

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006959.D
 Acq On : 09 Aug 2018 19:07
 Operator : SY/MD
 Sample : J4357-11DL 5X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:36:05 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	233303	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87992	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77418	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	64834	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	99907	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.98	46	237859	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.41	84	152986	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	80506	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	288815	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	101924	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.37	98	214024	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	30480	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	115450	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74142	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	80537	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

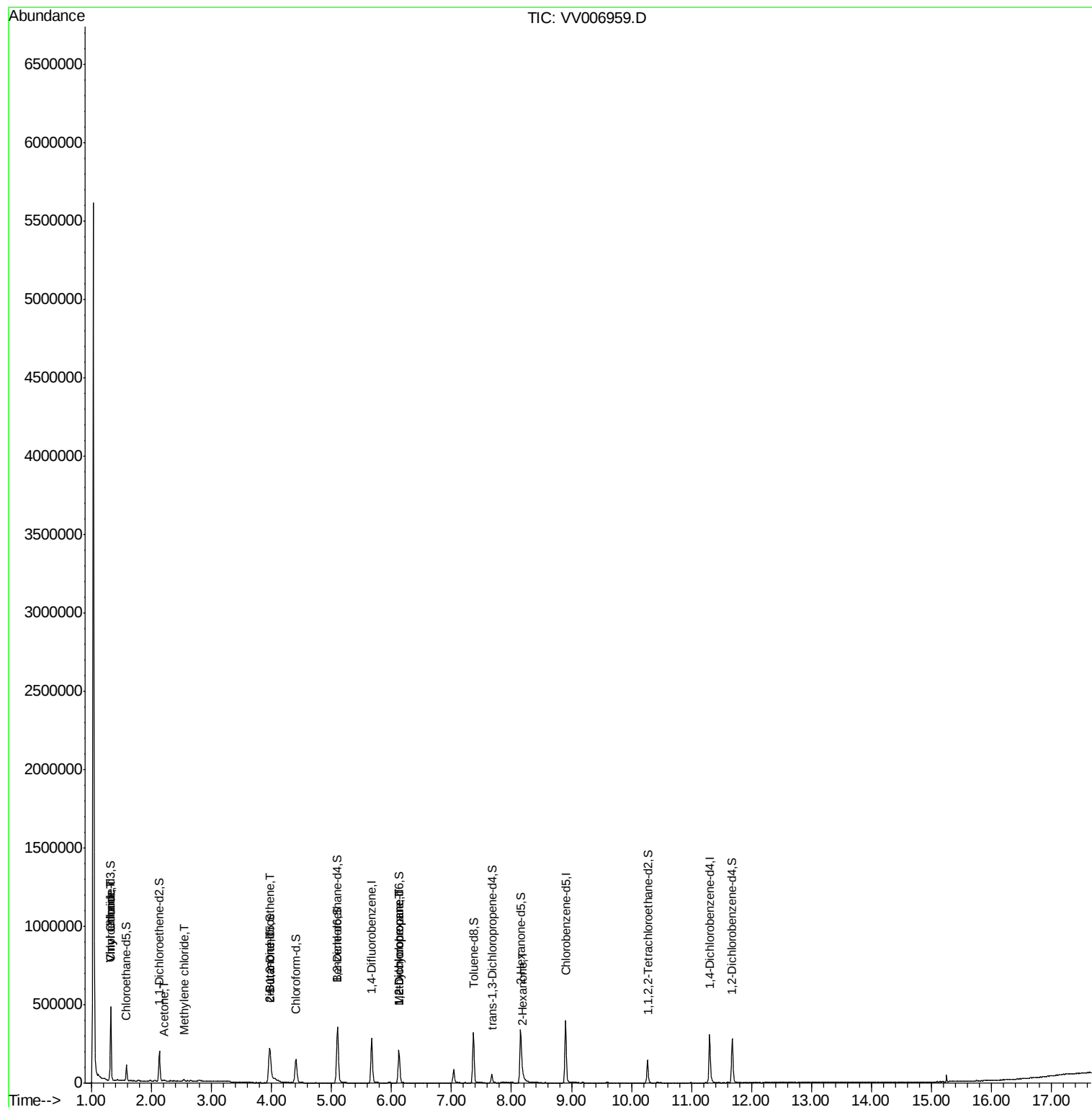
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	228686	10.120	ug/L	98
8) Chloroethane	1.32	64	73637	5.371	ug/L #	47
13) Acetone	2.21	43	1309	0.587	ug/L	76
16) Methylene chloride	2.54	84	4586	0.227	ug/L	92
21) 2-Butanone	3.97	43	1494	0.309	ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	74079	3.639	ug/L	100
35) Methylcyclohexane	6.12	83	23528	0.779	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	10237	0.477	ug/L #	87
48) 2-Hexanone	8.20	43	9360	1.144	ug/L #	87

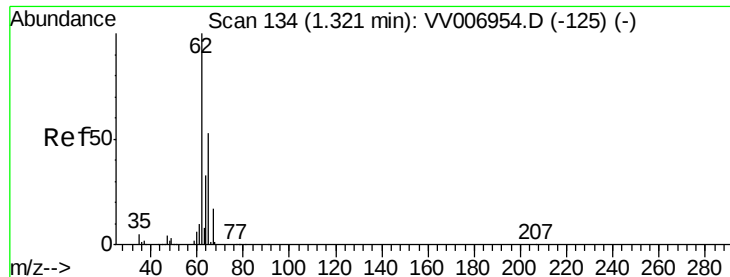
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006959.D
Acq On : 09 Aug 2018 19:07
Operator : SY/MD
Sample : J4357-11DL 5X
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 10 02:36:05 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





#5

Vinyl chloride

Concen: 10.120 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006959.D

Acq: 09 Aug 2018 19:07

Instrument :

MSVOA_V

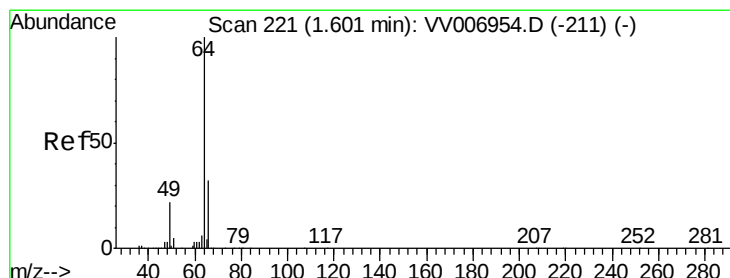
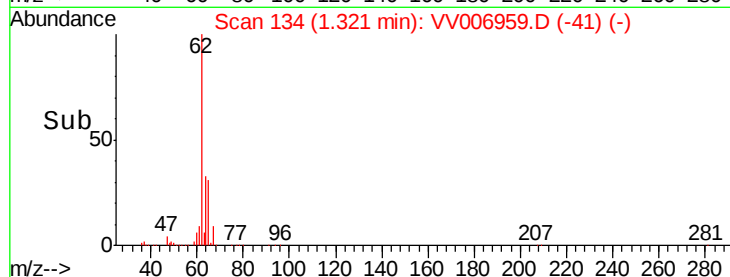
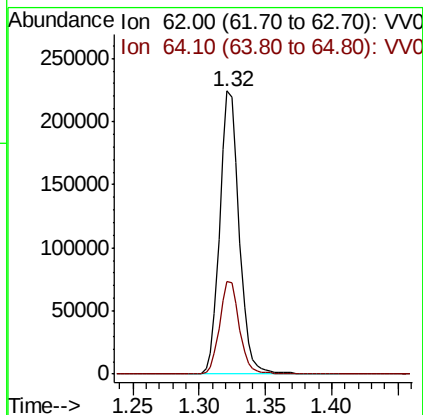
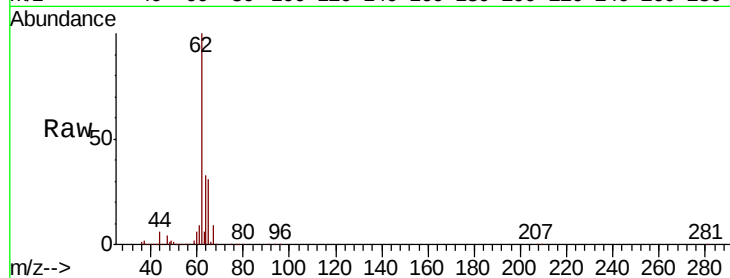
ClientSampled :

Tot Ion: 62 Resp: 228686

Ion Ratio Lower Upper

62 100

64 32.7 23.5 43.7



#8

Chloroethane

Concen: 5.371 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006959.D

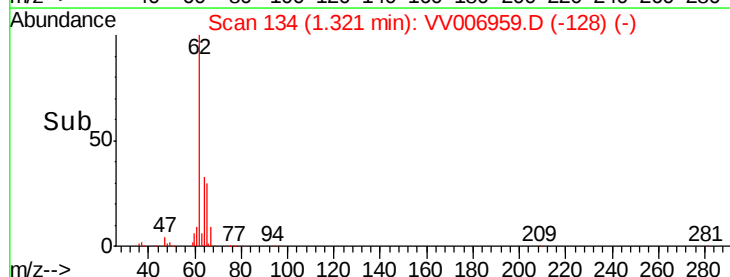
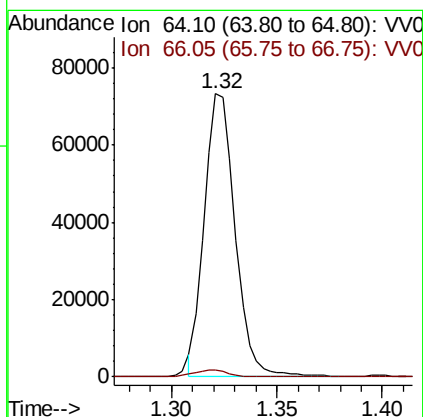
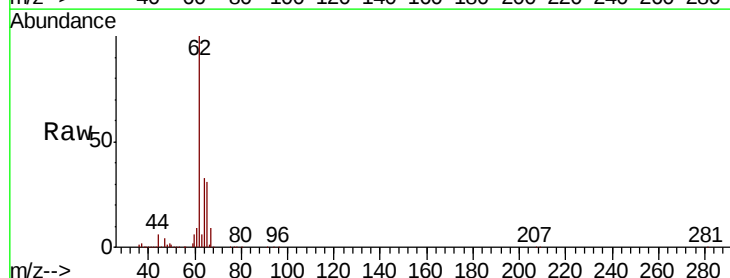
Acq: 09 Aug 2018 19:07

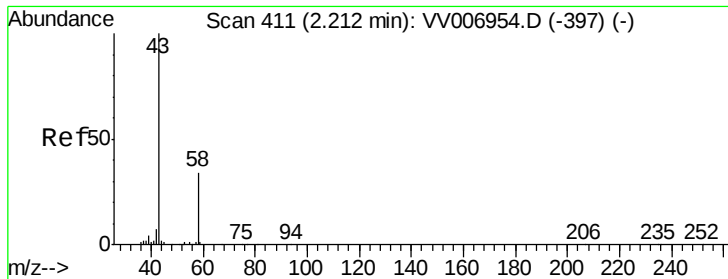
Tgt Ion: 64 Resp: 73637

Ion Ratio Lower Upper

64 100

66 2.5 22.6 42.0#





#13

Acetone

Concen: 0.587 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.00 min

Lab File: VV006959.D

Acq: 09 Aug 2018 19:07

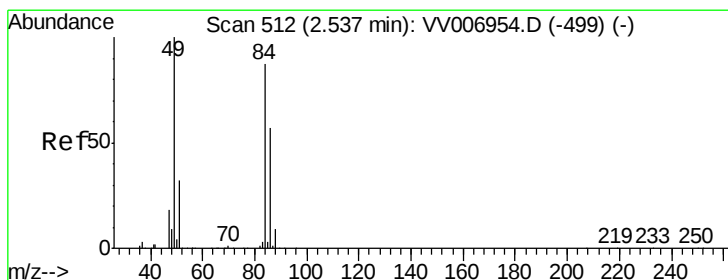
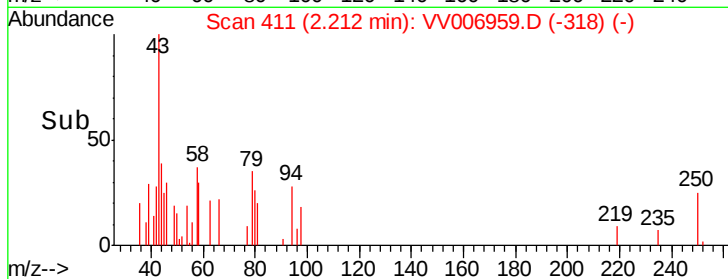
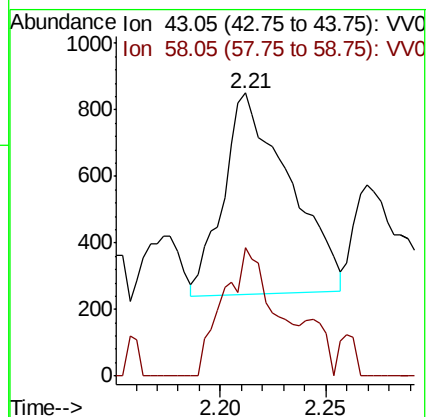
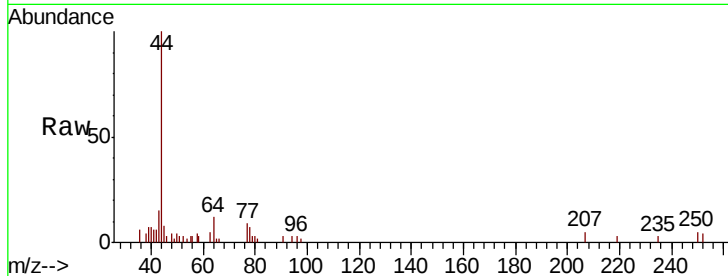
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1309

Ion Ratio Lower Upper

43 100

58 50.0 0.0 71.4



#16

Methylene chloride

Concen: 0.227 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006959.D

Acq: 09 Aug 2018 19:07

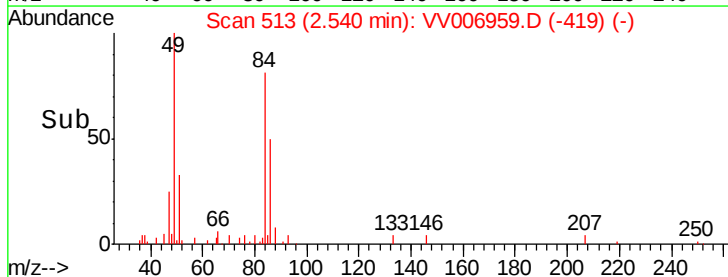
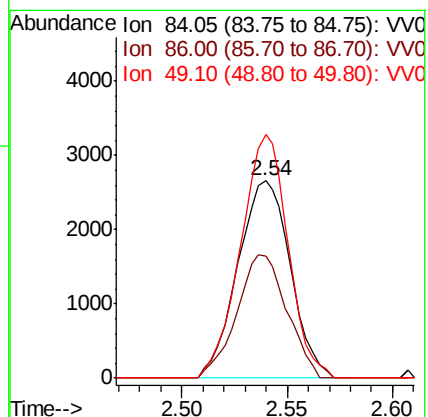
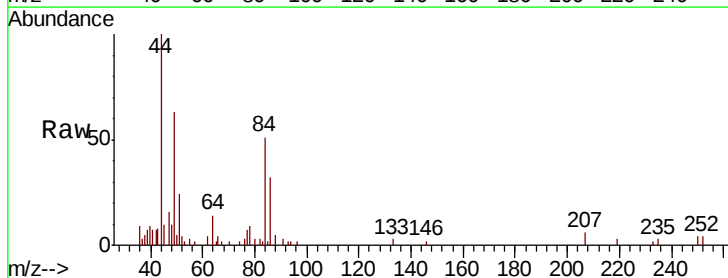
Tgt Ion: 84 Resp: 4586

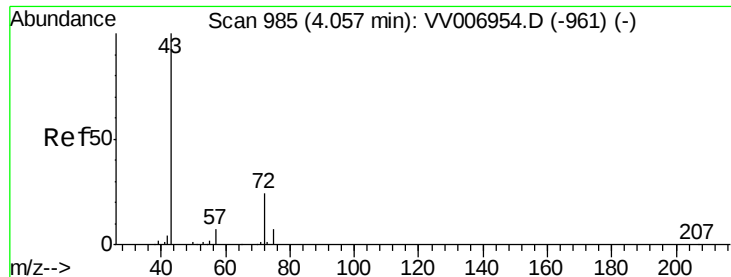
Ion Ratio Lower Upper

84 100

86 62.0 45.7 84.9

49 123.3 78.8 146.4





#21

2-Butanone

Concen: 0.309 ug/L

RT: 3.97 min Scan# 958

Delta R.T. -0.09 min

Lab File: VV006959.D

Acq: 09 Aug 2018 19:07

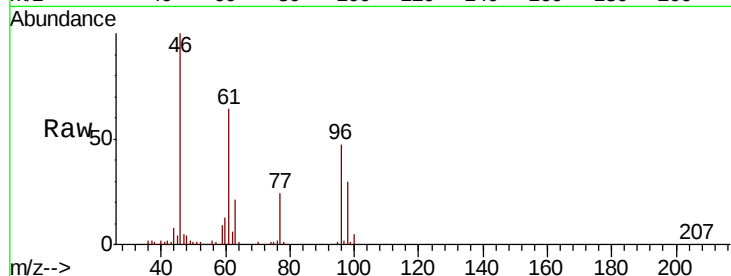
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

72 17.1 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV006954.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV006954.D (-961) (-)

3.97

600

400

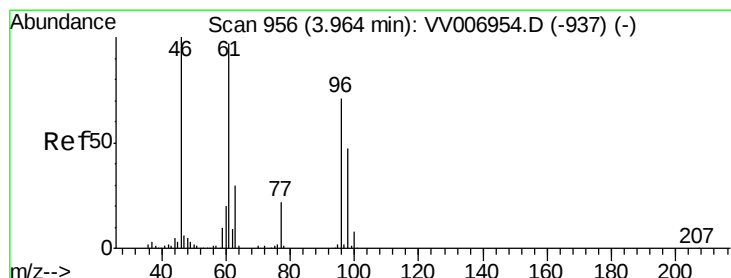
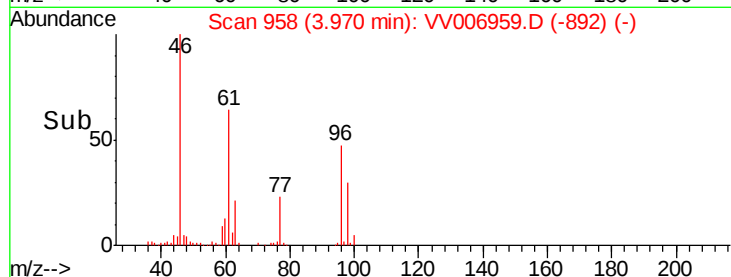
200

0

3.95

4.00

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.639 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006959.D

Acq: 09 Aug 2018 19:07

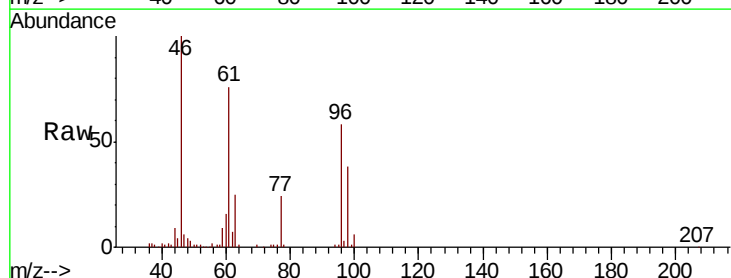
Tgt Ion: 96 Resp: 74079

Ion Ratio Lower Upper

96 100

61 130.3 91.1 169.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006954.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV006954.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV006954.D (-937) (-)

3.96

40000

30000

20000

10000

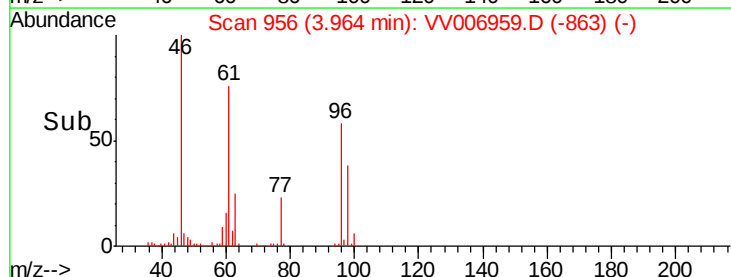
0

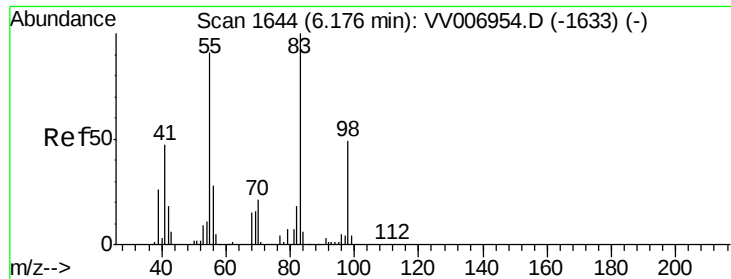
3.90

4.00

4.10

Time-->

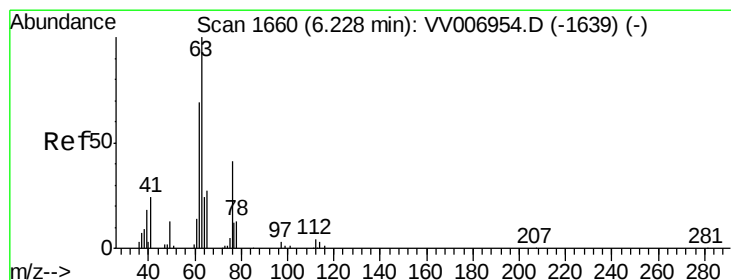
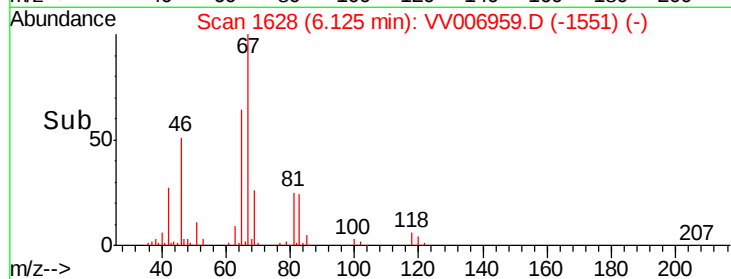
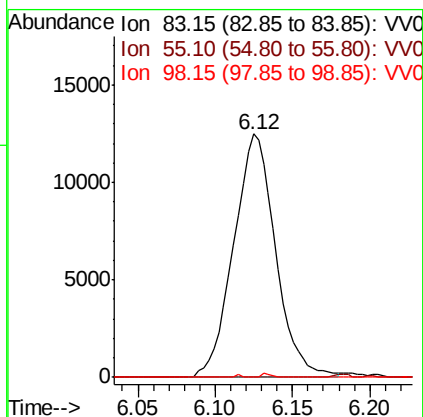
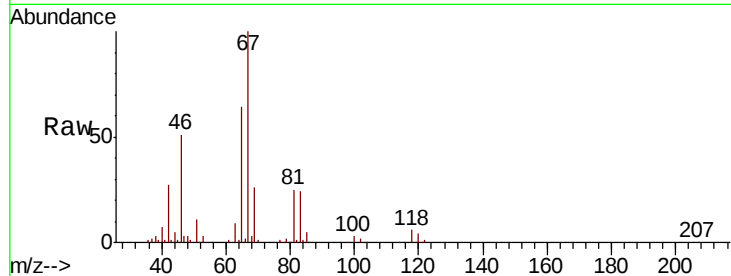




#35
Methvlcvclohexane
Concen: 0.779 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006959.D
Acq: 09 Aug 2018 19:07

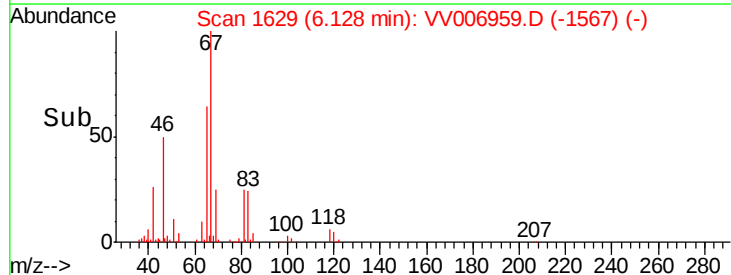
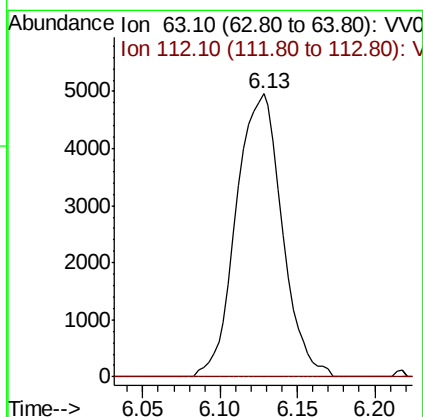
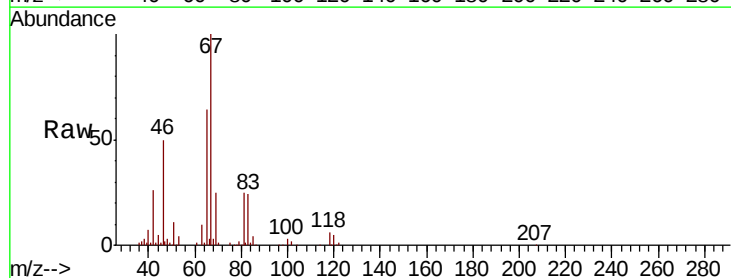
Instrument :
MSVOA_V
ClientSampleId :

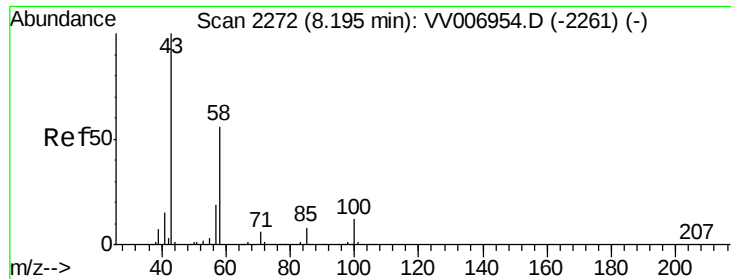
Tot Ion: 83 Resp: 23528
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006959.D
Acq: 09 Aug 2018 19:07

Tgt Ion: 63 Resp: 10237
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#48
 2-Hexanone
 Concen: 1.144 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV006959.D
 Acq: 09 Aug 2018 19:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9360
 Ion Ratio Lower Upper
 43 100
 58 54.2 44.2 66.2
 57 0.0 14.8 22.2#
 100 2.9 8.8 13.2#

