

Data File : VV011217.D
Acq On : 04 Jun 2019 20:29
Operator : SY/MD
Sample : K2889-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BN1

Quant Time: Jun 05 01:46:02 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	175824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62438	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.56	69	48350	4.37	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.12	63	94992	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.94	46	164349	54.79	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.58%
24) Chloroform-d	4.40	84	108836	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	61818	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.09	84	227692	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	70014	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	206676	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	25050	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	135575	56.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52245	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	67367	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

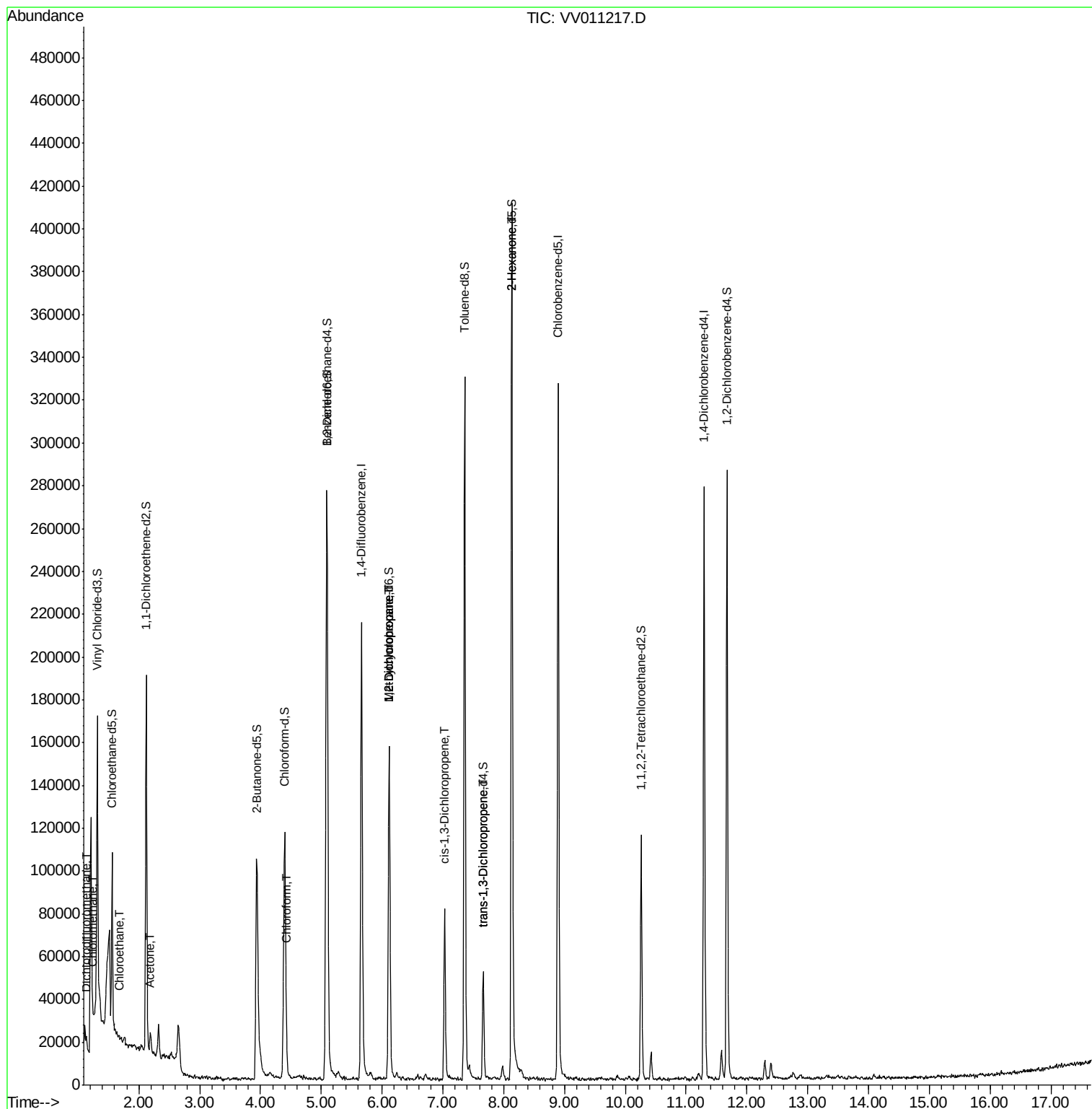
					Qvalue
2) Dichlorodifluoromethane	1.14	85	2635	0.152 ug/L	91
3) Chloromethane	1.25	50	1469	0.088 ug/L	95
8) Chloroethane	1.69	64	1746	0.169 ug/L #	60
13) Acetone	2.19	43	8662	4.307 ug/L	96
25) Chloroform	4.43	83	3233	0.128 ug/L	99
35) Methylcyclohexane	6.12	83	16827	0.767 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8630	0.675 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2171	0.116 ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	1300	0.091 ug/L #	70
48) 2-Hexanone	8.13	43	17445	3.072 ug/L #	69

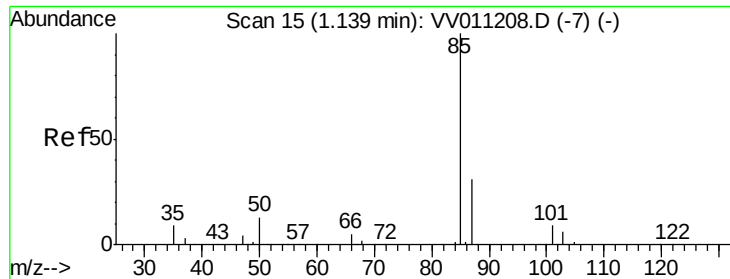
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011217.D
Acq On : 04 Jun 2019 20:29
Operator : SY/MD
Sample : K2889-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BN1

Quant Time: Jun 05 01:46:02 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





#2

Dichlorodifluoromethane

Concen: 0.152 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV011217.D

Acq: 04 Jun 2019 20:29

Instrument :

MSVOA_V

ClientSampleId :

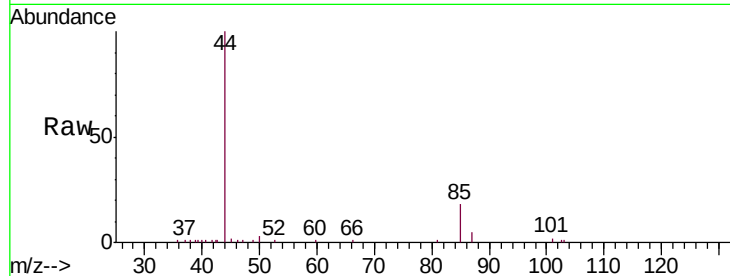
C0BN1

Tgt Ion: 85 Resp: 2635

Ion Ratio Lower Upper

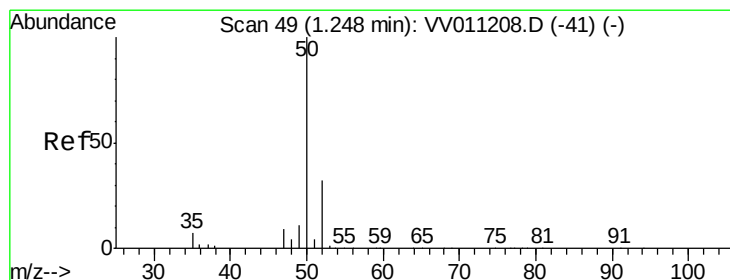
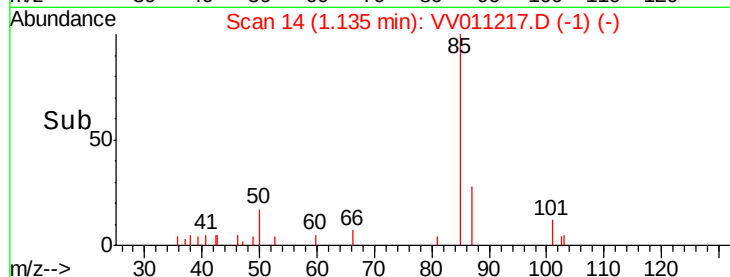
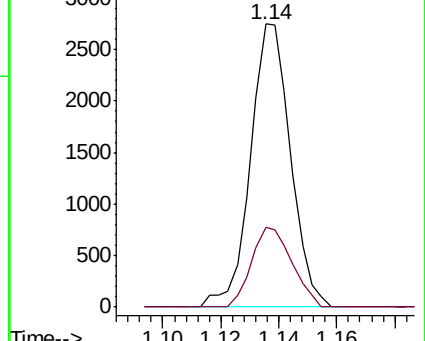
85 100

87 28.3 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VV011208.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV011208.D (-7) (-)



#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011217.D

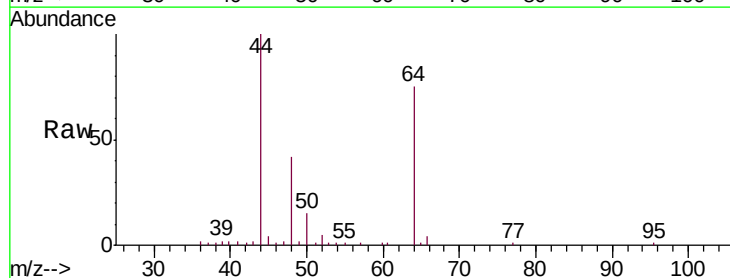
Acq: 04 Jun 2019 20:29

Tgt Ion: 50 Resp: 1469

Ion Ratio Lower Upper

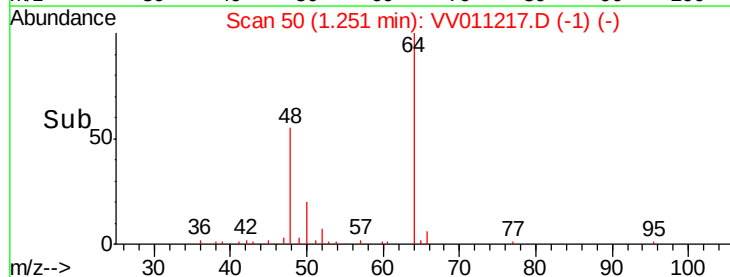
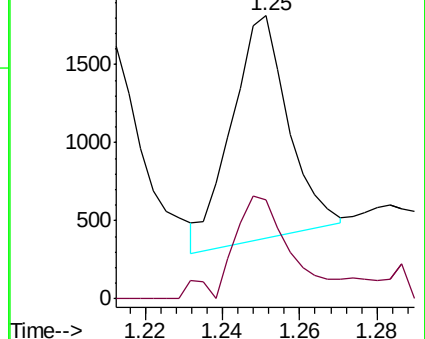
50 100

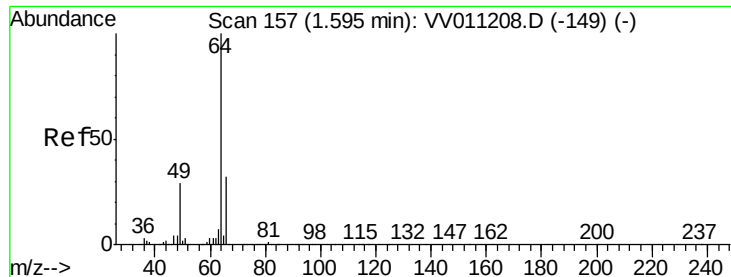
52 34.8 22.3 41.5



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

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





#8

Chloroethane

Concen: 0.169 ug/L

RT: 1.69 min Scan# 185

Delta R.T. 0.09 min

Lab File: VV011217.D

Acq: 04 Jun 2019 20:29

Instrument :

MSVOA_V

ClientSampleId :

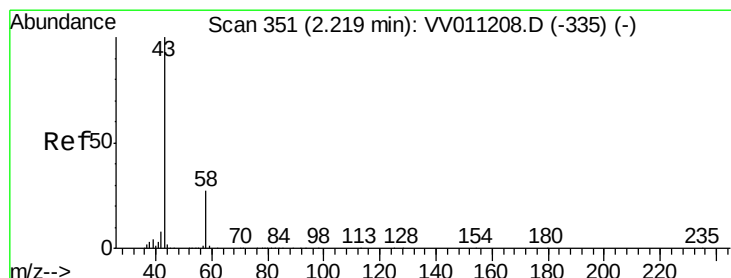
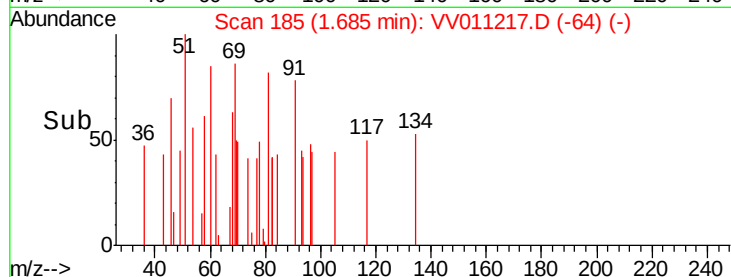
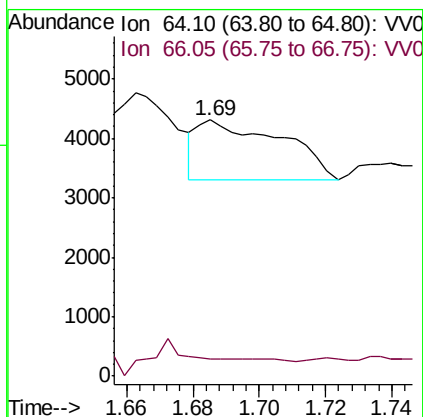
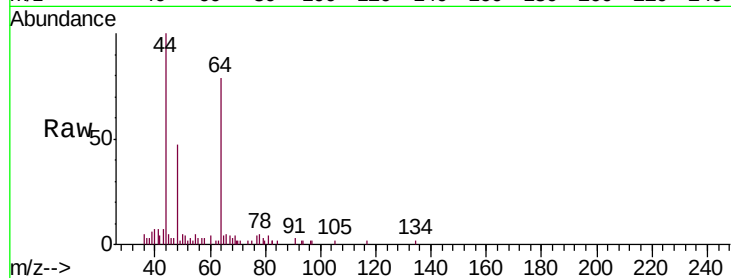
C0BN1

Tgt Ion: 64 Resp: 1746

Ion Ratio Lower Upper

64 100

66 6.7 19.4 36.0#



#13

Acetone

Concen: 4.307 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011217.D

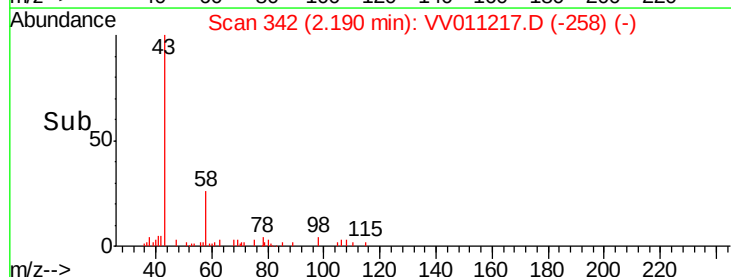
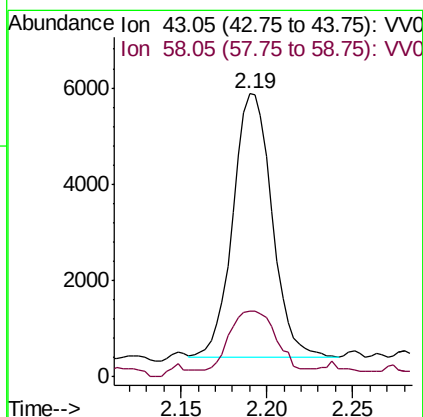
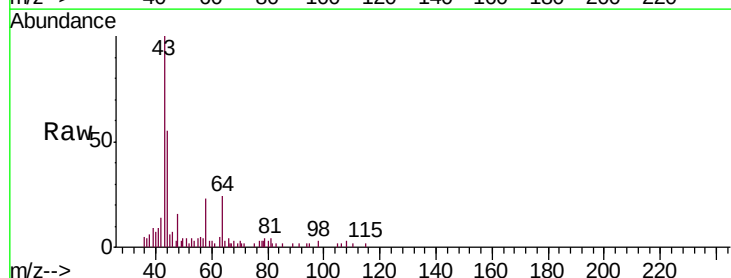
Acq: 04 Jun 2019 20:29

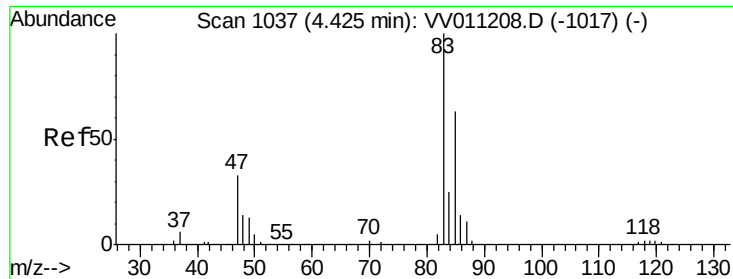
Tgt Ion: 43 Resp: 8662

Ion Ratio Lower Upper

43 100

58 29.6 0.0 55.2

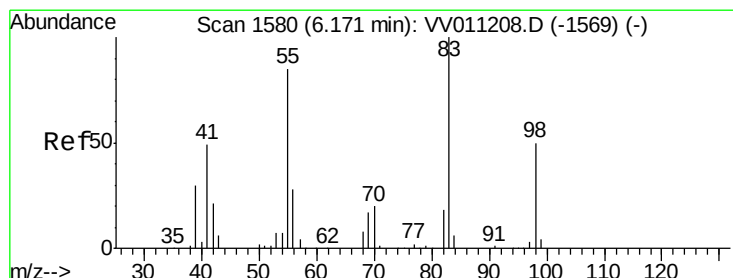
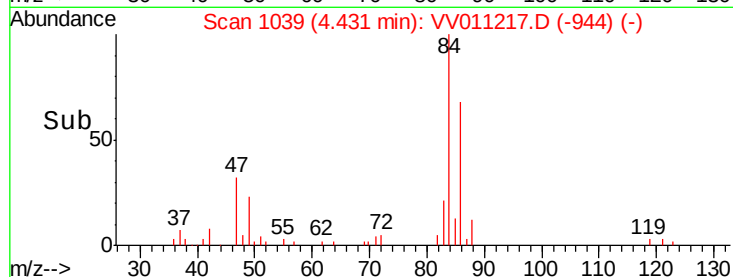
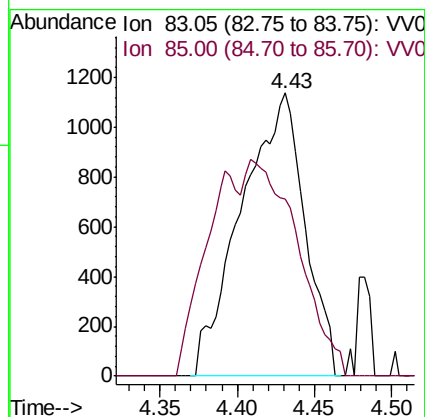
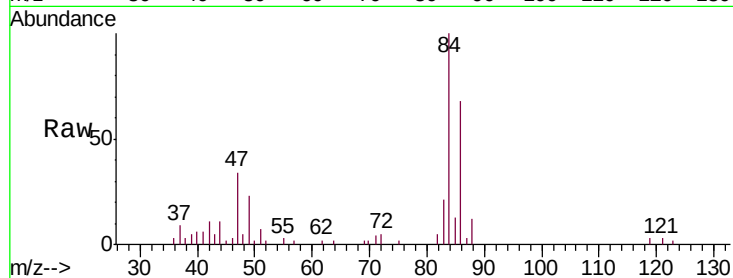




#25
Chloroform
Concen: 0.128 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011217.D
Acq: 04 Jun 2019 20:29

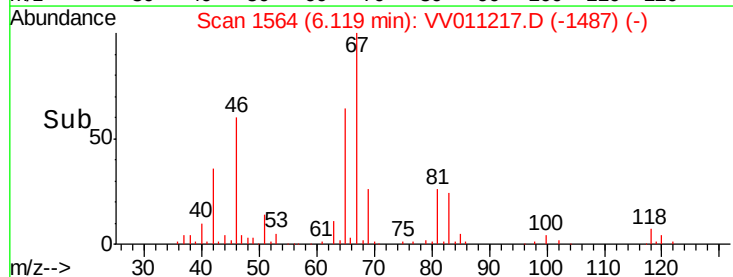
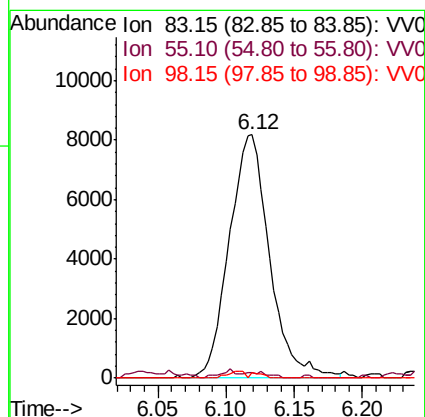
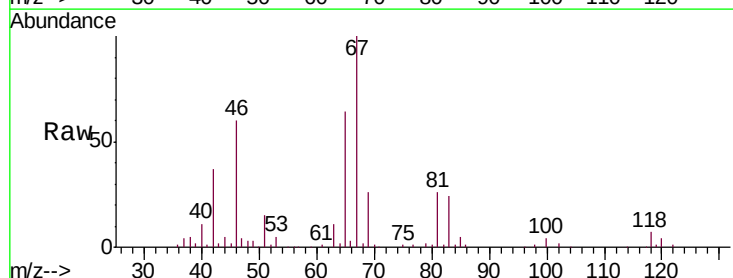
Instrument :
MSVOA_V
ClientSampled :
C0BN1

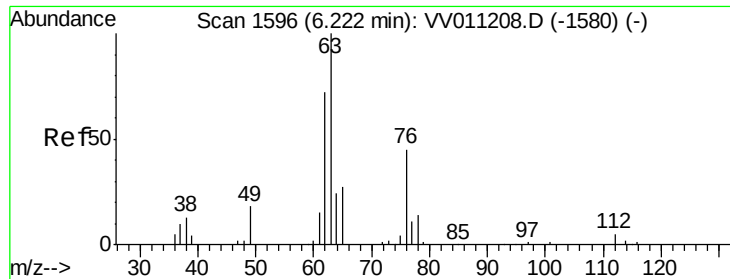
Tgt Ion: 83 Resp: 3233
Ion Ratio Lower Upper
83 100
85 62.5 44.1 81.9



#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011217.D
Acq: 04 Jun 2019 20:29

Tgt Ion: 83 Resp: 16827
Ion Ratio Lower Upper
83 100
55 1.6 67.0 100.6#
98 0.7 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011217.D

Acq: 04 Jun 2019 20:29

Instrument :

MSVOA_V

ClientSampleId :

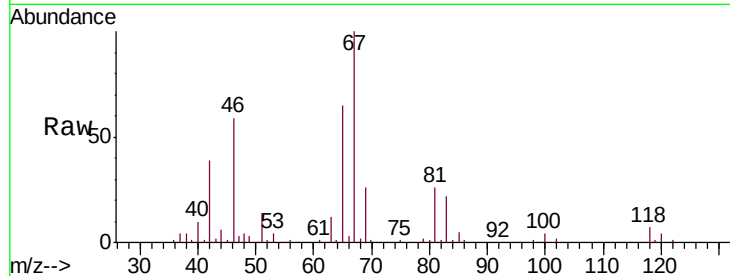
C0BN1

Tgt Ion: 63 Resp: 8630

Ion Ratio Lower Upper

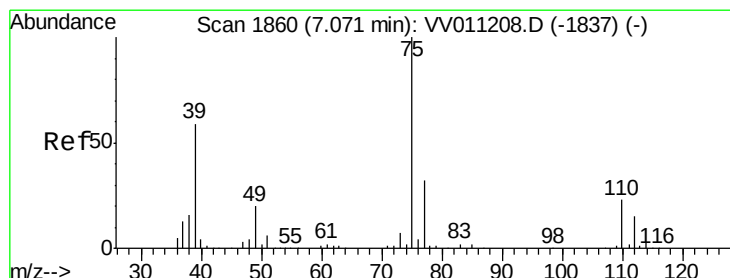
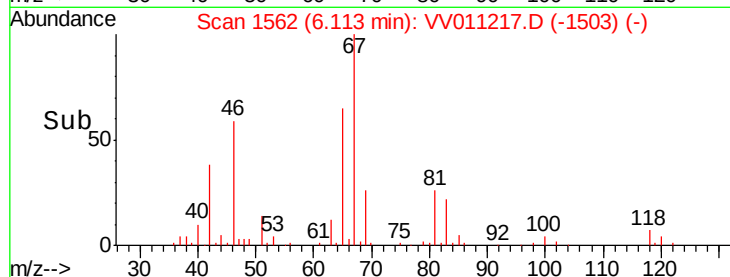
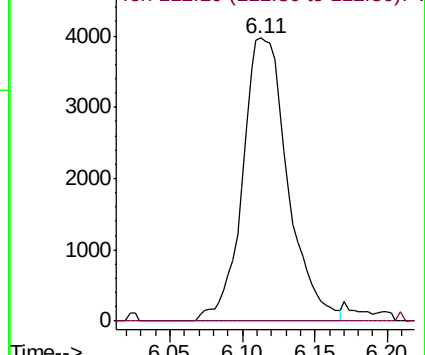
63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011208.D (-1580) (-)

Ion 112.10 (111.80 to 112.80): VV011208.D (-1580) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011217.D

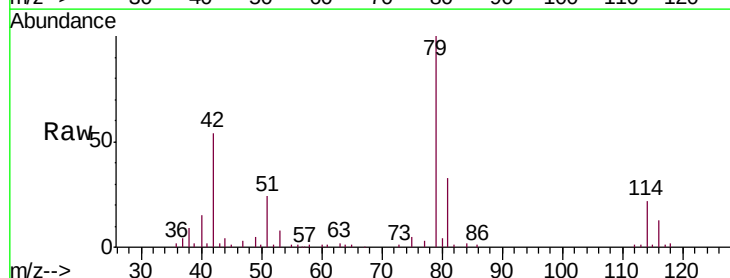
Acq: 04 Jun 2019 20:29

Tgt Ion: 75 Resp: 2171

Ion Ratio Lower Upper

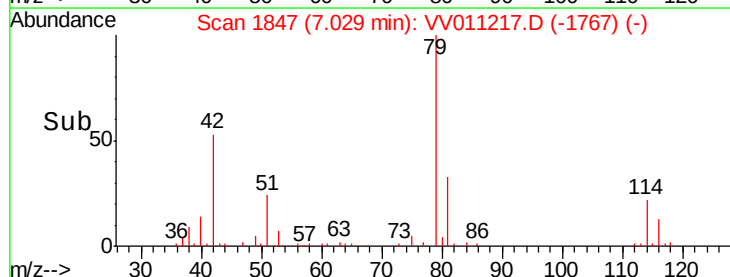
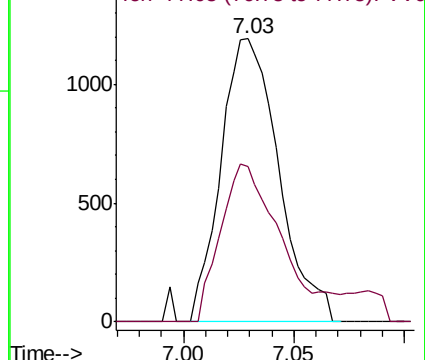
75 100

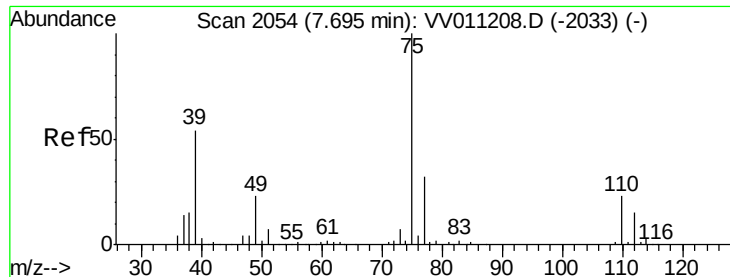
77 54.8 22.2 41.2#



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

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





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011217.D

Acq: 04 Jun 2019 20:29

Instrument :

MSVOA_V

ClientSampleId :

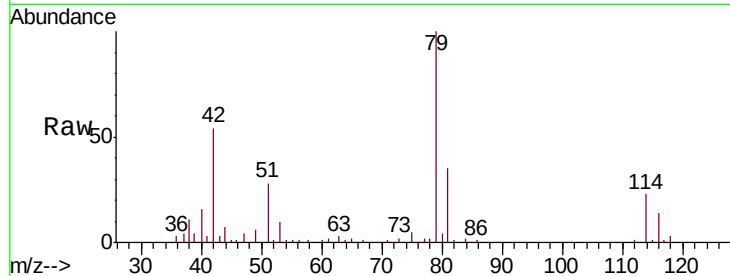
C0BN1

Tgt Ion: 75 Resp: 1300

Ion Ratio Lower Upper

75 100

77 49.8 23.1 42.9#



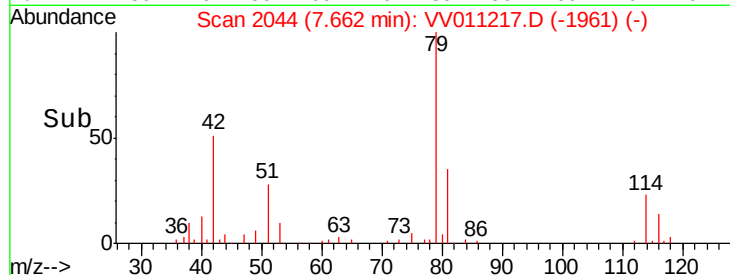
Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

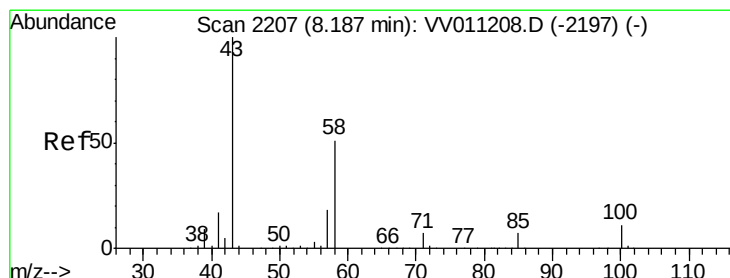
7.66

7.65

7.70



Time-->



#48

2-Hexanone

Concen: 3.072 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011217.D

Acq: 04 Jun 2019 20:29

Tgt Ion: 43 Resp: 17445

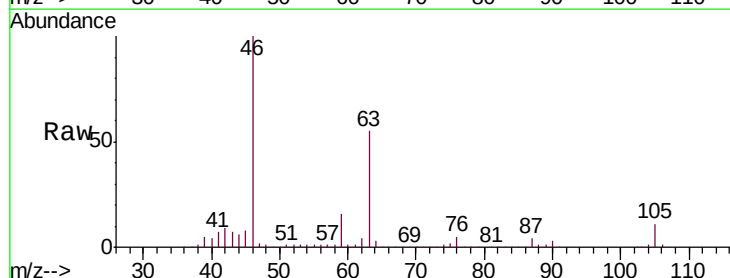
Ion Ratio Lower Upper

43 100

58 23.6 41.4 62.0#

57 22.3 15.0 22.4

100 0.2 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

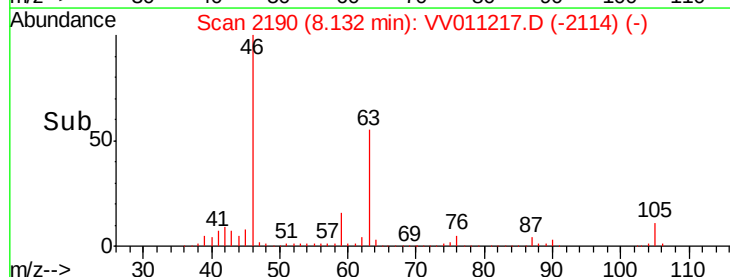
Ion 100.15 (99.85 to 100.85): VV0

8.13

8.10

8.15

8.20



Time-->