

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015467.D
 Acq On : 14 Apr 2020 17:39
 Operator : SY/MD
 Sample : L2273-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ87

Quant Time: Apr 15 02:23:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115317	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	107830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32341	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.58	69	28992	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.12	63	46085	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.94	46	81420	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.38	84	63953	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	33719	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.08	84	121358	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.10	67	37435	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	114692	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.65	79	15393	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.11	63	64000	40.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26316	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	42353	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

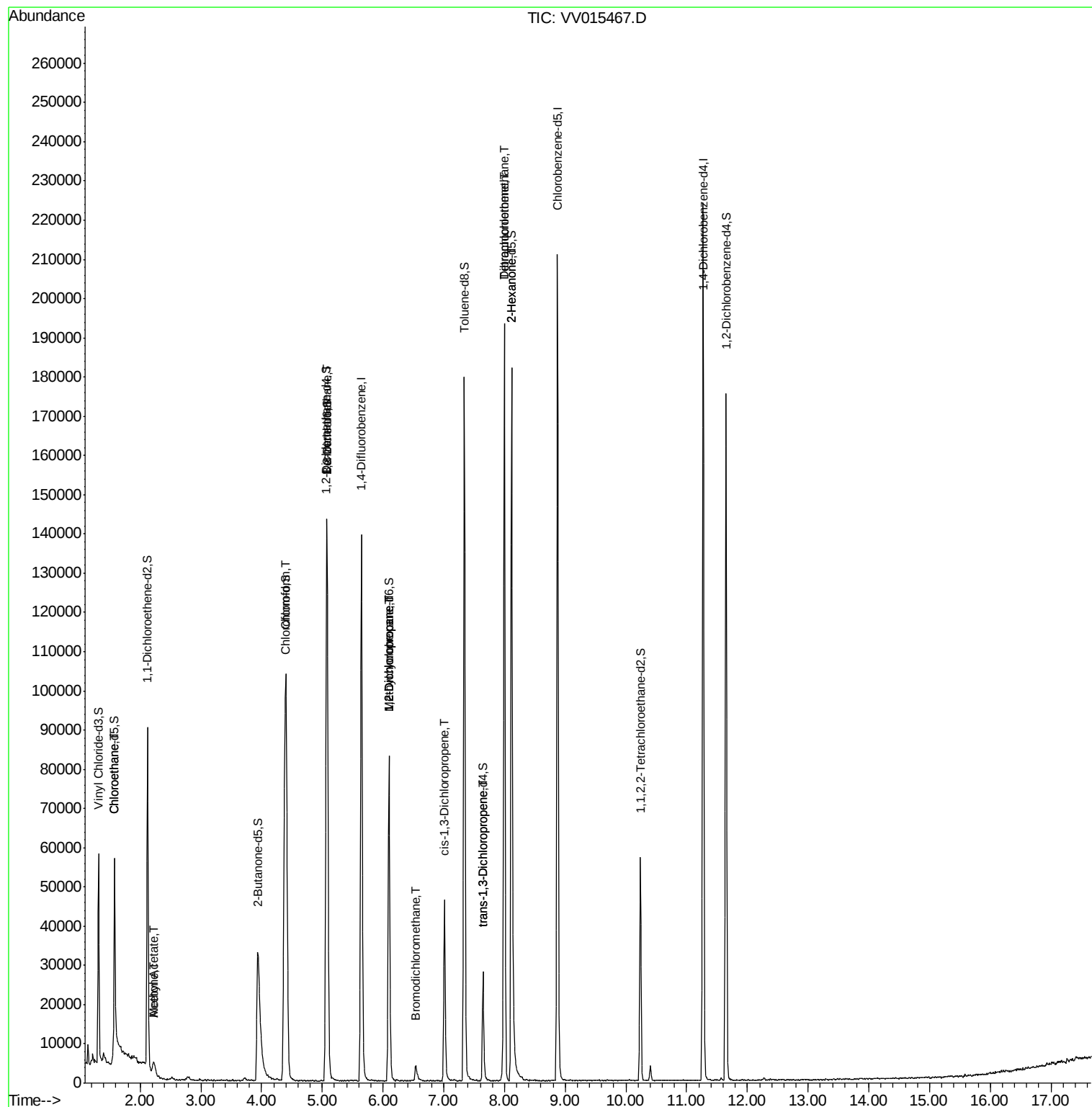
					Ovalue
8) Chloroethane	1.58	64	6813	1.122 ug/L #	54
13) Acetone	2.23	43	9029	7.607 ug/L	72
15) Methyl Acetate	2.23	43	9029	2.571 ug/L #	57
25) Chloroform	4.41	83	78428	4.984 ug/L	98
27) 1,2-Dichloroethane	5.07	62	761	0.075 ug/L #	77
35) Methylcyclohexane	6.10	83	9346	0.639 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4469	0.558 ug/L #	86
38) Bromodichloromethane	6.54	83	2759	0.258 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1175	0.096 ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	660	0.064 ug/L	97
47) Tetrachloroethene	8.00	164	41067	6.381 ug/L	98
48) 2-Hexanone	8.11	43	9569	2.606 ug/L #	78
49) Dibromochloromethane	8.00	129	39182	6.079 ug/L #	10

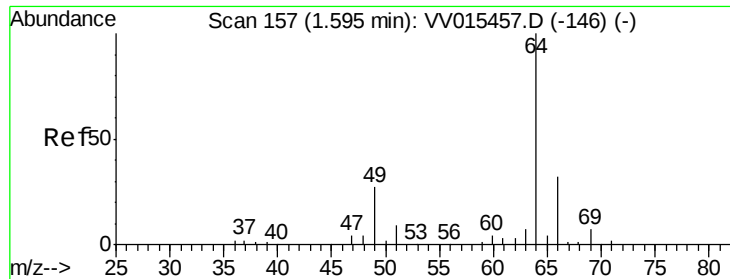
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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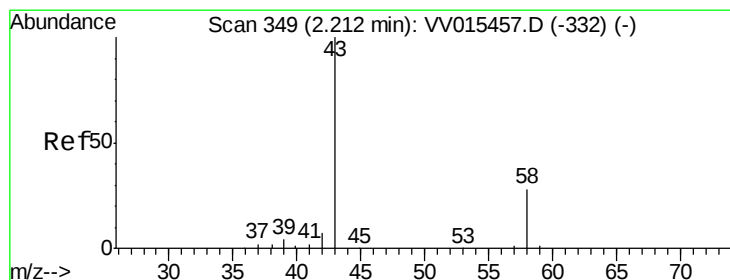
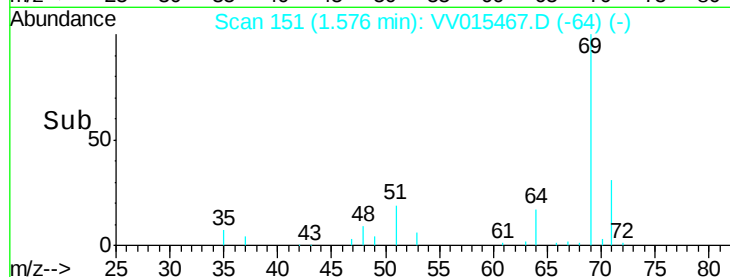
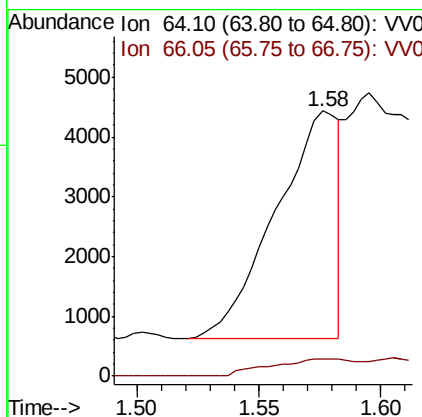
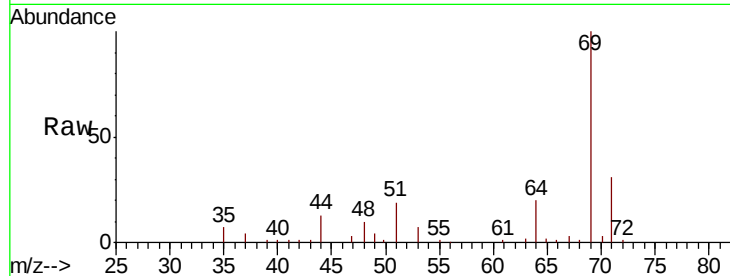




#8
 Chloroethane
 Concen: 1.122 ug/L
 RT: 1.58 min Scan# 151
 Delta R.T. -0.02 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

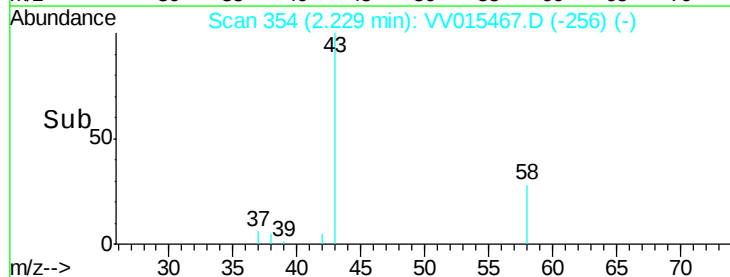
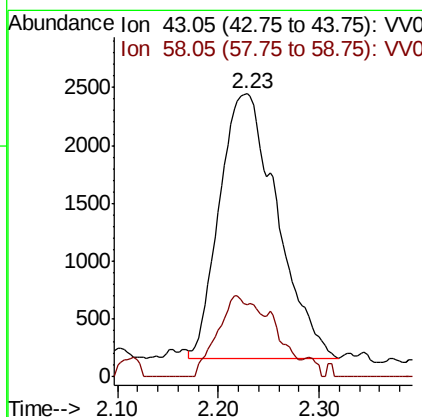
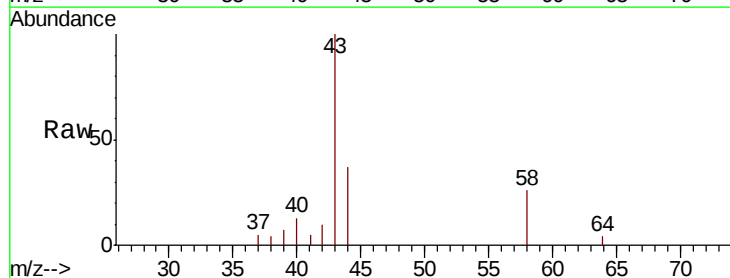
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ87

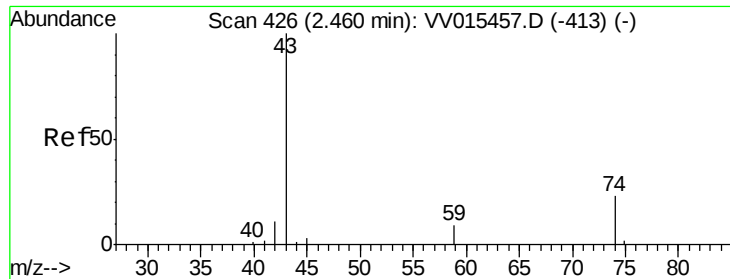
Tot Ion: 64 Resp: 6813
 Ion Ratio Lower Upper
 64 100
 66 6.3 22.3 41.5#



#13
 Acetone
 Concen: 7.607 ug/L
 RT: 2.23 min Scan# 354
 Delta R.T. 0.02 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

Tgt Ion: 43 Resp: 9029
 Ion Ratio Lower Upper
 43 100
 58 21.8 0.0 22.2

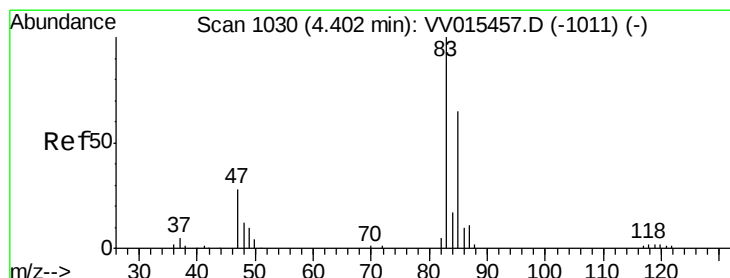
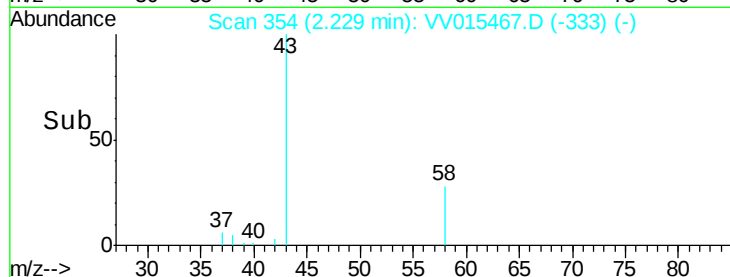
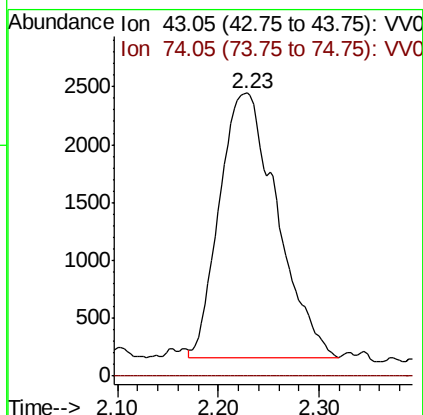
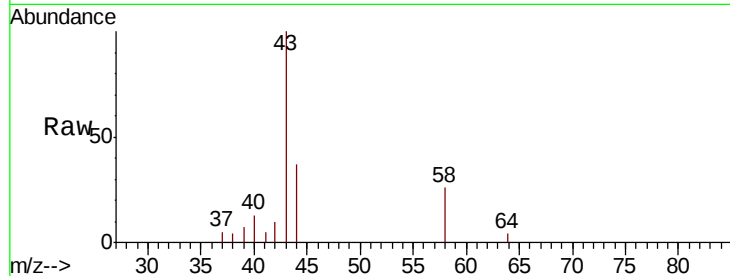




#15
Methvl Acetate
Concen: 2.571 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.23 min
Lab File: VV015467.D
Acq: 14 Apr 2020 17:39

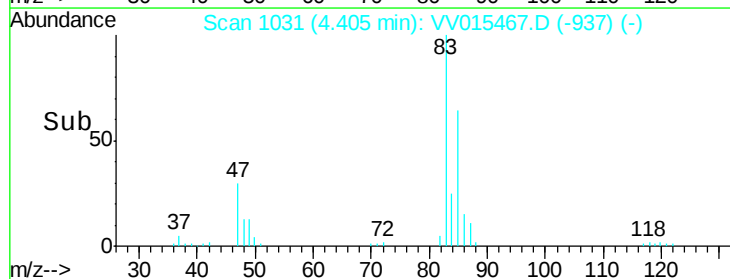
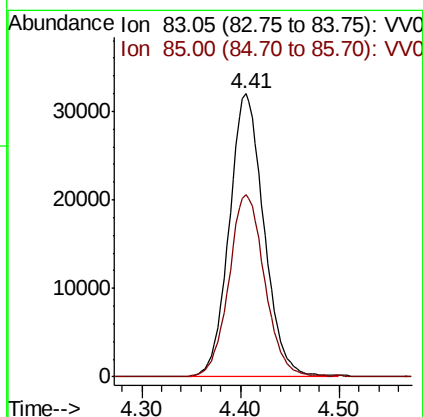
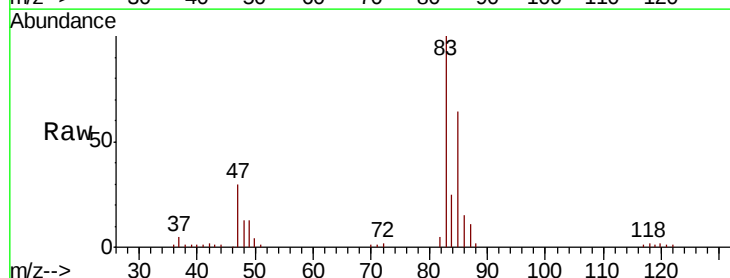
Instrument :
MSVOA_V
ClientSampled :
YAQ87

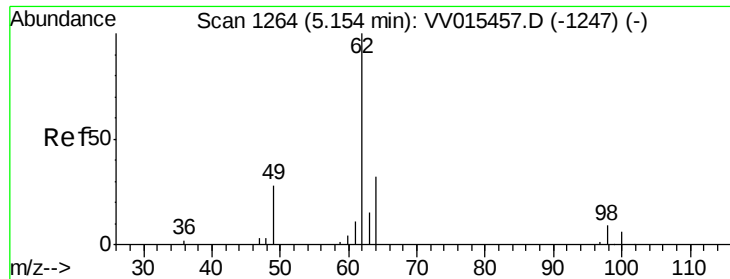
Tot Ion: 43 Resp: 9029
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 4.984 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015467.D
Acq: 14 Apr 2020 17:39

Tgt Ion: 83 Resp: 78428
Ion Ratio Lower Upper
83 100
85 64.2 45.9 85.3

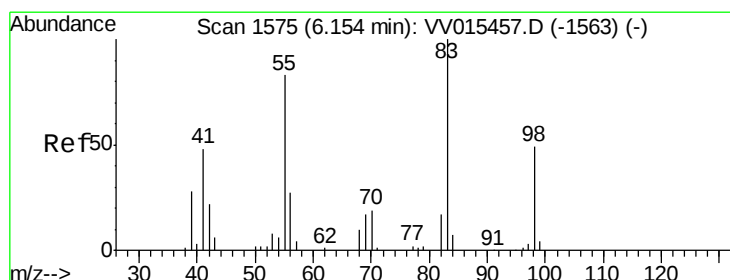
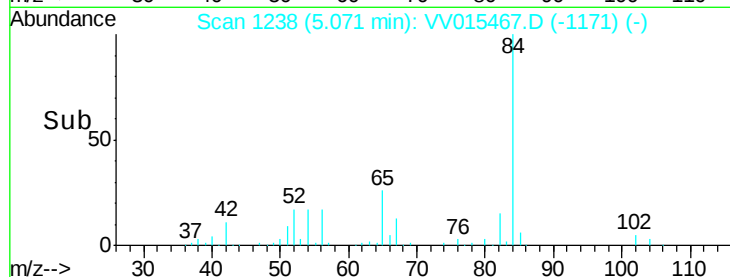
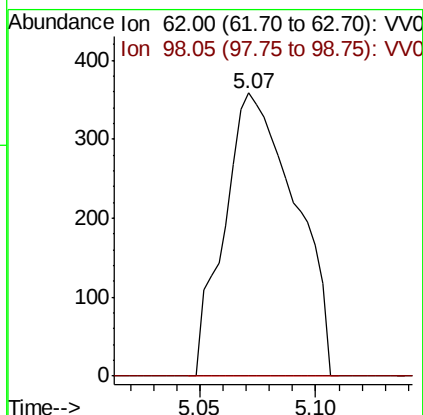
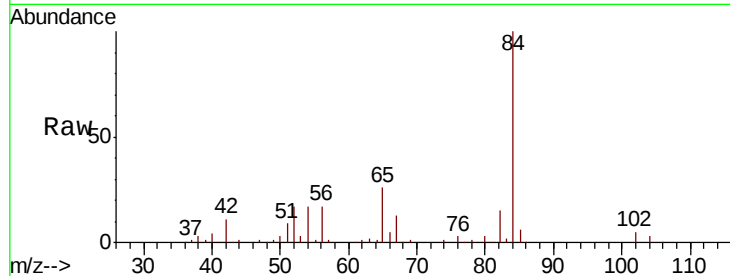




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

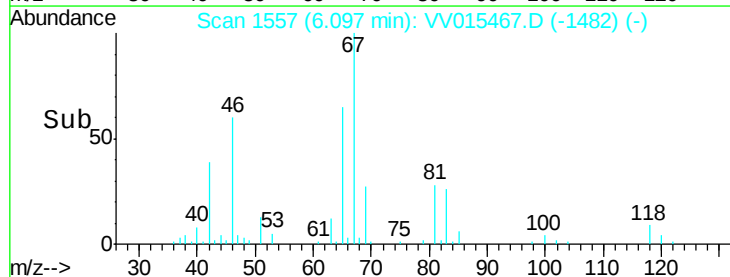
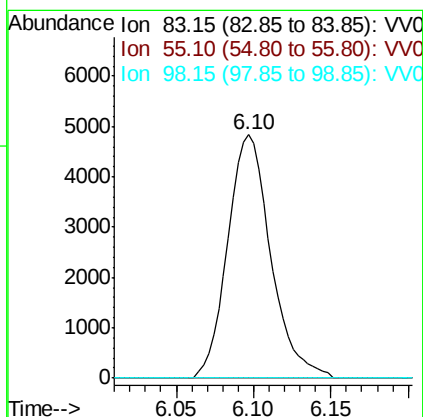
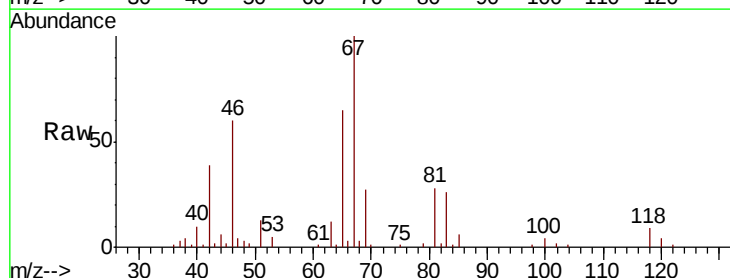
Instrument :
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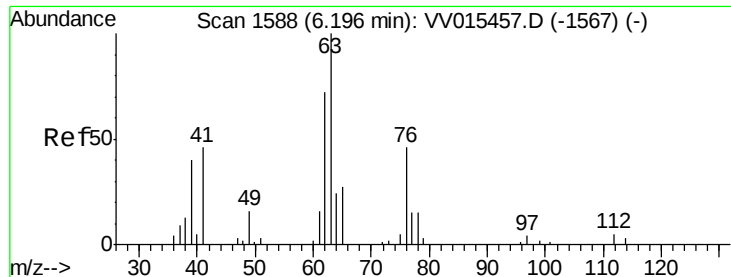
Tot Ion: 62 Resp: 761
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.639 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

Tgt Ion: 83 Resp: 9346
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.0 38.7 58.1#

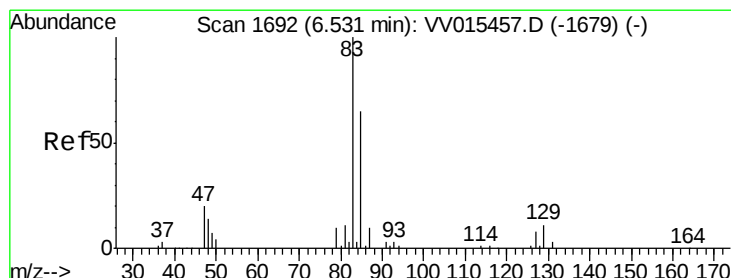
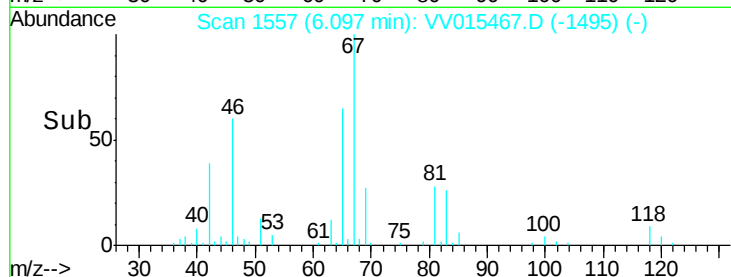
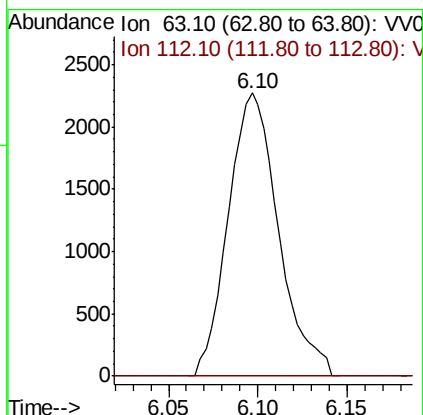
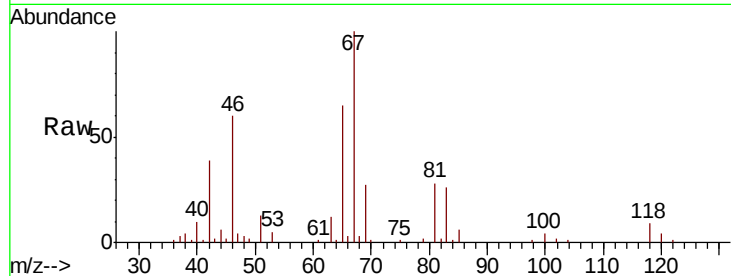




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

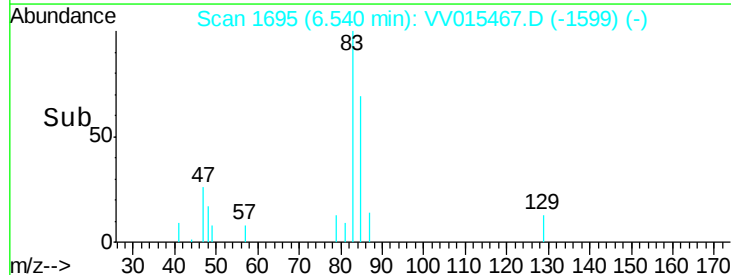
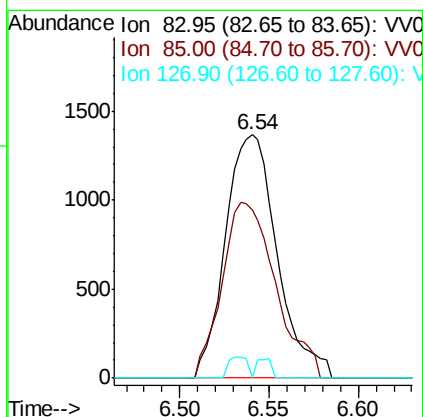
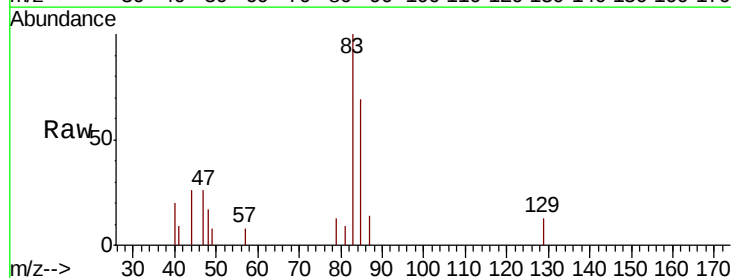
Instrument :
 MSVOA_V
 ClientSampled :
 YAQ87

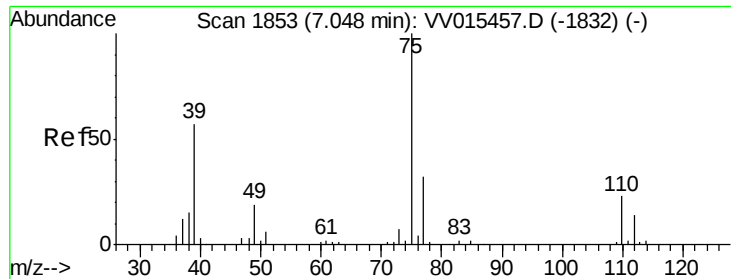
Tot Ion: 63 Resp: 4469
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.258 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV015467.D
 Acq: 14 Apr 2020 17:39

Tgt Ion: 83 Resp: 2759
 Ion Ratio Lower Upper
 83 100
 85 69.2 42.6 79.2
 127 0.0 6.6 9.8#



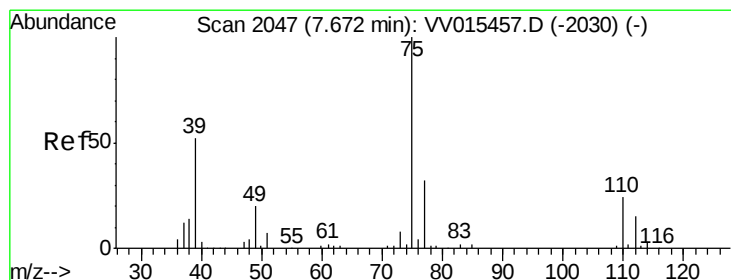
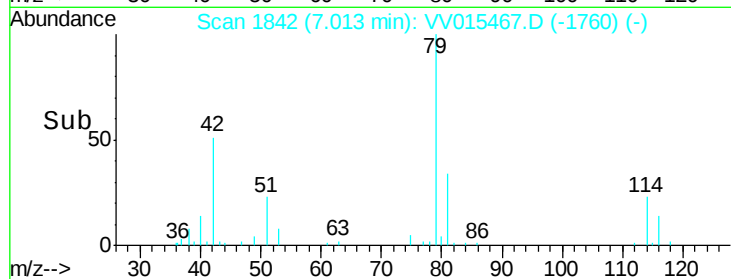
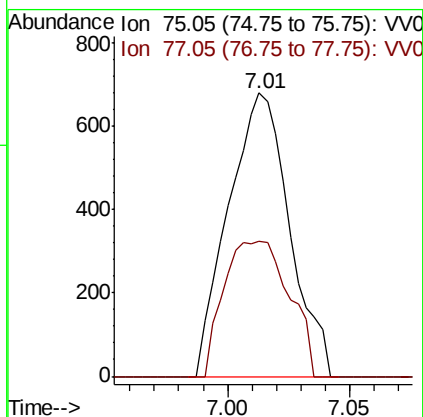
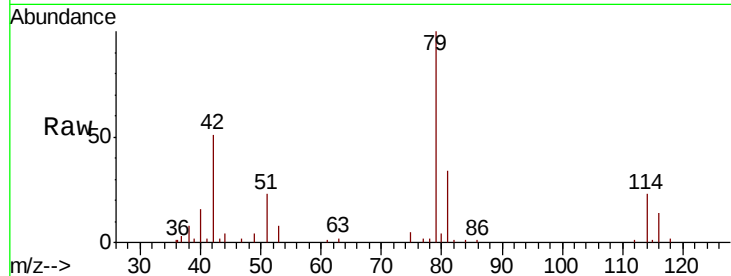


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015467.D
Acq: 14 Apr 2020 17:39

Instrument :
MSVOA_V
ClientSampleId :
YAQ87

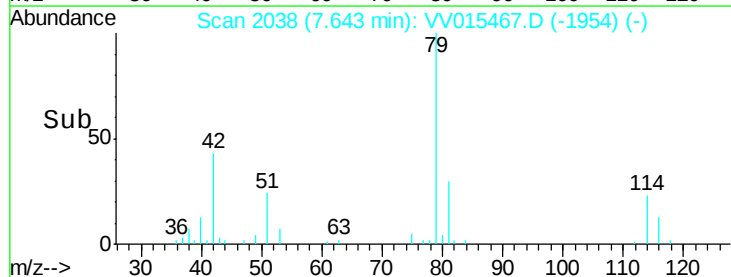
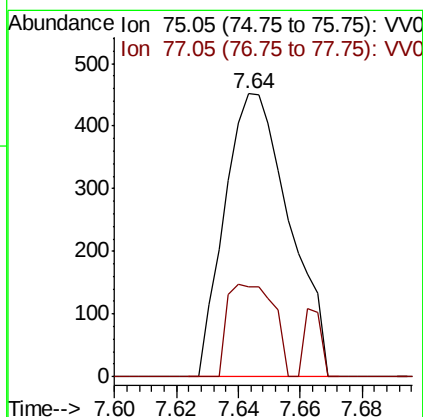
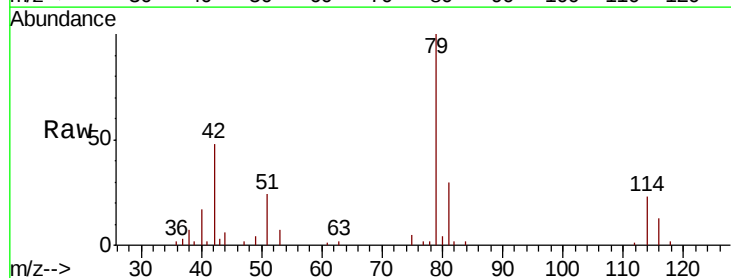
Tot Ion: 75 Resp: 1175
Ion Ratio Lower Upper
75 100
77 47.9 23.0 42.6#

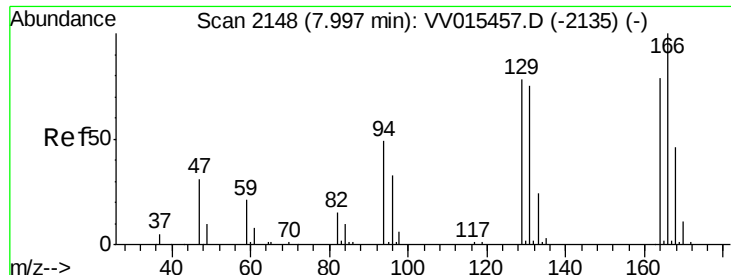


#44

trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015467.D
Acq: 14 Apr 2020 17:39

Tgt Ion: 75 Resp: 660
Ion Ratio Lower Upper
75 100
77 31.6 21.0 39.0





#47

Tetrachloroethene

Concen: 6.381 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015467.D

Acq: 14 Apr 2020 17:39

Instrument :
MSVOA_V
ClientSampleId :
YAQ87

Tot Ion:164 Resp: 41067

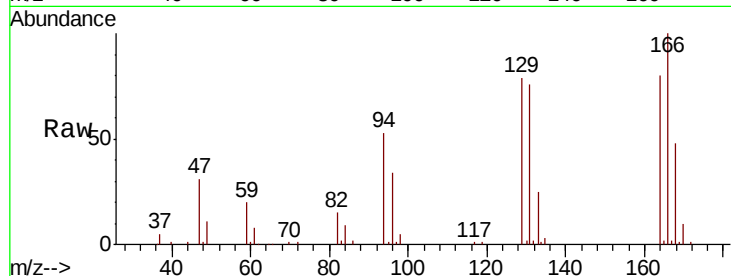
Ion Ratio Lower Upper

164 100

129 98.0 70.6 131.0

131 94.5 68.3 126.8

166 124.3 88.3 163.9

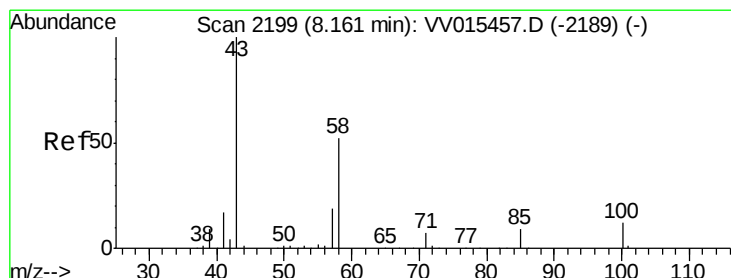
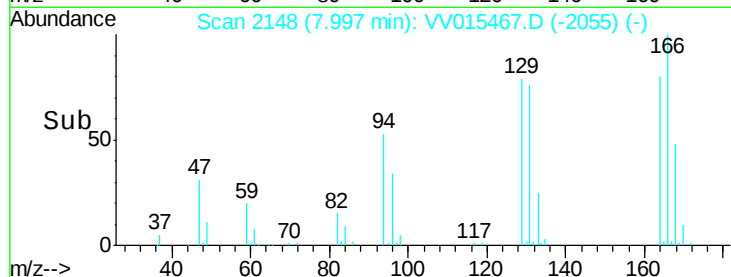
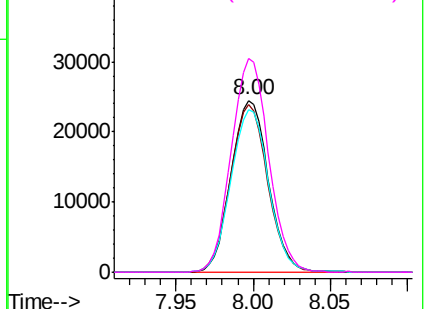


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.606 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015467.D

Acq: 14 Apr 2020 17:39

Tgt Ion: 43 Resp: 9569

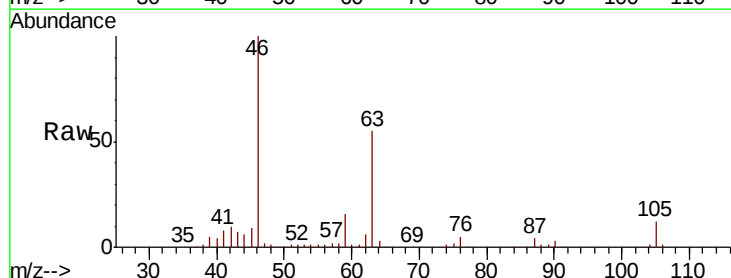
Ion Ratio Lower Upper

43 100

58 34.2 41.4 62.0#

57 22.5 15.0 22.4#

100 0.0 9.4 14.2#

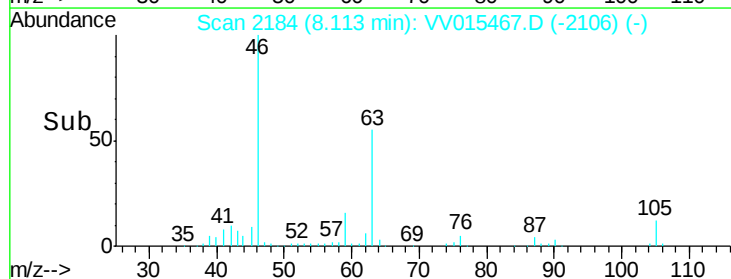
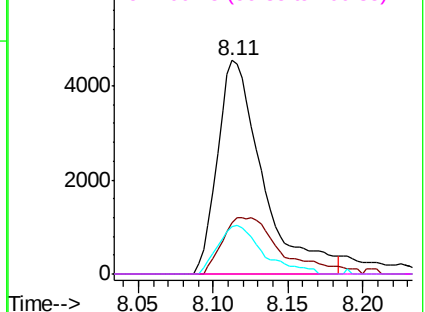


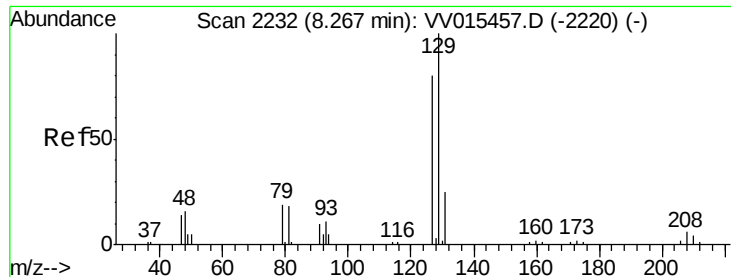
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 6.079 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015467.D

Acq: 14 Apr 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

YAQ87

Tot Ion:129 Resp: 39182

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

