

Data File : VV011216.D
Acq On : 04 Jun 2019 20:04
Operator : SY/MD
Sample : K2889-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BN2

Quant Time: Jun 05 01:45:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174652	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60644	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.56	69	46898	4.26	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.12	63	90599	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.94	46	162765	54.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.26%
24) Chloroform-d	4.40	84	106901	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	60735	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	223875	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	69521	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	202587	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	24701	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	136134	57.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51381	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67079	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

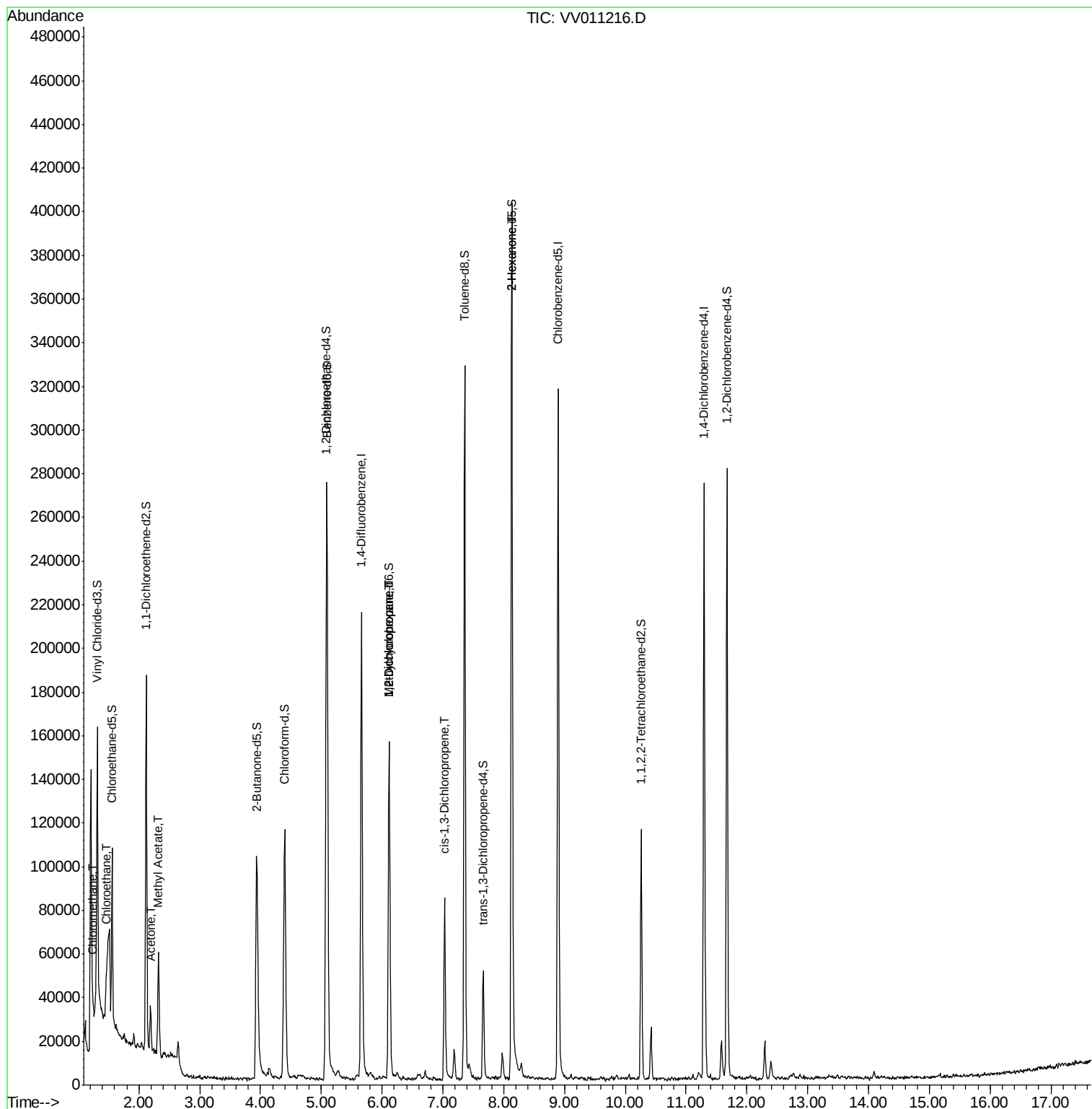
						Qvalue
3) Chloromethane	1.25	50	1884	0.113	ug/L	90
8) Chloroethane	1.46	64	2279	0.222	ug/L #	59
13) Acetone	2.19	43	20139	10.081	ug/L	99
15) Methyl Acetate	2.32	43	11768	2.218	ug/L #	57
35) Methylcyclohexane	6.12	83	16646	0.767	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8245	0.652	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2263	0.122	ug/L #	75
48) 2-Hexanone	8.13	43	16447	2.929	ug/L #	70

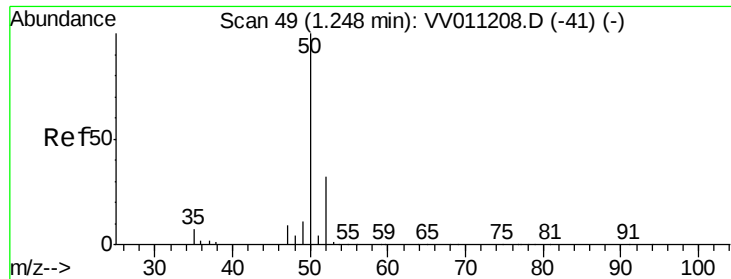
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 04 Jun 2019 20:04

Instrument :

MSVOA_V

ClientSampleId :

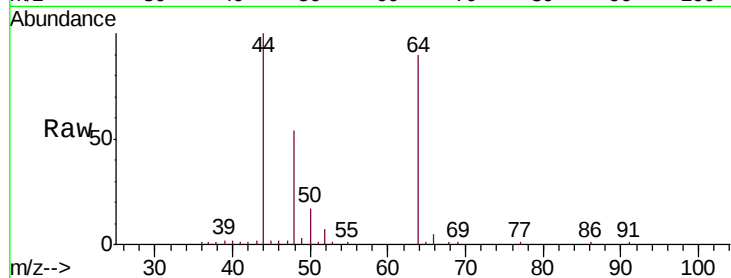
C0BN2

Tgt Ion: 50 Resp: 1884

Ion Ratio Lower Upper

50 100

52 37.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011208.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV011208.D (-41) (-)

2500

2000

1500

1000

500

0

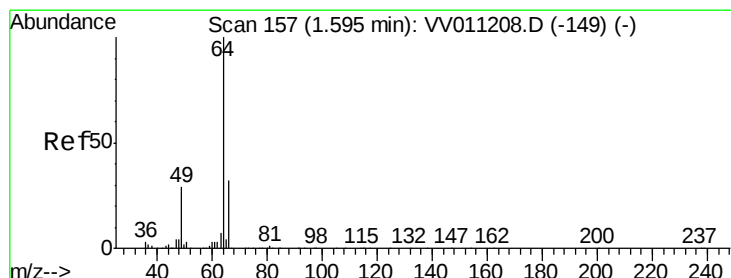
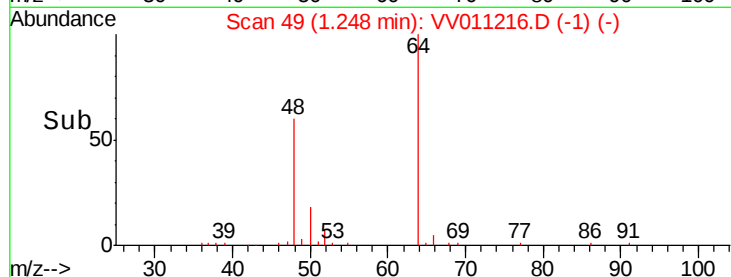
1.22

1.24

1.26

1.28

Time-->



#8

Chloroethane

Concen: 0.222 ug/L

RT: 1.46 min Scan# 115

Delta R.T. -0.14 min

Lab File: VV011216.D

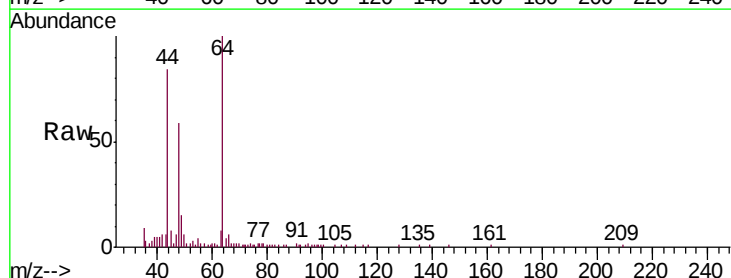
Acq: 04 Jun 2019 20:04

Tgt Ion: 64 Resp: 2279

Ion Ratio Lower Upper

64 100

66 6.4 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011208.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV011208.D (-149) (-)

12000

10000

8000

6000

4000

2000

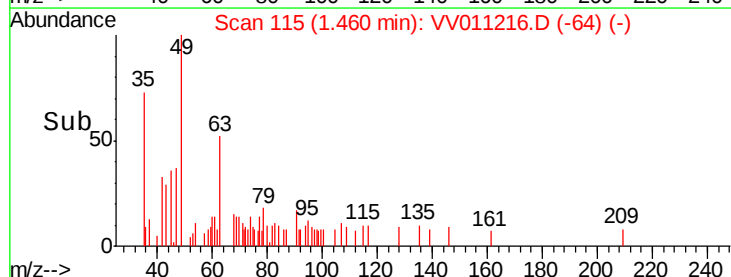
0

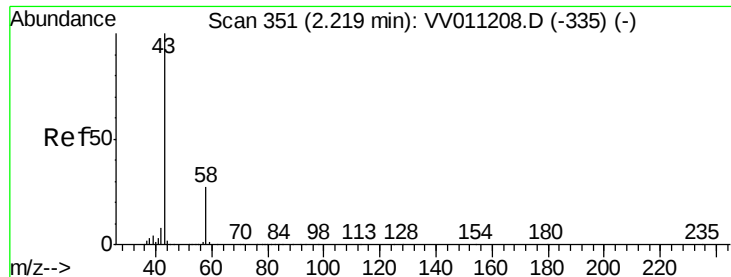
1.44

1.46

1.48

Time-->





#13

Acetone

Concen: 10.081 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV011216.D

Acq: 04 Jun 2019 20:04

Instrument :

MSVOA_V

ClientSampleId :

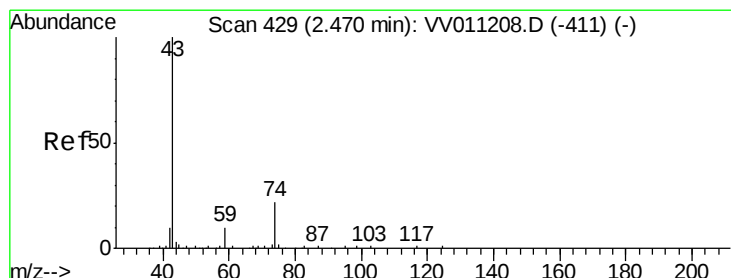
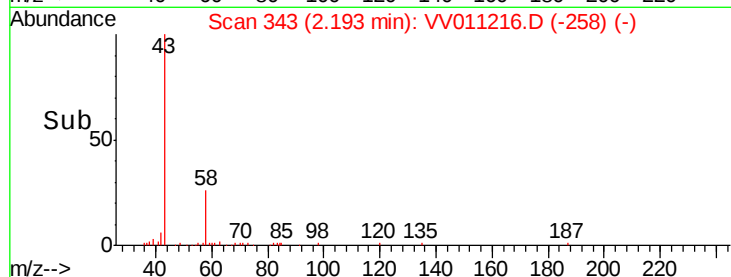
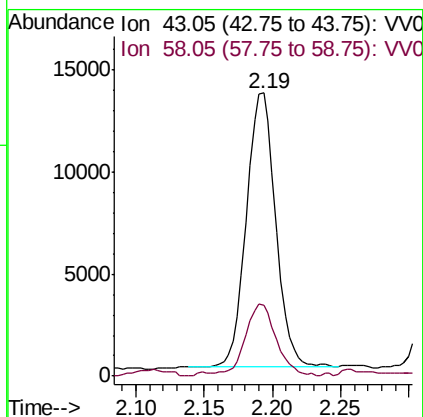
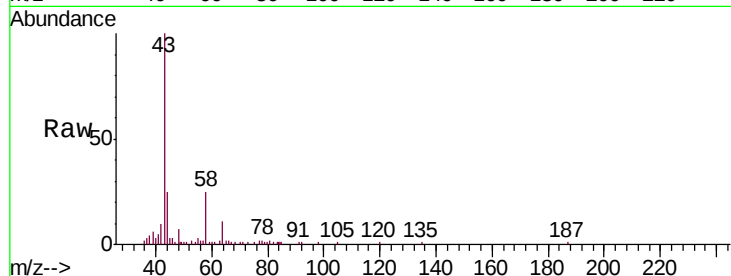
C0BN2

Tgt Ion: 43 Resp: 20139

Ion Ratio Lower Upper

43 100

58 27.9 0.0 55.2



#15

Methyl Acetate

Concen: 2.218 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.15 min

Lab File: VV011216.D

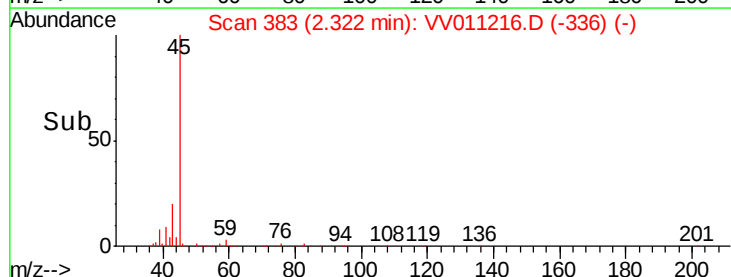
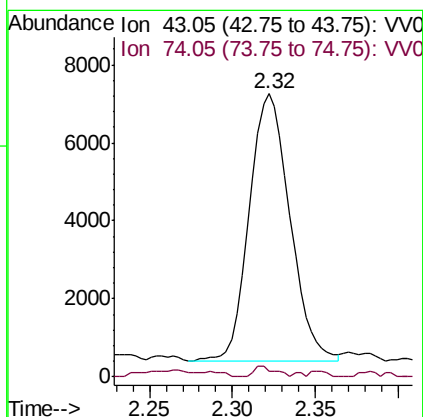
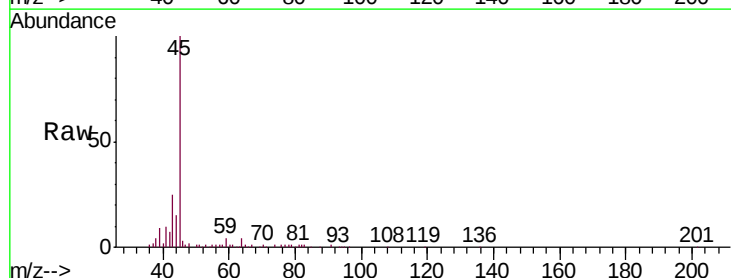
Acq: 04 Jun 2019 20:04

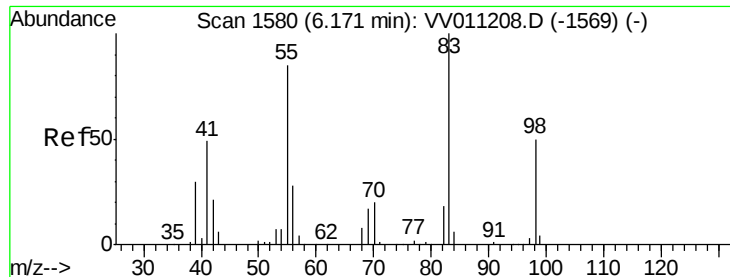
Tgt Ion: 43 Resp: 11768

Ion Ratio Lower Upper

43 100

74 2.0 18.5 27.7#

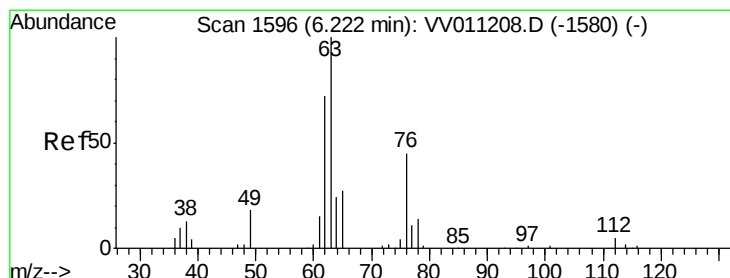
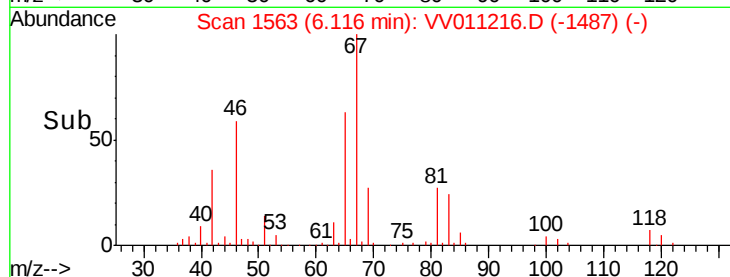
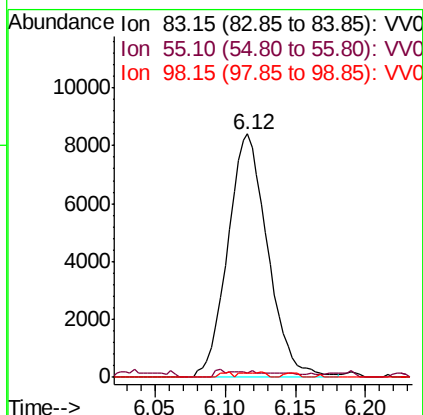
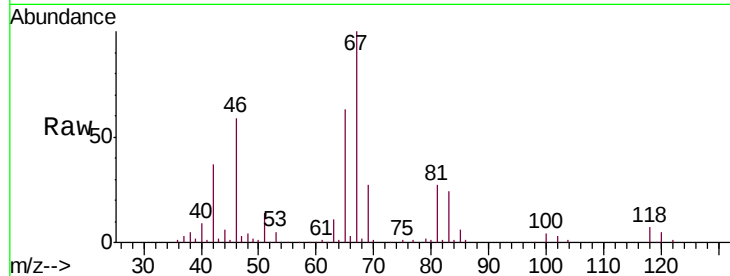




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011216.D
Acq: 04 Jun 2019 20:04

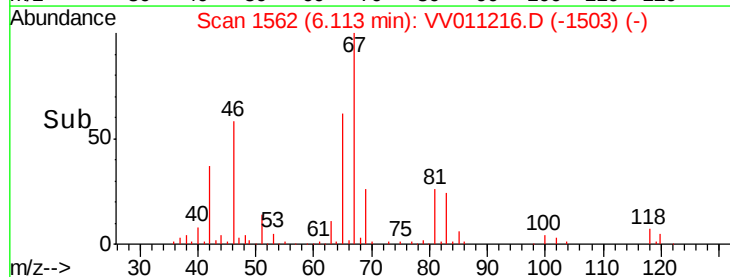
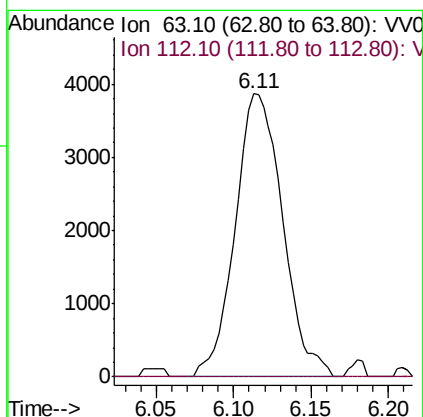
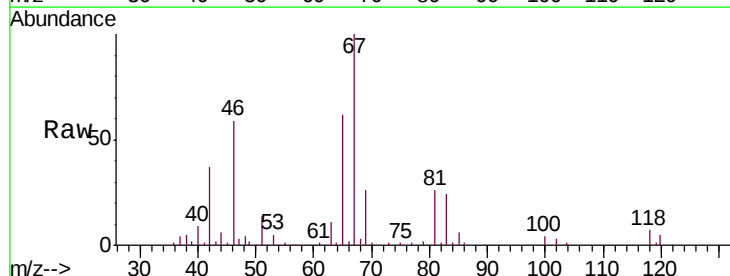
Instrument :
MSVOA_V
ClientSampled :
C0BN2

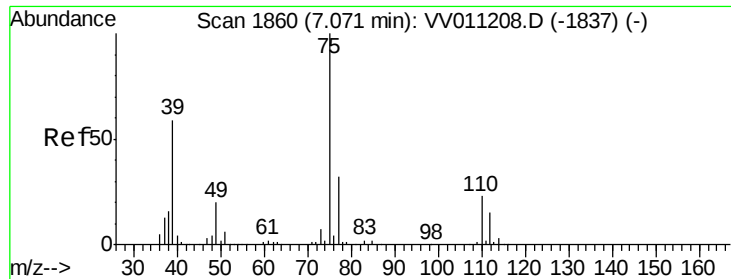
Tgt Ion: 83 Resp: 16646
Ion Ratio Lower Upper
83 100
55 0.1 67.0 100.6#
98 0.7 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011216.D
Acq: 04 Jun 2019 20:04

Tgt Ion: 63 Resp: 8245
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011216.D

Acq: 04 Jun 2019 20:04

Instrument :

MSVOA_V

ClientSampleId :

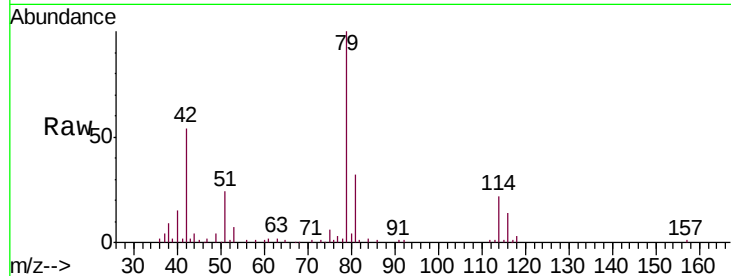
C0BN2

Tgt Ion: 75 Resp: 2263

Ion Ratio Lower Upper

75 100

77 45.5 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011208.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV011208.D (-1837) (-)

7.03

1500

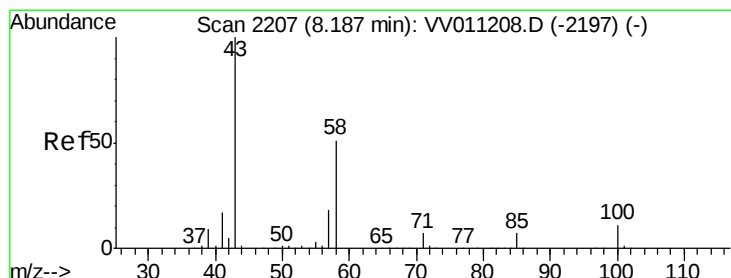
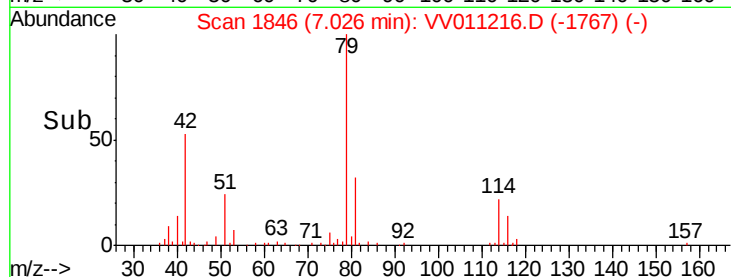
1000

500

0

7.00 7.05

Time-->



#48

2-Hexanone

Concen: 2.929 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011216.D

Acq: 04 Jun 2019 20:04

Tgt Ion: 43 Resp: 16447

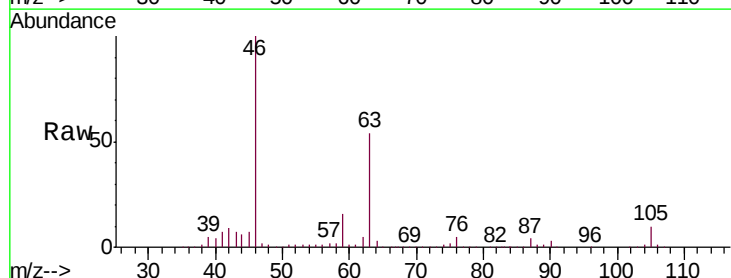
Ion Ratio Lower Upper

43 100

58 26.6 41.4 62.0#

57 24.5 15.0 22.4#

100 0.0 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV011208.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011208.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011208.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011208.D (-2197) (-)

8.13

15000

10000

5000

0

8.05 8.10 8.15 8.20

Time-->

