

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022064.D
 Acq On : 01 Sep 2021 13:59
 Operator : SY/MD
 Sample : M3579-10ME
 Misc : 6.31g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 05:57:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

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

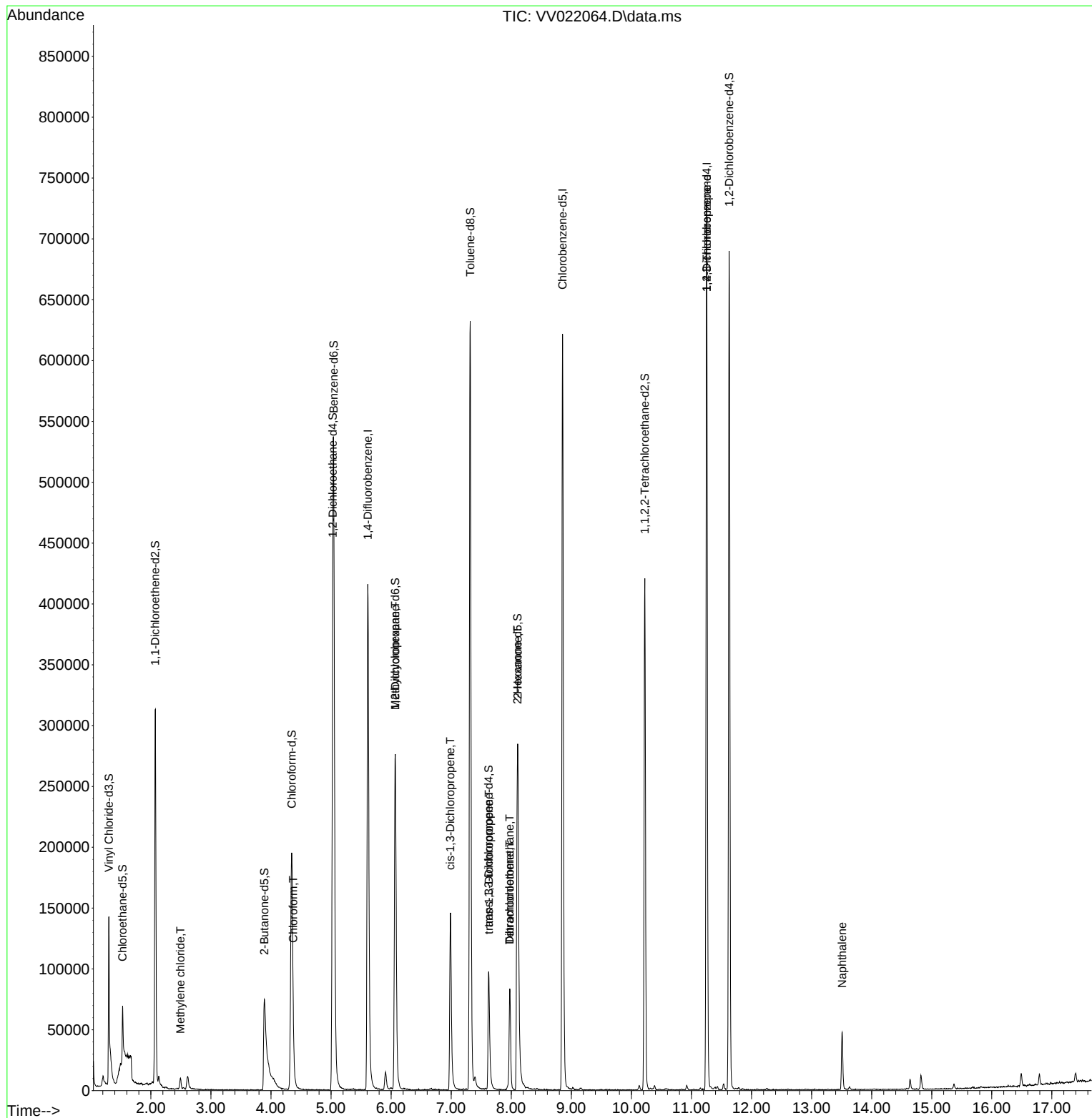
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	395969	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	381850	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	196417	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	131981	48.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.26%		
7) Chloroethane-d5	1.529	69	34105	15.93	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.86%#		
11) 1,1-Dichloroethene-d2	2.073	63	162388	35.81	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.62%		
21) 2-Butanone-d5	3.889	46	171786	91.35	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.35%		
24) Chloroform-d	4.346	84	220312	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.12%		
26) 1,2-Dichloroethane-d4	5.027	65	140303	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.28%		
32) Benzene-d6	5.044	84	480093	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.70%		
36) 1,2-Dichloropropane-d6	6.069	67	147364	45.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.48%		
41) Toluene-d8	7.317	98	439303	44.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.86%		
43) trans-1,3-Dichloroprop...	7.625	79	65050	41.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.92%		
47) 2-Hexanone-d5	8.104	63	132318	105.87	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.87%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	206208	49.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.86%		
66) 1,2-Dichlorobenzene-d4	11.628	152	187740	48.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.24%		
Target Compounds						Qvalue
16) Methylene chloride	2.494	84	4193	1.37	ug/L	91
25) Chloroform	4.368	83	3532	0.68	ug/L	77
35) Methylcyclohexane	6.069	83	35425	7.70	ug/L #	21
39) cis-1,3-Dichloropropene	6.986	75	4083	0.92	ug/L #	77
44) trans-1,3-Dichloropropene	7.629	75	2812	0.68	ug/L	91
46) Tetrachloroethene	7.976	164	19973	8.16	ug/L	98
48) 2-Hexanone	8.108	43	14240	4.70	ug/L #	66
49) Dibromochloromethane	7.976	129	17582	5.61	ug/L #	11
61) 1,2,3-Trichloropropane	11.252	75	21960	6.45	ug/L #	65
71) Naphthalene	13.509	128	39187	3.30	ug/L	99

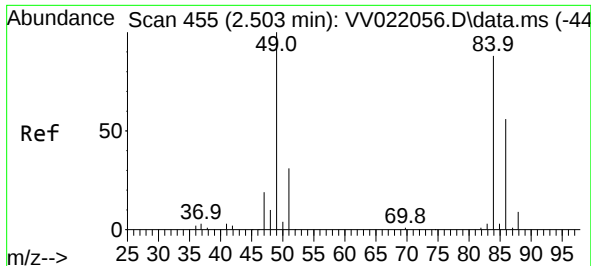
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 02 05:24:11 2021
Response via : Initial Calibration

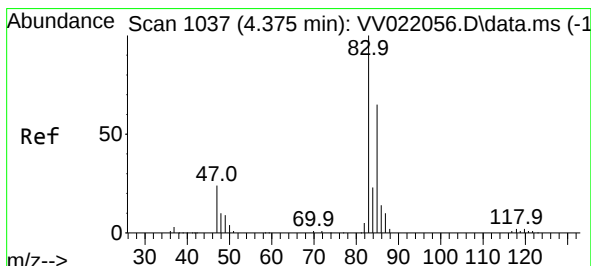
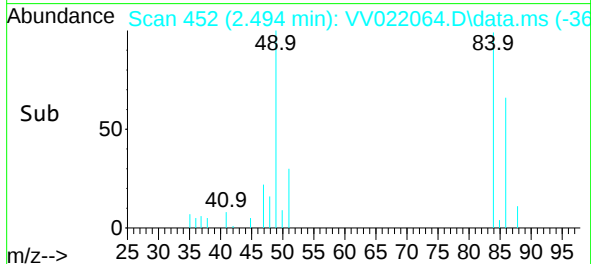
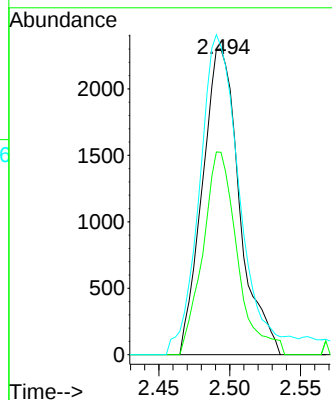
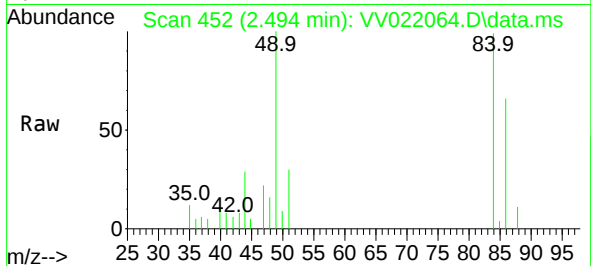




#16
Methylene chloride
Concen: 1.37 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

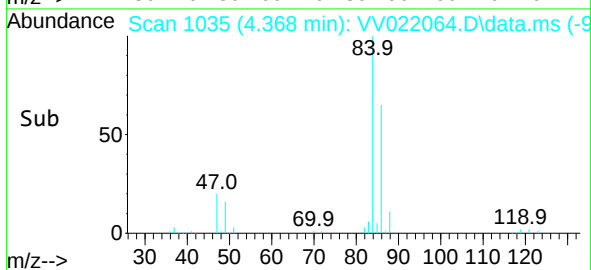
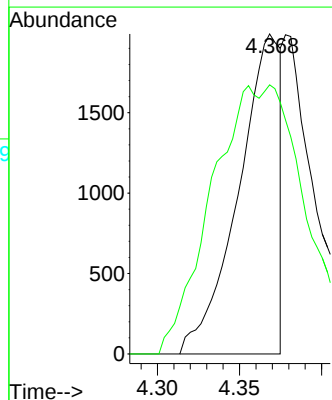
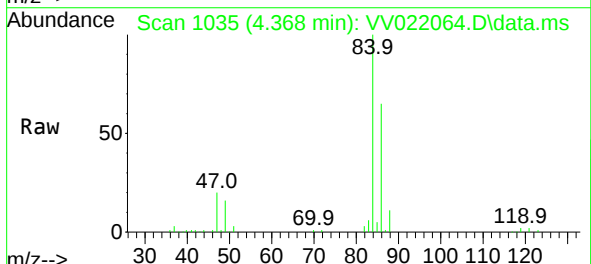
Instrument :
MSVOA_V
ClientSampled :

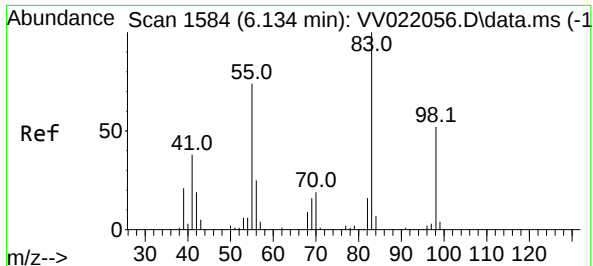
Tgt Ion: 84 Resp: 4193
Ion Ratio Lower Upper
84 100
86 66.2 44.8 83.2
49 100.8 80.2 149.0



#25
Chloroform
Concen: 0.68 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Tgt Ion: 83 Resp: 3532
Ion Ratio Lower Upper
83 100
85 84.1 46.3 85.9





#35

Methylcyclohexane

Concen: 7.70 ug/L

RT: 6.069 min Scan# 1564

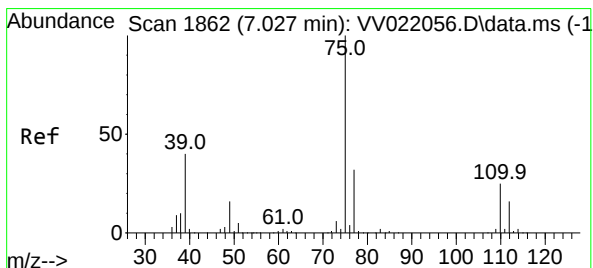
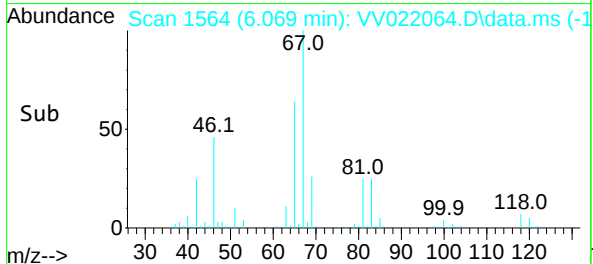
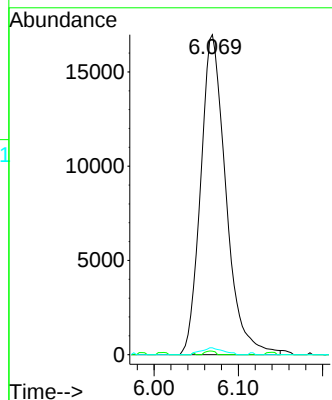
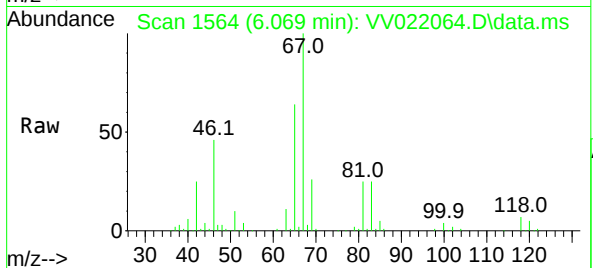
Delta R.T. -0.064 min

Lab File: VV022064.D

Acq: 01 Sep 2021 13:59

Tgt Ion:	83	Resp:	35425
Ion	Ratio	Lower	Upper
83	100		
55	0.4	56.8	85.2#
98	1.8	39.9	59.9#

Instrument :
MSVOA_V
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.92 ug/L

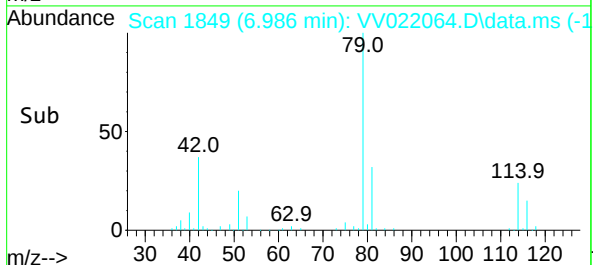
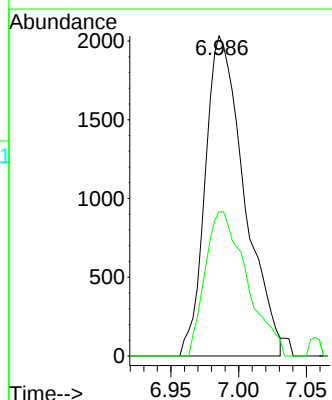
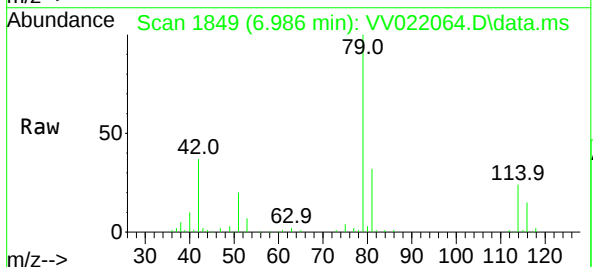
RT: 6.986 min Scan# 1849

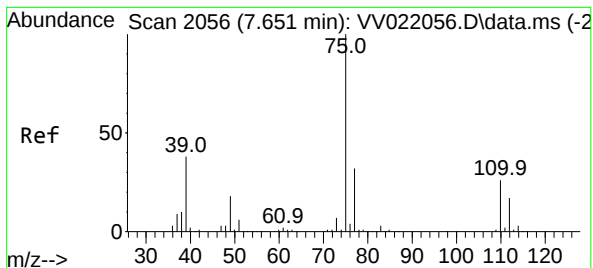
Delta R.T. -0.042 min

Lab File: VV022064.D

Acq: 01 Sep 2021 13:59

Tgt Ion:	75	Resp:	4083
Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.7	42.1#



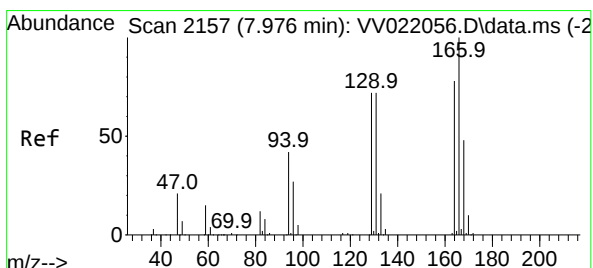
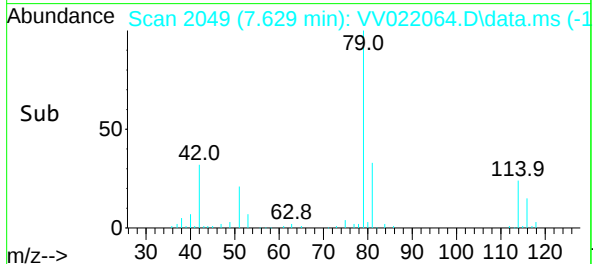
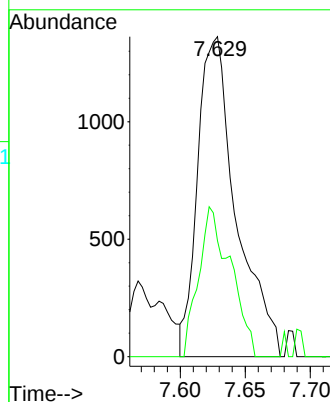
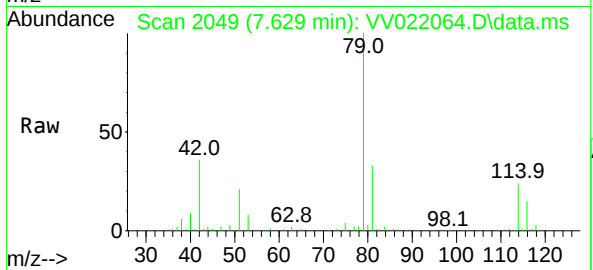


#44

trans-1,3-Dichloropropene
Concen: 0.68 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Instrument :
MSVOA_V
ClientSampled :

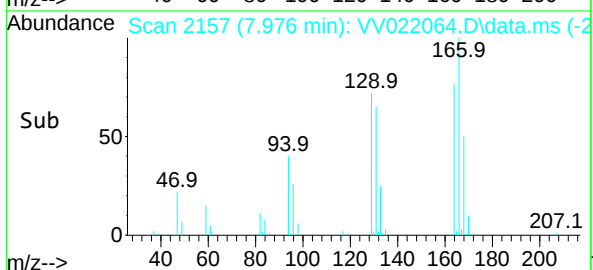
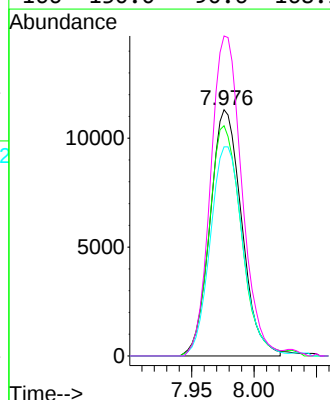
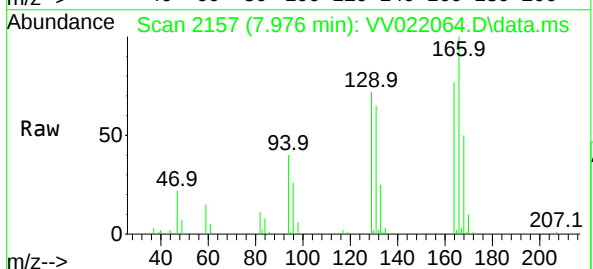
Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
77 36.3 21.8 40.6

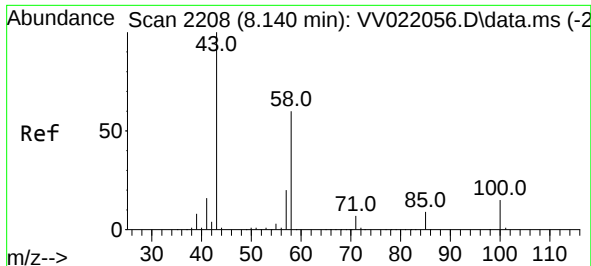


#46

Tetrachloroethene
Concen: 8.16 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Tgt Ion: 164 Resp: 19973
Ion Ratio Lower Upper
164 100
129 93.6 62.9 116.9
131 84.9 61.0 113.4
166 130.0 90.6 168.3

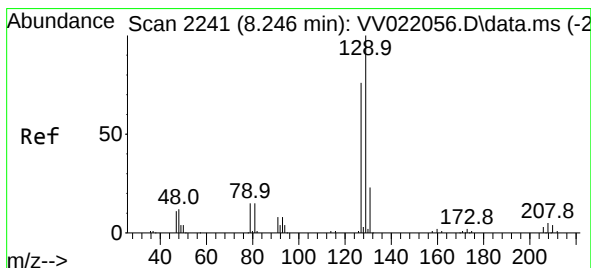
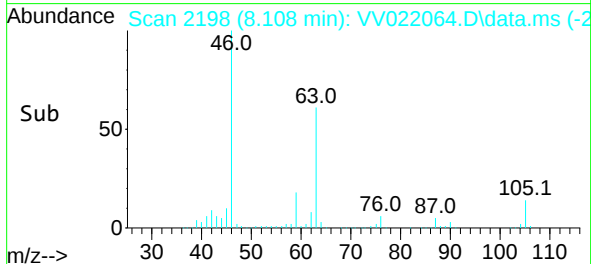
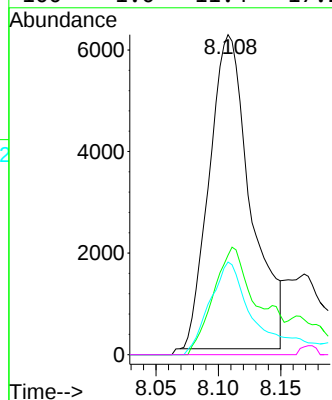
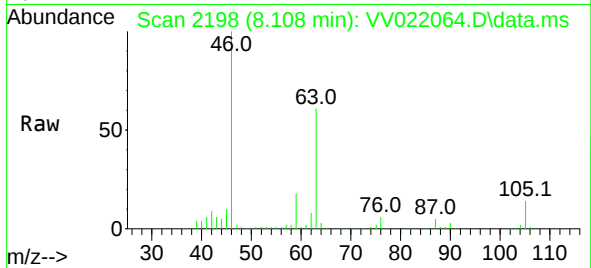




#48
2-Hexanone
Concen: 4.70 ug/L
RT: 8.108 min Scan# 2198
Delta R.T. -0.032 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

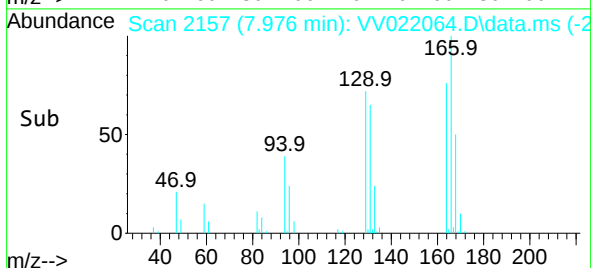
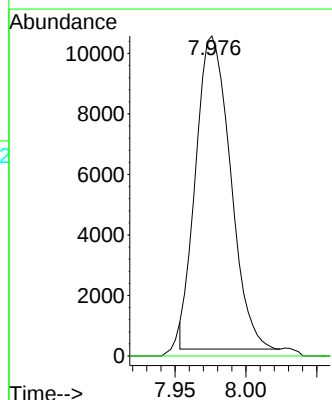
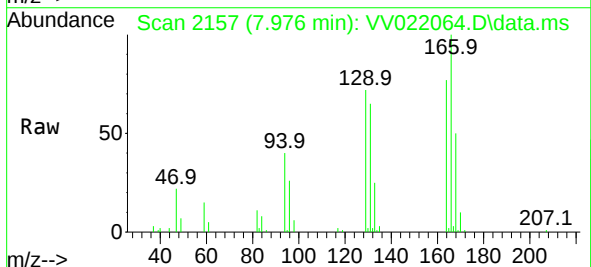
Instrument :
MSVOA_V
ClientSampled :

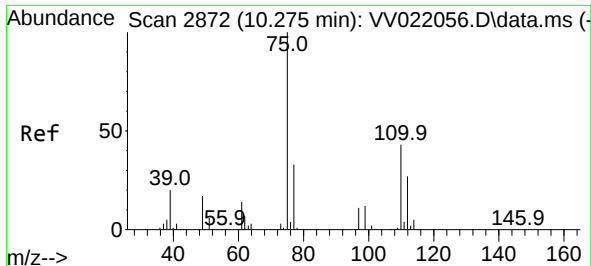
Tgt Ion: 43	Resp: 14240
Ion Ratio	Lower Upper
43 100	
58 31.0	47.5 71.3#
57 29.8	15.9 23.9#
100 1.0	11.4 17.2#



#49
Dibromochloromethane
Concen: 5.61 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Tgt Ion: 129	Resp: 17582
Ion Ratio	Lower Upper
129 100	
127 0.0	54.1 100.5#

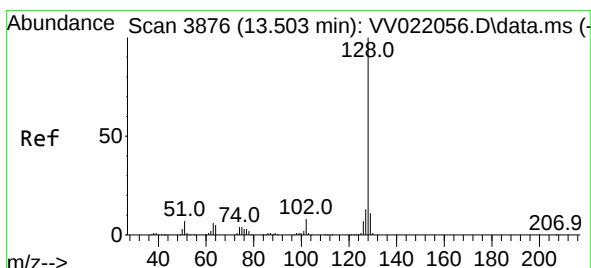
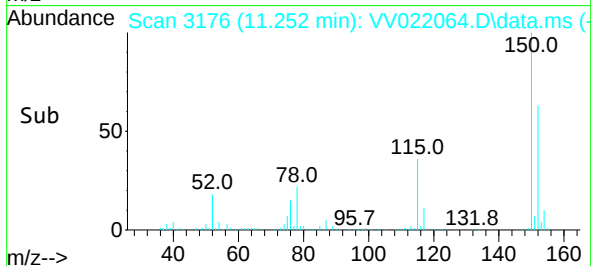
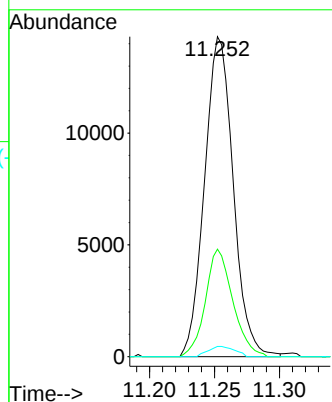
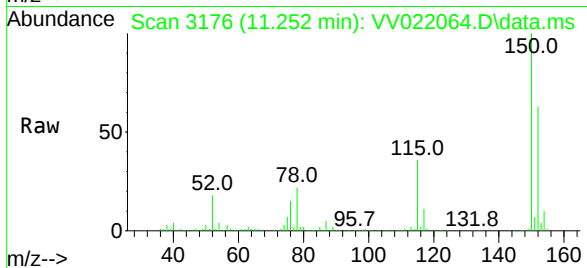




#61
1,2,3-Trichloropropane
Concen: 6.45 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 21960
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 3.0 33.8 50.6#



#71
Naphthalene
Concen: 3.30 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022064.D
Acq: 01 Sep 2021 13:59

Tgt Ion: 128 Resp: 39187
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 10.6 8.7 13.1

