

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022435.D
 Acq On : 30 Sep 2021 16:31
 Operator : SY/MD
 Sample : M3979-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A03

Quant Time: Oct 01 02:42:51 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)

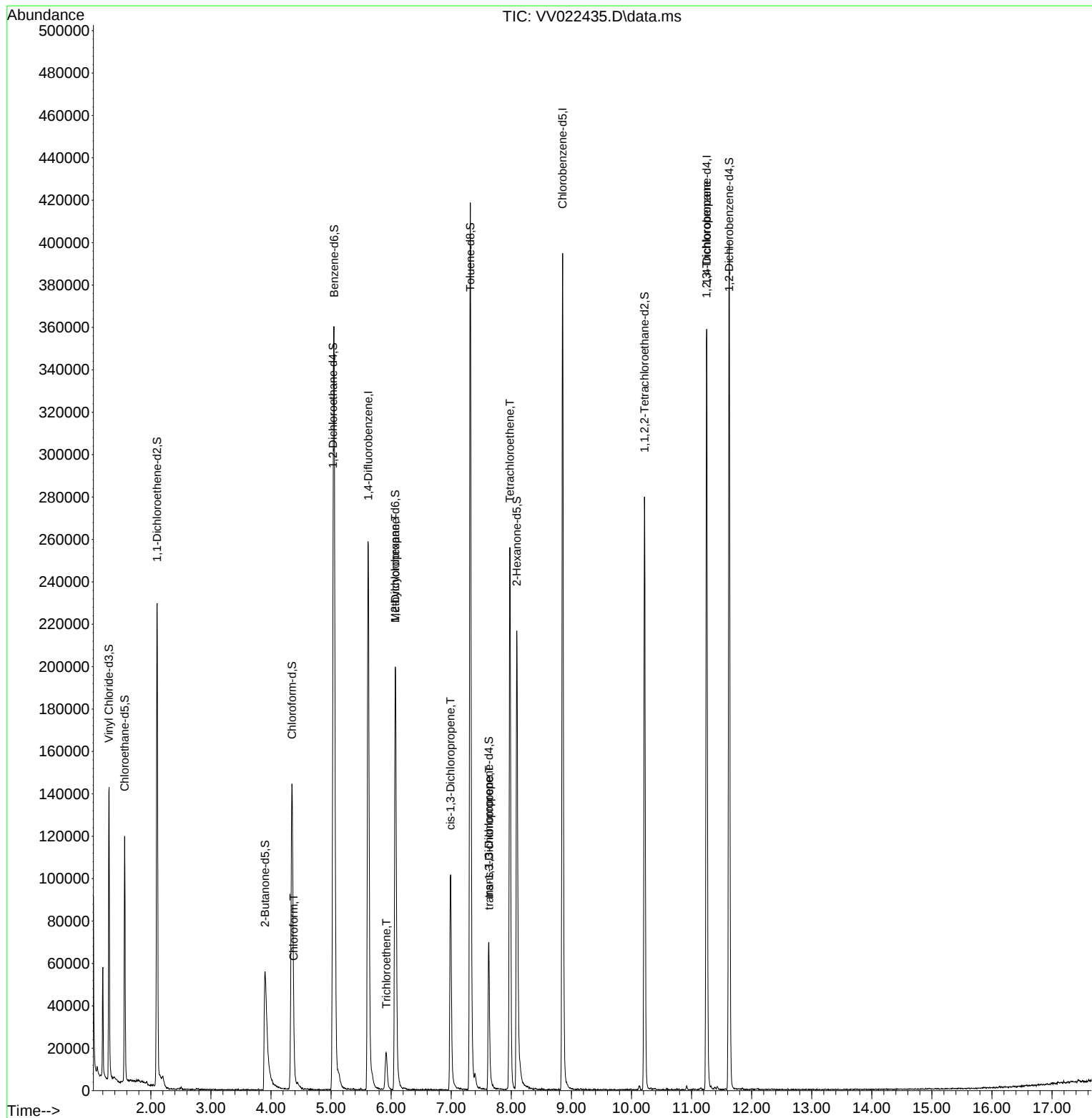
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	232478	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	225594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88381	44.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.600%
7) Chloroethane-d5	1.565	69	69763	44.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.420%
11) 1,1-Dichloroethene-d2	2.102	63	118450	34.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.060%
21) 2-Butanone-d5	3.899	46	118745	85.282	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.280%
24) Chloroform-d	4.349	84	152312	42.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
26) 1,2-Dichloroethane-d4	5.034	65	93386	42.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
32) Benzene-d6	5.050	84	320368	45.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	6.069	67	103092	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.820%
41) Toluene-d8	7.317	98	284488	43.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	41622	40.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
47) 2-Hexanone-d5	8.092	63	78691	85.295	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	133044	40.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.740%
66) 1,2-Dichlorobenzene-d4	11.625	152	107264	48.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
25) Chloroform	4.378	83	3998	1.219	ug/L	93
34) Trichloroethene	5.918	95	4452	2.515	ug/L	94
35) Methylcyclohexane	6.069	83	23944	8.779	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	2691	1.035	ug/L #	70
44) trans-1,3-Dichloropropene	7.629	75	1807	0.728	ug/L	83
46) Tetrachloroethene	7.976	164	59098	40.540	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	11234	6.112	ug/L #	65

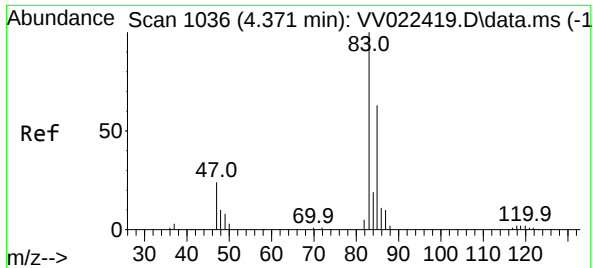
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#25

Chloroform

Concen: 1.219 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VV022435.D

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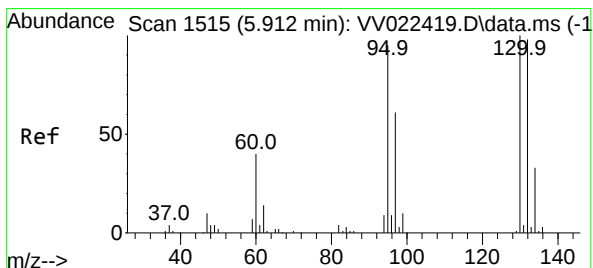
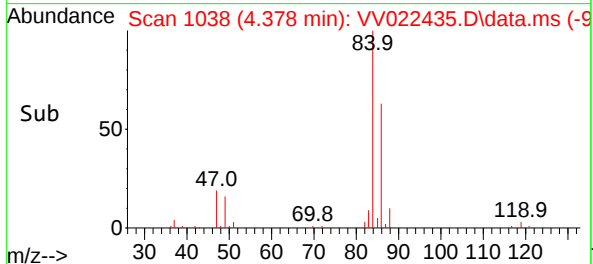
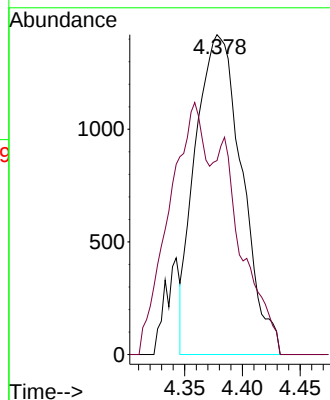
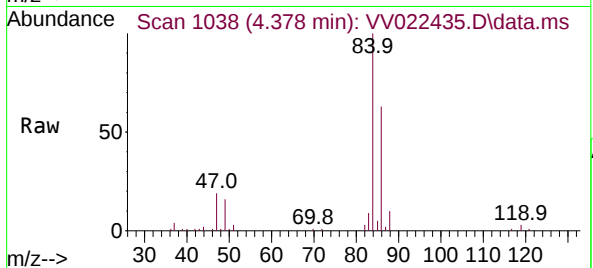
Instrument :
MSVOA_V
ClientSampled :
F4A03

Tgt Ion: 83 Resp: 3998

Ion Ratio Lower Upper

83 100

85 60.6 46.5 86.3



#34

Trichloroethene

Concen: 2.515 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV022435.D

Acq: 30 Sep 2021 16:31

Tgt Ion: 95 Resp: 4452

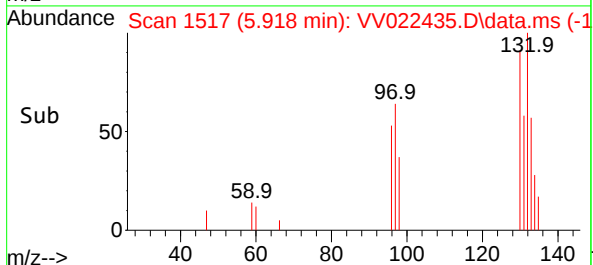
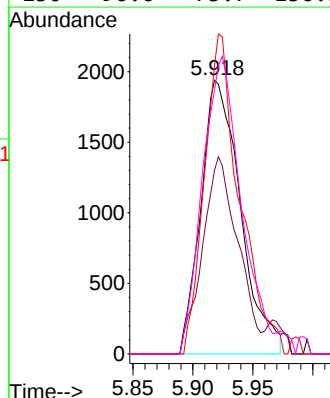
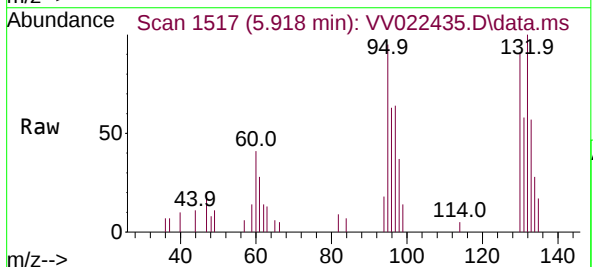
Ion Ratio Lower Upper

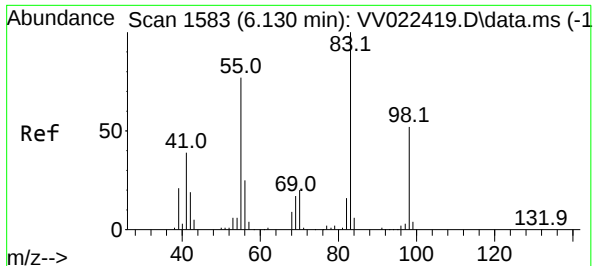
95 100

97 67.2 45.2 84.0

132 105.8 71.0 131.8

130 96.6 73.7 136.9





#35

Methylcyclohexane

Concen: 8.779 ug/L

RT: 6.069 min Scan# 1564

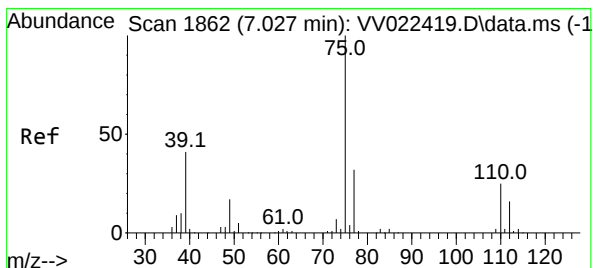
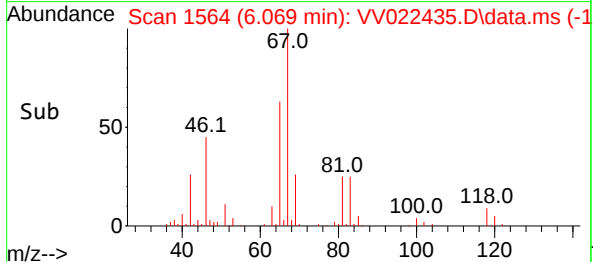
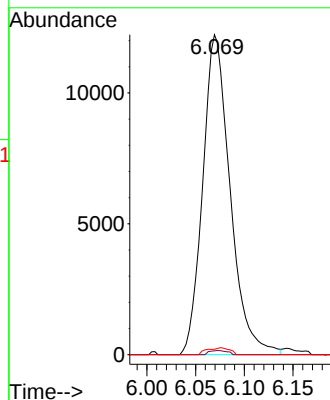
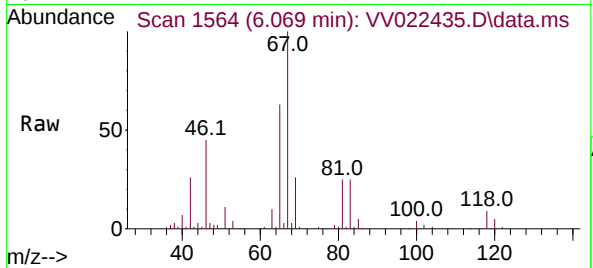
Delta R.T. -0.061 min

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Tgt Ion:	83	Resp:	23944
Ion	Ratio	Lower	Upper
83	100		
55	0.8	58.6	87.8#
98	1.0	39.2	58.8#

Instrument :
MSVOA_V
ClientSampleId :
F4A03



#39

cis-1,3-Dichloropropene

Concen: 1.035 ug/L

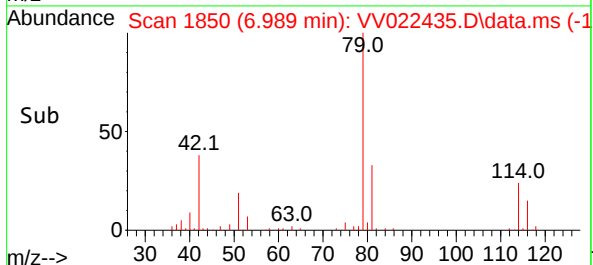
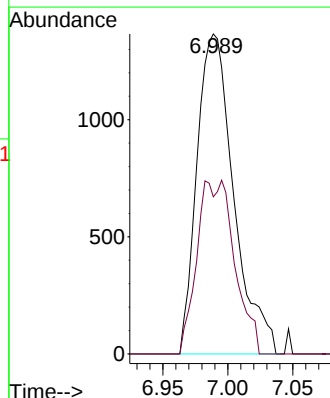
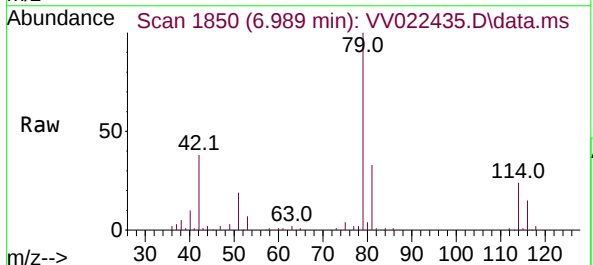
RT: 6.989 min Scan# 1850

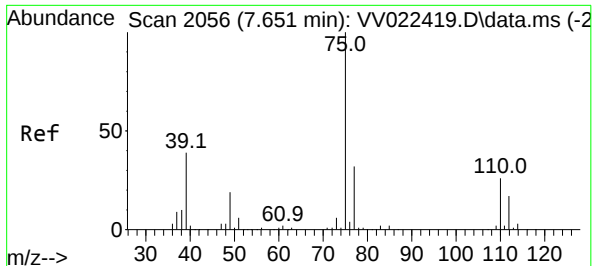
Delta R.T. -0.038 min

Lab File: VV022435.D

Acq: 30 Sep 2021 16:31

Tgt Ion:	75	Resp:	2691
Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.7	42.1#

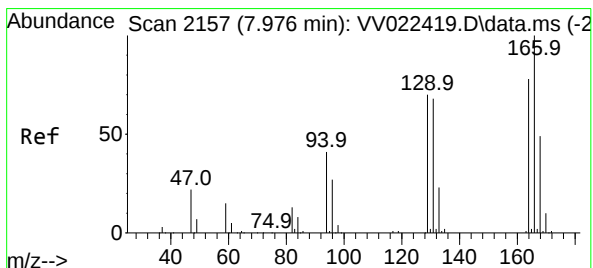
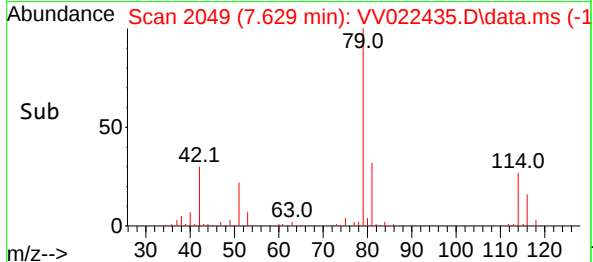
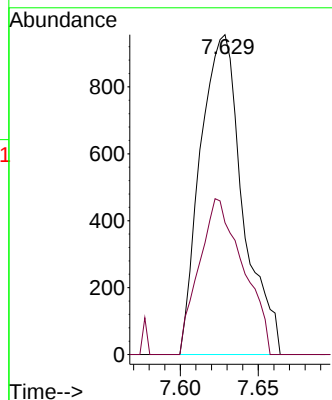
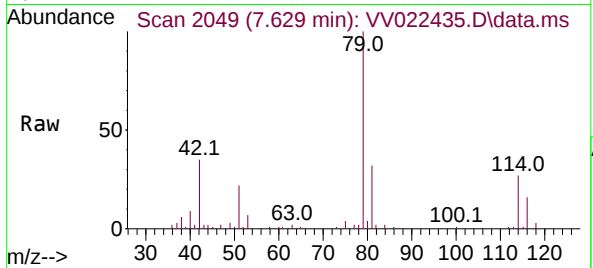




#44
trans-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV022435.D
Acq: 30 Sep 2021 16:31

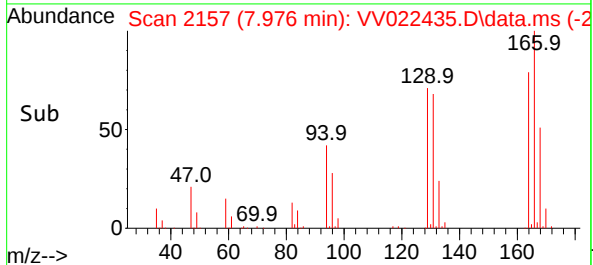
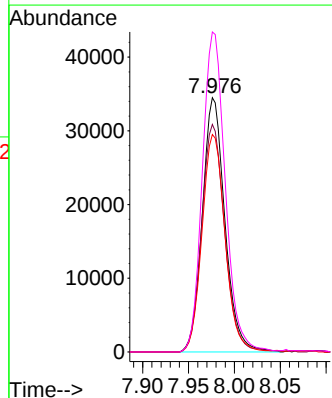
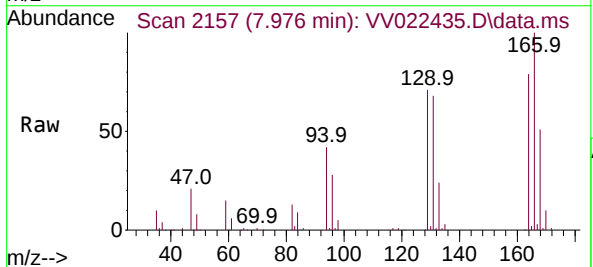
Instrument :
MSVOA_V
ClientSampled :
F4A03

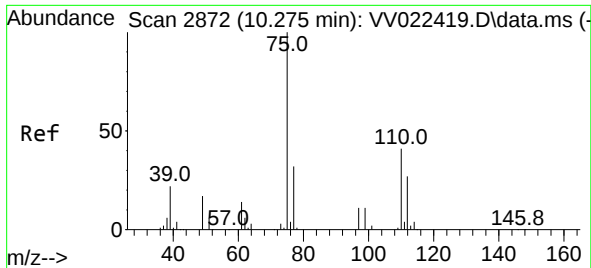
Tgt Ion: 75 Resp: 1807
Ion Ratio Lower Upper
75 100
77 41.2 22.3 41.3



#46
Tetrachloroethene
Concen: 40.540 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022435.D
Acq: 30 Sep 2021 16:31

Tgt Ion:164 Resp: 59098
Ion Ratio Lower Upper
164 100
129 89.5 66.4 123.4
131 85.5 63.6 118.0
166 125.8 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.112 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022435.D
 Acq: 30 Sep 2021 16:31

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A03

Tgt Ion: 75 Resp: 11234
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 110 2.6 32.6 48.8#

