

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033361.D
 Acq On : 15 Dec 2023 01:38
 Operator : SY/MD
 Sample : 05802-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 04:10:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

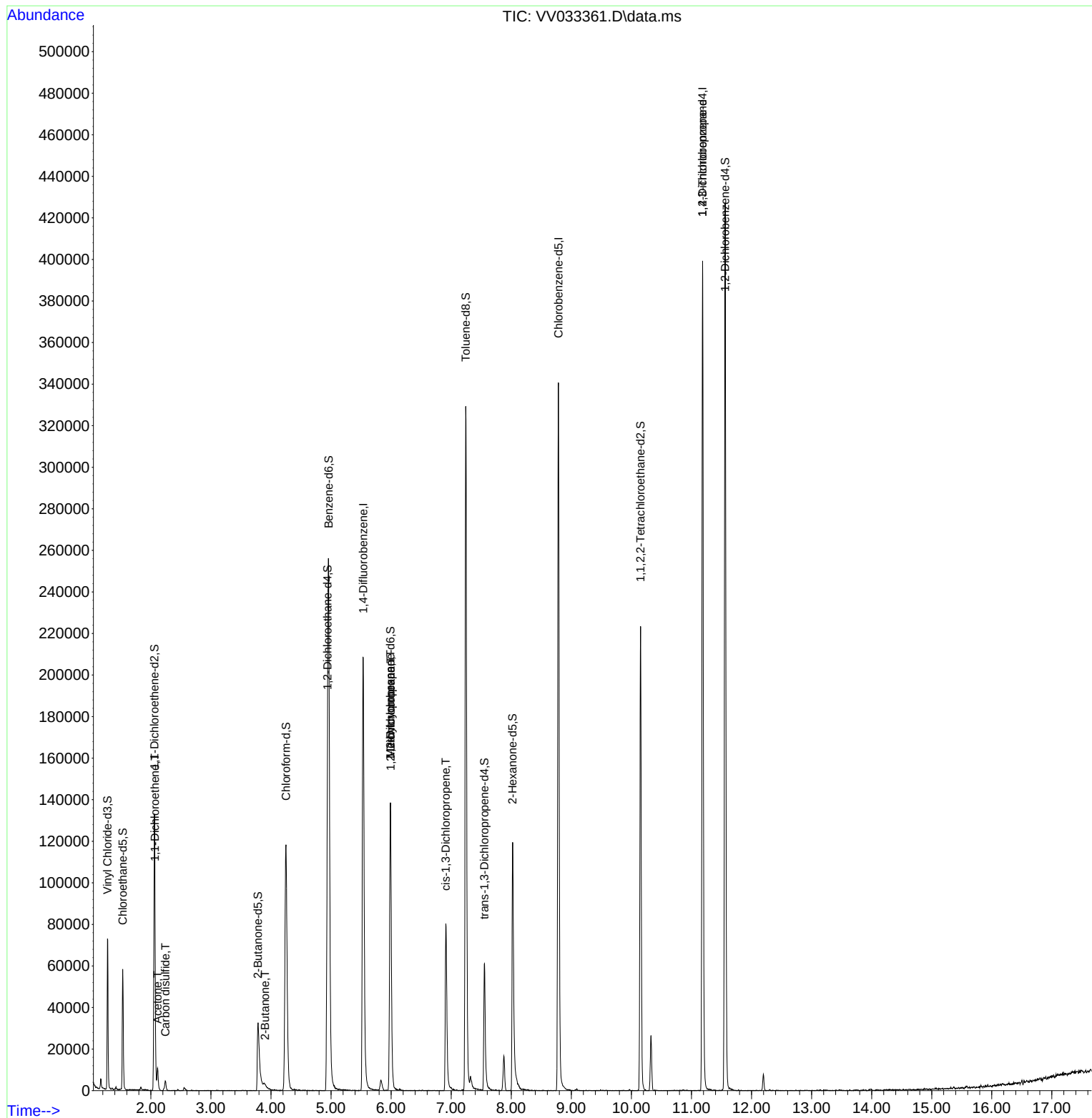
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	206221	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	210753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117937	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45455	36.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.740%		
7) Chloroethane-d5	1.532	69	36756	42.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.580%		
11) 1,1-Dichloroethene-d2	2.060	65	20152	42.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.940%		
21) 2-Butanone-d5	3.783	46	45608	74.486	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.490%		
24) Chloroform-d	4.249	84	129853	49.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.260%		
26) 1,2-Dichloroethane-d4	4.941	65	87402	53.734	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.460%		
32) Benzene-d6	4.960	84	237175	48.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	5.989	67	57908	43.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.380%		
41) Toluene-d8	7.243	98	233178	49.591	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.180%		
43) trans-1,3-Dichloroprop...	7.551	79	37318	44.530	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
47) 2-Hexanone-d5	8.021	63	44178	82.976	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.980%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	90456	48.014	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.020%		
66) 1,2-Dichlorobenzene-d4	11.561	152	120810	57.573	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.140%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	1861	1.800	ug/L #	1
13) Acetone	2.111	43	10405	17.800	ug/L	93
14) Carbon disulfide	2.243	76	5287	1.425	ug/L	95
22) 2-Butanone	3.902	43	3330	4.476	ug/L	81
35) Methylcyclohexane	5.989	83	18620	8.041	ug/L #	21
37) 1,2-Dichloropropane	5.992	63	8032	6.498	ug/L #	83
39) cis-1,3-Dichloropropene	6.908	75	2503	1.116	ug/L #	81
61) 1,2,3-Trichloropropane	11.185	75	8966	6.097	ug/L #	56

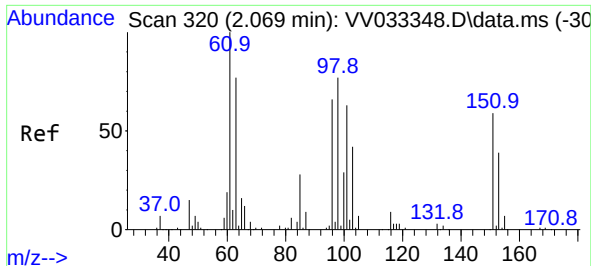
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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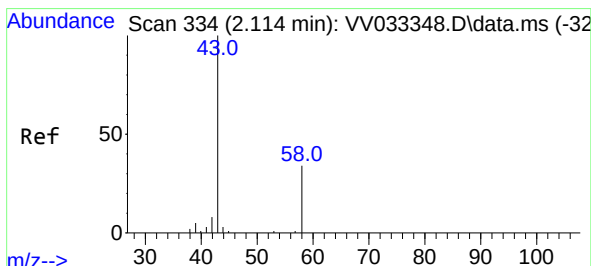
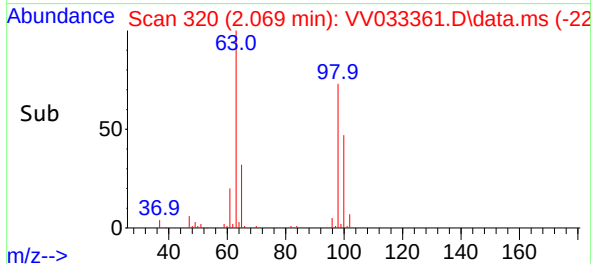
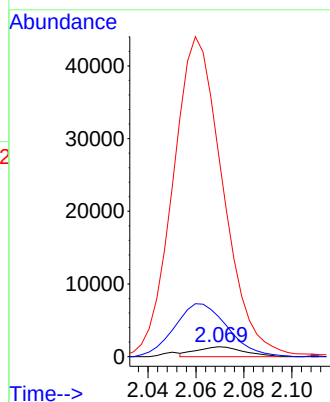
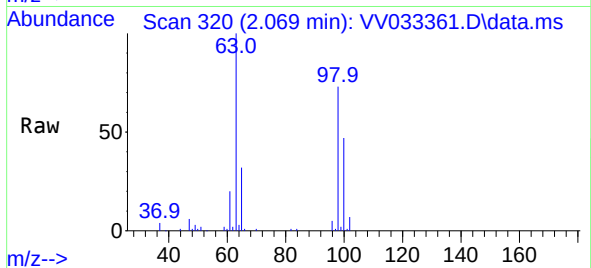




#12
1,1-Dichloroethene
Concen: 1.800 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

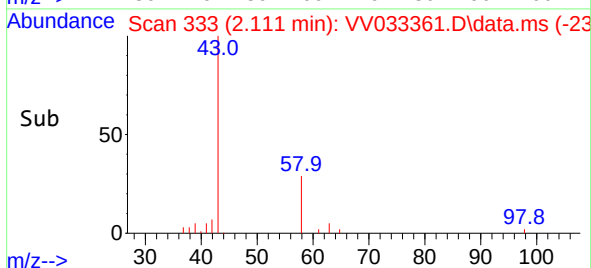
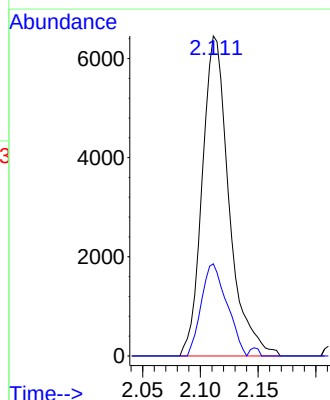
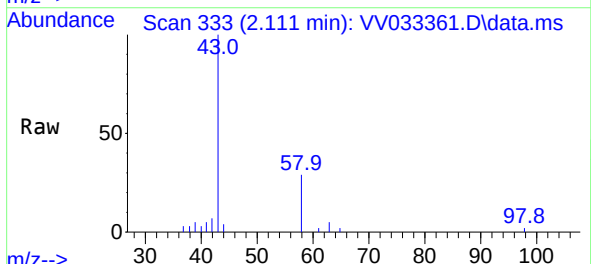
Instrument :
MSVOA_V
ClientSampleId :

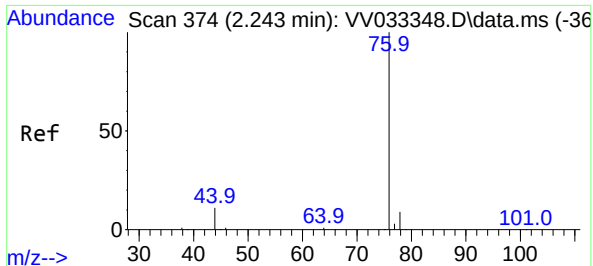
Tgt Ion: 96 Resp: 1861
Ion Ratio Lower Upper
96 100
61 402.6 109.1 202.7#
63 2041.7 85.3 158.3#



#13
Acetone
Concen: 17.800 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

Tgt Ion: 43 Resp: 10405
Ion Ratio Lower Upper
43 100
58 27.5 0.0 62.8

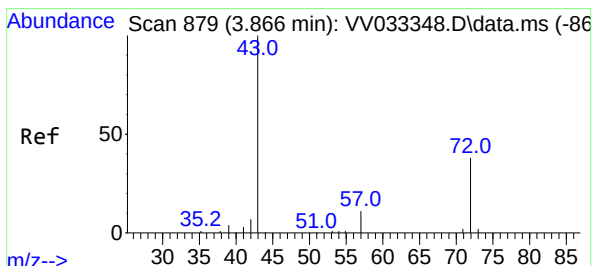
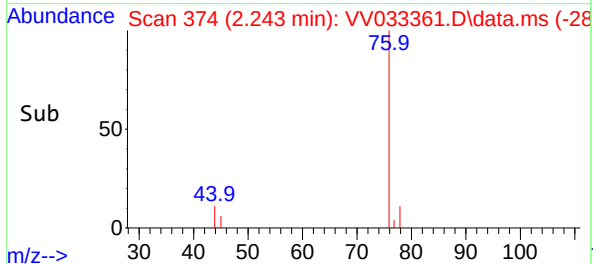
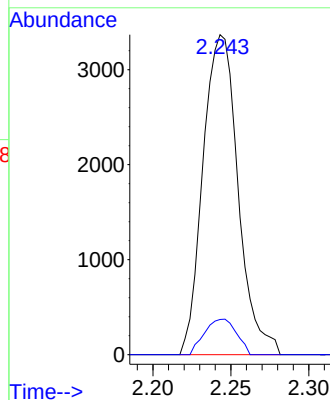
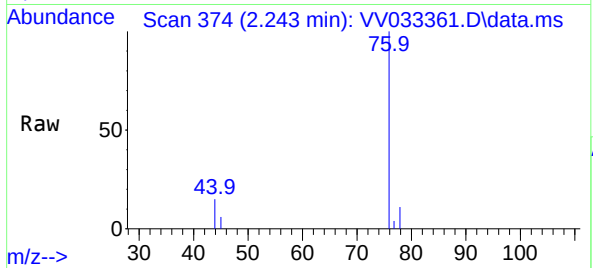




#14
Carbon disulfide
Concen: 1.425 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

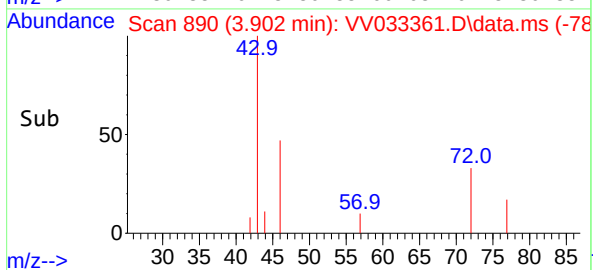
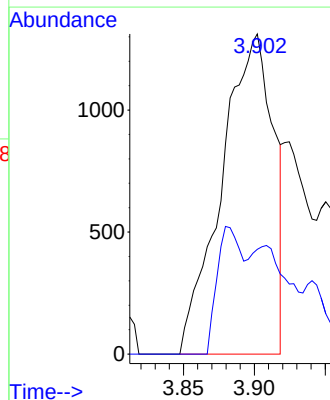
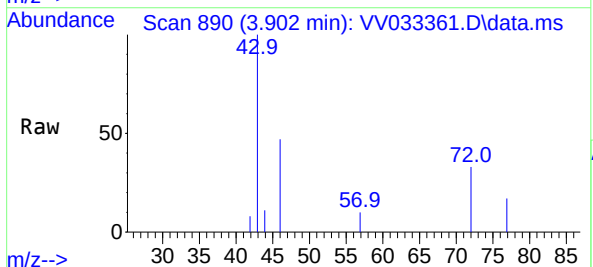
Instrument :
MSVOA_V
ClientSampleId :

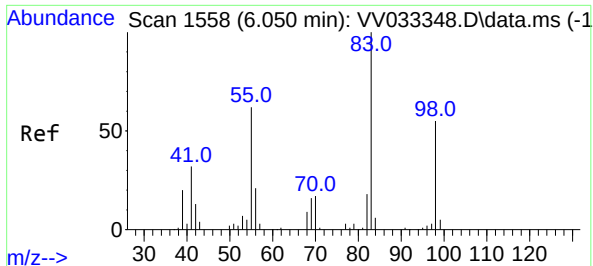
Tgt Ion: 76 Resp: 5287
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#22
2-Butanone
Concen: 4.476 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.045 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

Tgt Ion: 43 Resp: 3330
Ion Ratio Lower Upper
43 100
72 18.8 14.6 43.8

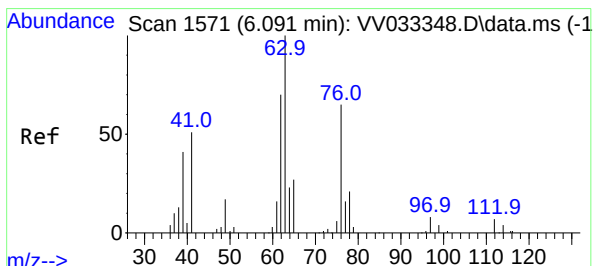
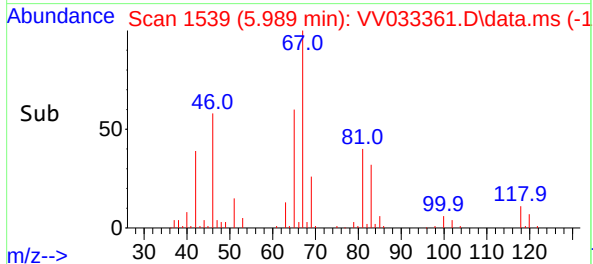
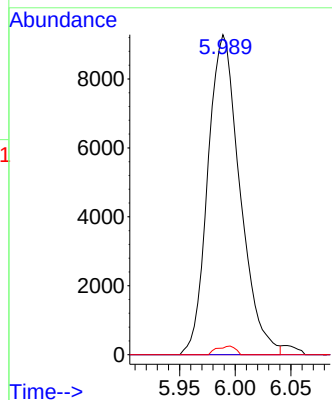
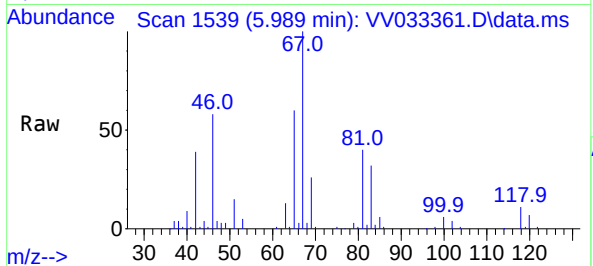




#35
Methylcyclohexane
Concen: 8.041 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

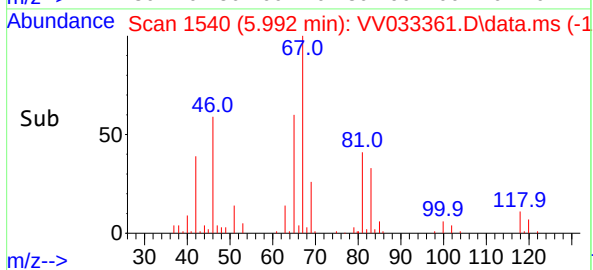
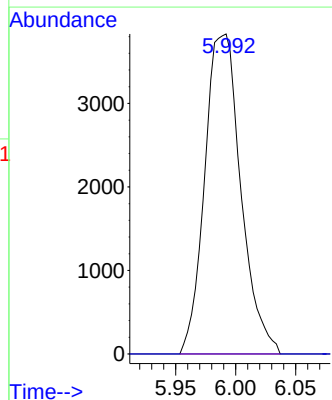
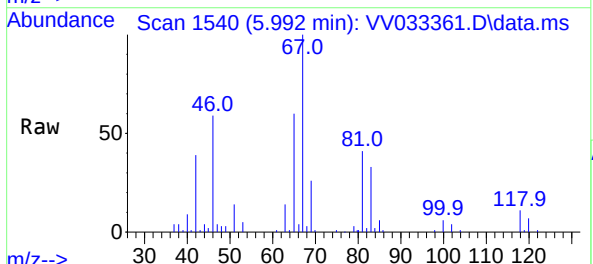
Instrument :
MSVOA_V
ClientSampleId :

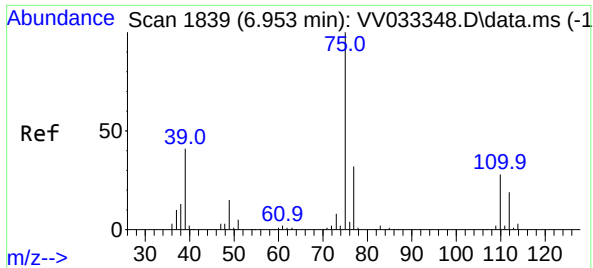
Tgt Ion: 83 Resp: 18620
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 1.0 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 6.498 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.099 min
Lab File: VV033361.D
Acq: 15 Dec 2023 01:38

Tgt Ion: 63 Resp: 8032
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

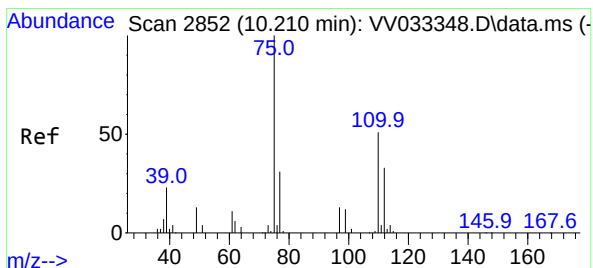
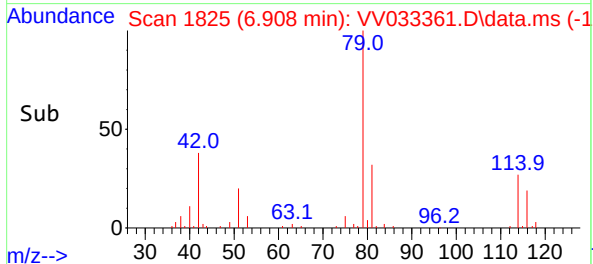
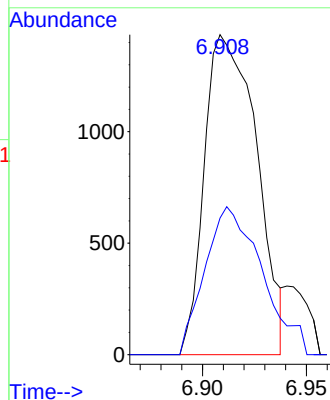
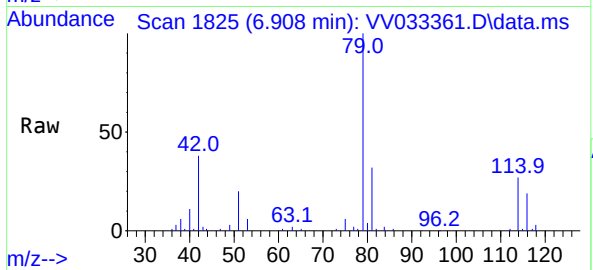




#39
 cis-1,3-Dichloropropene
 Concen: 1.116 ug/L
 RT: 6.908 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV033361.D
 Acq: 15 Dec 2023 01:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 2503
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.4 41.6#



#61
 1,2,3-Trichloropropane
 Concen: 6.097 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV033361.D
 Acq: 15 Dec 2023 01:38

Tgt Ion: 75 Resp: 8966
 Ion Ratio Lower Upper
 75 100
 77 39.8 27.0 40.6
 110 1.8 38.1 57.1#

