

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007216.D
 Acq On : 27 Aug 2018 17:40
 Operator : SY/MD
 Sample : J4624-09DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 01:42:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 01:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	311388	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	313667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119348	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.58	69	97851	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.13	63	155559	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.97	46	291146	57.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.08%
24) Chloroform-d	4.40	84	229517	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	116426	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.10	84	458508	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	143098	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.37	98	339168	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	46764	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.15	63	109828	36.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106523	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	120811	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

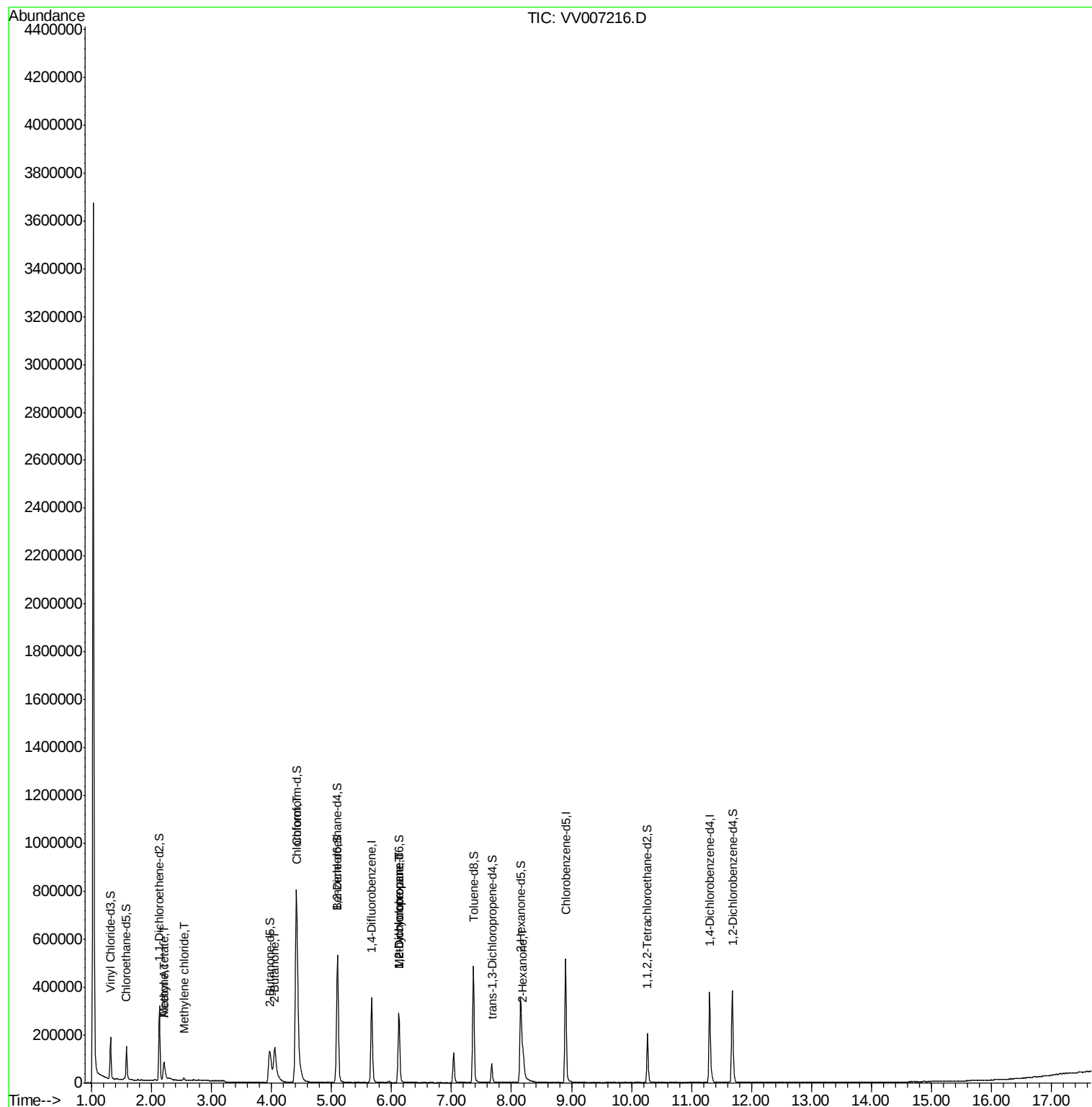
					Ovalue
13) Acetone	2.21	43	117240	40.310 ug/L	91
15) Methyl Acetate	2.21	43	109891	14.559 ug/L #	43
16) Methylene chloride	2.54	84	5047	0.201 ug/L	99
21) 2-Butanone	4.05	43	257797	43.051 ug/L	95
25) Chloroform	4.43	83	18161	0.388 ug/L	96
35) Methylcyclohexane	6.12	83	34804	0.934 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	15018	0.537 ug/L #	88
48) 2-Hexanone	8.20	43	51489	5.032 ug/L	92

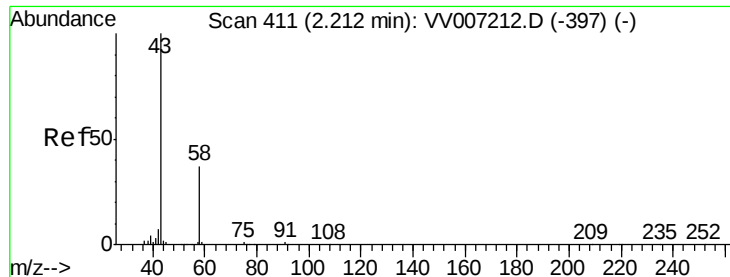
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 28 01:40:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 40.310 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007216.D

Acq: 27 Aug 2018 17:40

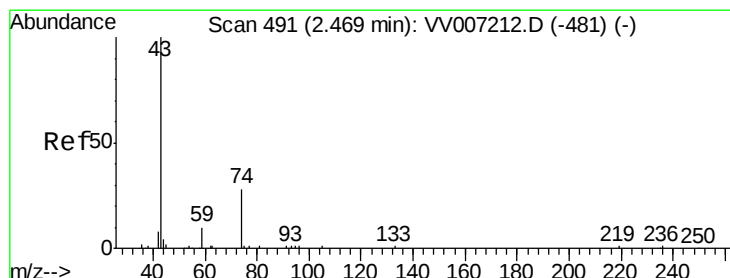
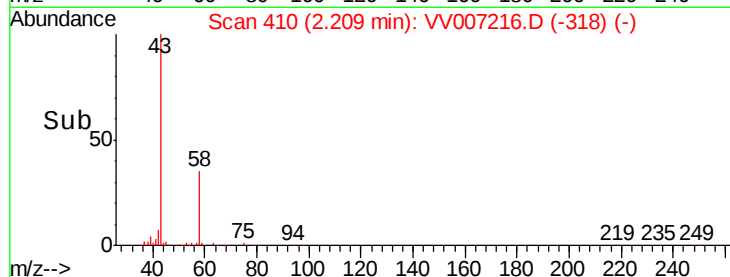
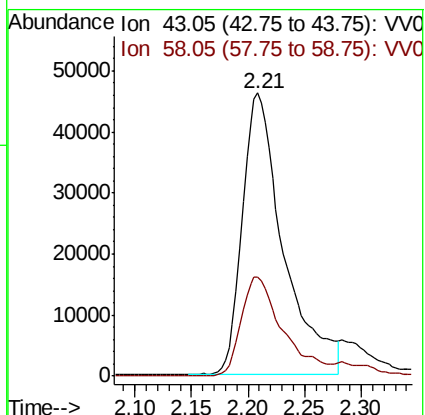
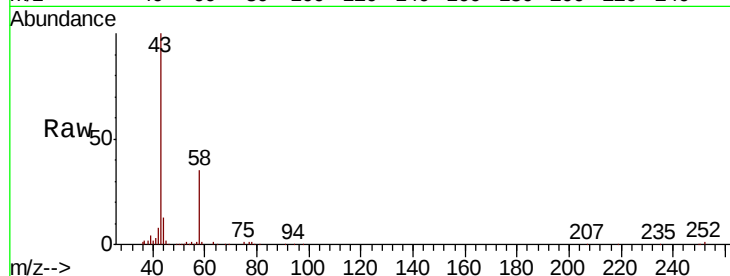
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 117240

Ion Ratio Lower Upper

43 100

58 35.7 0.0 82.2



#15

Methyl Acetate

Concen: 14.559 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.26 min

Lab File: VV007216.D

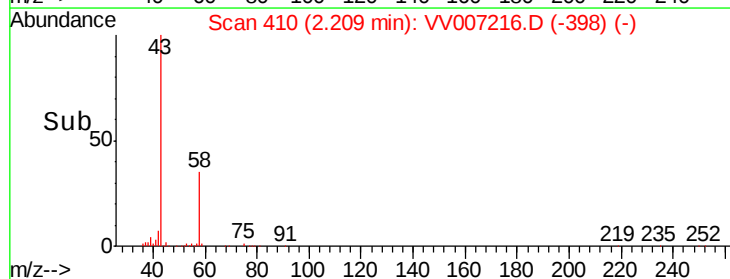
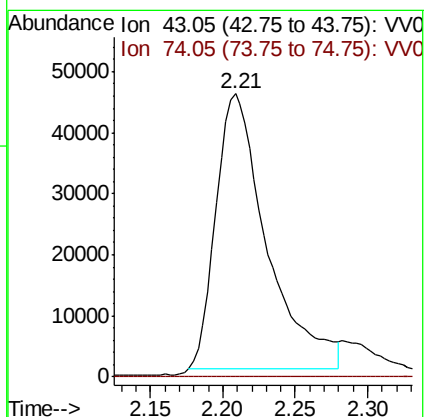
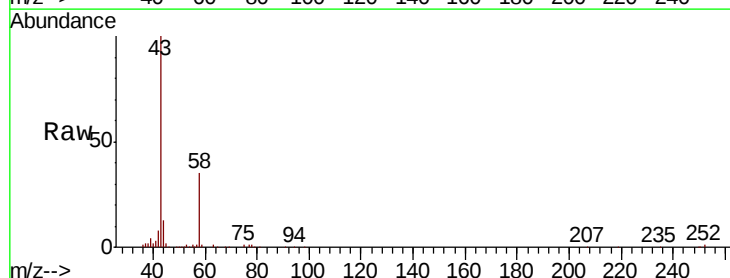
Acq: 27 Aug 2018 17:40

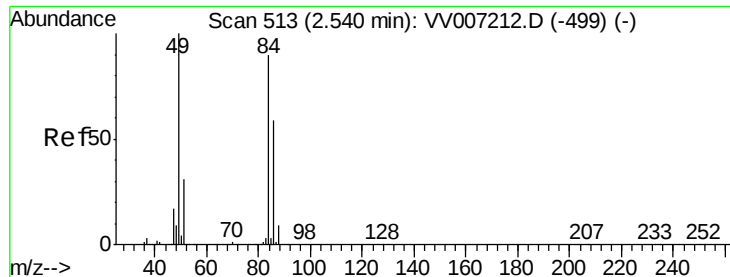
Tgt Ion: 43 Resp: 109891

Ion Ratio Lower Upper

43 100

74 0.0 25.0 37.6#

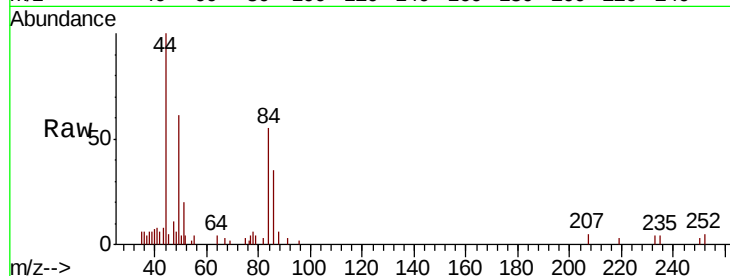




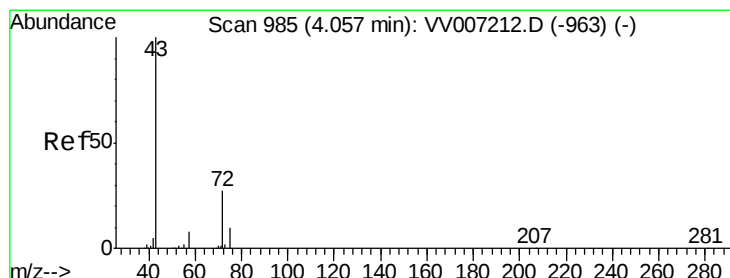
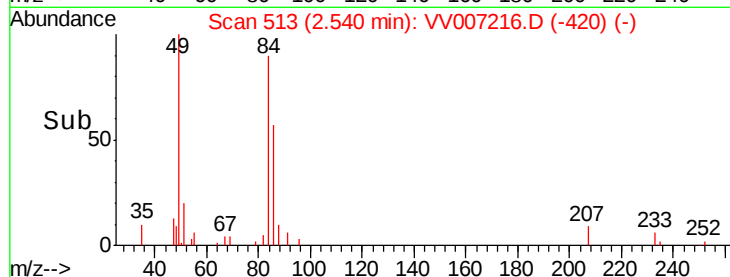
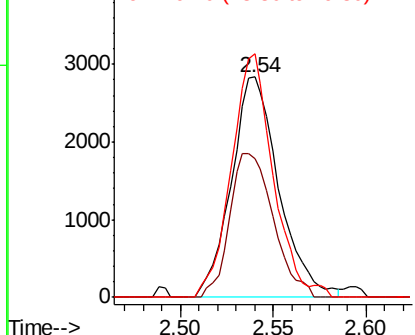
#16
Methylene chloride
Concen: 0.201 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007216.D
Acq: 27 Aug 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 5047
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.5
49 110.5 76.6 142.3

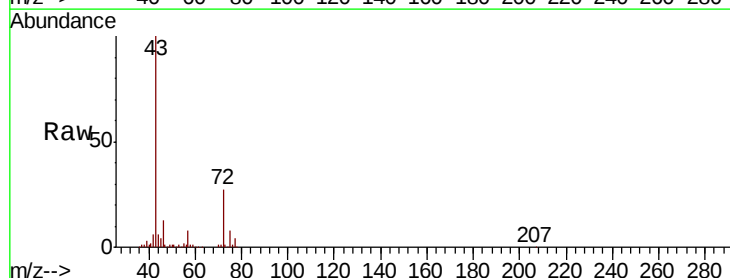


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

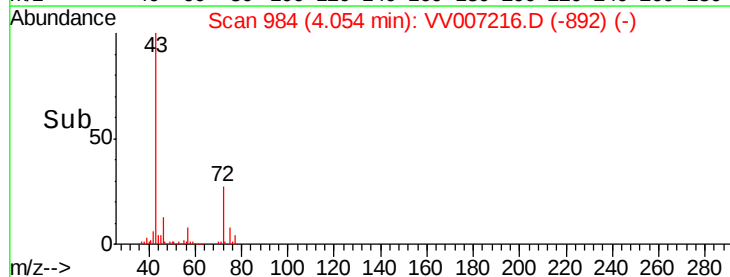
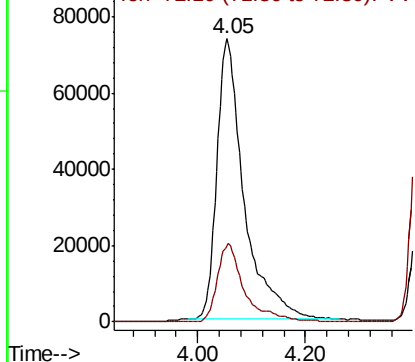


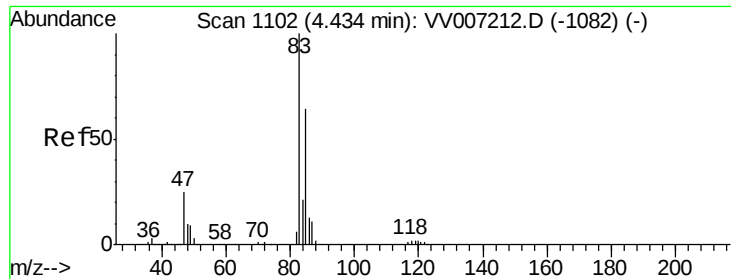
#21
2-Butanone
Concen: 43.051 ug/L
RT: 4.05 min Scan# 984
Delta R.T. -0.00 min
Lab File: VV007216.D
Acq: 27 Aug 2018 17:40

Tgt Ion: 43 Resp: 257797
Ion Ratio Lower Upper
43 100
72 25.3 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0





#25

Chloroform

Concen: 0.388 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007216.D

Acq: 27 Aug 2018 17:40

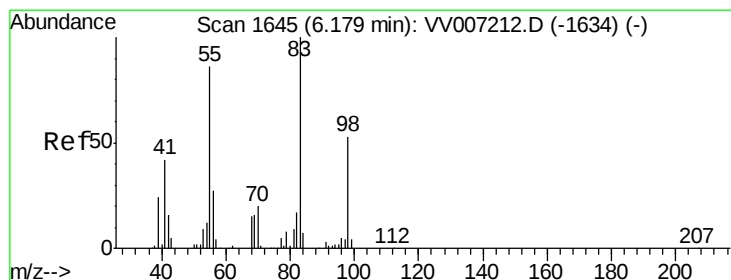
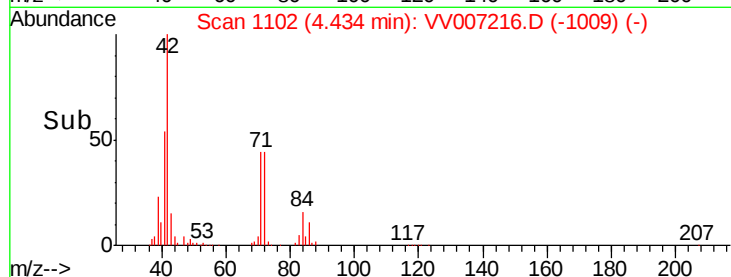
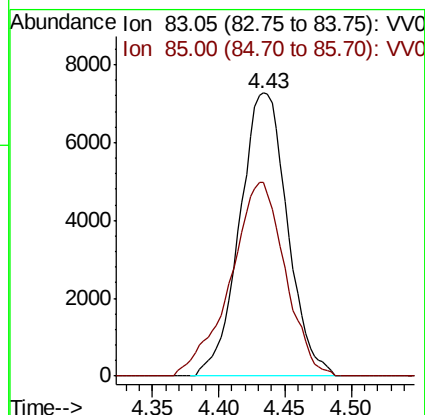
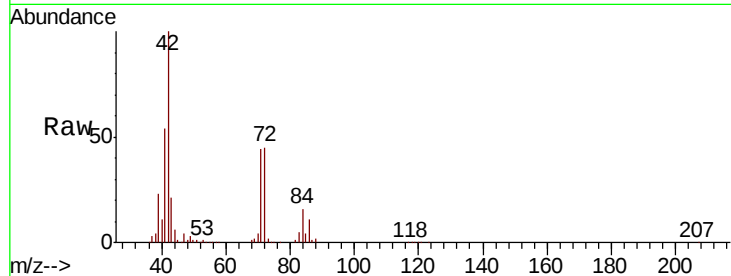
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 18161

Ion Ratio Lower Upper

83 100

85 68.3 45.5 84.5



#35

Methylcyclohexane

Concen: 0.934 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007216.D

Acq: 27 Aug 2018 17:40

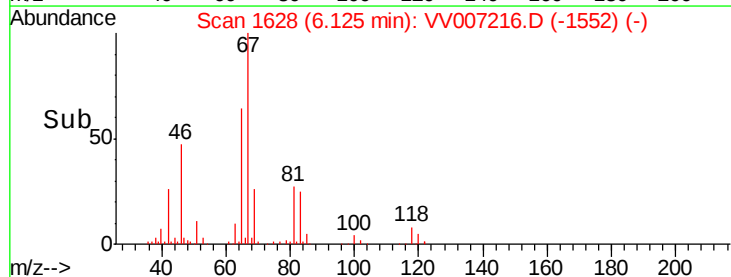
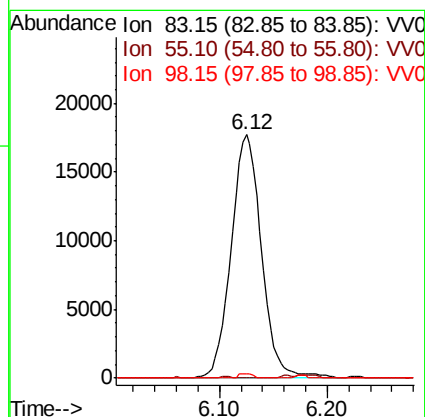
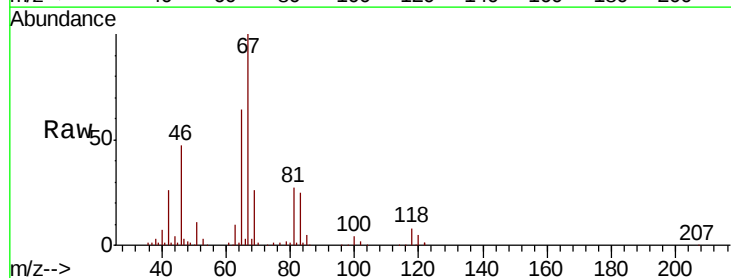
Tgt Ion: 83 Resp: 34804

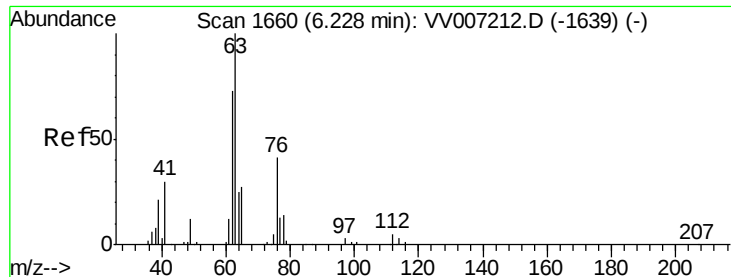
Ion Ratio Lower Upper

83 100

55 0.2 65.5 98.3#

98 0.7 38.5 57.7#





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007216.D

Acq: 27 Aug 2018 17:40

Instrument :

MSVOA_V

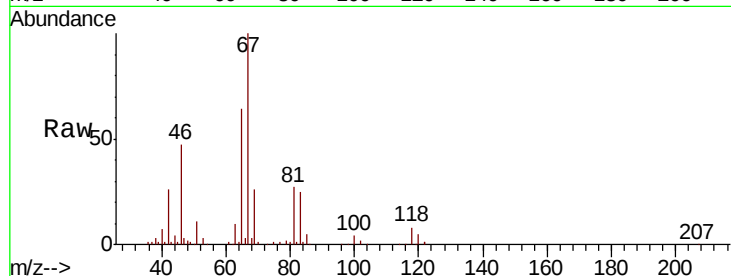
ClientSampleId :

Tot Ion: 63 Resp: 15018

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV007212.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VV007212.D (-1639) (-)

6.12

8000

6000

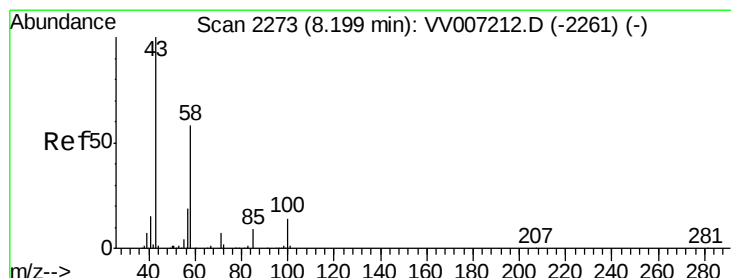
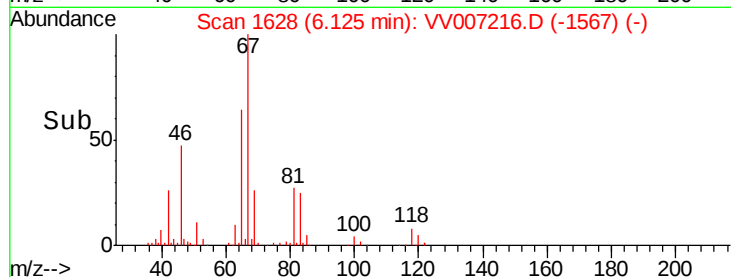
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 5.032 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007216.D

Acq: 27 Aug 2018 17:40

Tgt Ion: 43 Resp: 51489

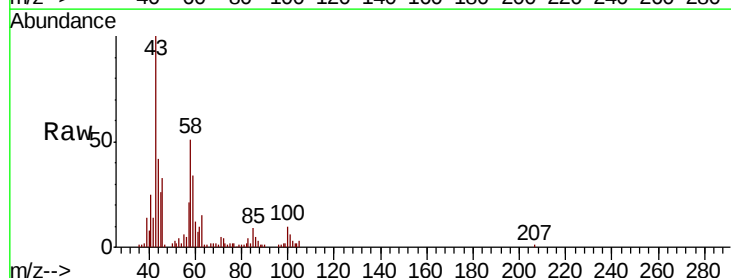
Ion Ratio Lower Upper

43 100

58 51.6 47.7 71.5

57 16.8 15.4 23.0

100 11.2 9.7 14.5



Abundance Ion 43.05 (42.75 to 43.75): VV007212.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV007212.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV007212.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV007212.D (-2261) (-)

8.20

30000

20000

10000

0

8.15 8.20 8.25 8.30

Time-->

