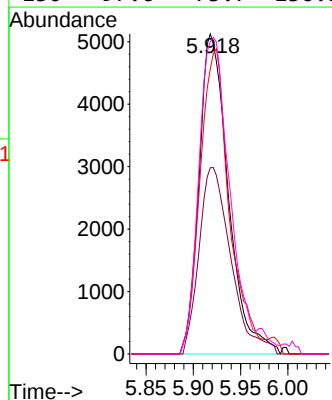
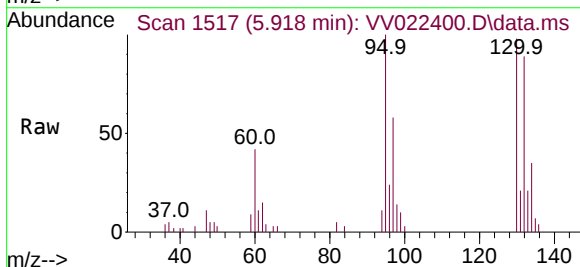
Instrument :
MSVOA_V
ClientSampleId :
F4A45

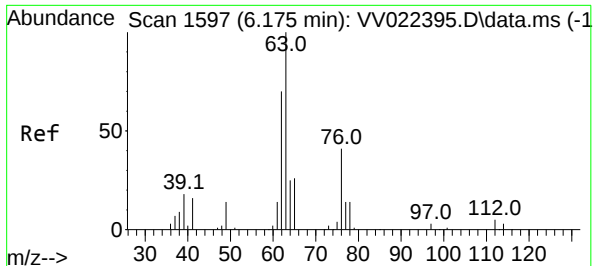
Tgt Ion: 73	Resp: 8058
Ion Ratio	Lower Upper
73 100	
43 22.1	14.6 21.8#
57 8.2	17.6 26.4#



#34
Trichloroethene
Concen: 5.819 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

Tgt Ion: 95	Resp: 11040
Ion Ratio	Lower Upper
95 100	
97 58.2	45.2 84.0
132 89.0	71.0 131.8
130 97.6	73.7 136.9



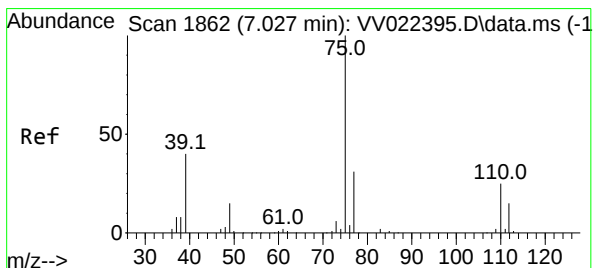
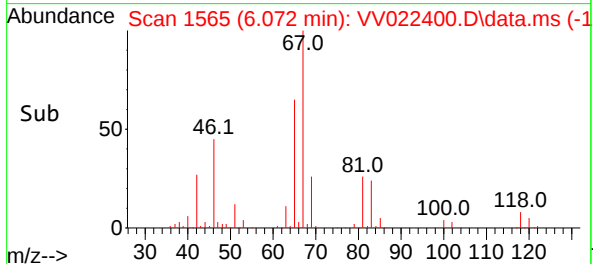
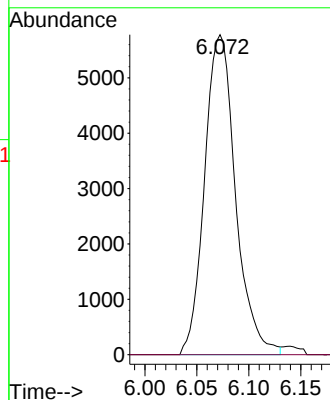
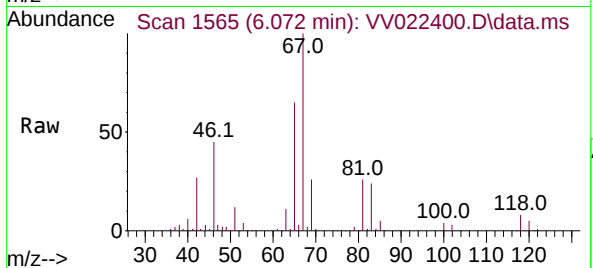


#37

1,2-Dichloropropane
Concen: 6.339 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

Instrument :
MSVOA_V
ClientSampled :
F4A45

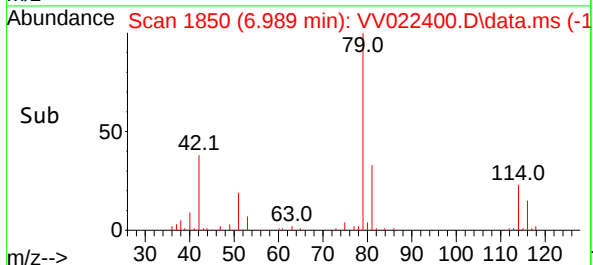
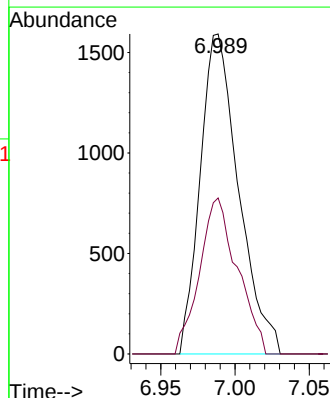
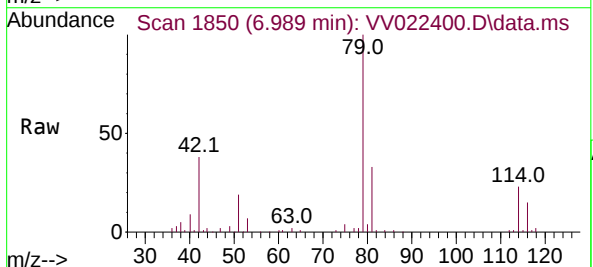
Tgt Ion: 63 Resp: 12003
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

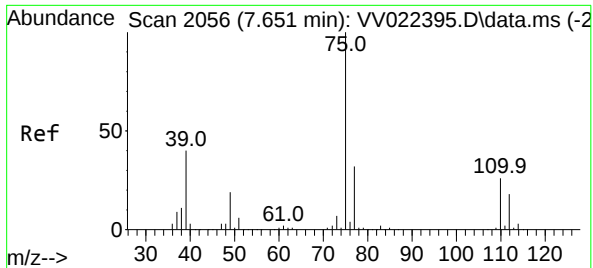


#39

cis-1,3-Dichloropropene
Concen: 1.027 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

Tgt Ion: 75 Resp: 2862
Ion Ratio Lower Upper
75 100
77 48.7 22.7 42.1#

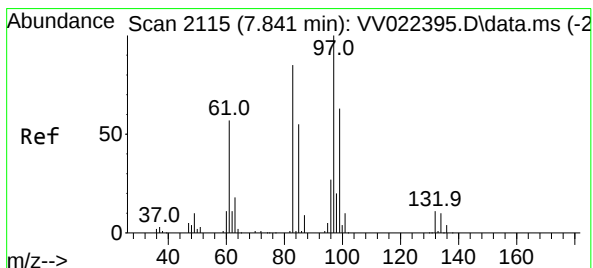
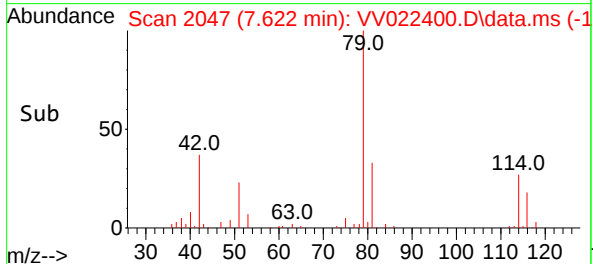
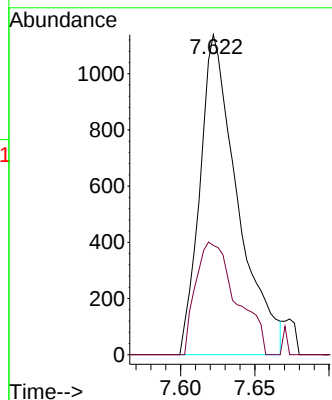
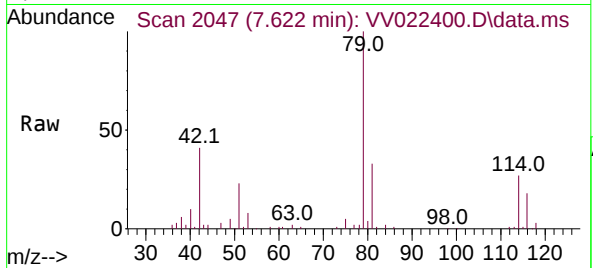




#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

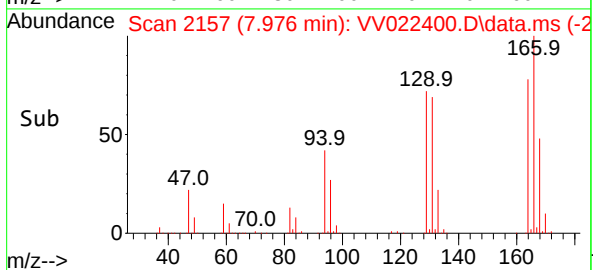
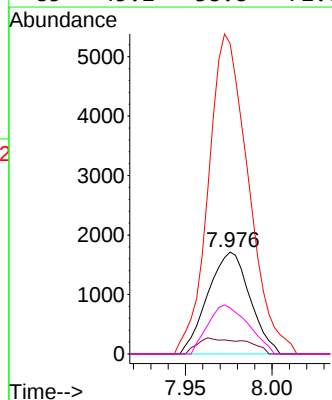
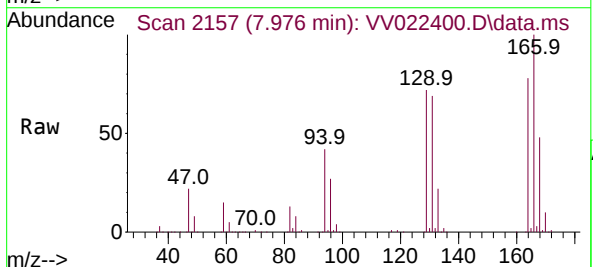
Instrument :
MSVOA_V
ClientSampled :
F4A45

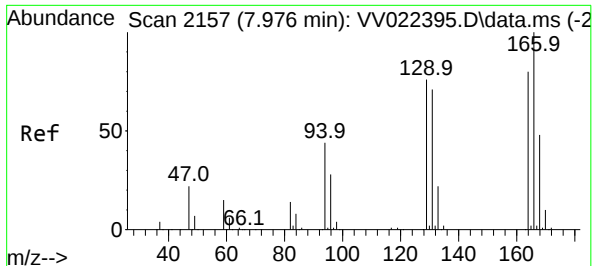
Tgt Ion: 75 Resp: 2007
Ion Ratio Lower Upper
75 100
77 34.2 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 1.505 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.135 min
Lab File: VV022400.D
Acq: 30 Sep 2021 00:32

Tgt Ion: 97 Resp: 2900
Ion Ratio Lower Upper
97 100
99 13.0 44.6 82.8#
83 304.5 59.8 111.1#
85 45.2 38.8 72.0





#46

Tetrachloroethene

Concen: 238.528 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022400.D

Acq: 30 Sep 2021 00:32

Instrument :

MSVOA_V

ClientSampled :

F4A45

Tgt Ion:164 Resp: 372620

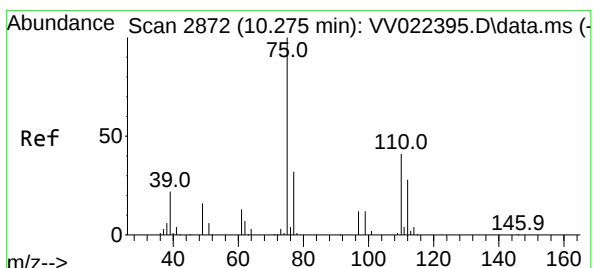
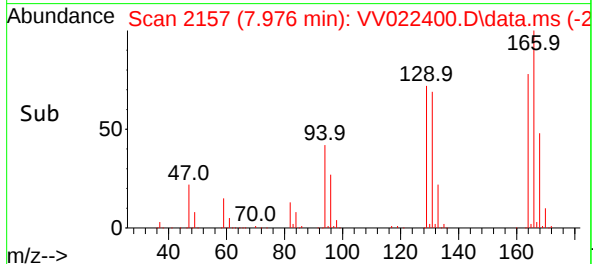
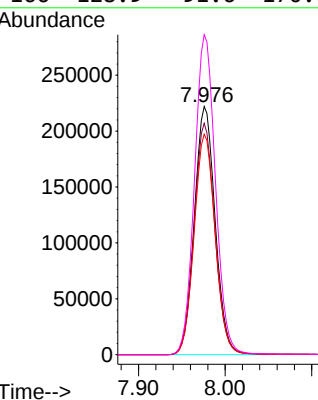
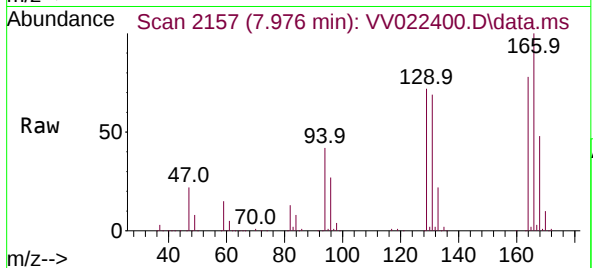
Ion Ratio Lower Upper

164 100

129 93.2 66.4 123.4

131 88.8 63.6 118.0

166 128.9 91.6 170.0



#61

1,2,3-Trichloropropane

Concen: 5.913 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022400.D

Acq: 30 Sep 2021 00:32

Tgt Ion: 75 Resp: 11604

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

110 2.9 32.6 48.8#

