

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007001.D
 Acq On : 13 Aug 2018 12:33
 Operator : SY/MD
 Sample : J4422-19
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 05:36:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61560	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	57280	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.13	63	82696	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.97	46	215155	47.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	4.40	84	142181	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	75237	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	259153	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	93454	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	190847	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.67	79	28641	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.15	63	98274	33.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70317	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	74847	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

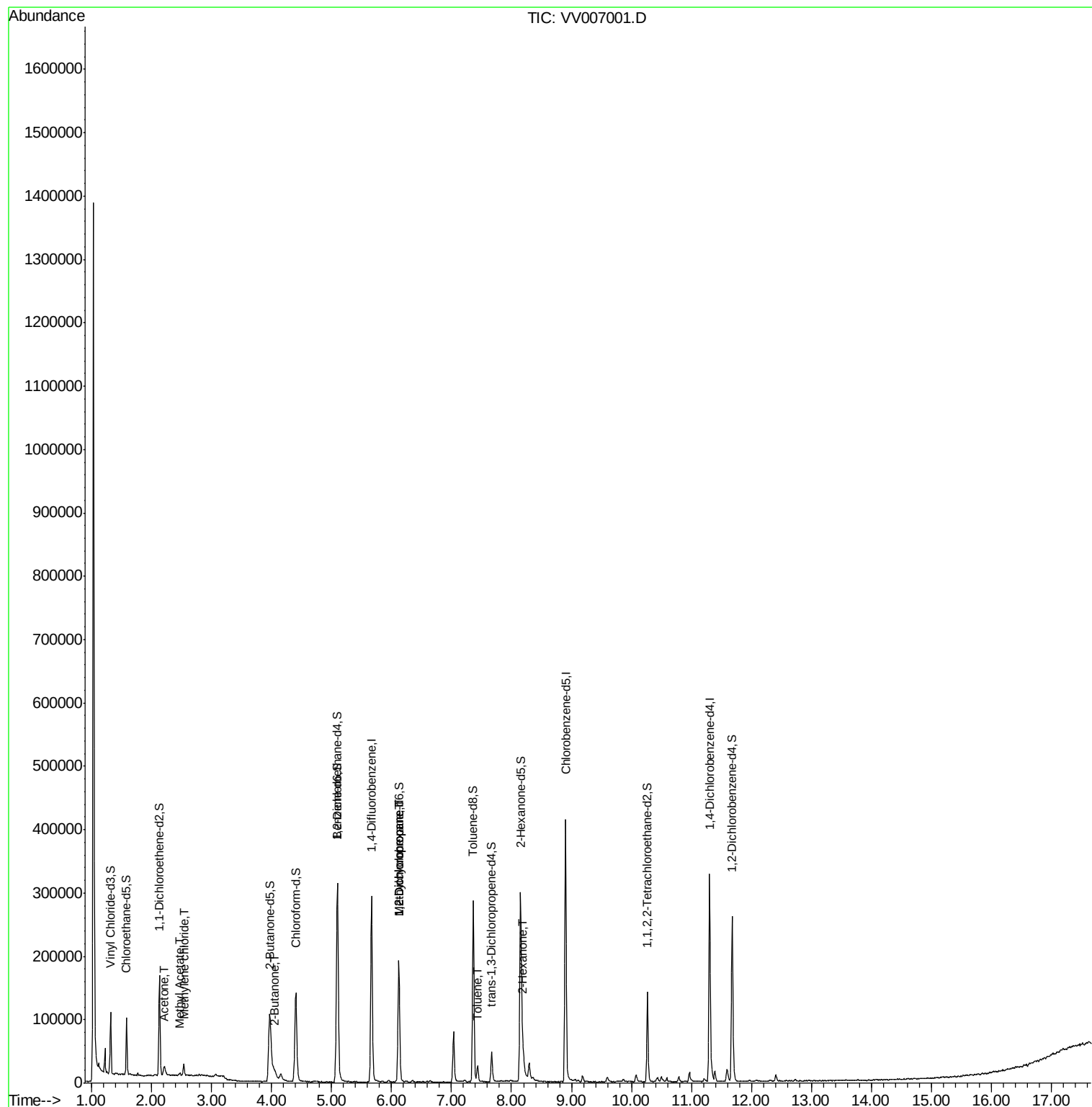
					Ovalue
13) Acetone	2.21	43	23595	10.100	ug/L 100
15) Methyl Acetate	2.47	43	4074	0.620	ug/L 98
16) Methylene chloride	2.54	84	7549	0.357	ug/L 97
21) 2-Butanone	4.07	43	11519	2.271	ug/L 97
35) Methylcyclohexane	6.12	83	21299	0.690	ug/L # 15
37) 1,2-Dichloropropane	6.12	63	9977	0.454	ug/L # 89
42) Toluene	7.44	91	17213	0.223	ug/L 88
48) 2-Hexanone	8.20	43	14928	1.784	ug/L # 74

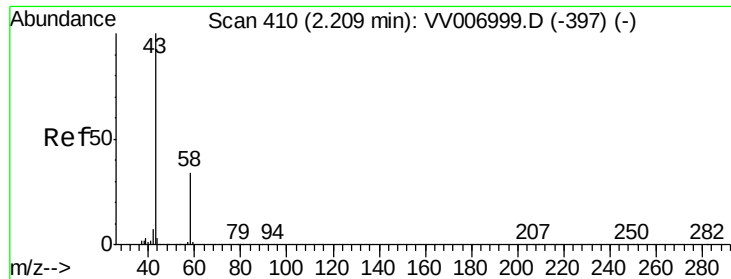
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.100 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.00 min

Lab File: VV007001.D

Acq: 13 Aug 2018 12:33

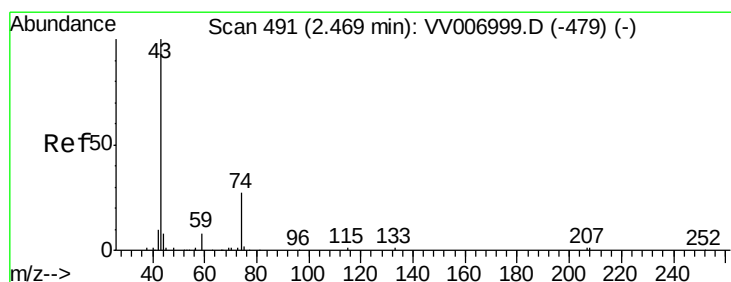
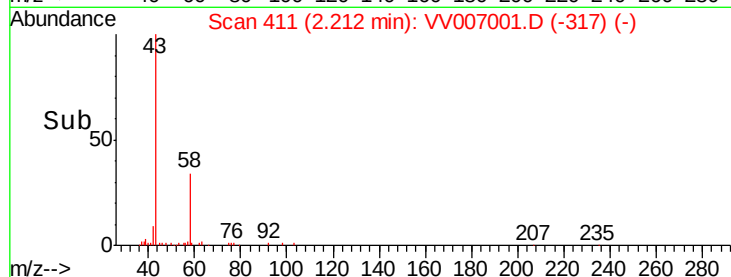
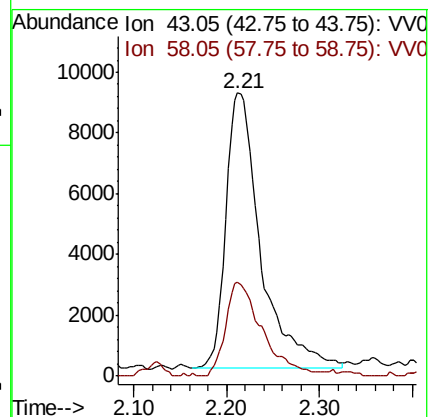
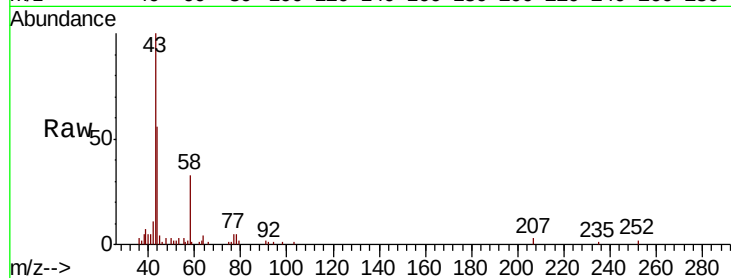
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 23595

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.4



#15

Methyl Acetate

Concen: 0.620 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV007001.D

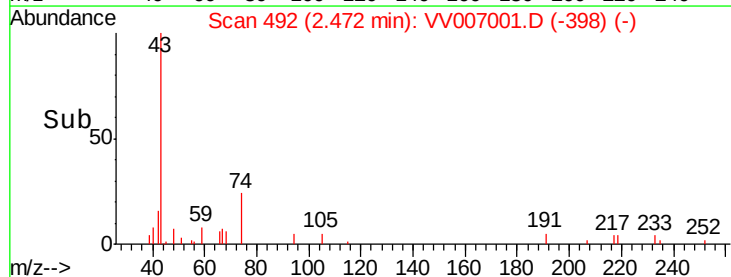
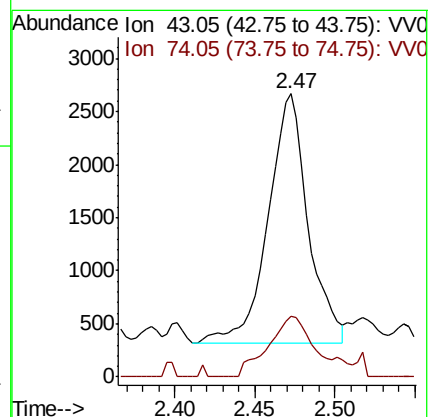
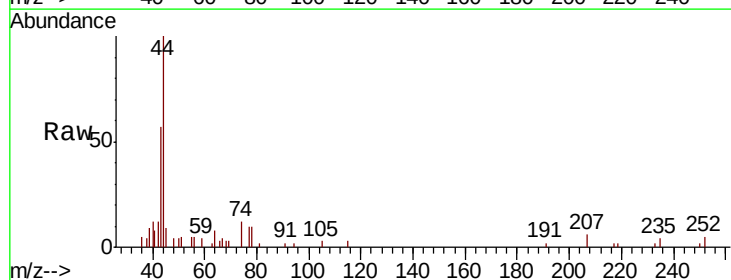
Acq: 13 Aug 2018 12:33

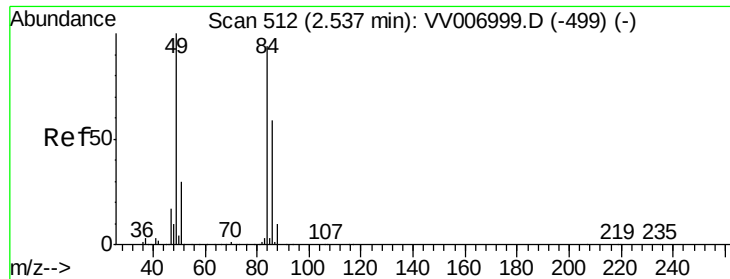
Tgt Ion: 43 Resp: 4074

Ion Ratio Lower Upper

43 100

74 29.8 24.6 37.0

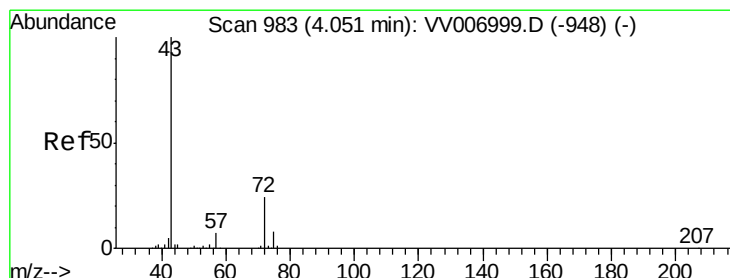
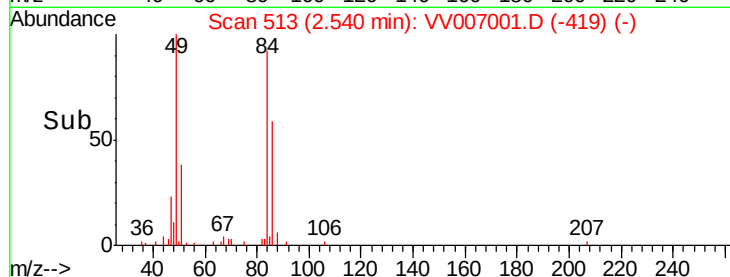
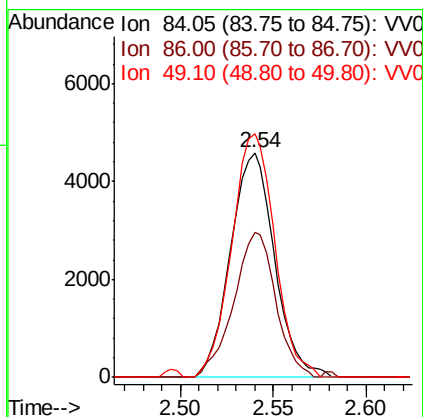
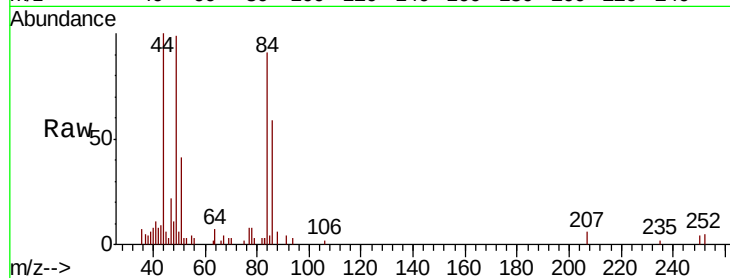




#16
Methylene chloride
Concen: 0.357 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007001.D
Acq: 13 Aug 2018 12:33

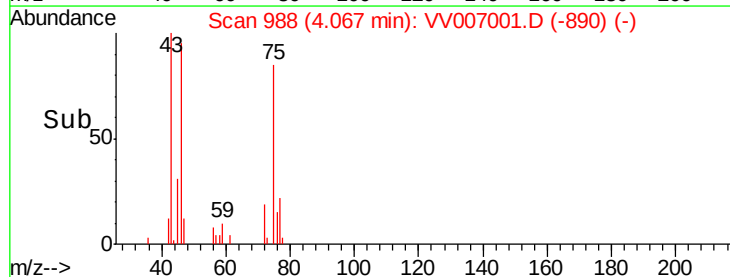
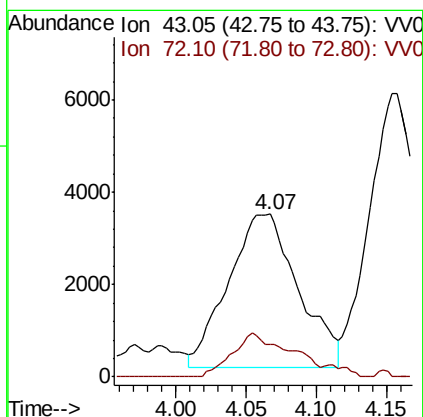
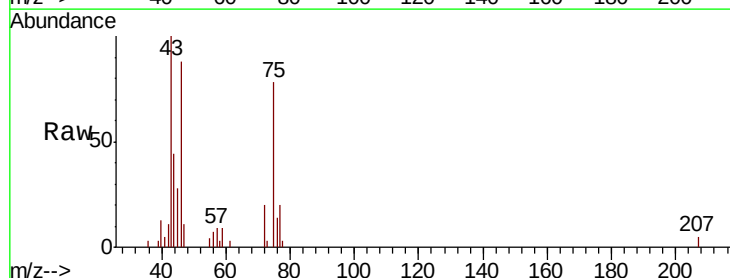
Instrument :
MSVOA_V
ClientSampleId :

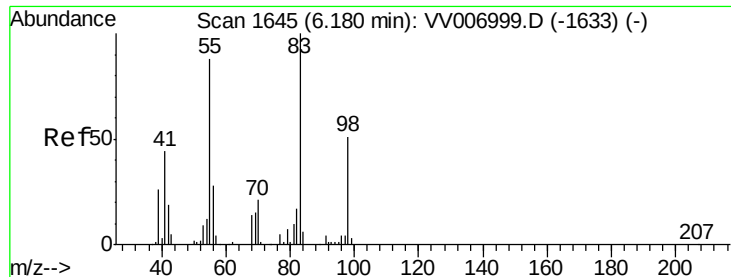
Tot Ion: 84 Resp: 7549
Ion Ratio Lower Upper
84 100
86 64.4 45.7 84.9
49 108.5 78.8 146.4



#21
2-Butanone
Concen: 2.271 ug/L
RT: 4.07 min Scan# 988
Delta R.T. 0.02 min
Lab File: VV007001.D
Acq: 13 Aug 2018 12:33

Tgt Ion: 43 Resp: 11519
Ion Ratio Lower Upper
43 100
72 23.4 12.4 37.2

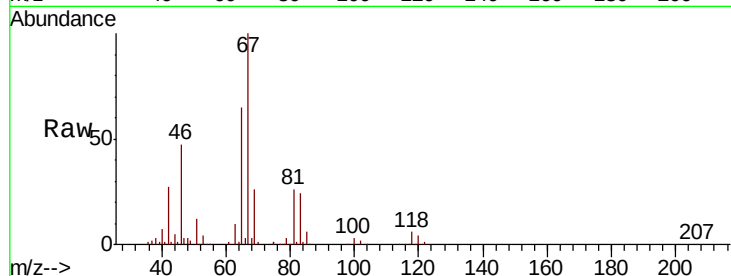




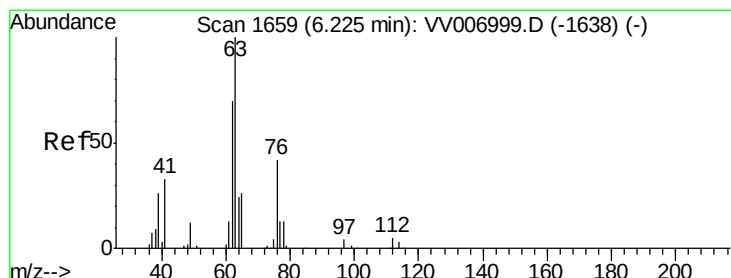
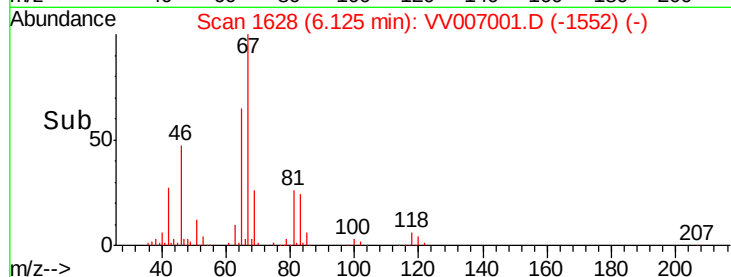
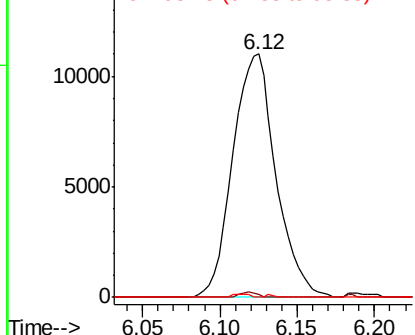
#35
Methvlcvclohexane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007001.D
Acq: 13 Aug 2018 12:33

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 21299
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.2 37.9 56.9#

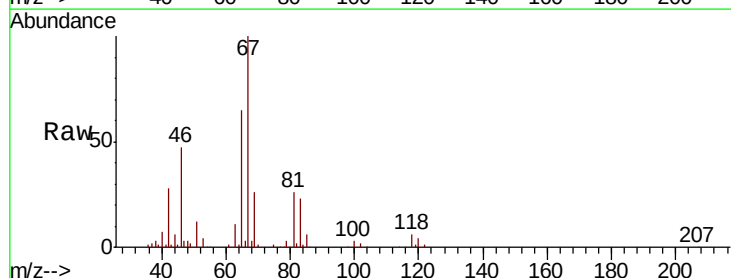


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

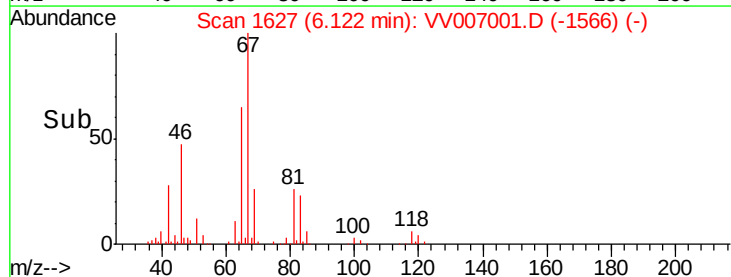
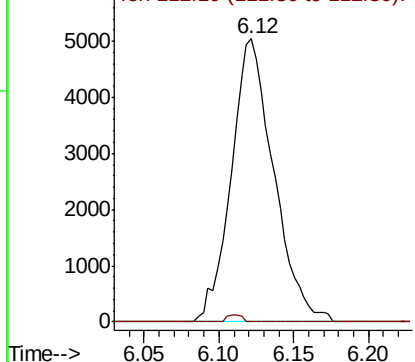


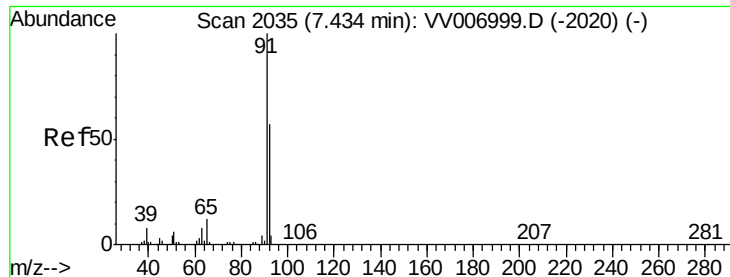
#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VV007001.D
Acq: 13 Aug 2018 12:33

Tgt Ion: 63 Resp: 9977
Ion Ratio Lower Upper
63 100
112 0.9 3.5 5.3#



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





#42

Toluene

Concen: 0.223 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007001.D

Acq: 13 Aug 2018 12:33

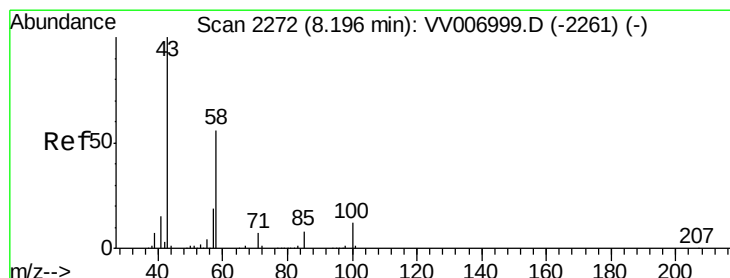
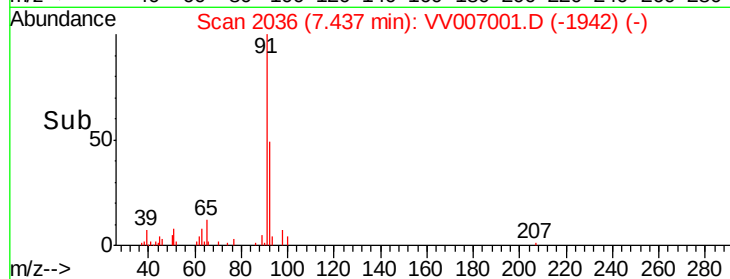
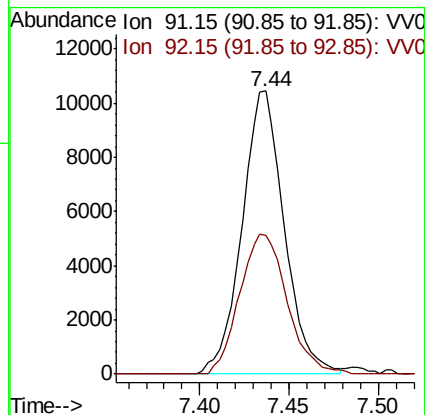
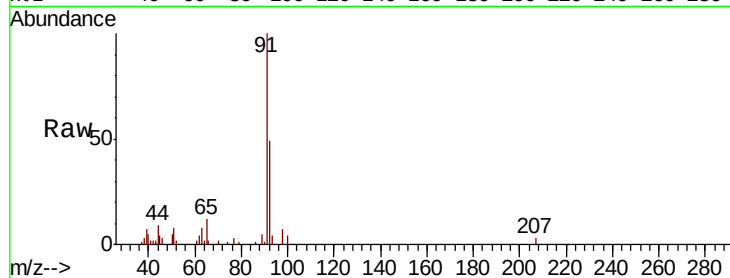
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 17213

Ion Ratio Lower Upper

91 100

92 48.8 40.2 74.6



#48

2-Hexanone

Concen: 1.784 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007001.D

Acq: 13 Aug 2018 12:33

Tgt Ion: 43 Resp: 14928

Ion Ratio Lower Upper

43 100

58 37.2 44.2 66.2#

57 0.0 14.8 22.2#

100 7.6 8.8 13.2#

