

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006957.D
 Acq On : 09 Aug 2018 18:13
 Operator : SY/MD
 Sample : J4357-20DL 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:35:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	231958	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72822	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	63237	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	99016	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.98	46	208707	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.40	84	148477	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	80414	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	285394	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	99498	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.37	98	210286	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	30385	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.15	63	115494	41.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70597	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	76801	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

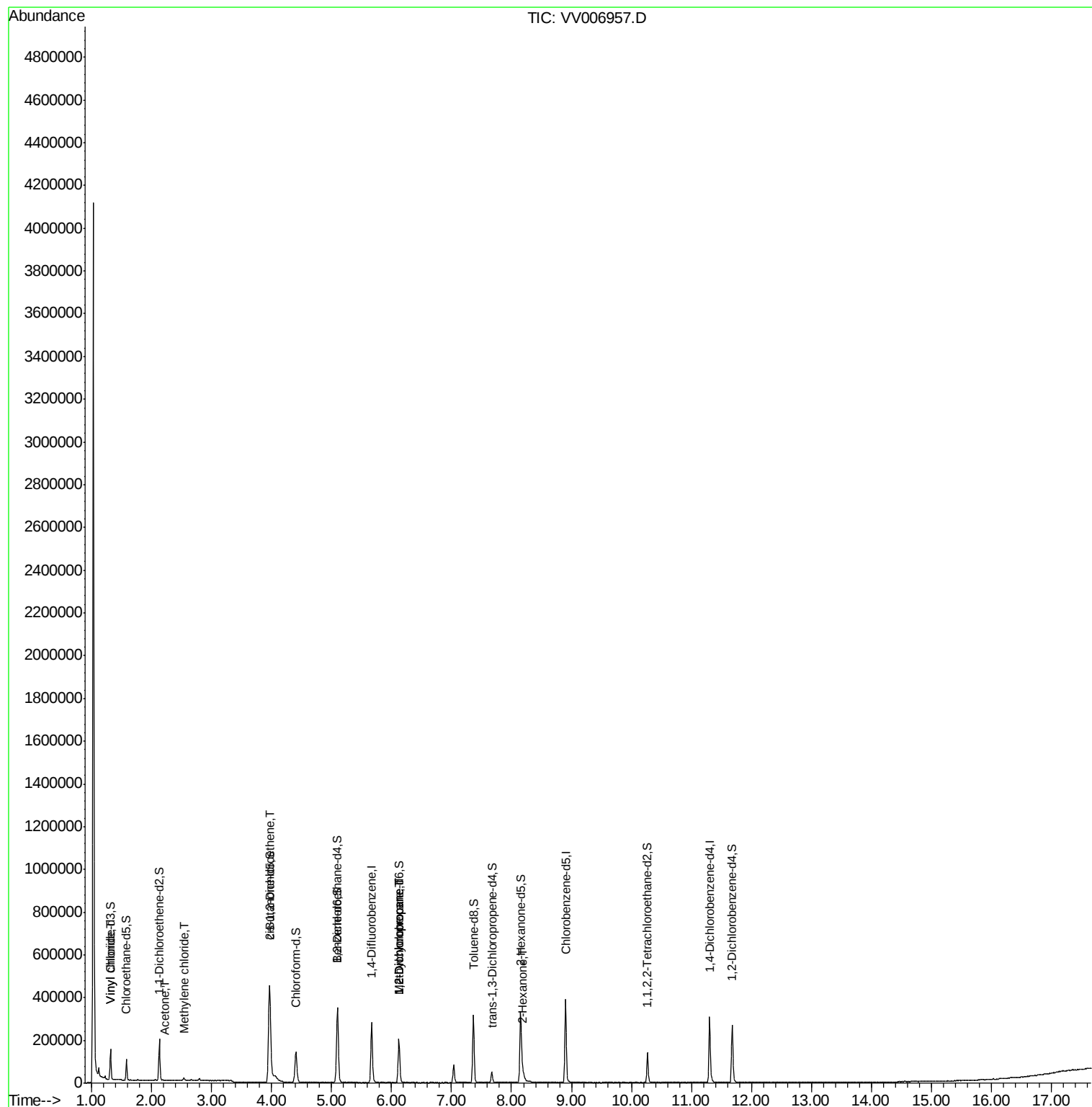
					Ovalue
5) Vinyl chloride	1.32	62	18417	0.820 ug/L	95
13) Acetone	2.22	43	882	0.398 ug/L	77
16) Methylene chloride	2.54	84	4672	0.233 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	206285	10.192 ug/L	98
35) Methylcyclohexane	6.12	83	23284	0.789 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10727	0.511 ug/L #	89
48) 2-Hexanone	8.20	43	12105	1.514 ug/L #	81

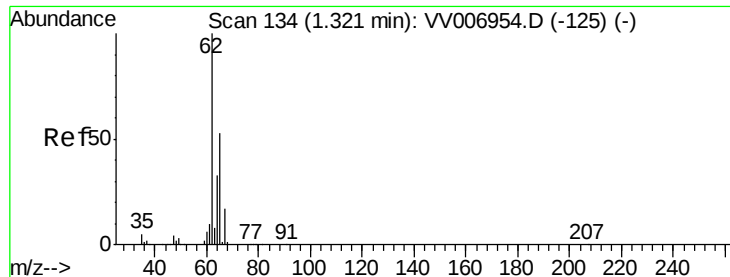
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 02:34:57 2018
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#5

Vinyl chloride

Concen: 0.820 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV006957.D

Acq: 09 Aug 2018 18:13

Instrument :

MSVOA_V

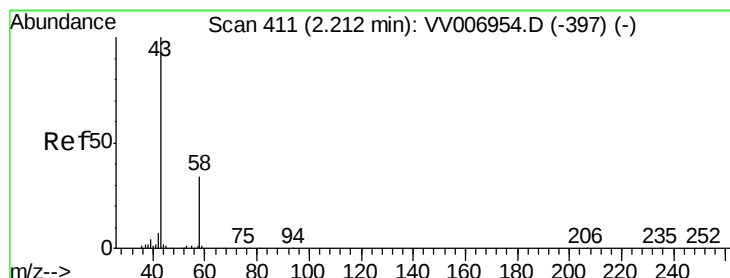
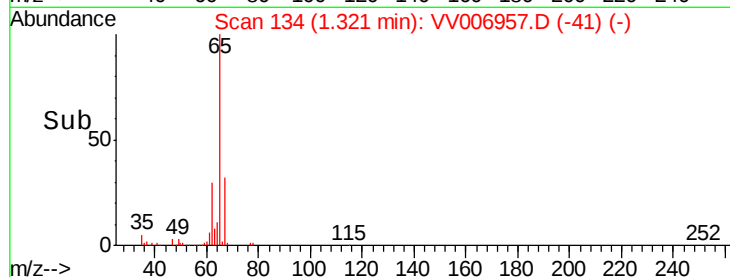
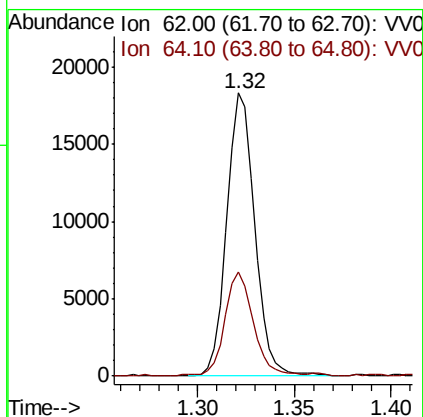
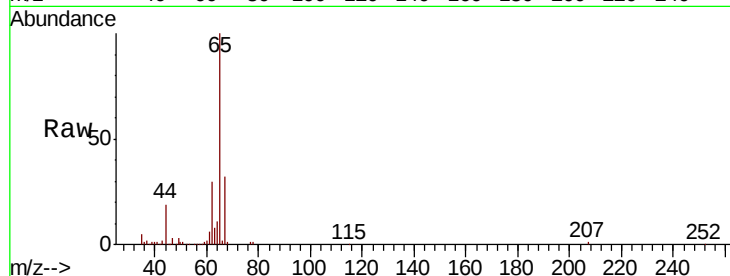
ClientSampled :

Tot Ion: 62 Resp: 18417

Ion Ratio Lower Upper

62 100

64 36.6 23.5 43.7



#13

Acetone

Concen: 0.398 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV006957.D

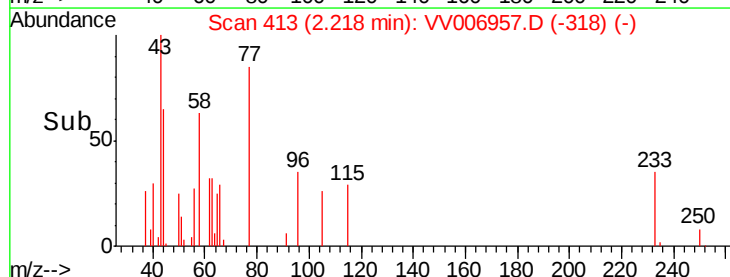
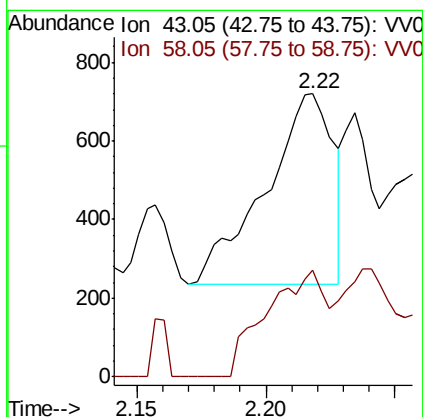
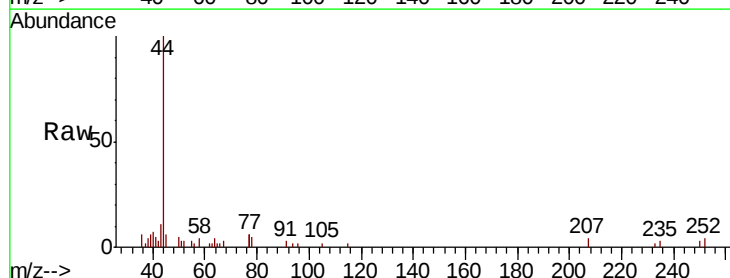
Acq: 09 Aug 2018 18:13

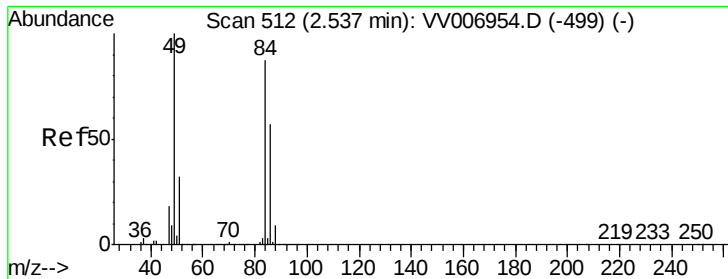
Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

58 49.1 0.0 71.4

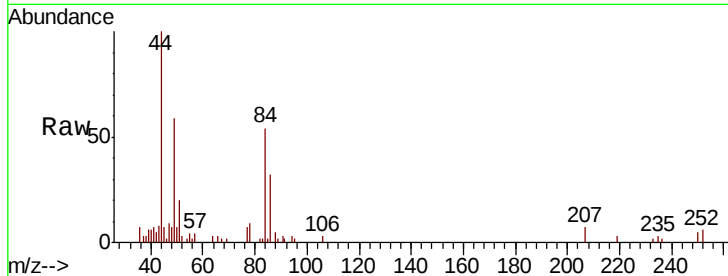




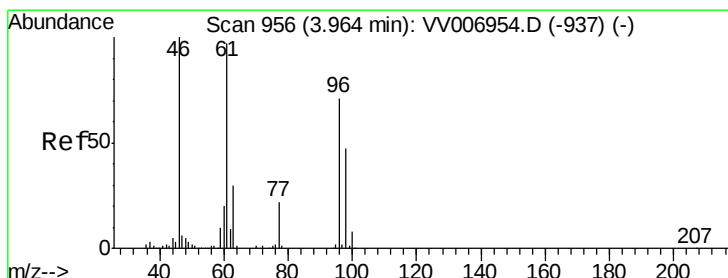
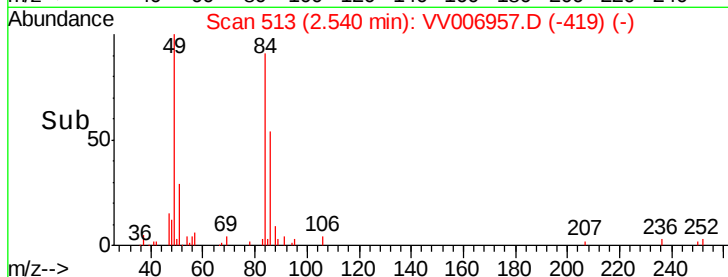
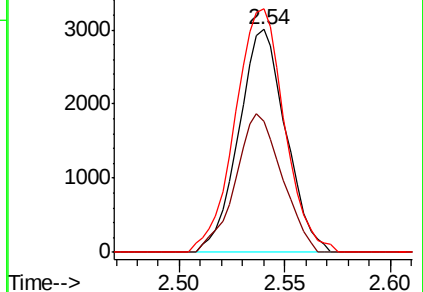
#16
Methvlene chloride
Concen: 0.233 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006957.D
Acq: 09 Aug 2018 18:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4672
Ion Ratio Lower Upper
84 100
86 58.6 45.7 84.9
49 109.4 78.8 146.4

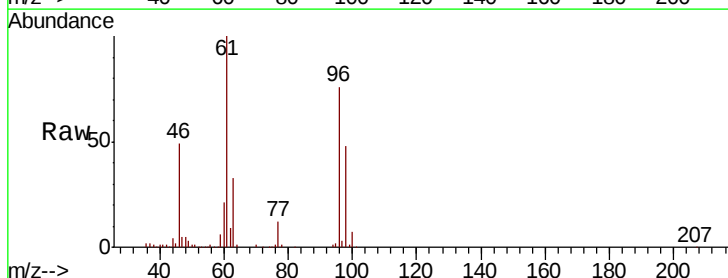


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

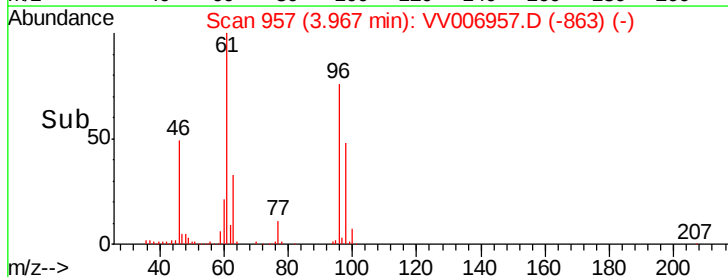
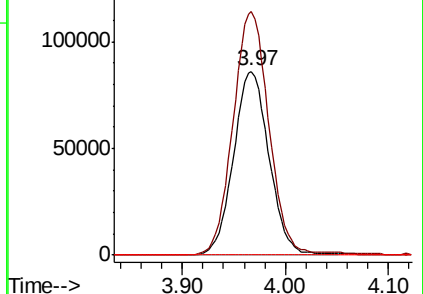


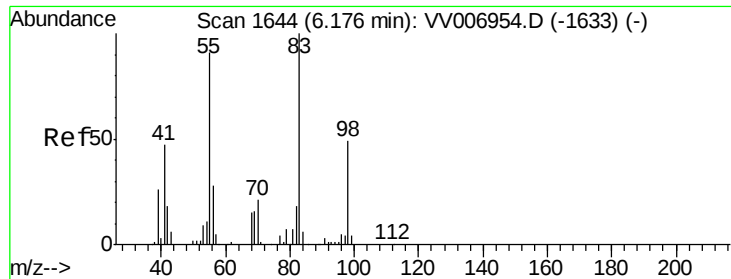
#22
cis-1,2-Dichloroethene
Concen: 10.192 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006957.D
Acq: 09 Aug 2018 18:13

Tgt Ion: 96 Resp: 206285
Ion Ratio Lower Upper
96 100
61 132.3 91.1 169.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

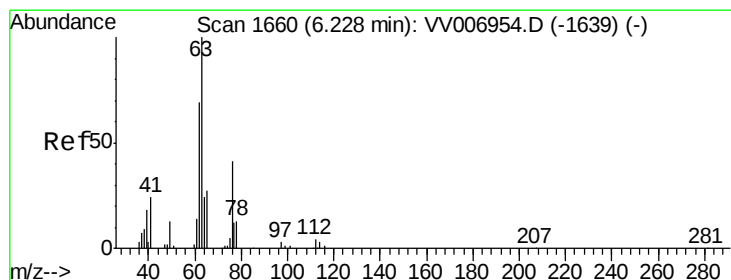
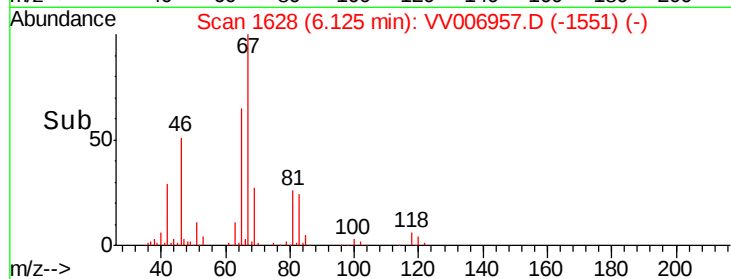
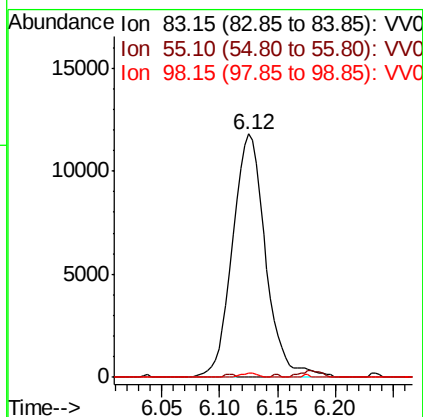
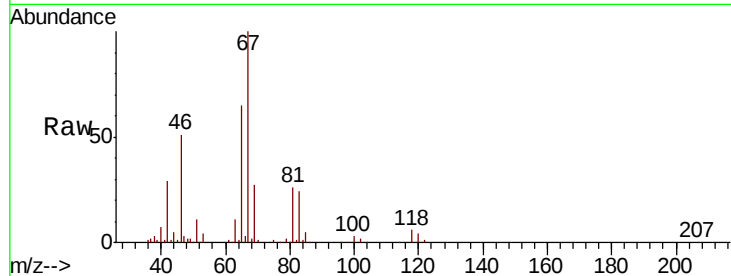




#35
Methvlcvclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006957.D
Acq: 09 Aug 2018 18:13

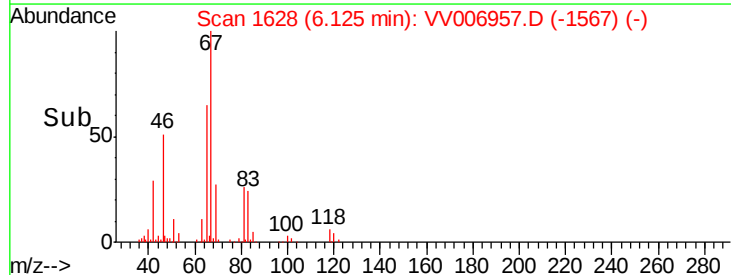
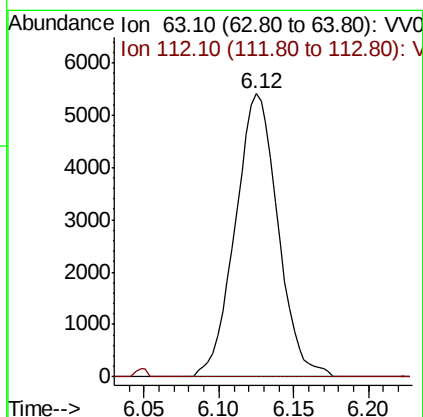
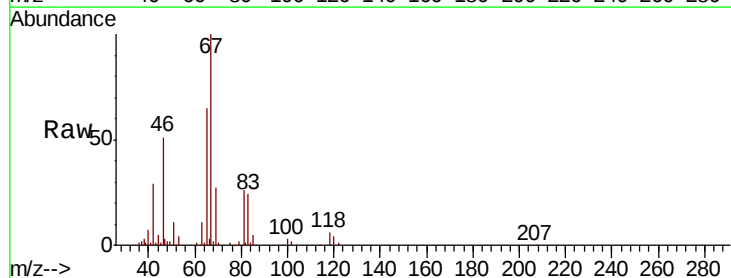
Instrument :
MSVOA_V
ClientSampleId :

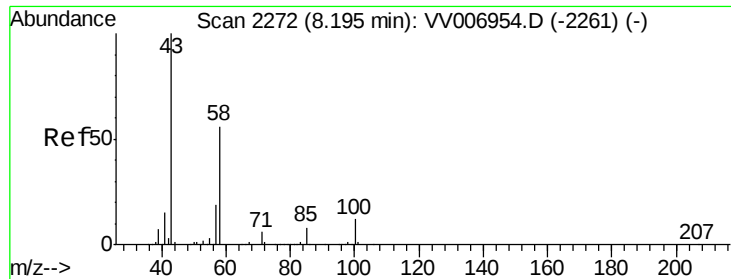
Tot Ion: 83 Resp: 23284
Ion Ratio Lower Upper
83 100
55 0.3 68.1 102.1#
98 0.9 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006957.D
Acq: 09 Aug 2018 18:13

Tgt Ion: 63 Resp: 10727
Ion Ratio Lower Upper
63 100
112 0.8 3.5 5.3#





#48
 2-Hexanone
 Concen: 1.514 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV006957.D
 Acq: 09 Aug 2018 18:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 12105
 Ion Ratio Lower Upper
 43 100
 58 46.7 44.2 66.2
 57 0.0 14.8 22.2#
 100 3.2 8.8 13.2#

