

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022512.D
 Acq On : 02 Oct 2021 15:43
 Operator : SY/MD
 Sample : M3996-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A37

Quant Time: Oct 04 02:00:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

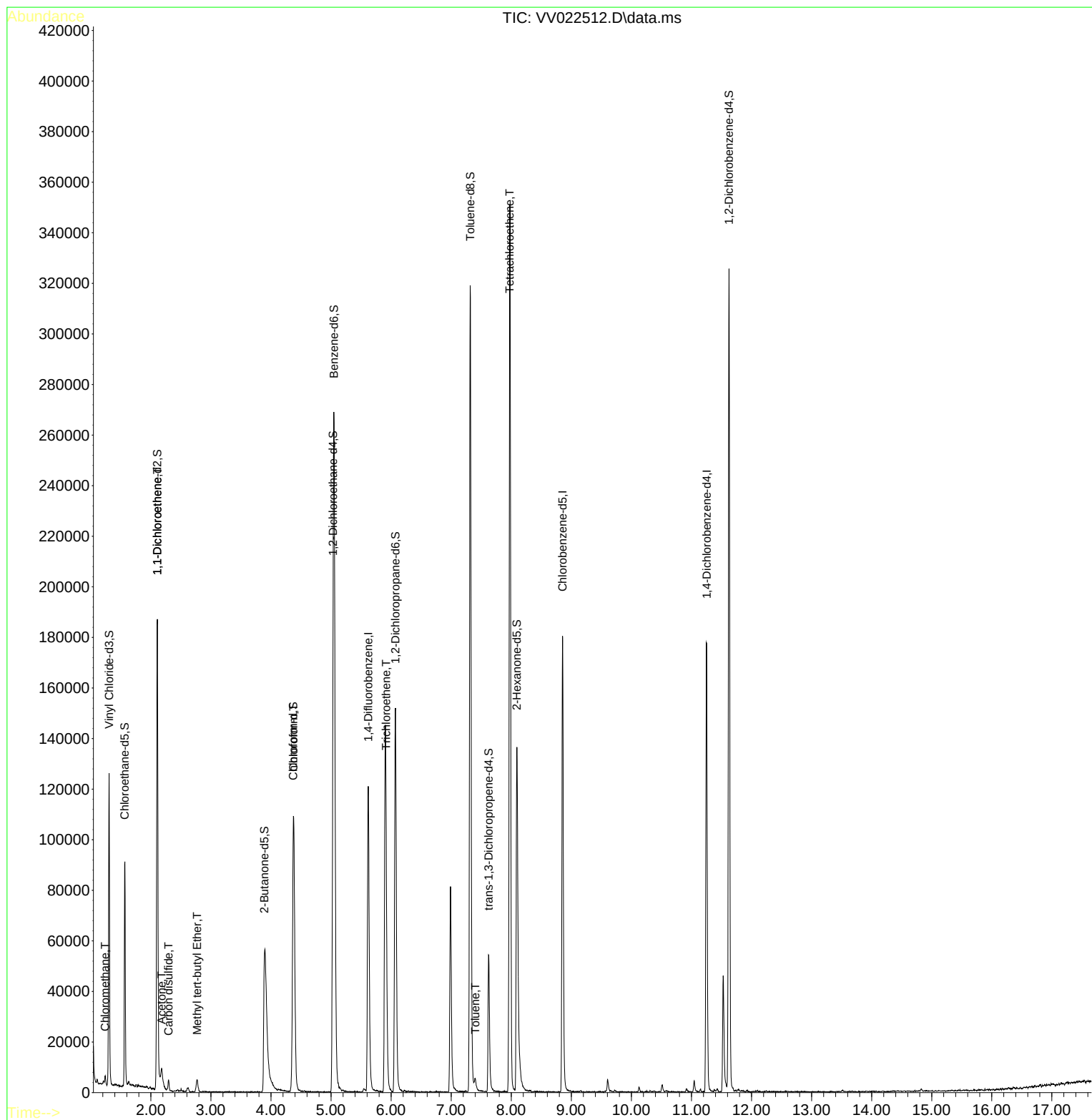
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108823	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	104218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67474	100.255	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 200.500%#		
7) Chloroethane-d5	1.564	69	53522	101.168	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 202.340%#		
11) 1,1-Dichloroethene-d2	2.108	63	96373	72.622	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 145.240%#		
21) 2-Butanone-d5	3.889	46	72169	194.806	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 194.810%#		
24) Chloroform-d	4.371	84	8257	6.715	ug/L	0.03
Spiked Amount 50.000	Range 70	- 125	Recovery	= 13.420%#		
26) 1,2-Dichloroethane-d4	5.034	65	72224	101.252	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 202.500%#		
32) Benzene-d6	5.050	84	236680	98.029	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 196.060%#		
36) 1,2-Dichloropropane-d6	6.072	67	73766	99.246	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 198.500%#		
41) Toluene-d8	7.316	98	212144	95.790	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 191.580%#		
43) trans-1,3-Dichloroprop...	7.622	79	31938	90.820	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 181.640%#		
47) 2-Hexanone-d5	8.091	63	38010	123.449	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 123.450%		
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount 50.000	Range 65	- 120	Recovery	= 0.000%#		
66) 1,2-Dichlorobenzene-d4	11.625	152	86418	109.541	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 219.080%#		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1650	1.525	ug/L	100
12) 1,1-Dichloroethene	2.108	96	1025	1.348	ug/L #	1
13) Acetone	2.178	43	10934	23.364	ug/L #	30
14) Carbon disulfide	2.294	76	4931	2.147	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	4450	1.727	ug/L #	85
25) Chloroform	4.375	83	108997	73.360	ug/L	99
34) Trichloroethene	5.915	95	19267	22.932	ug/L	98
42) Toluene	7.403	91	3816	1.126	ug/L	100
46) Tetrachloroethene	7.976	164	81186	115.424	ug/L	98

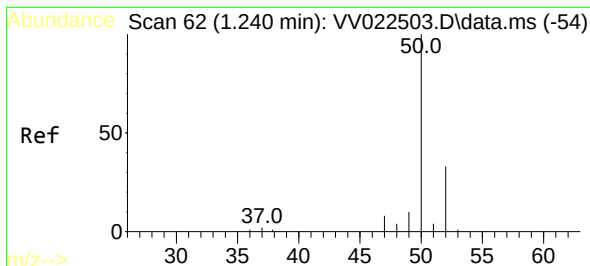
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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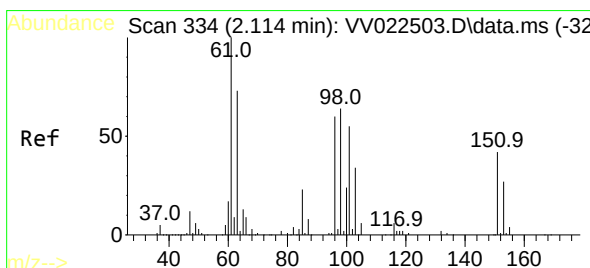
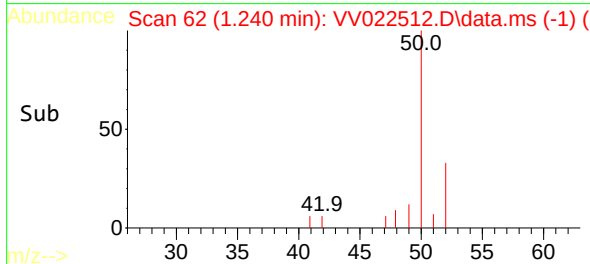
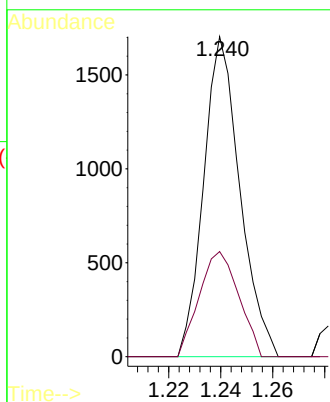
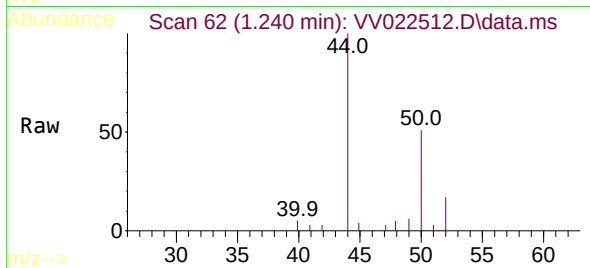




#3
Chloromethane
Concen: 1.525 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

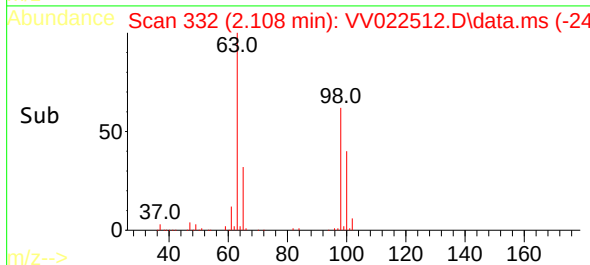
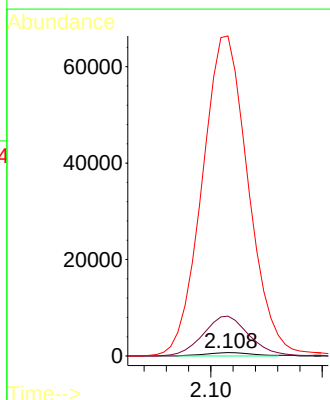
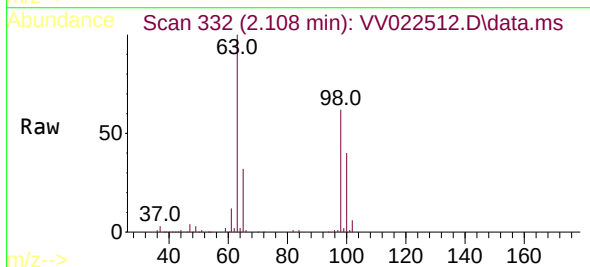
Instrument :
MSVOA_V
ClientSampled :
F4A37

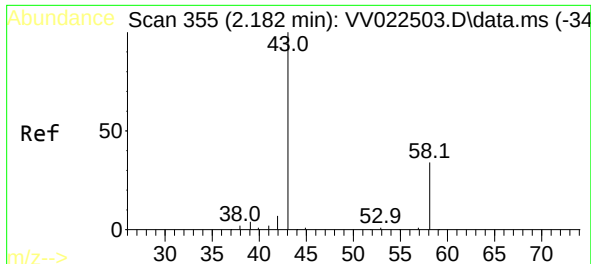
Tgt Ion: 50 Resp: 1650
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8



#12
1,1-Dichloroethene
Concen: 1.348 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 96 Resp: 1025
Ion Ratio Lower Upper
96 100
61 1195.2 118.0 219.2#
63 9604.6 86.4 160.4#

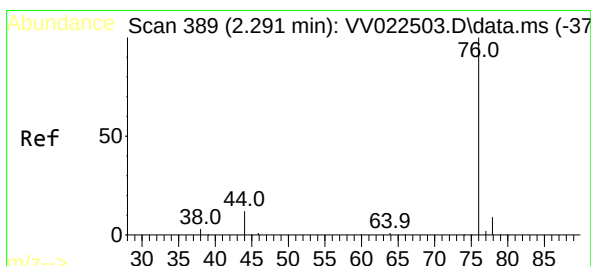
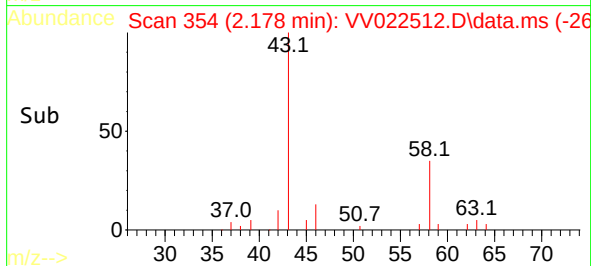
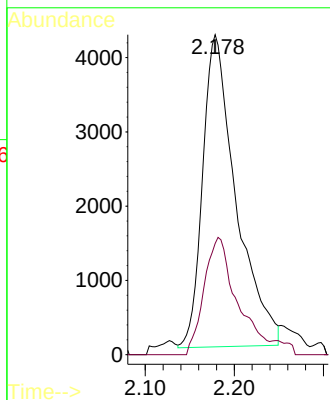
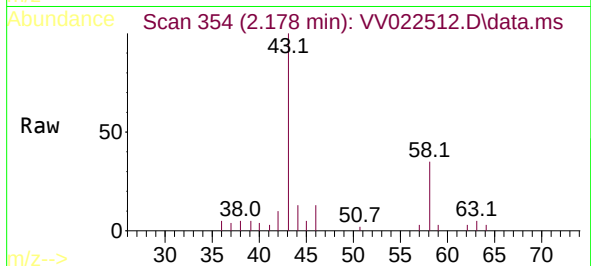




#13
Acetone
Concen: 23.364 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

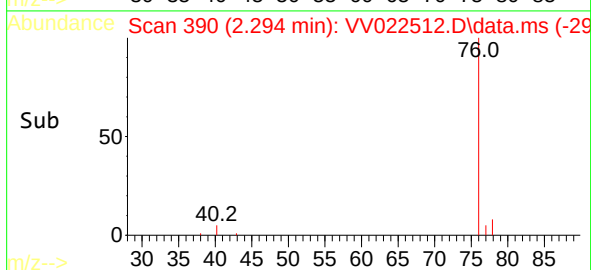
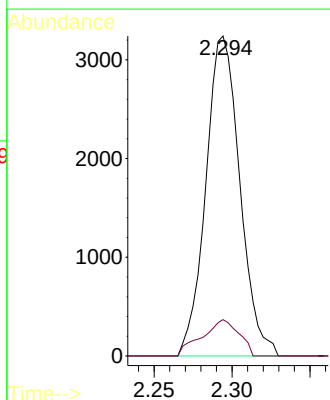
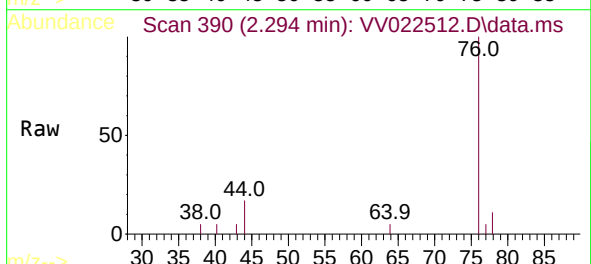
Instrument :
MSVOA_V
ClientSampleId :
F4A37

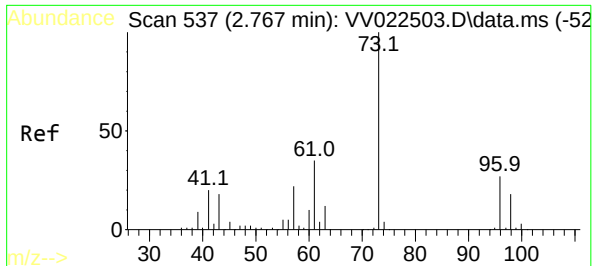
Tgt Ion: 43 Resp: 10934
Ion Ratio Lower Upper
43 100
58 37.1 0.0 21.2#



#14
Carbon disulfide
Concen: 2.147 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 76 Resp: 4931
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4

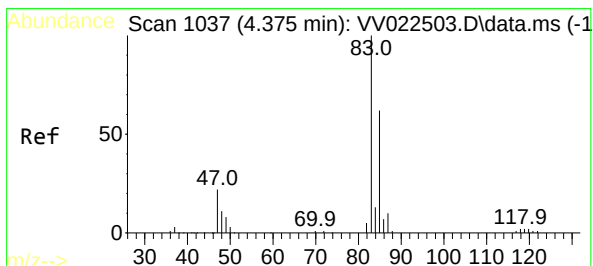
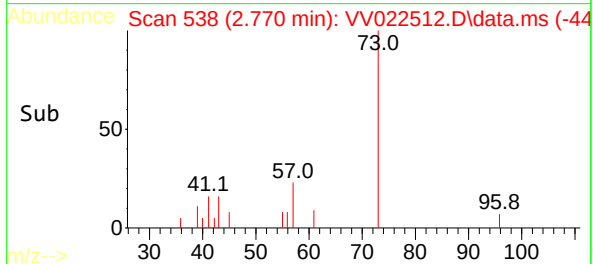
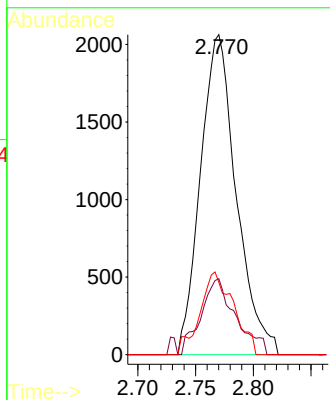
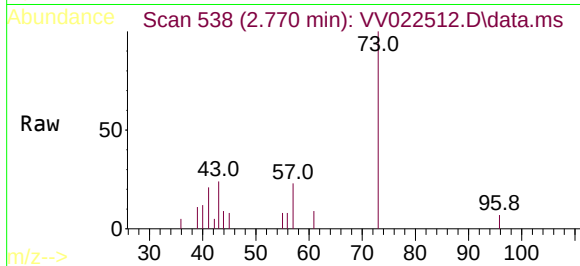




#18
Methyl tert-butyl Ether
Concen: 1.727 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

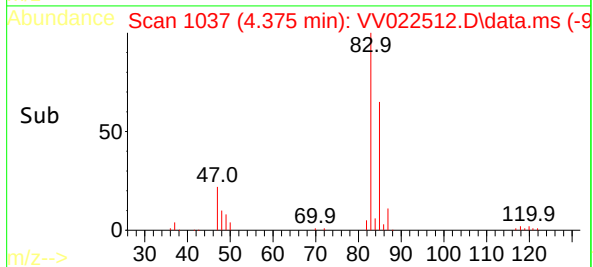
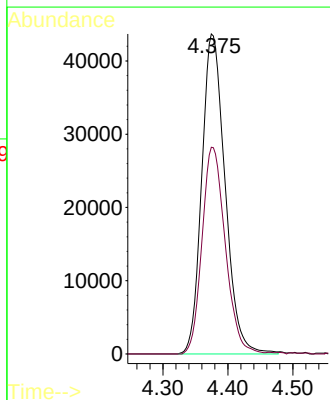
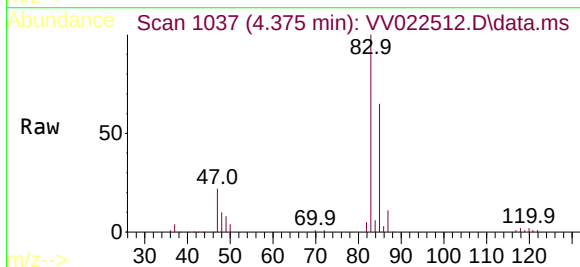
Instrument :
MSVOA_V
ClientSampleId :
F4A37

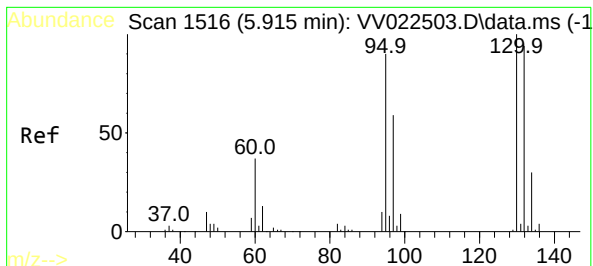
Tgt Ion: 73 Resp: 4450
Ion Ratio Lower Upper
73 100
43 22.2 15.1 22.7
57 11.7 17.6 26.4#



#25
Chloroform
Concen: 73.360 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 83 Resp: 108997
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



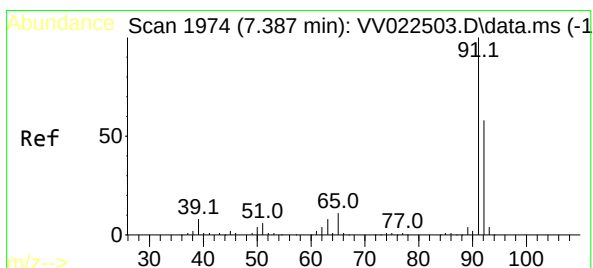
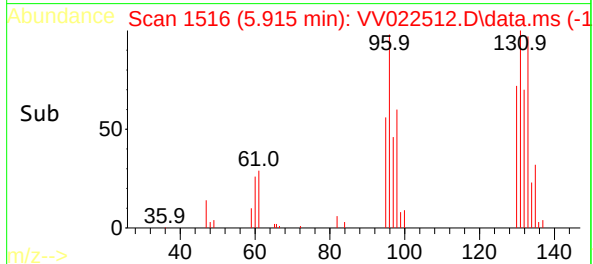
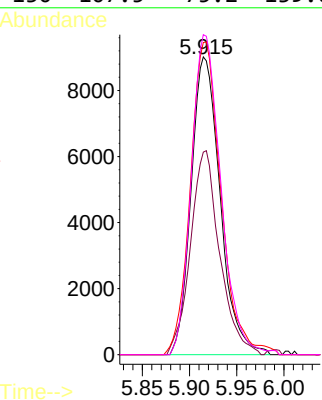
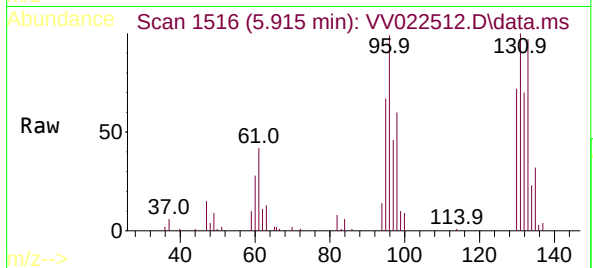


#34
Trichloroethene
Concen: 22.932 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Instrument :
MSVOA_V
ClientSampleId :
F4A37

Tgt Ion: 95 Resp: 19267

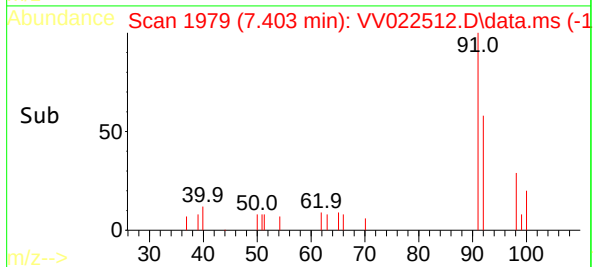
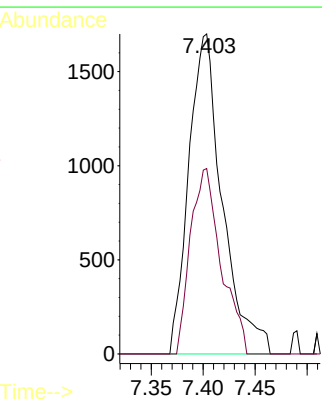
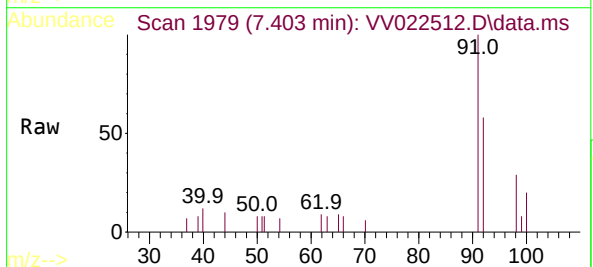
Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.4	84.4
132	104.8	71.5	132.9
130	107.5	75.2	139.6

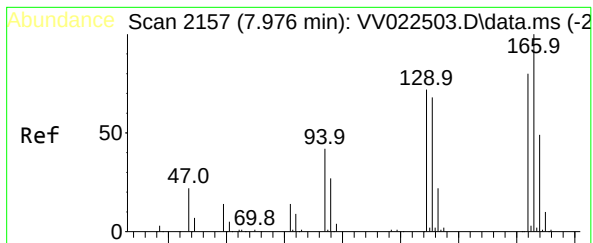


#42
Toluene
Concen: 1.126 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Tgt Ion: 91 Resp: 3816

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.6	75.4





#46
Tetrachloroethene
Concen: 115.424 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022512.D
Acq: 02 Oct 2021 15:43

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 81186
Ion Ratio Lower Upper
164 100
129 87.2 64.6 120.0
131 86.0 59.9 111.3
166 124.1 88.0 163.4

