

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006958.D
 Acq On : 09 Aug 2018 18:40
 Operator : SY/MD
 Sample : J4357-01DL 4X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:35:57 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	228396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71116	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	63549	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.13	63	96683	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	209183	49.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.41	84	145824	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	78246	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	277999	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	101198	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	207900	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	29961	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.15	63	118045	43.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72232	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	75240	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

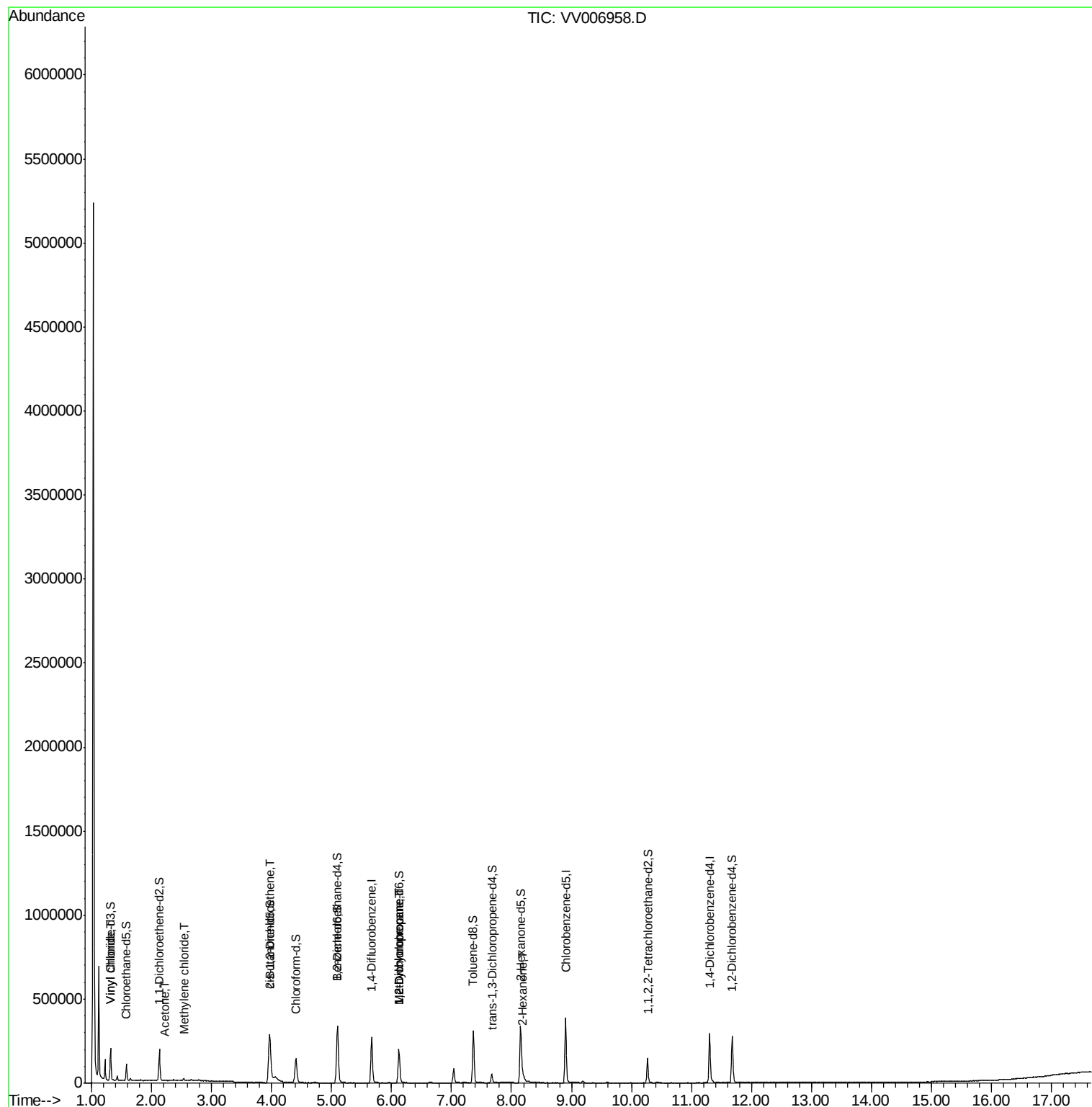
					Ovalue
5) Vinyl chloride	1.32	62	25540	1.155 ug/L	94
13) Acetone	2.21	43	2707	1.240 ug/L	92
16) Methylene chloride	2.54	84	4868	0.246 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	111493	5.595 ug/L	98
35) Methylcyclohexane	6.12	83	23508	0.817 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10548	0.516 ug/L #	88
48) 2-Hexanone	8.20	43	11339	1.455 ug/L #	93

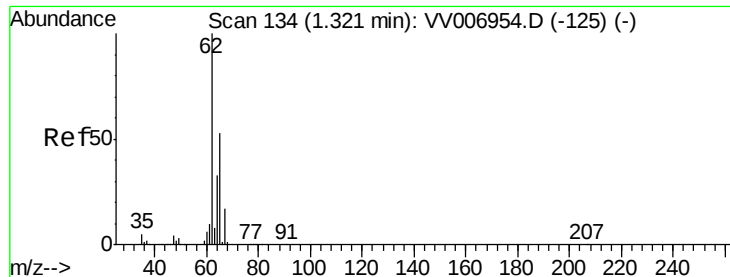
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.155 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006958.D

Acq: 09 Aug 2018 18:40

Instrument :

MSVOA_V

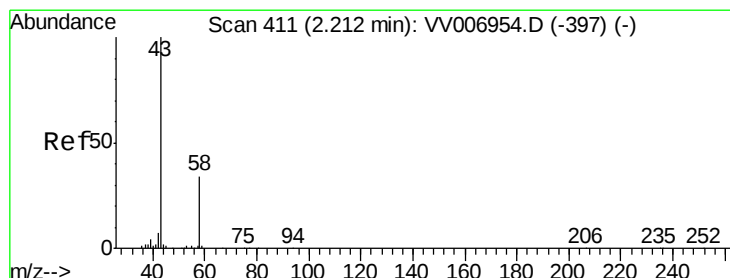
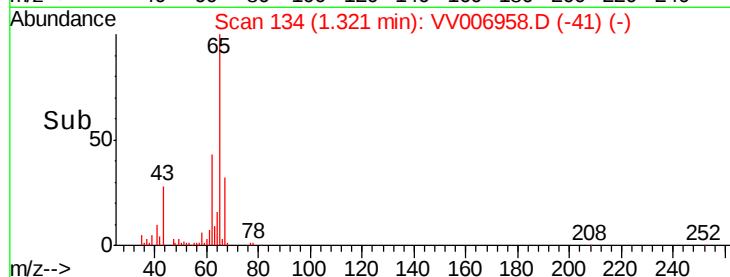
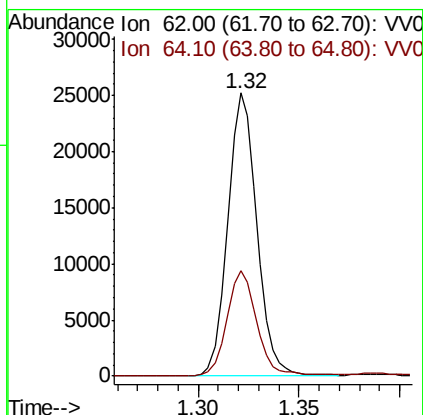
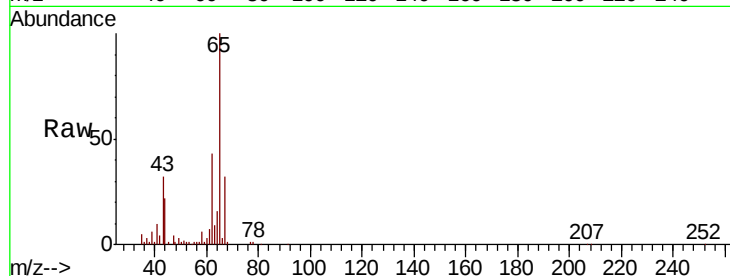
ClientSampled :

Tot Ion: 62 Resp: 25540

Ion Ratio Lower Upper

62 100

64 37.2 23.5 43.7



#13

Acetone

Concen: 1.240 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.00 min

Lab File: VV006958.D

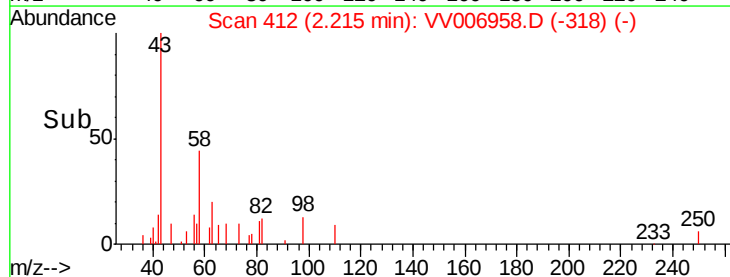
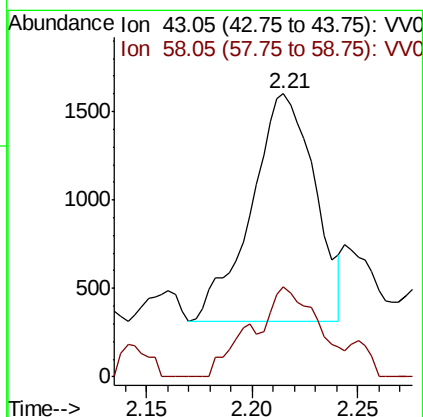
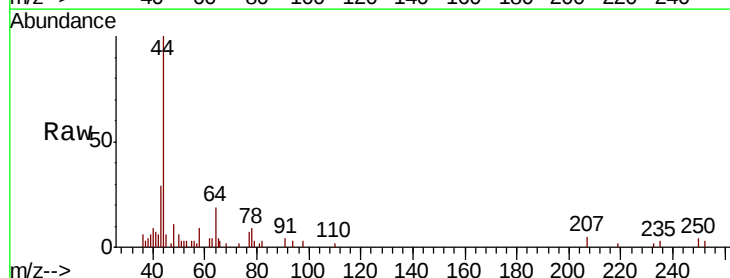
Acq: 09 Aug 2018 18:40

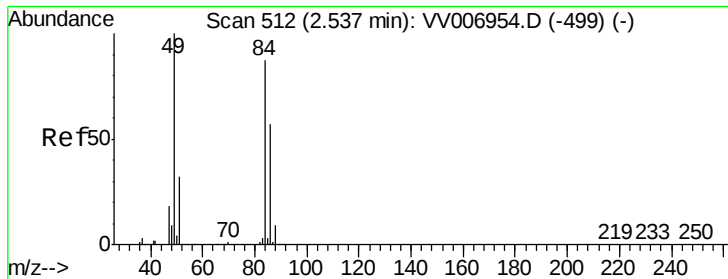
Tgt Ion: 43 Resp: 2707

Ion Ratio Lower Upper

43 100

58 31.0 0.0 71.4

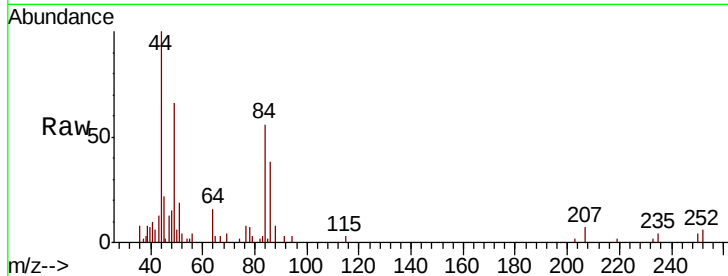




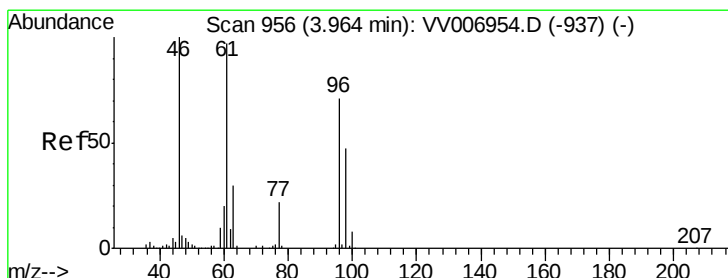
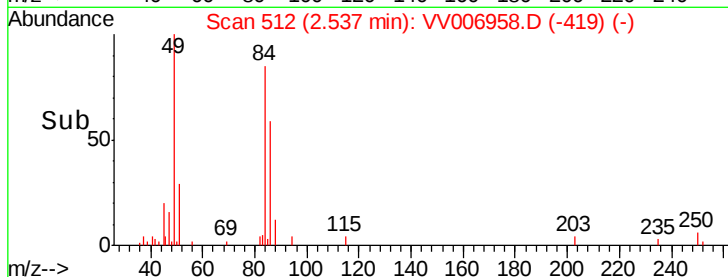
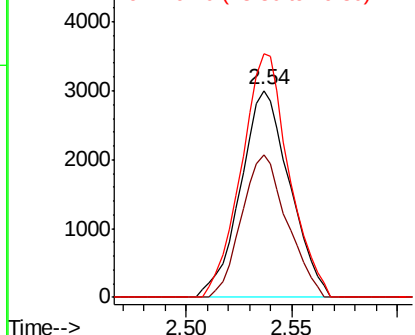
#16
Methylene chloride
Concen: 0.246 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006958.D
Acq: 09 Aug 2018 18:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4868
Ion Ratio Lower Upper
84 100
86 68.9 45.7 84.9
49 117.7 78.8 146.4

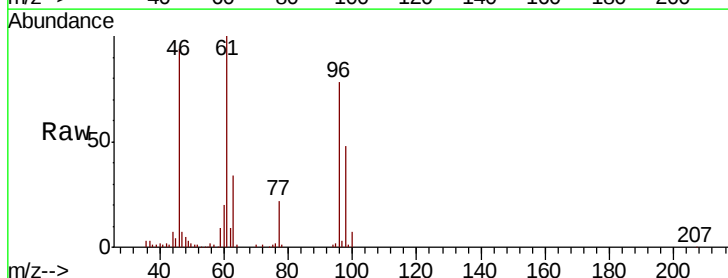


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

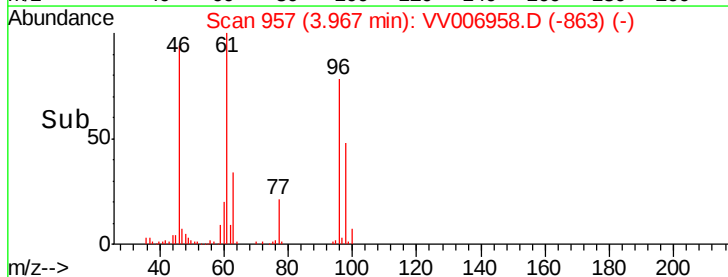
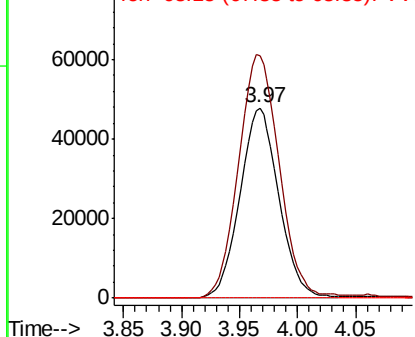


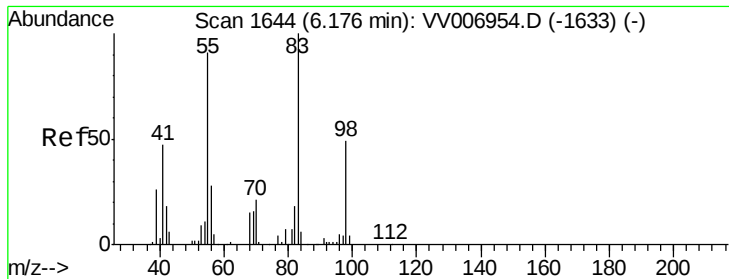
#22
cis-1,2-Dichloroethene
Concen: 5.595 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006958.D
Acq: 09 Aug 2018 18:40

Tgt Ion: 96 Resp: 111493
Ion Ratio Lower Upper
96 100
61 127.6 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

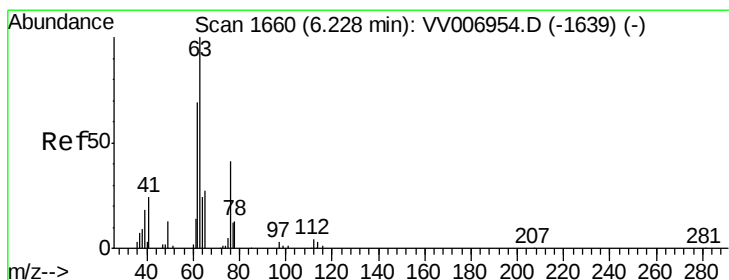
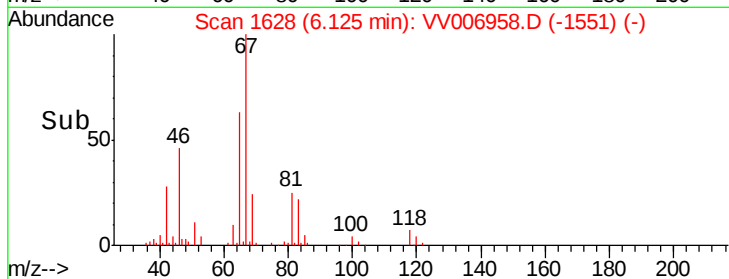
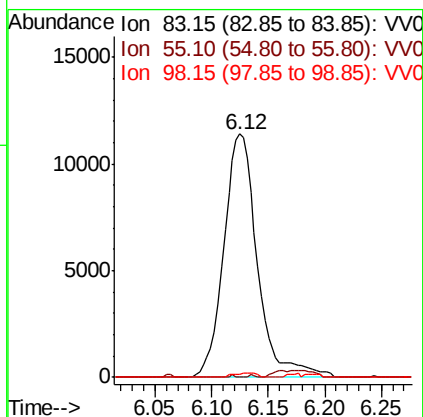
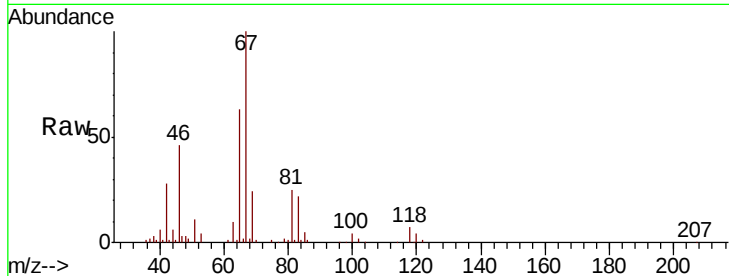




#35
Methvlcvclohexane
Concen: 0.817 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006958.D
Acq: 09 Aug 2018 18:40

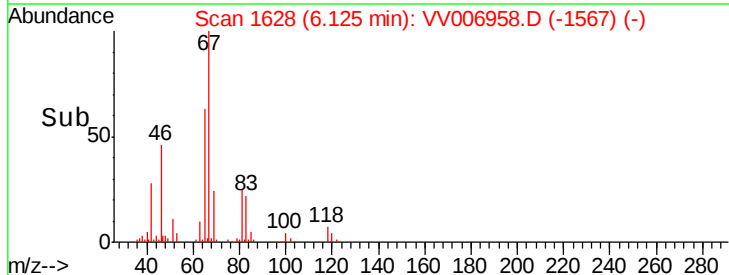
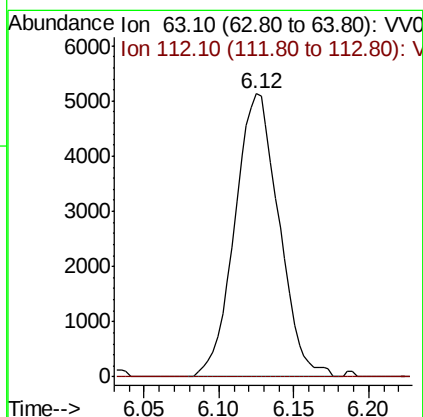
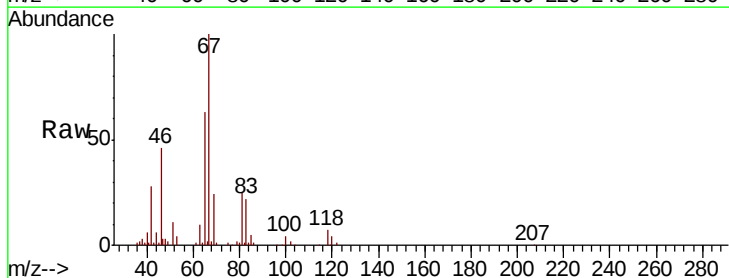
Instrument :
MSVOA_V
ClientSampleId :

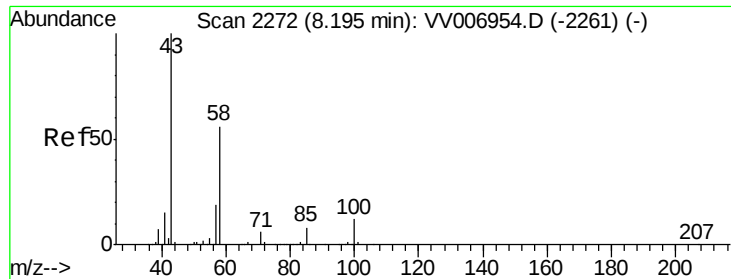
Tot Ion: 83 Resp: 23508
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 1.2 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006958.D
Acq: 09 Aug 2018 18:40

Tgt Ion: 63 Resp: 10548
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#





#48
 2-Hexanone
 Concen: 1.455 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV006958.D
 Acq: 09 Aug 2018 18:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 11339
 Ion Ratio Lower Upper
 43 100
 58 51.4 44.2 66.2
 57 21.5 14.8 22.2
 100 5.9 8.8 13.2#

