

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022434.D
 Acq On : 30 Sep 2021 16:06
 Operator : SY/MD
 Sample : M3979-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A01

Quant Time: Oct 01 02:42:39 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)

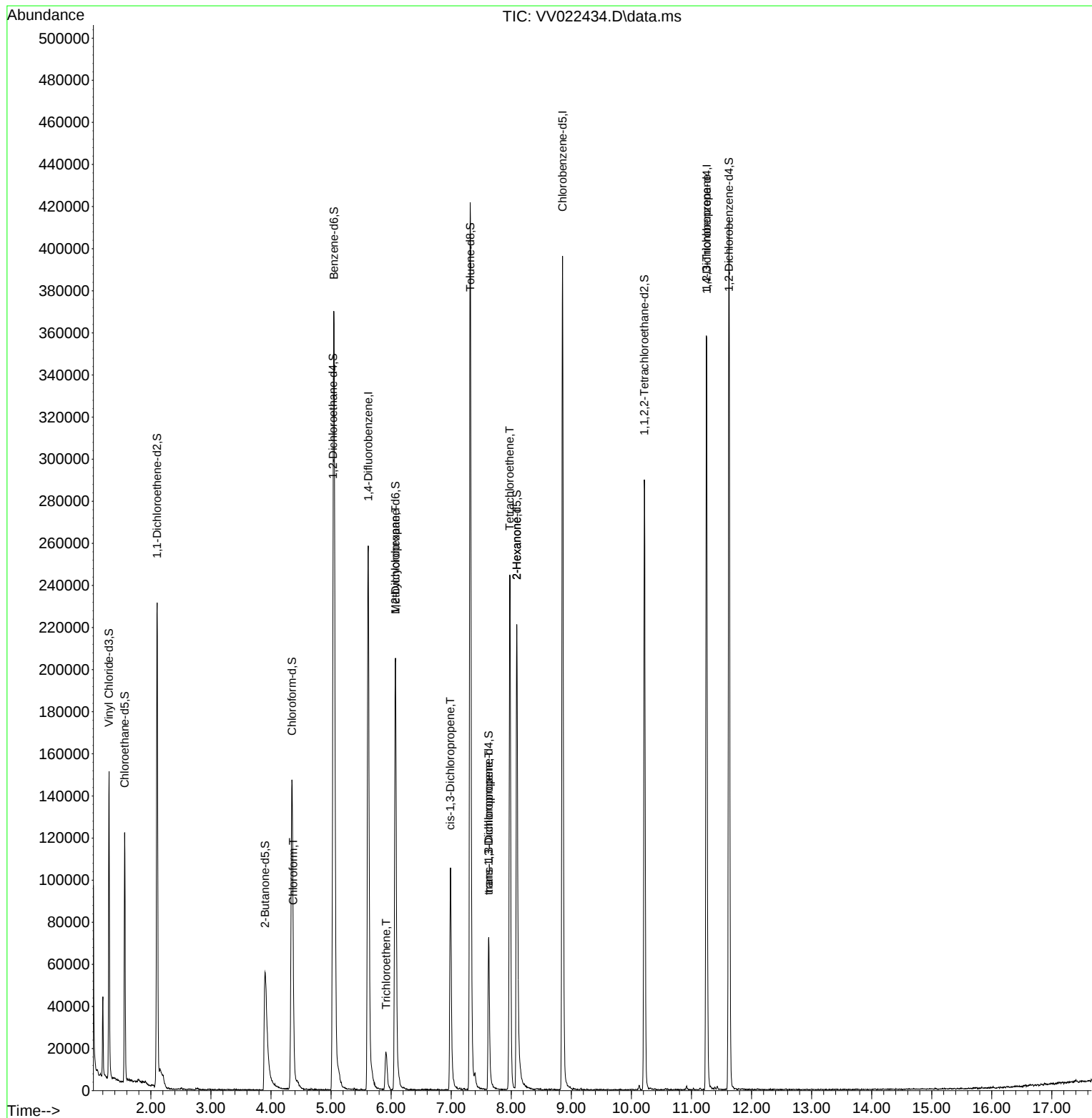
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	239876	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	228580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90626	44.518	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.040%		
7) Chloroethane-d5	1.564	69	70569	43.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.660%		
11) 1,1-Dichloroethene-d2	2.105	63	118450	33.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.940%		
21) 2-Butanone-d5	3.902	46	124054	86.348	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.350%		
24) Chloroform-d	4.349	84	155164	42.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.420%		
26) 1,2-Dichloroethane-d4	5.034	65	95783	42.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.980%		
32) Benzene-d6	5.050	84	321236	44.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.340%		
36) 1,2-Dichloropropane-d6	6.072	67	104976	45.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.260%		
41) Toluene-d8	7.317	98	290754	44.175	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.360%		
43) trans-1,3-Dichloroprop...	7.625	79	44684	42.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.080%		
47) 2-Hexanone-d5	8.091	63	81354	87.030	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.030%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	138339	41.426	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.860%		
66) 1,2-Dichlorobenzene-d4	11.625	152	109917	50.275	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.540%		
Target Compounds					Qvalue	
25) Chloroform	4.371	83	1729	0.511	ug/L #	45
34) Trichloroethene	5.918	95	4868	2.714	ug/L	96
35) Methylcyclohexane	6.072	83	25272	9.145	ug/L #	20
39) cis-1,3-Dichloropropene	6.985	75	2593	0.984	ug/L #	64
44) trans-1,3-Dichloropropene	7.622	75	1825	0.725	ug/L	96
46) Tetrachloroethene	7.976	164	57424	38.877	ug/L	98
48) 2-Hexanone	8.091	43	8714	4.555	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	11447	6.240	ug/L #	66

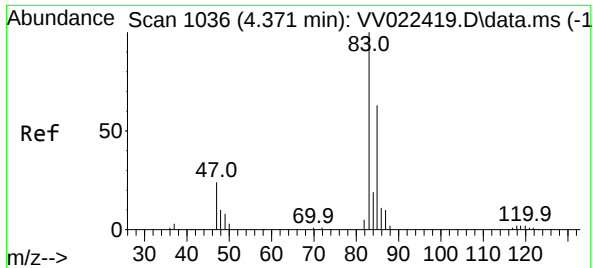
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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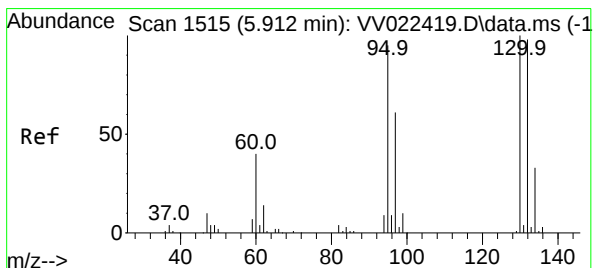
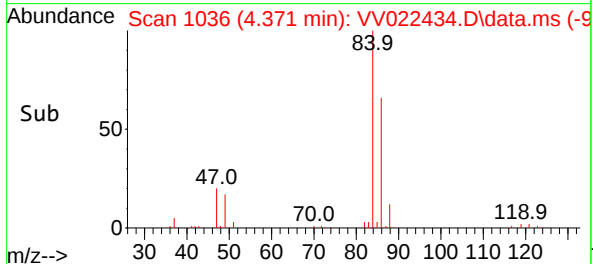
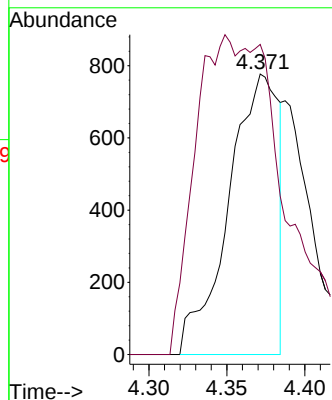
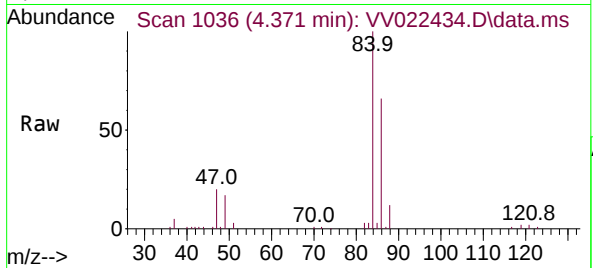




#25
Chloroform
Concen: 0.511 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

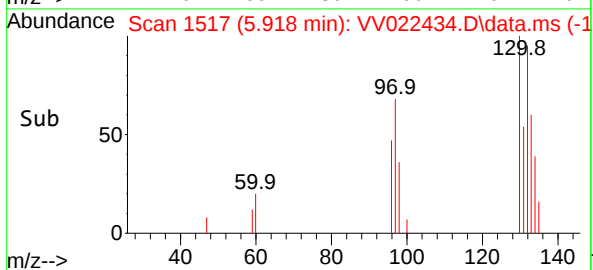
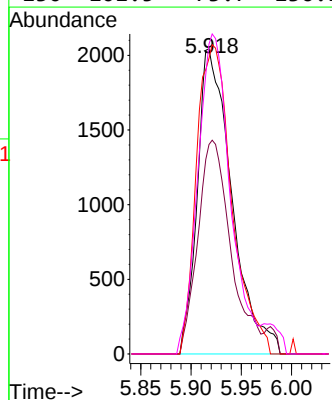
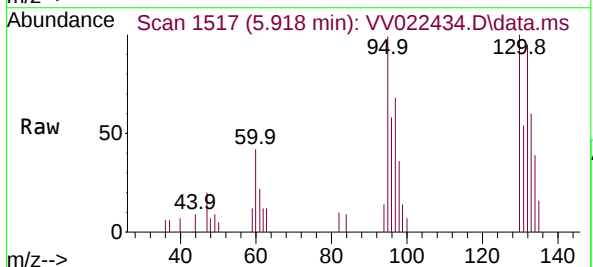
Instrument :
MSVOA_V
ClientSampled :
F4A01

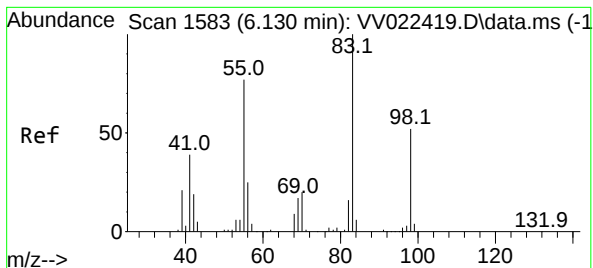
Tgt Ion: 83 Resp: 1729
Ion Ratio Lower Upper
83 100
85 110.6 46.5 86.3#



#34
Trichloroethene
Concen: 2.714 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Tgt Ion: 95 Resp: 4868
Ion Ratio Lower Upper
95 100
97 68.6 45.2 84.0
132 96.8 71.0 131.8
130 101.5 73.7 136.9

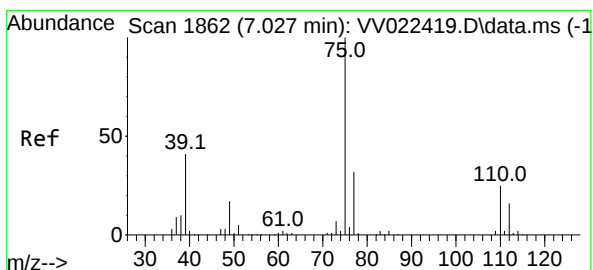
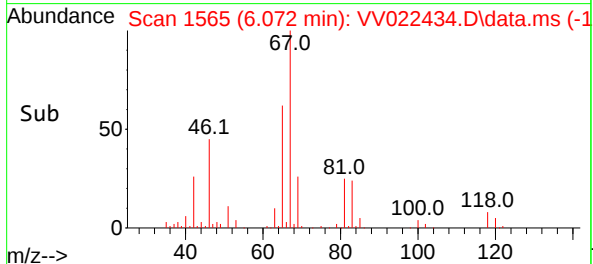
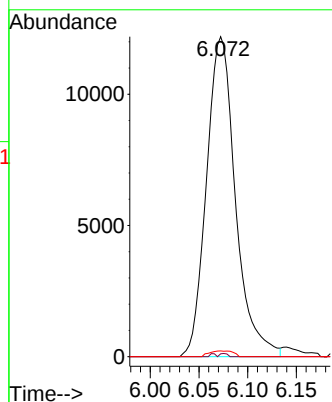
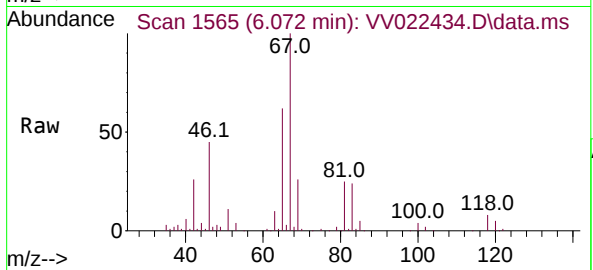




#35
Methylcyclohexane
Concen: 9.145 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

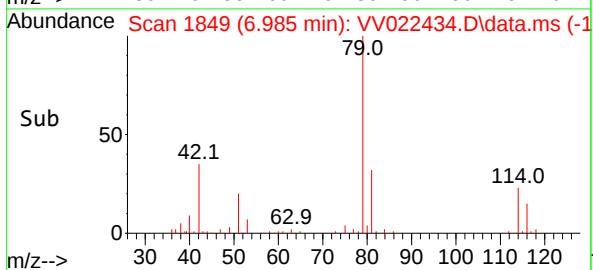
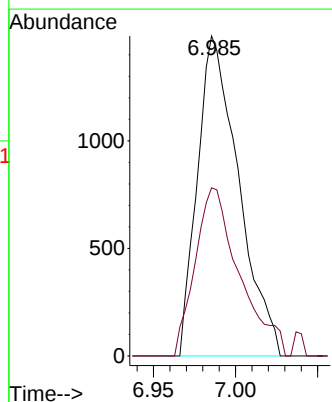
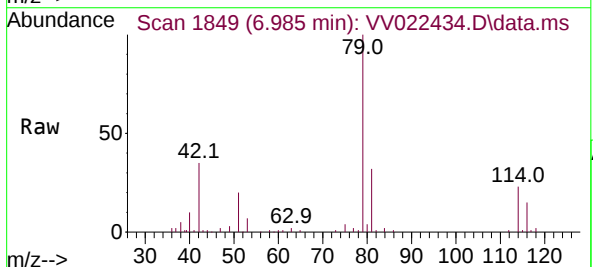
Instrument :
MSVOA_V
ClientSampled :
F4A01

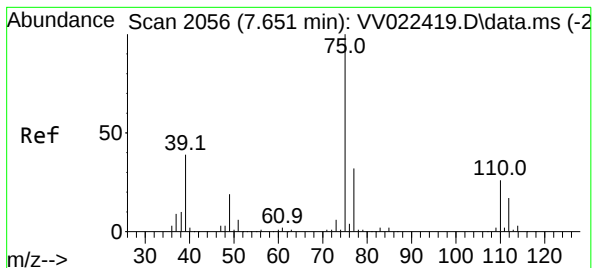
Tgt Ion: 83 Resp: 25272
Ion Ratio Lower Upper
83 100
55 0.3 58.6 87.8#
98 1.0 39.2 58.8#



#39
cis-1,3-Dichloropropene
Concen: 0.984 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Tgt Ion: 75 Resp: 2593
Ion Ratio Lower Upper
75 100
77 52.6 22.7 42.1#



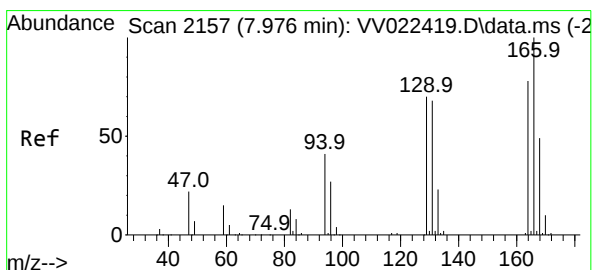
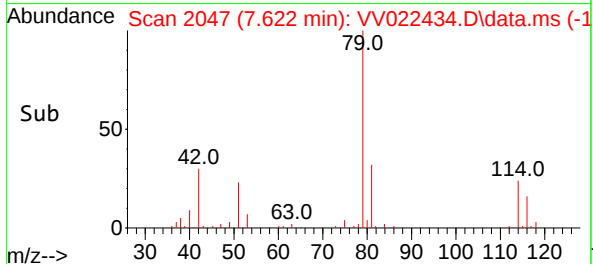
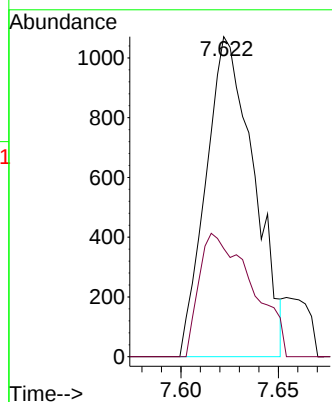
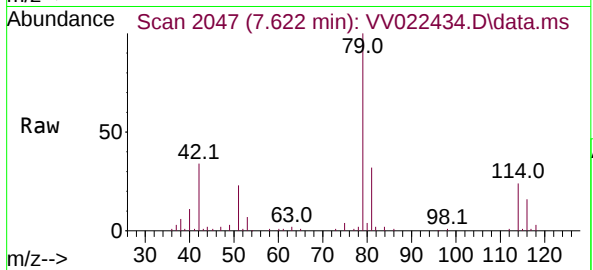


#44

trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :
F4A01

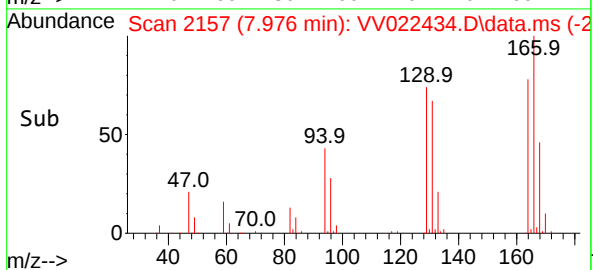
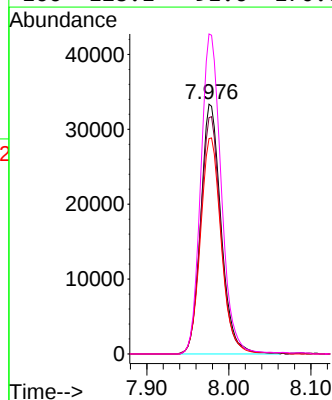
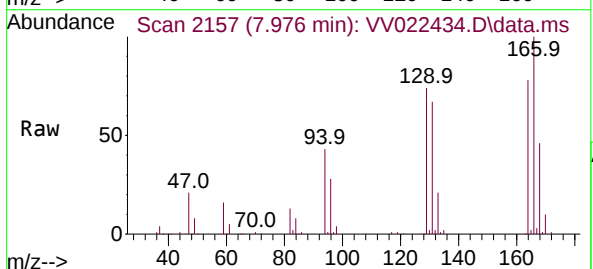
Tgt Ion: 75 Resp: 1825
Ion Ratio Lower Upper
75 100
77 33.8 22.3 41.3

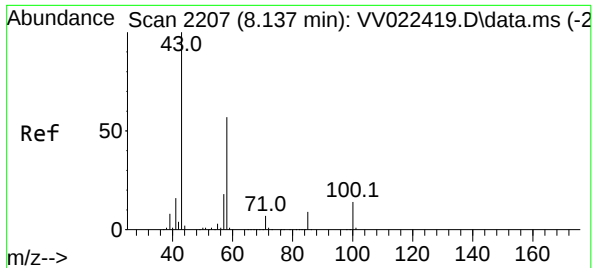


#46

Tetrachloroethene
Concen: 38.877 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Tgt Ion: 164 Resp: 57424
Ion Ratio Lower Upper
164 100
129 94.6 66.4 123.4
131 86.2 63.6 118.0
166 128.1 91.6 170.0

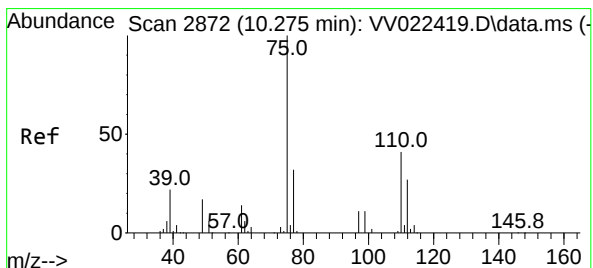
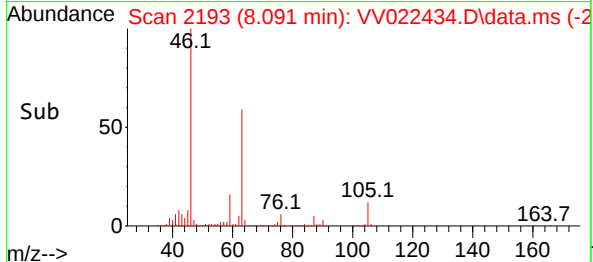
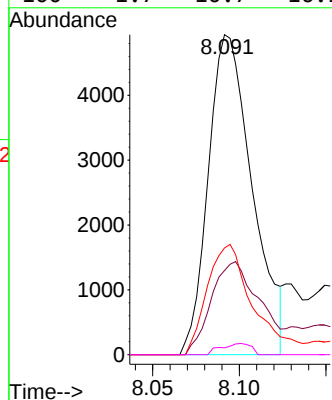
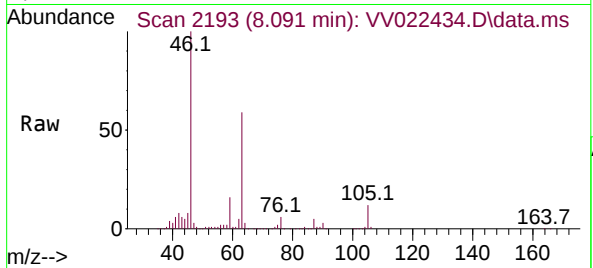




#48
2-Hexanone
Concen: 4.555 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Instrument :
MSVOA_V
ClientSampled :
F4A01

Tgt Ion: 43	Resp: 8714
Ion Ratio	Lower Upper
43 100	
58 31.7	45.4 68.2#
57 35.9	15.0 22.4#
100 1.7	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.240 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022434.D
Acq: 30 Sep 2021 16:06

Tgt Ion: 75	Resp: 11447
Ion Ratio	Lower Upper
75 100	
77 30.9	25.4 38.0
110 3.2	32.6 48.8#

