

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015958.D
 Acq On : 08 May 2020 12:26
 Operator : SY/MD
 Sample : L2520-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:47:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141211	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138647	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34095	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	34795	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	57134	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.92	46	108930	49.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	4.38	84	84333	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.06	65	47780	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	158889	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	50215	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	144004	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
45) trans-1,3-Dichloropropene-	7.64	79	18390	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
48) 2-Hexanone-d5	8.11	63	79266	45.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32834	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	53781	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

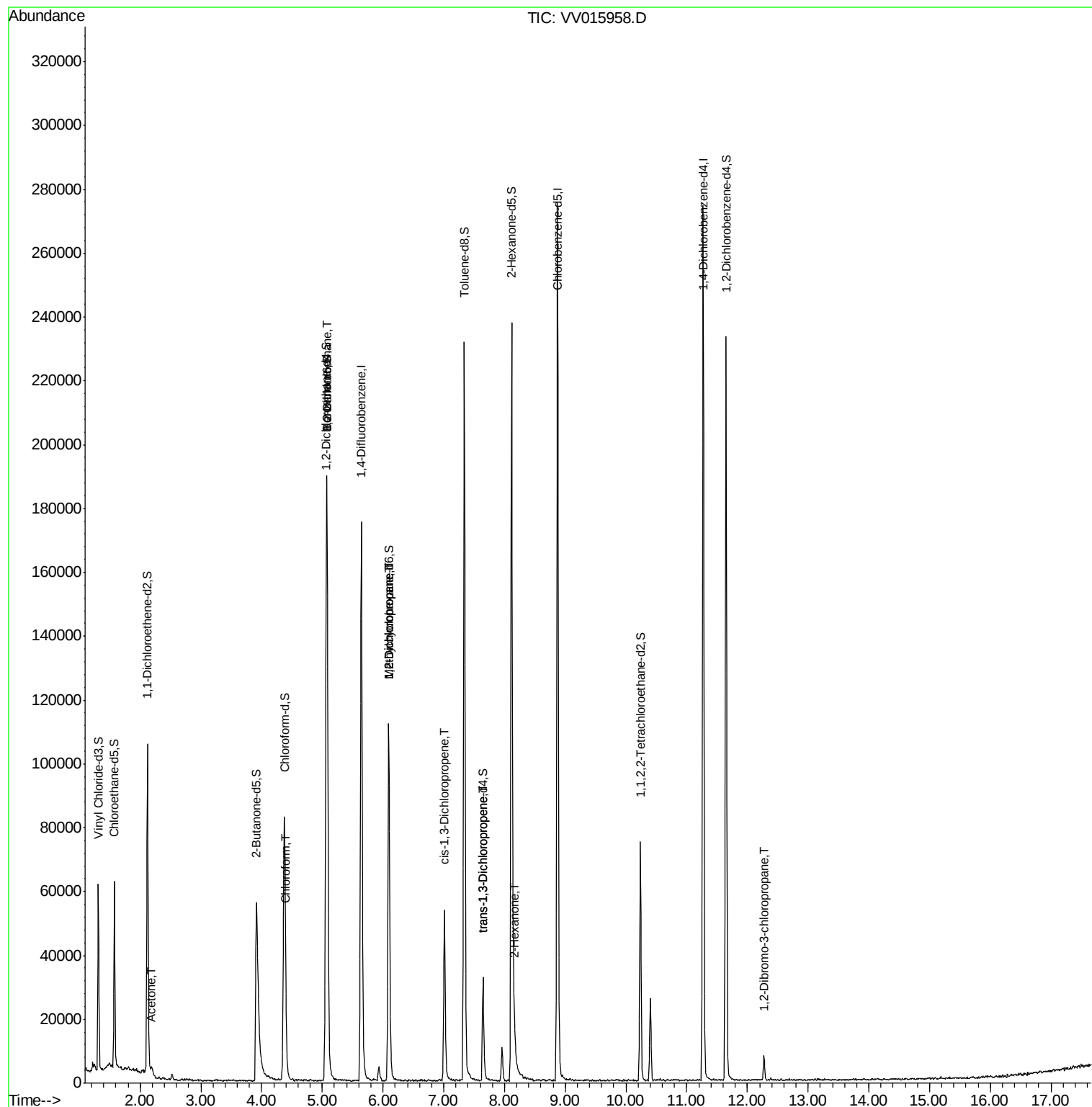
					Ovalue
13) Acetone	2.19	43	4380	3.038 ug/L #	61
25) Chloroform	4.41	83	2350	0.129 ug/L	92
27) 1,2-Dichloroethane	5.07	62	1043	0.093 ug/L #	76
35) Methylcyclohexane	6.10	83	12525	0.832 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6331	0.714 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1521	0.121 ug/L #	66
46) trans-1,3-Dichloropropene	7.65	75	861	0.081 ug/L #	55
50) 2-Hexanone	8.17	43	4325	1.107 ug/L #	50
67) 1,2-Dibromo-3-chloropropan	12.28	75	382	0.377 ug/L #	6

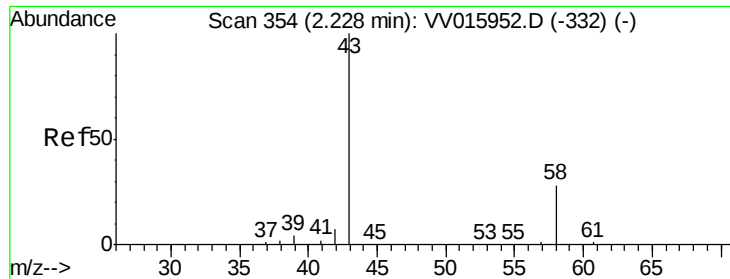
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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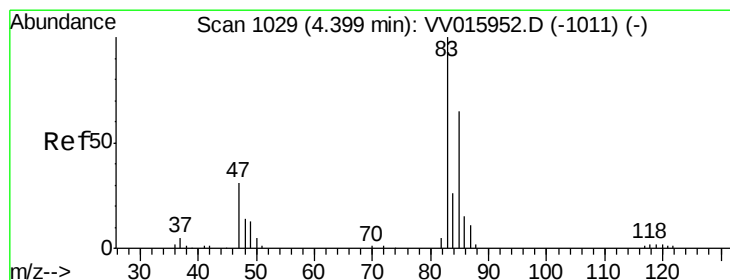
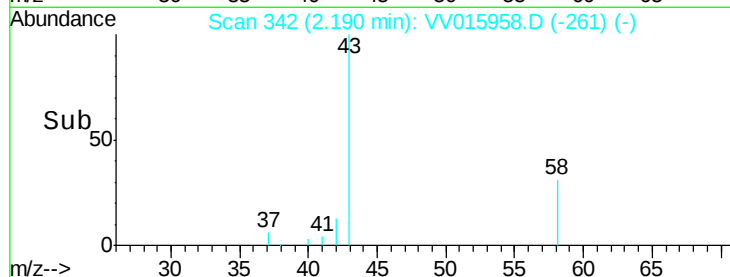
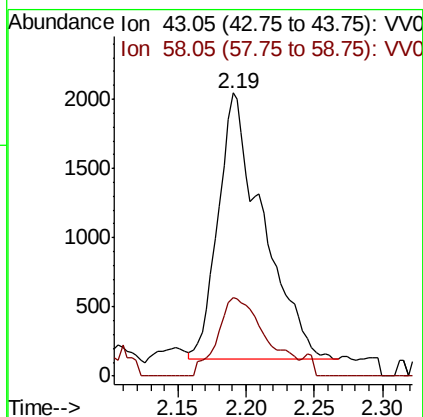
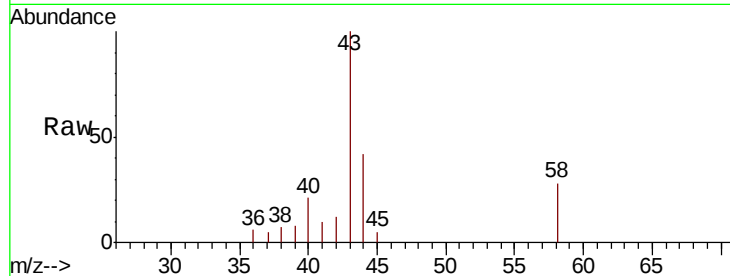




#13
Acetone
Concen: 3.038 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.04 min
Lab File: VV015958.D
Acq: 08 May 2020 12:26

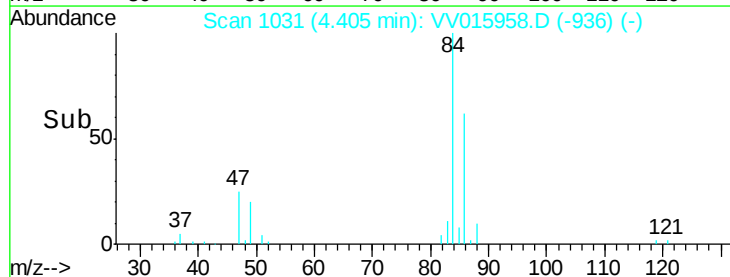
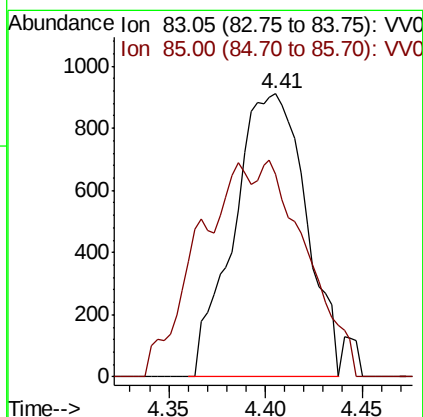
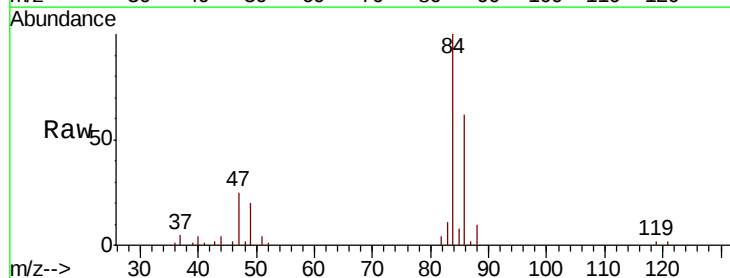
Instrument :
MSVOA_V
ClientSampled :

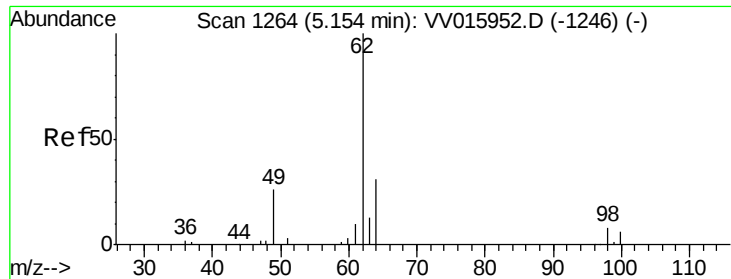
Tot Ion: 43 Resp: 4380
Ion Ratio Lower Upper
43 100
58 31.9 0.0 30.8#



#25
Chloroform
Concen: 0.129 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015958.D
Acq: 08 May 2020 12:26

Tgt Ion: 83 Resp: 2350
Ion Ratio Lower Upper
83 100
85 71.8 45.7 84.9

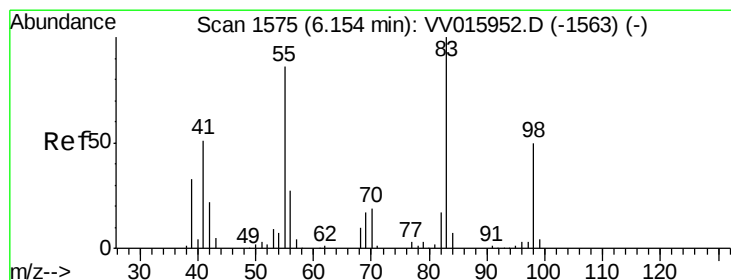
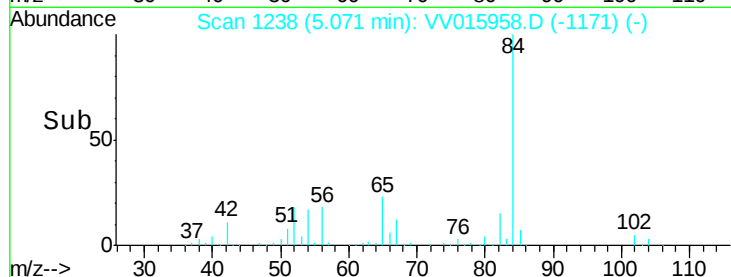
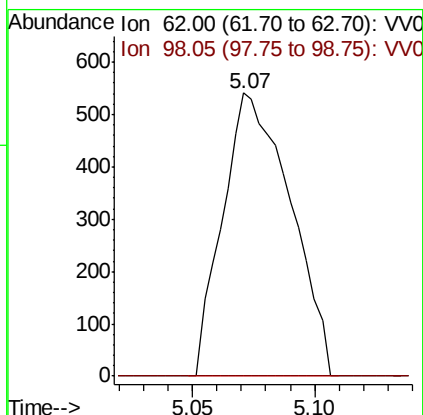
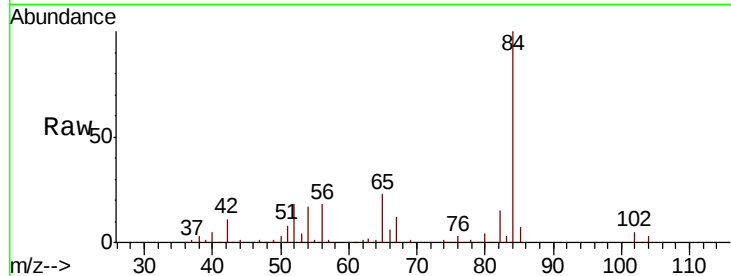




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV015958.D
 Acq: 08 May 2020 12:26

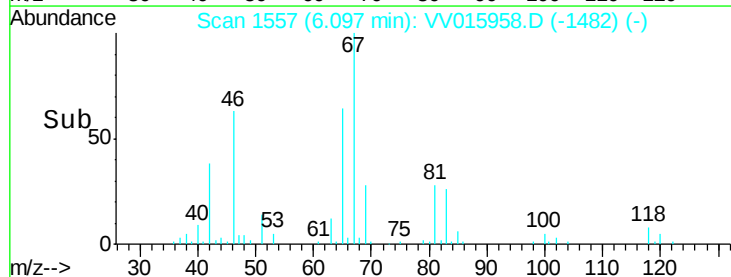
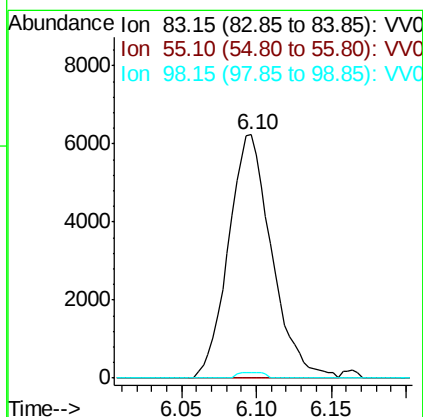
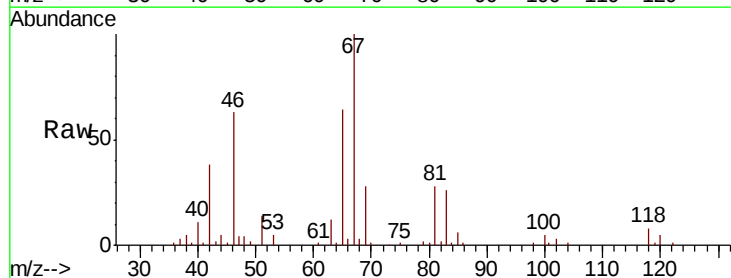
Instrument :
 MSVOA_V
 ClientSampleId :

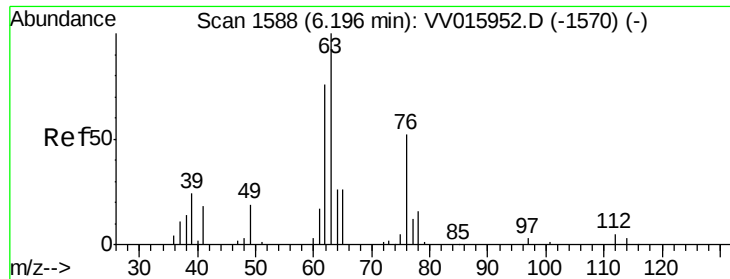
Tot Ion: 62 Resp: 1043
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.832 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015958.D
 Acq: 08 May 2020 12:26

Tgt Ion: 83 Resp: 12525
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 1.4 37.9 56.9#

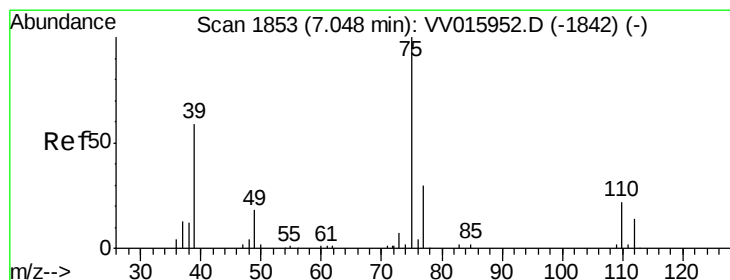
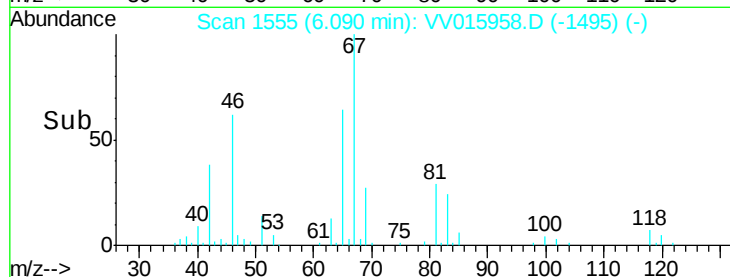
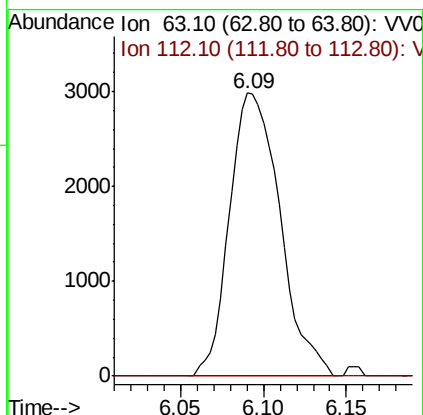
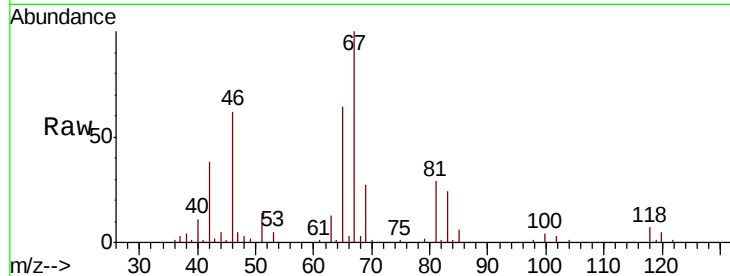




#37
 1,2-Dichloropropane
 Concen: 0.714 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV015958.D
 Acq: 08 May 2020 12:26

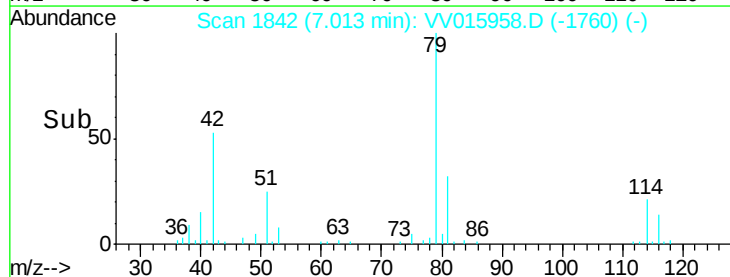
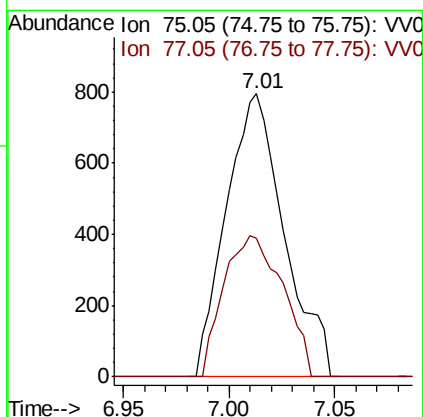
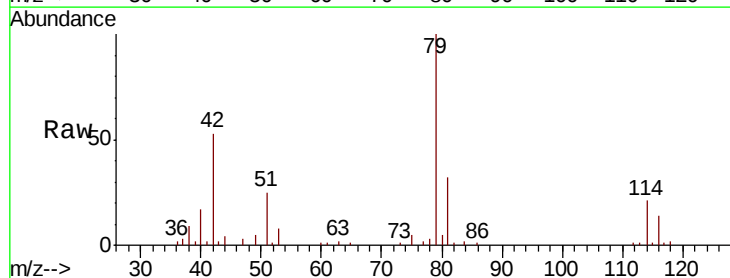
Instrument :
 MSVOA_V
 ClientSampleId :

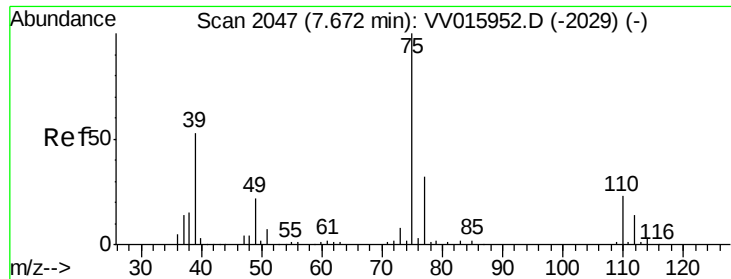
Tot Ion: 63 Resp: 6331
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015958.D
 Acq: 08 May 2020 12:26

Tgt Ion: 75 Resp: 1521
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.3 39.5#

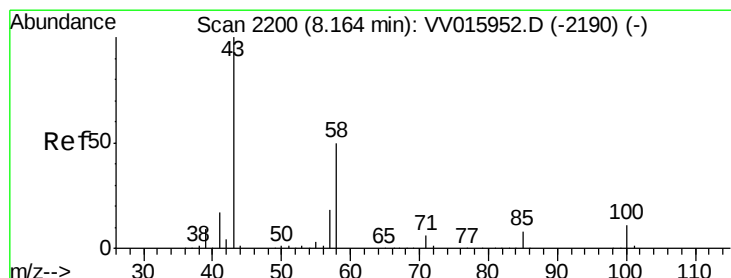
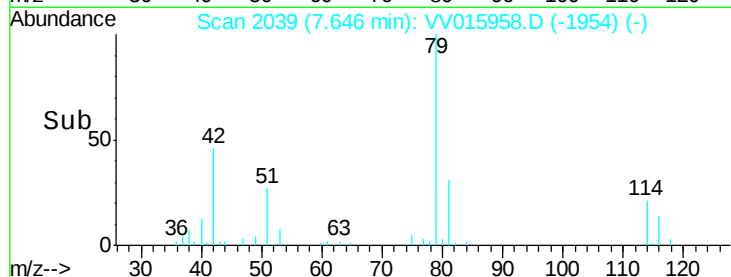
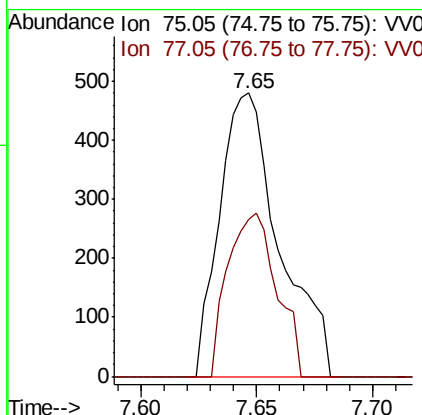
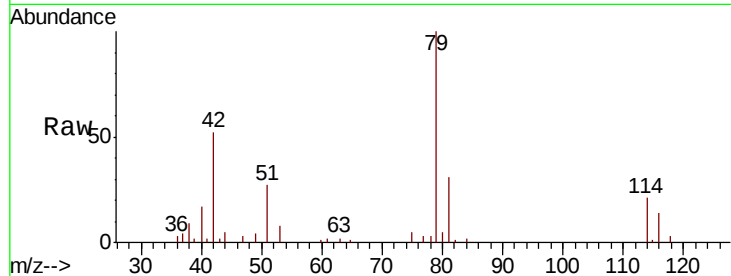




#46
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015958.D
Acq: 08 May 2020 12:26

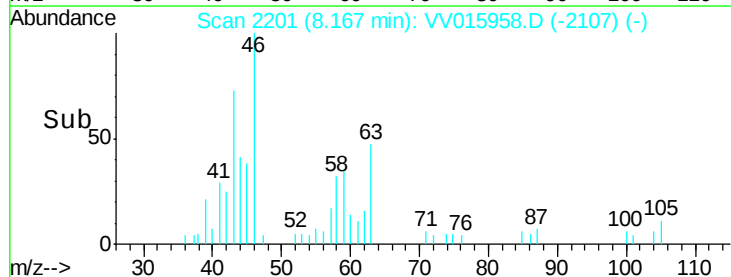
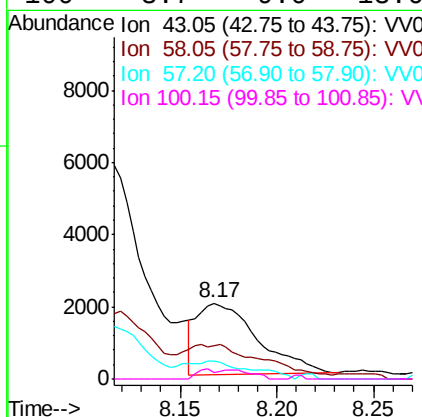
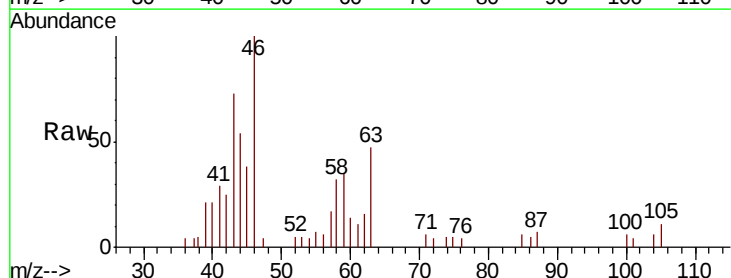
Instrument :
MSVOA_V
ClientSampled :

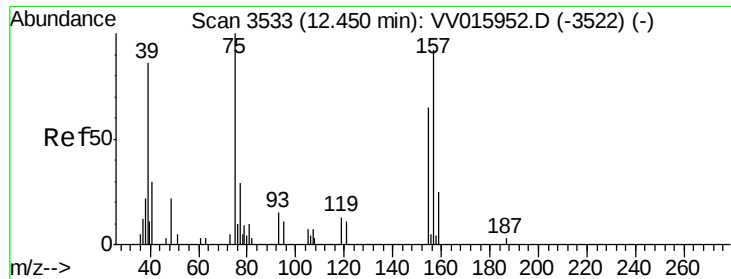
Tot Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
77 55.2 21.3 39.6#



#50
2-Hexanone
Concen: 1.107 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015958.D
Acq: 08 May 2020 12:26

Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
58 4.0 40.8 61.2#
57 27.9 14.7 22.1#
100 3.7 9.0 13.6#





#67

1,2-Dibromo-3-chloropropane

Concen: 0.377 ug/L

RT: 12.28 min Scan# 3479

Delta R.T. -0.17 min

Lab File: VV015958.D

Acq: 08 May 2020 12:26

Instrument :

MSVOA_V

ClientSampleId :

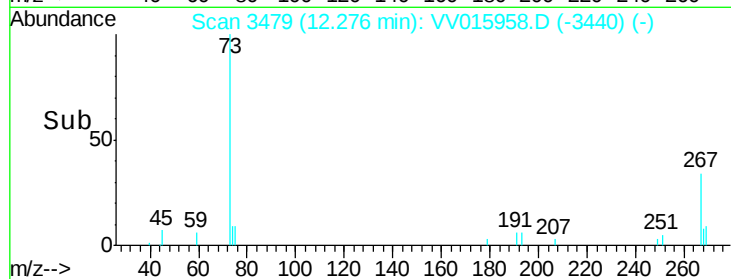
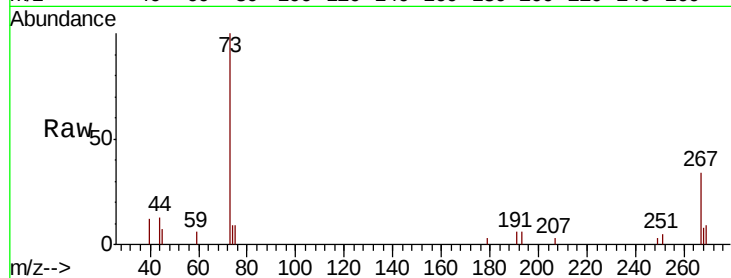
Tot Ion: 75 Resp: 382

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.4#

157 0.0 79.4 119.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.28

300

200

100

0

Time--> 12.24 12.26 12.28 12.30