

Data File : VV012259.D
Acq On : 15 Aug 2019 20:22
Operator : SY/MD
Sample : K4373-06 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Quant Time: Aug 16 04:25:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182993	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	78881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40268	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.58	69	31779	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.13	63	63025	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.96	46	124709	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	4.40	84	105363	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	52734	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	207260	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	60004	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	180503	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	22347	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	78858	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44385	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	70464	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

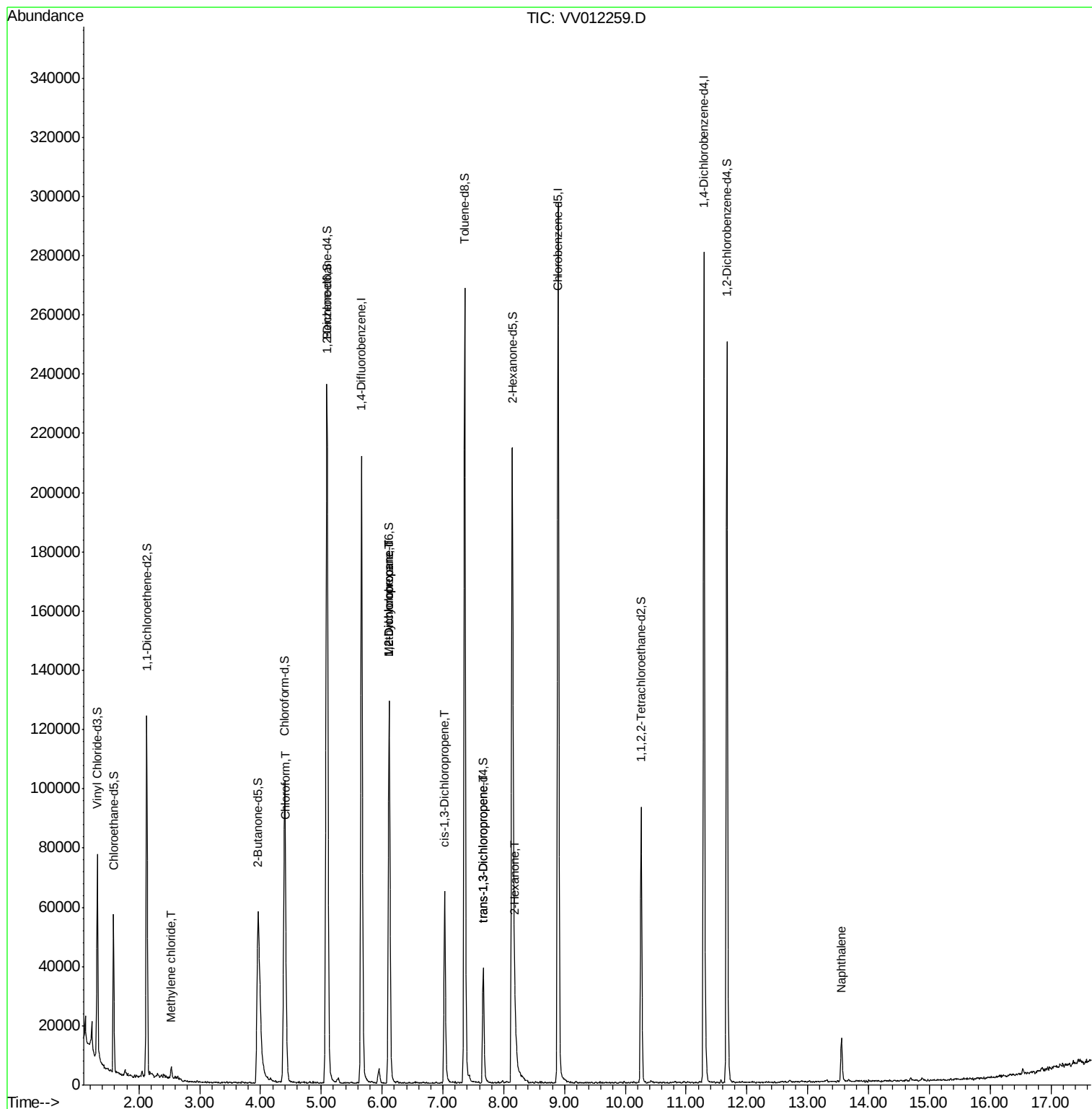
						Qvalue
16) Methylene chloride	2.54	84	1348	0.130	ug/L	87
25) Chloroform	4.42	83	4382	0.164	ug/L	87
35) Methylcyclohexane	6.12	83	15485	0.702	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6503	0.497	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1803	0.100	ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	1082	0.076	ug/L	95
48) 2-Hexanone	8.19	43	10976	2.166	ug/L #	94
69) Naphthalene	13.56	128	13362	0.627	ug/L	98

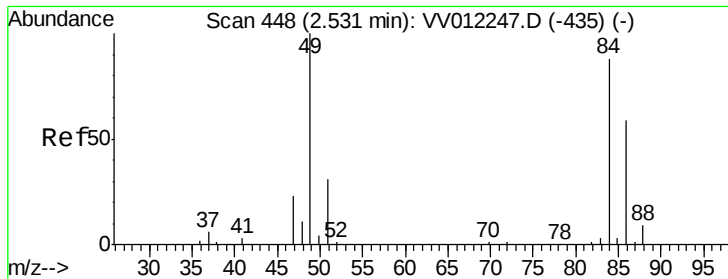
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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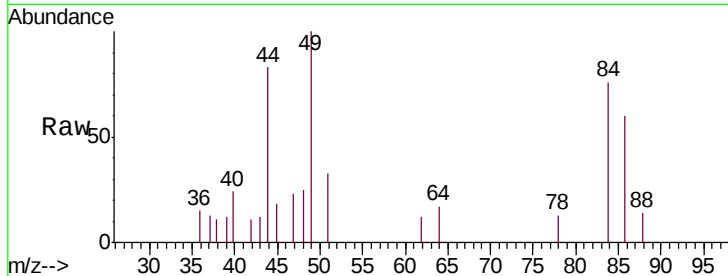




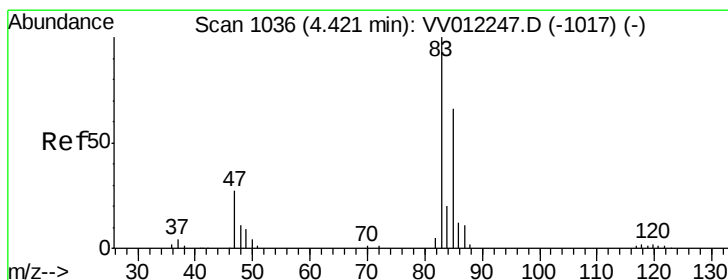
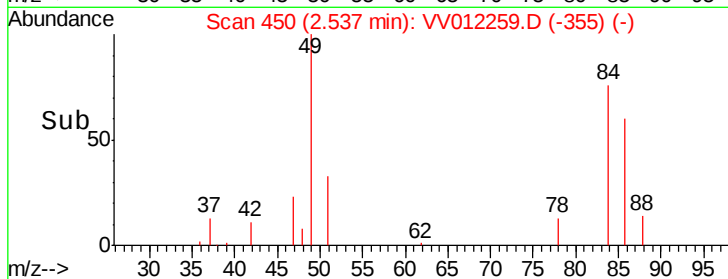
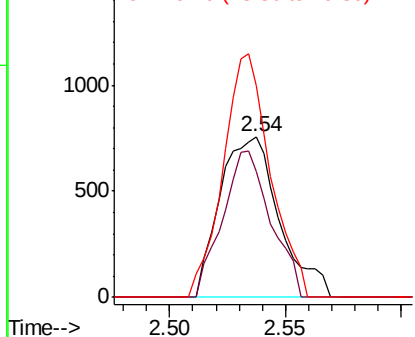
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Instrument :
MSVOA_V
ClientSampled :
C0AF4

Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
86 78.6 44.4 82.5
49 131.7 85.1 158.1

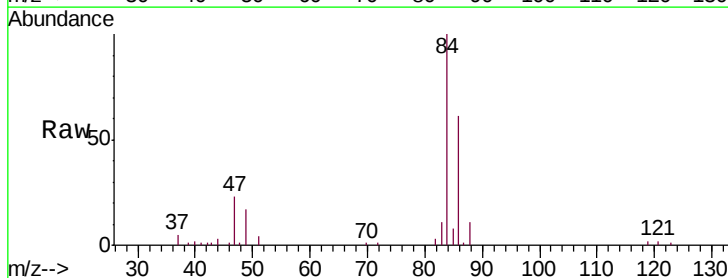


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

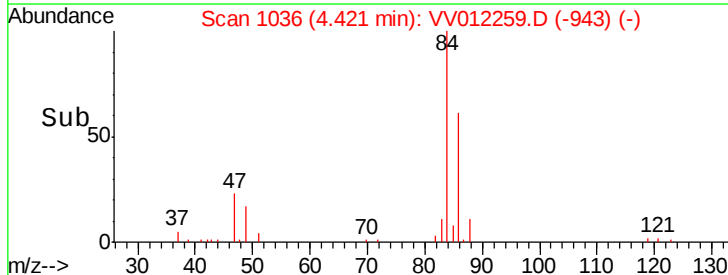
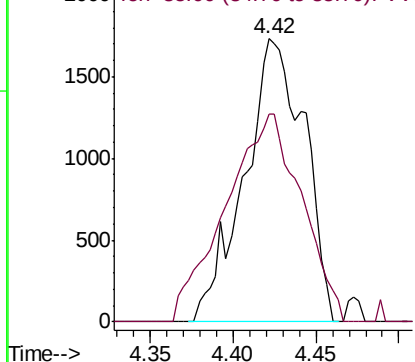


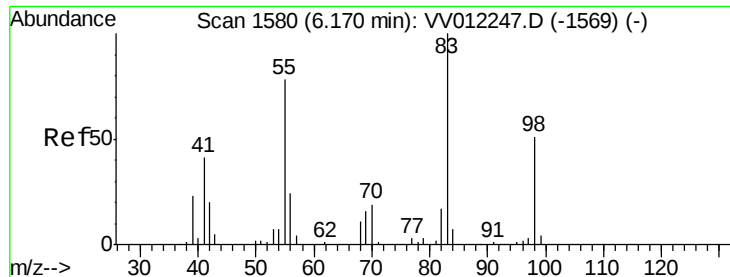
#25
Chloroform
Concen: 0.164 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Tgt Ion: 83 Resp: 4382
Ion Ratio Lower Upper
83 100
85 73.6 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

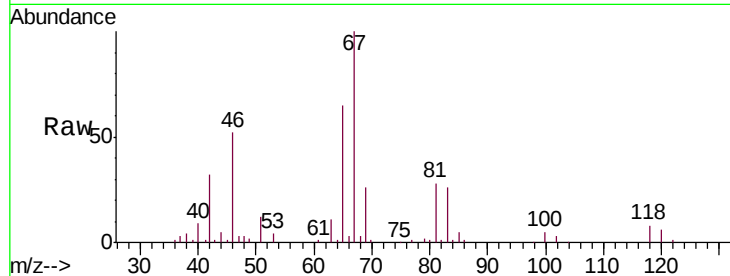




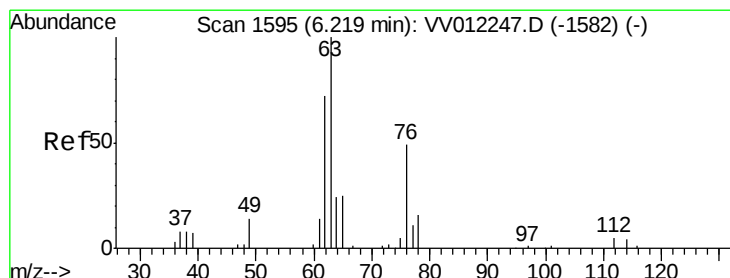
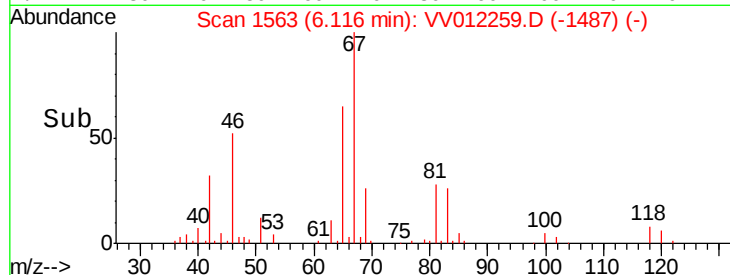
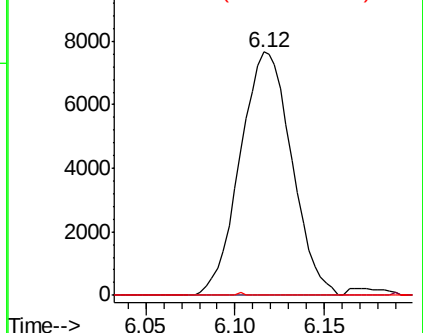
#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion: 83 Resp: 15485
Ion Ratio Lower Upper
83 100
55 0.1 62.2 93.2#
98 6.9 39.2 58.8#

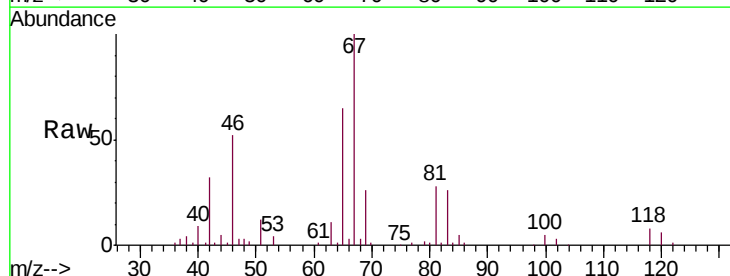


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

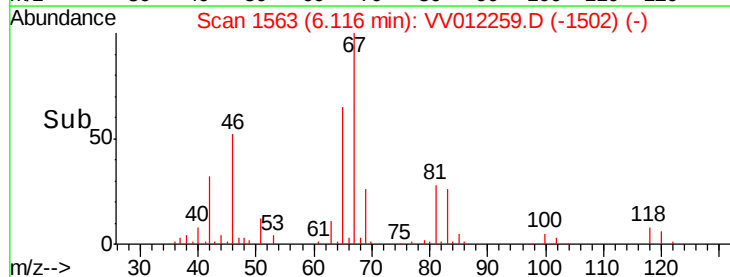
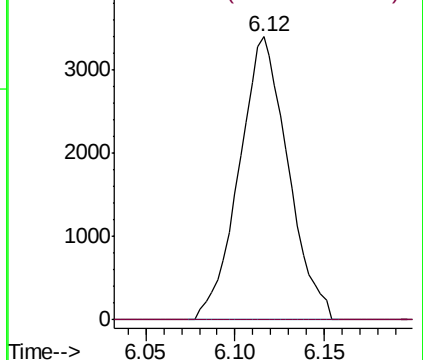


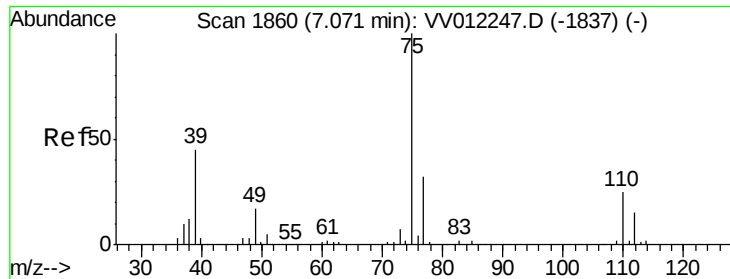
#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Tgt Ion: 63 Resp: 6503
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

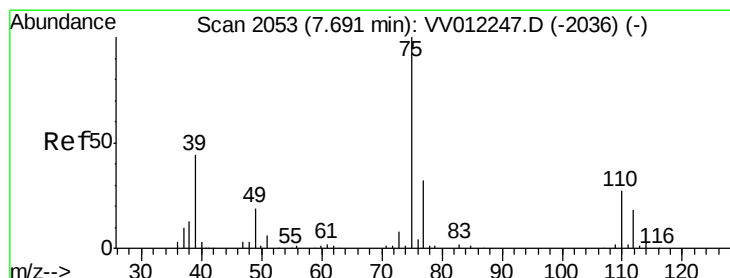
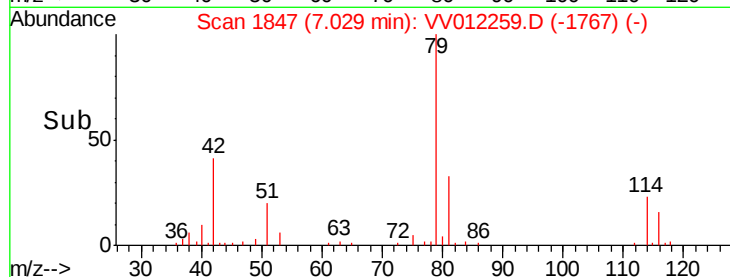
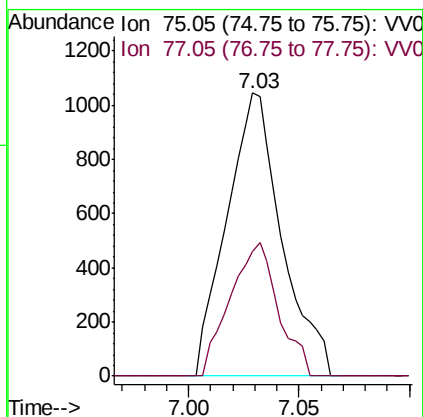
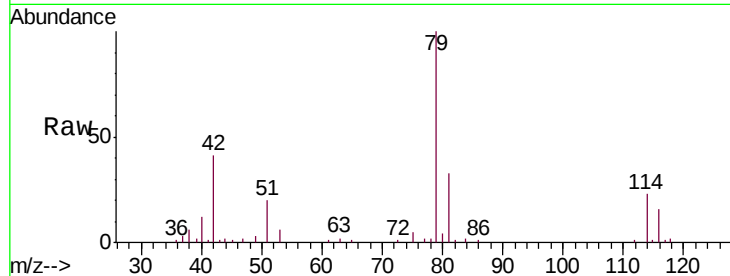




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012259.D
 Acq: 15 Aug 2019 20:22

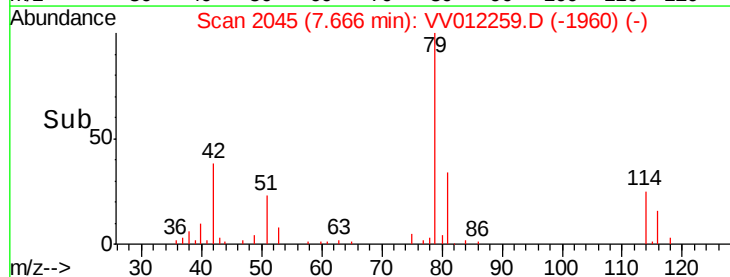
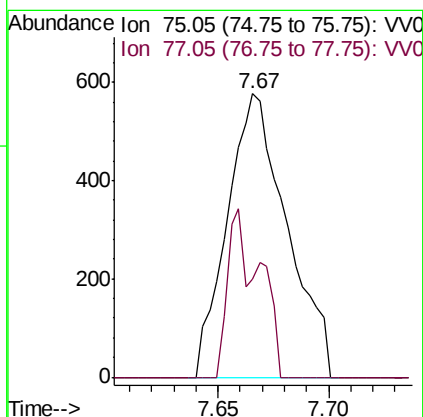
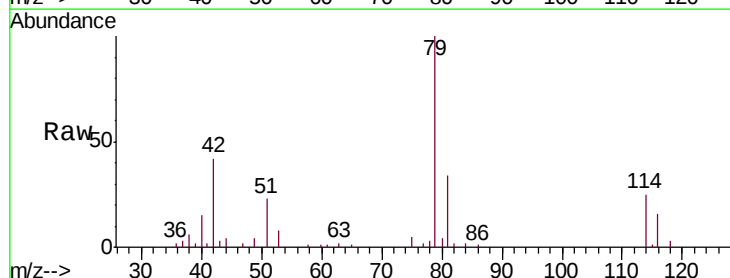
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 MSVOA_V
 ClientSampleId :
 C0AF4

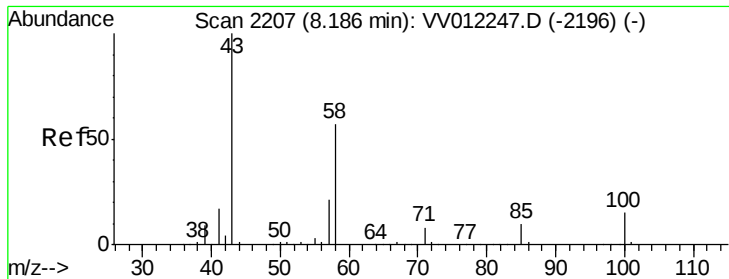
Tgt Ion: 75 Resp: 1803
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012259.D
 Acq: 15 Aug 2019 20:22

Tgt Ion: 75 Resp: 1082
 Ion Ratio Lower Upper
 75 100
 77 34.7 22.5 41.7

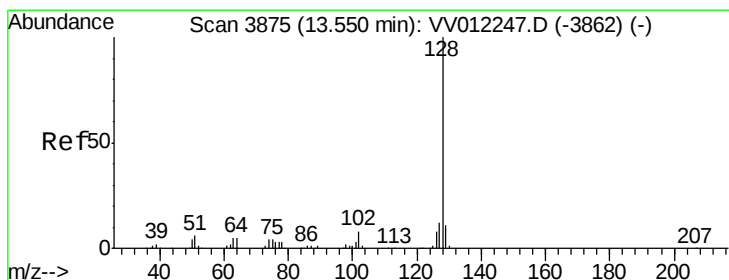
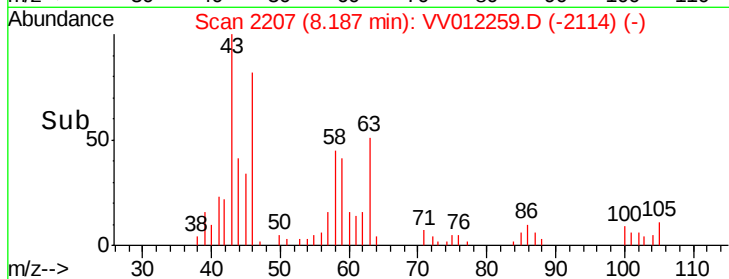
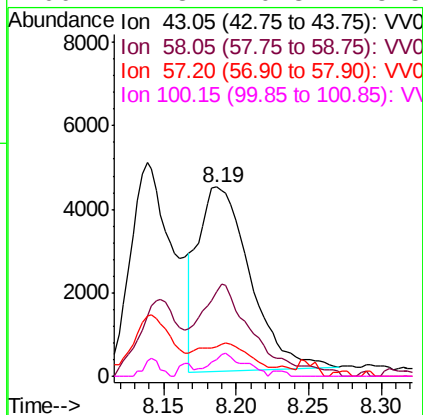
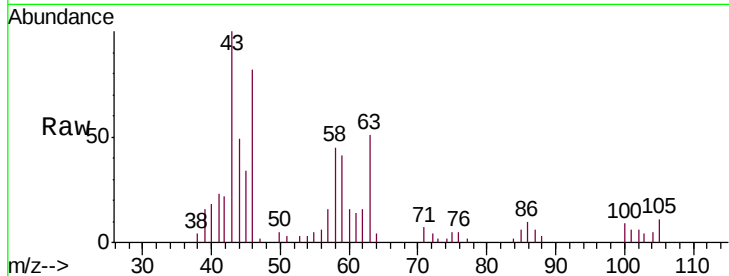




#48
2-Hexanone
Concen: 2.166 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Instrument :
MSVOA_V
ClientSampled :
C0AF4

Tgt Ion: 43 Resp: 10976
Ion Ratio Lower Upper
43 100
58 52.3 43.0 64.4
57 12.9 14.9 22.3#
100 7.8 10.3 15.5#



#69
Naphthalene
Concen: 0.627 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012259.D
Acq: 15 Aug 2019 20:22

Tgt Ion: 128 Resp: 13362
Ion Ratio Lower Upper
128 100
129 9.6 8.6 12.8
127 12.9 10.1 15.1

