

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022452.D
 Acq On : 30 Sep 2021 23:42
 Operator : SY/MD
 Sample : M3979-17DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A23DL

Quant Time: Oct 01 04:46:43 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)

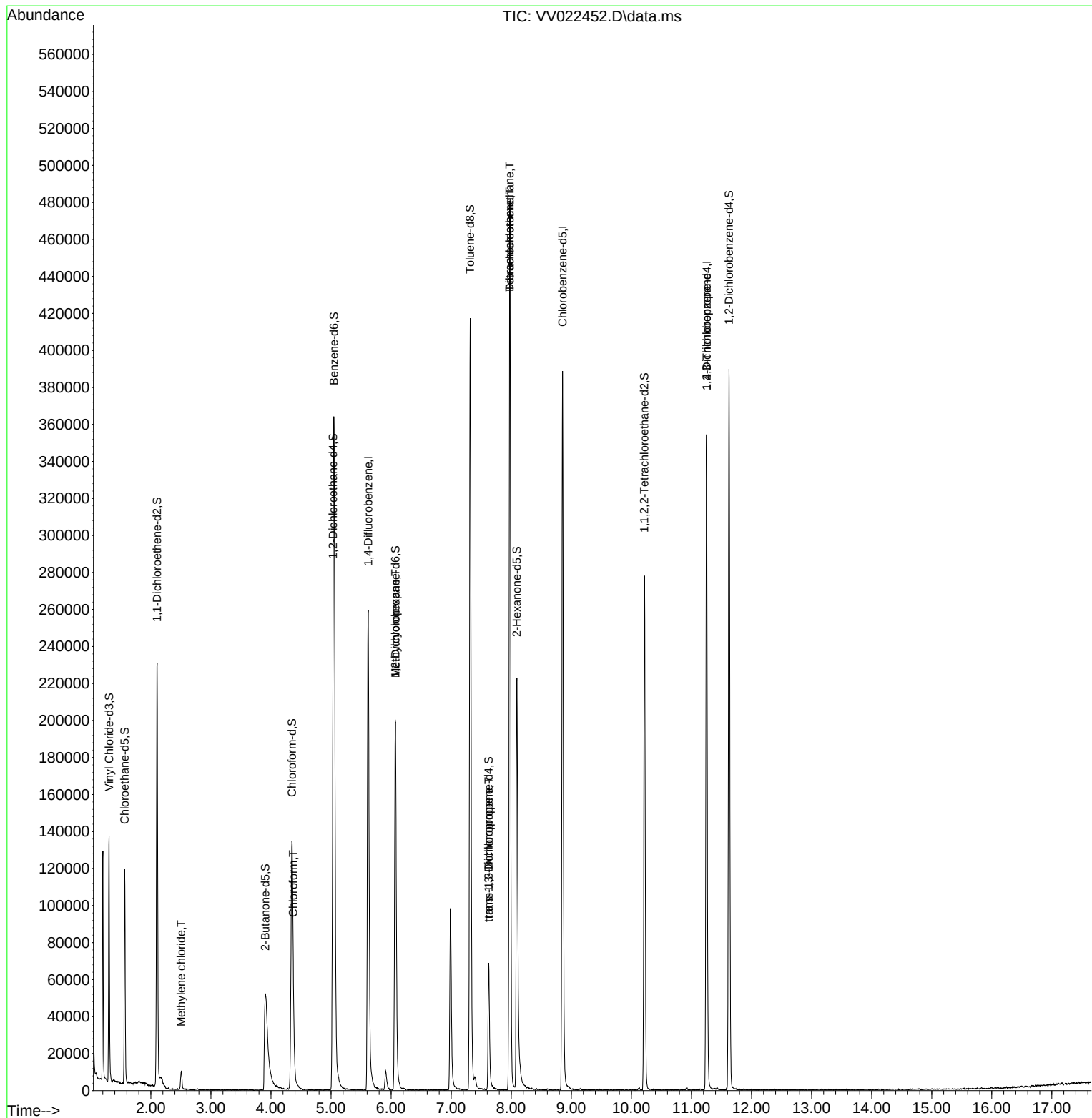
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	235284	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	226364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86167	43.154	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.300%		
7) Chloroethane-d5	1.564	69	69821	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.420%		
11) 1,1-Dichloroethene-d2	2.101	63	117579	33.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.740%		
21) 2-Butanone-d5	3.905	46	128196	90.972	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.970%		
24) Chloroform-d	4.349	84	140434	38.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.900%		
26) 1,2-Dichloroethane-d4	5.034	65	96175	43.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.000%		
32) Benzene-d6	5.050	84	319035	44.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.600%		
36) 1,2-Dichloropropane-d6	6.072	67	101721	44.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.300%		
41) Toluene-d8	7.316	98	280904	43.097	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	7.625	79	40827	39.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.500%		
47) 2-Hexanone-d5	8.091	63	81690	88.245	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.240%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	134427	40.648	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.300%		
66) 1,2-Dichlorobenzene-d4	11.625	152	105653	49.042	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.080%		
Target Compounds						Qvalue
16) Methylene chloride	2.506	84	3930	1.822	ug/L	96
25) Chloroform	4.371	83	13941	4.201	ug/L	99
35) Methylcyclohexane	6.072	83	24584	8.983	ug/L #	20
44) trans-1,3-Dichloropropene	7.622	75	1859	0.746	ug/L	93
46) Tetrachloroethene	7.976	164	111735	76.387	ug/L	96
49) Dibromochloromethane	7.976	129	96882	50.743	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	10854	6.005	ug/L #	64

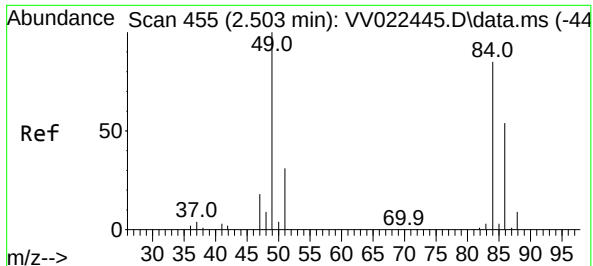
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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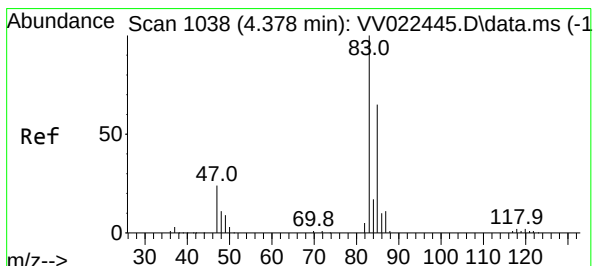
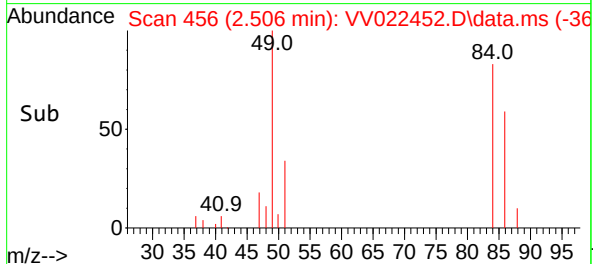
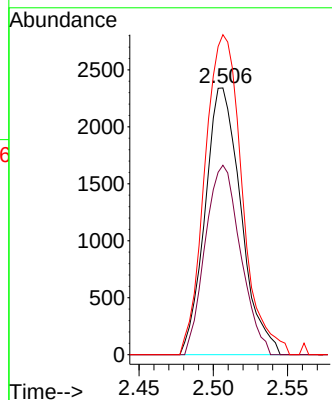
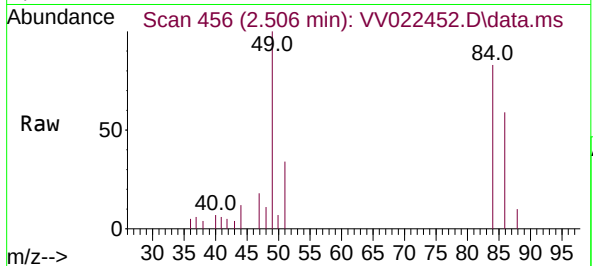




#16
Methylene chloride
Concen: 1.822 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022452.D
Acq: 30 Sep 2021 23:42

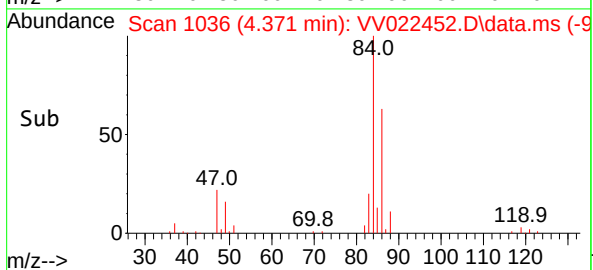
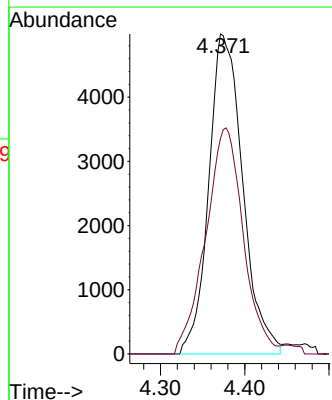
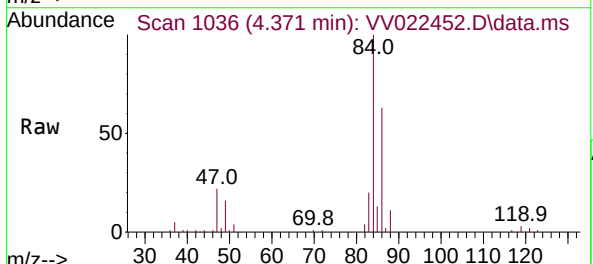
Instrument :
MSVOA_V
ClientSampleId :
F4A23DL

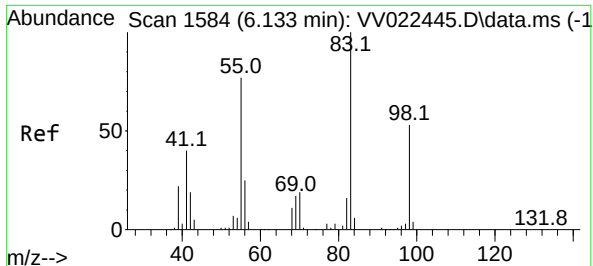
Tgt Ion: 84 Resp: 3930
Ion Ratio Lower Upper
84 100
86 71.0 44.6 82.8
49 119.9 85.3 158.3



#25
Chloroform
Concen: 4.201 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VV022452.D
Acq: 30 Sep 2021 23:42

Tgt Ion: 83 Resp: 13941
Ion Ratio Lower Upper
83 100
85 67.4 46.5 86.3





#35

Methylcyclohexane

Concen: 8.983 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV022452.D

Acq: 30 Sep 2021 23:42

Tgt Ion: 83 Resp: 24584

Ion Ratio Lower Upper

83 100

55 0.0 58.6 87.8#

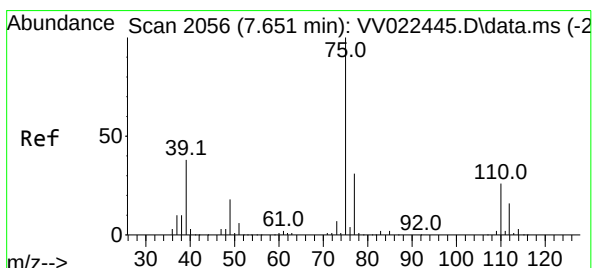
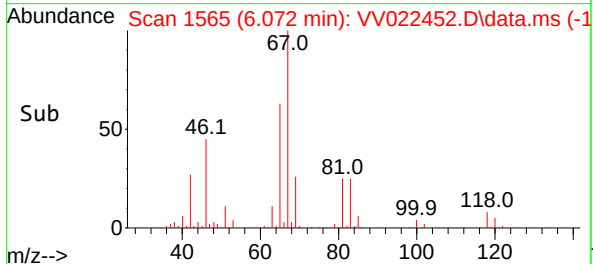
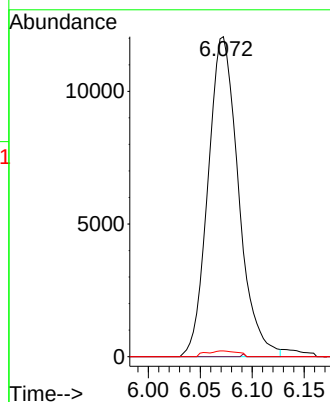
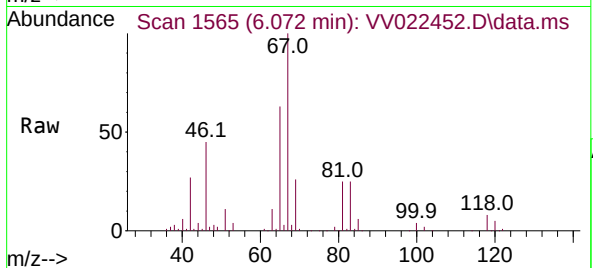
98 1.4 39.2 58.8#

Instrument :

MSVOA_V

ClientSampleId :

F4A23DL



#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV022452.D

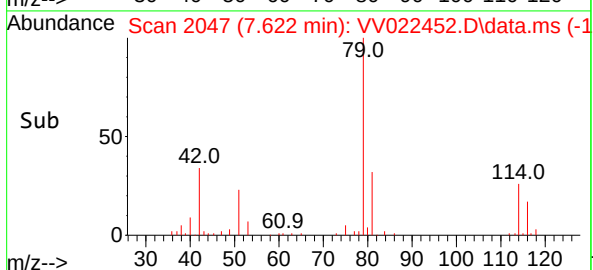
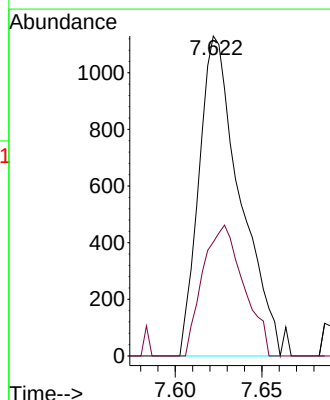
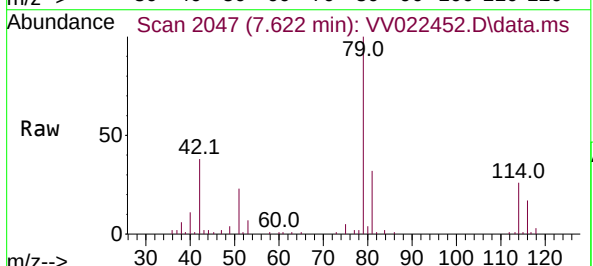
Acq: 30 Sep 2021 23:42

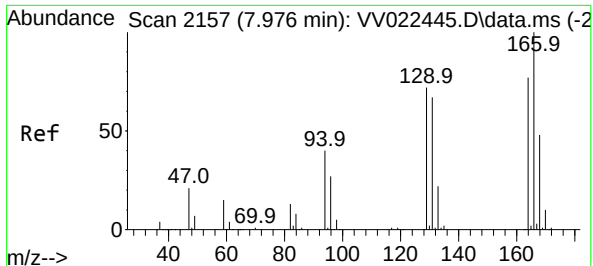
Tgt Ion: 75 Resp: 1859

Ion Ratio Lower Upper

75 100

77 35.6 22.3 41.3

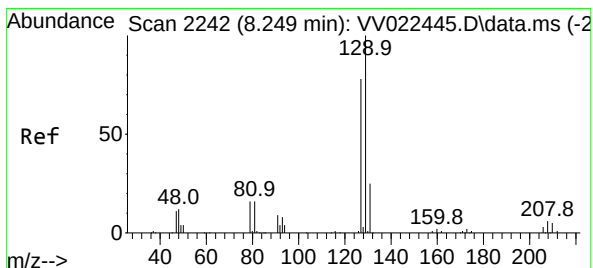
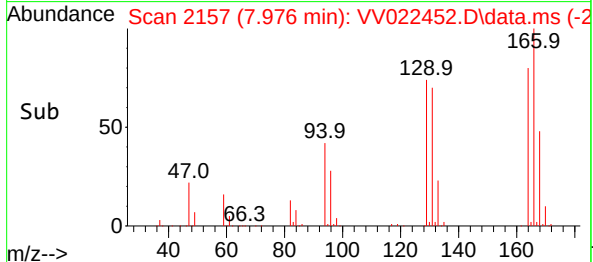
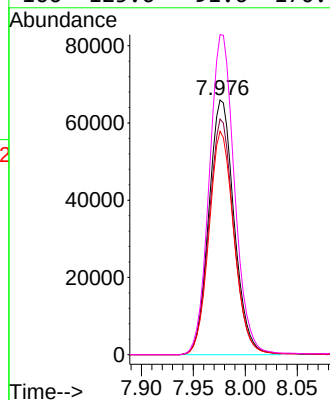
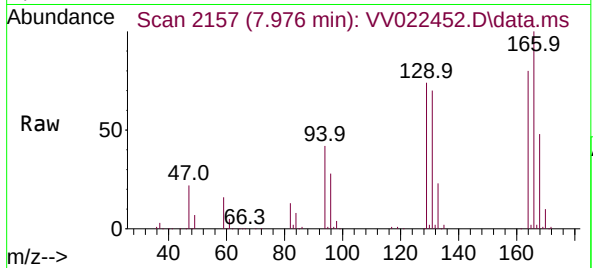




#46
Tetrachloroethene
Concen: 76.387 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022452.D
Acq: 30 Sep 2021 23:42

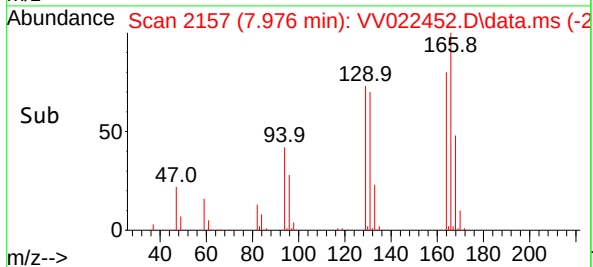
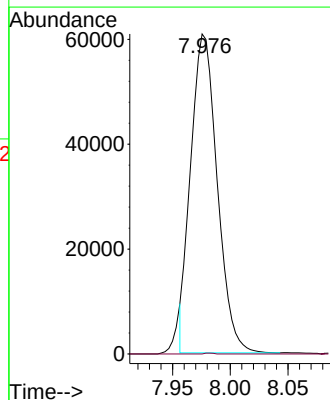
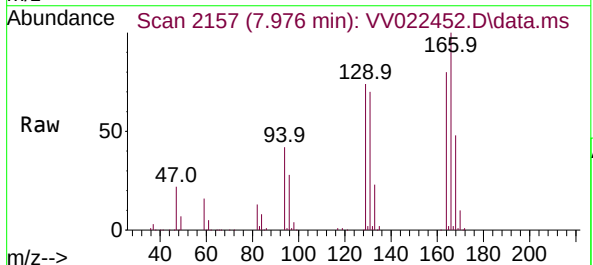
Instrument :
MSVOA_V
ClientSampleId :
F4A23DL

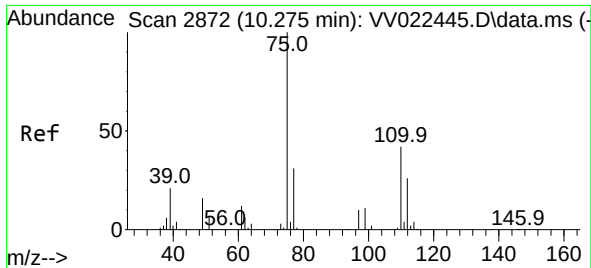
Tgt Ion:164 Resp: 111735
Ion Ratio Lower Upper
164 100
129 92.5 66.4 123.4
131 87.7 63.6 118.0
166 125.6 91.6 170.0



#49
Dibromochloromethane
Concen: 50.743 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV022452.D
Acq: 30 Sep 2021 23:42

Tgt Ion:129 Resp: 96882
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 6.005 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022452.D
 Acq: 30 Sep 2021 23:42

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A23DL

Tgt Ion: 75 Resp: 10854
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 110 1.1 32.6 48.8#

