

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006839.D
 Acq On : 03 Aug 2018 06:13
 Operator : SY/MD
 Sample : J4227-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 09:09:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237994	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81429	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	72544	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	109010	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.95	46	213579	53.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.40	84	147466	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	78621	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	281876	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	96998	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.37	98	217254	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	27244	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	131126	43.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78807	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	78327	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

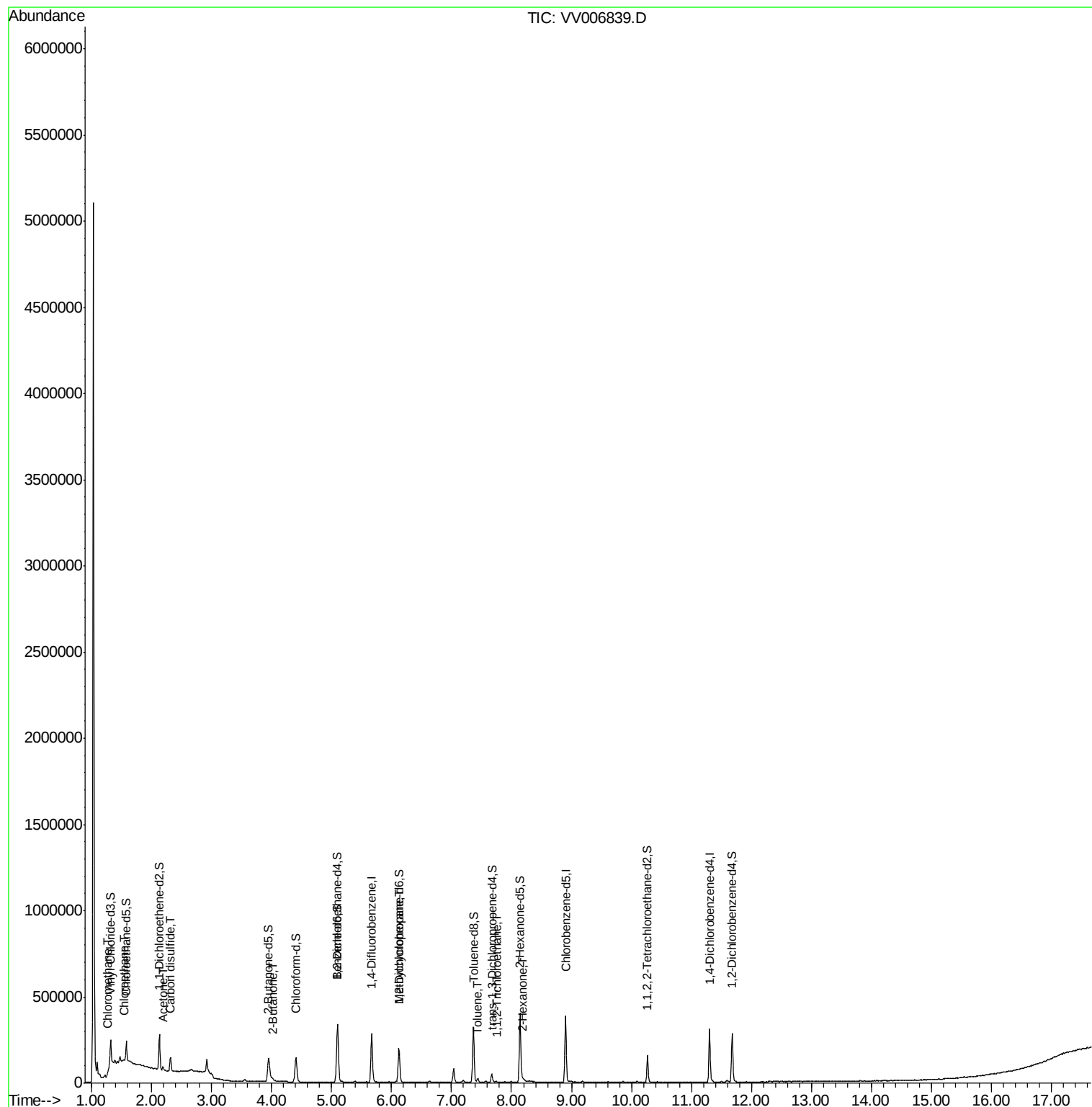
					Ovalue
3) Chloromethane	1.26	50	9222	0.336 ug/L	92
8) Chloroethane	1.54	64	41152	2.868 ug/L #	51
13) Acetone	2.19	43	20751	7.360 ug/L	96
14) Carbon disulfide	2.32	76	49360	1.094 ug/L #	94
21) 2-Butanone	4.03	43	1706	0.396 ug/L #	45
35) Methylcyclohexane	6.12	83	22237	0.832 ug/L #	19
42) Toluene	7.44	91	13367	0.205 ug/L	93
45) 1,1,2-Trichloroethane	7.75	97	2907	0.232 ug/L #	16
48) 2-Hexanone	8.19	43	2860	0.439 ug/L #	62

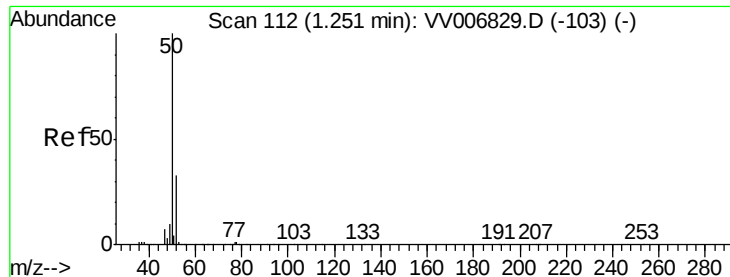
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.336 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

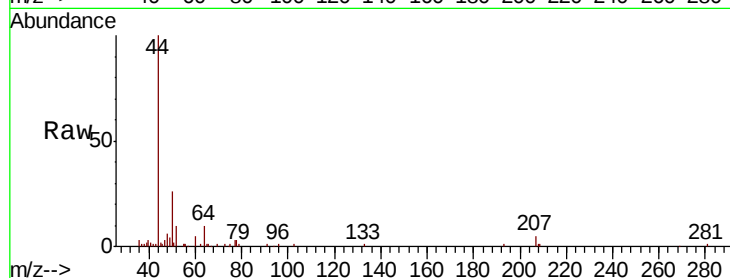
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 9222

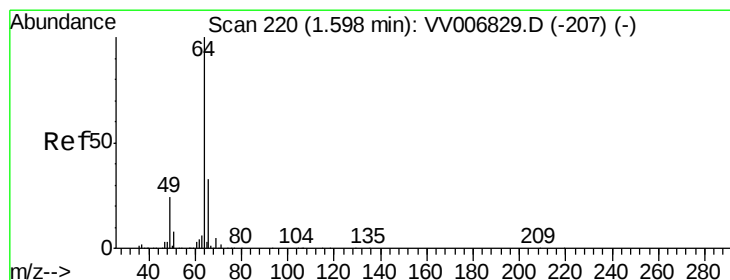
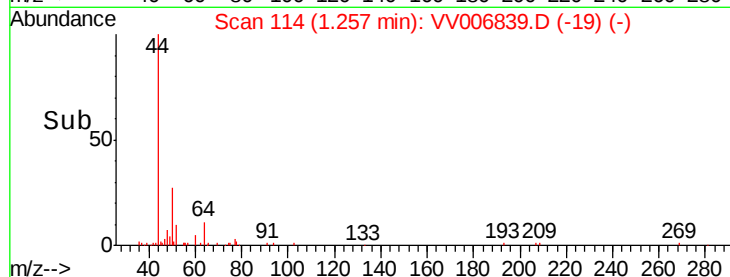
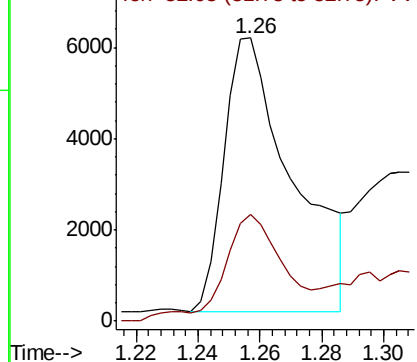
Ion Ratio Lower Upper

50 100

52 37.9 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 2.868 ug/L

RT: 1.54 min Scan# 203

Delta R.T. -0.05 min

Lab File: VV006839.D

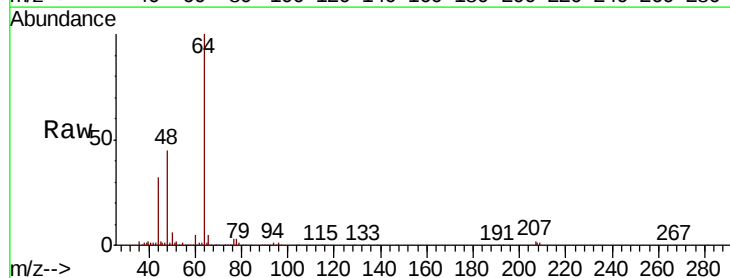
Acq: 03 Aug 2018 06:13

Tgt Ion: 64 Resp: 41152

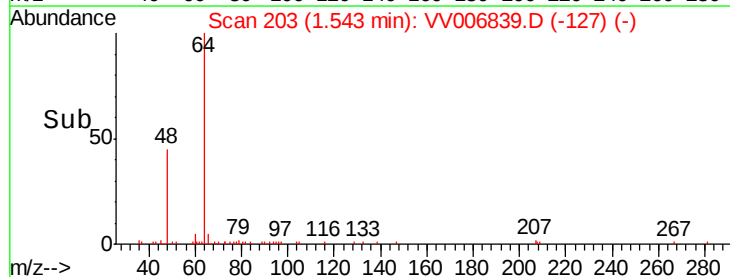
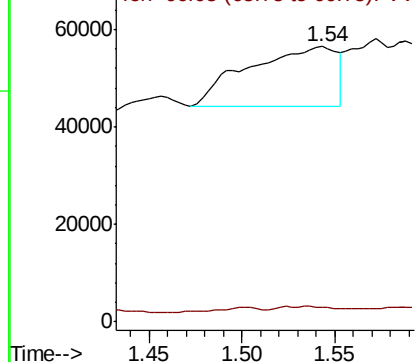
Ion Ratio Lower Upper

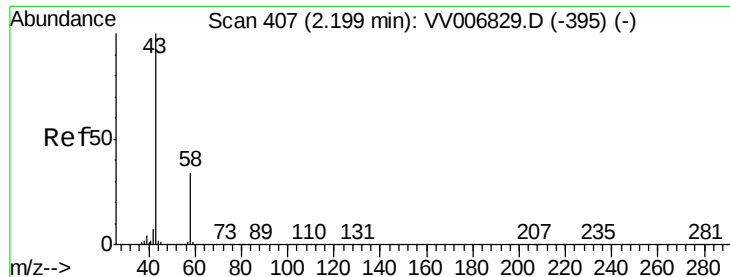
64 100

66 5.2 23.0 42.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0
Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 7.360 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

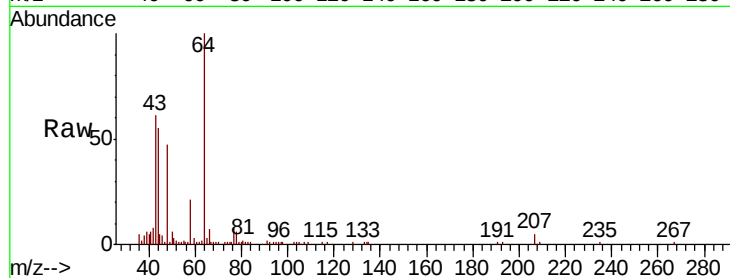
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20751

Ion Ratio Lower Upper

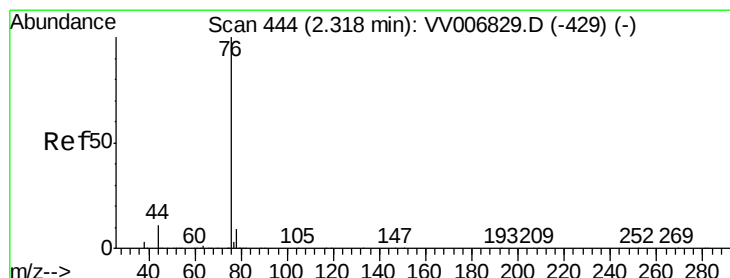
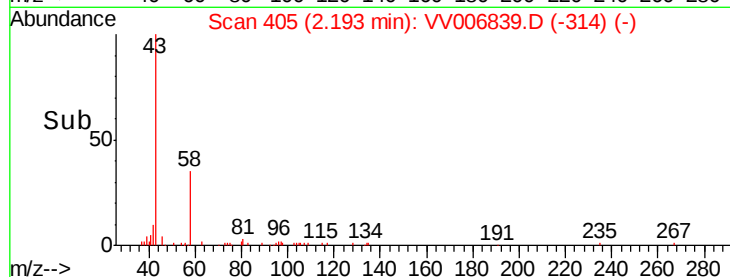
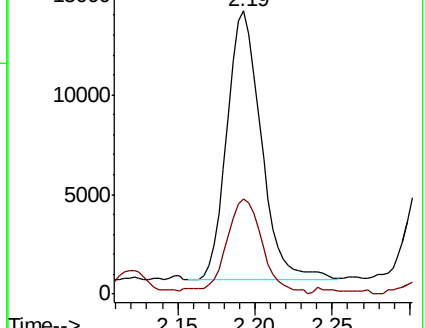
43 100

58 36.7 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006839.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006839.D (-395) (-)



#14

Carbon disulfide

Concen: 1.094 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006839.D

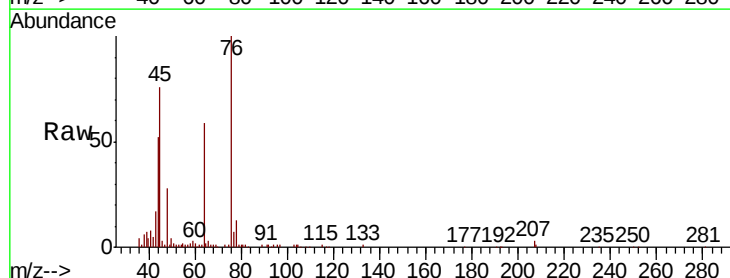
Acq: 03 Aug 2018 06:13

Tgt Ion: 76 Resp: 49360

Ion Ratio Lower Upper

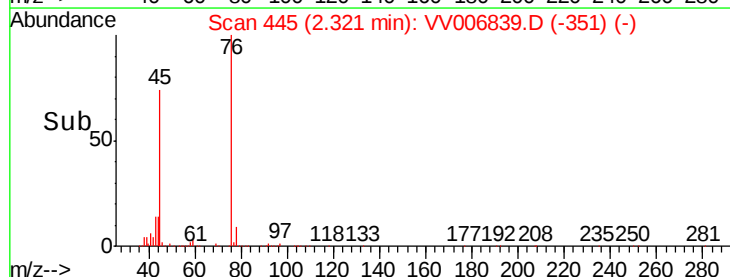
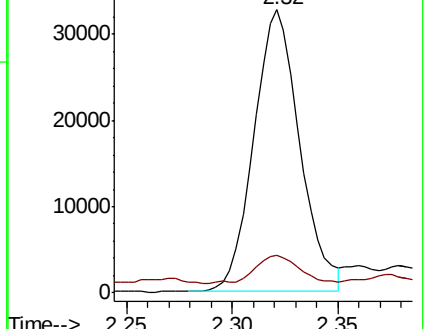
76 100

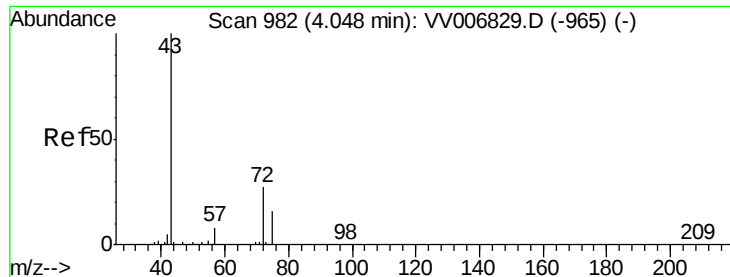
78 13.2 8.7 13.1#



Abundance Ion 76.05 (75.75 to 76.75): VV006839.D (-429) (-)

Ion 78.00 (77.70 to 78.70): VV006839.D (-429) (-)





#21

2-Butanone

Concen: 0.396 ug/L

RT: 4.03 min Scan# 978

Delta R.T. -0.01 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

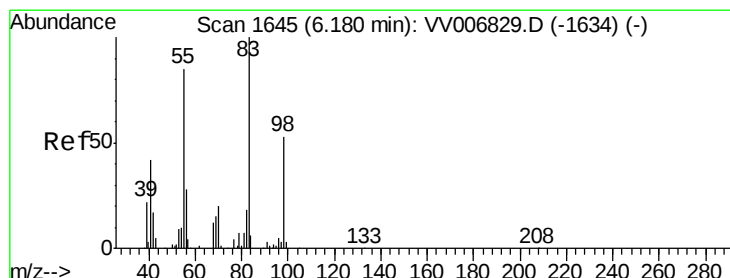
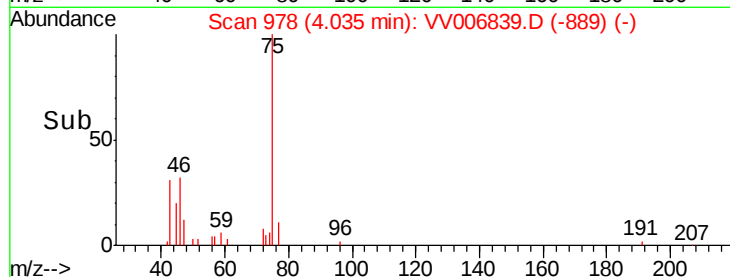
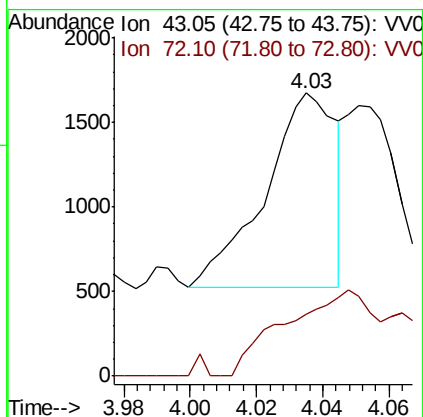
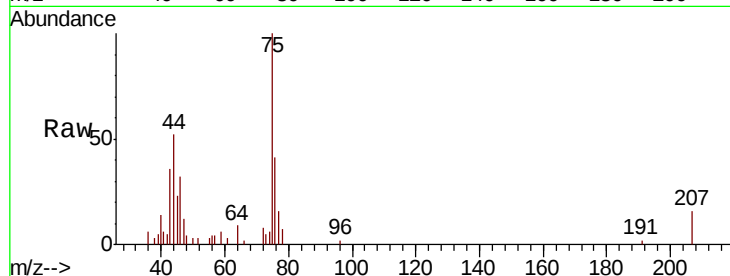
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1706

Ion Ratio Lower Upper

43 100

72 54.9 13.4 40.1#



#35

Methylcyclohexane

Concen: 0.832 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

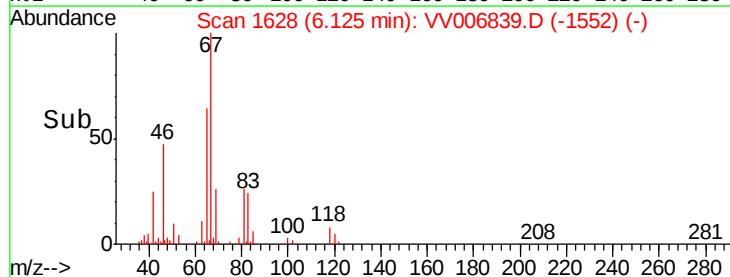
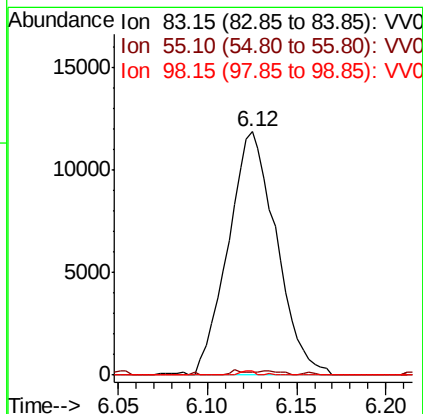
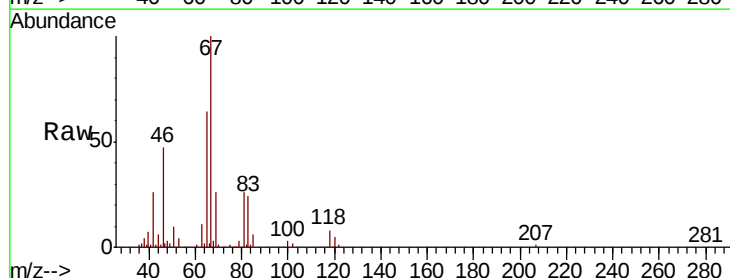
Tgt Ion: 83 Resp: 22237

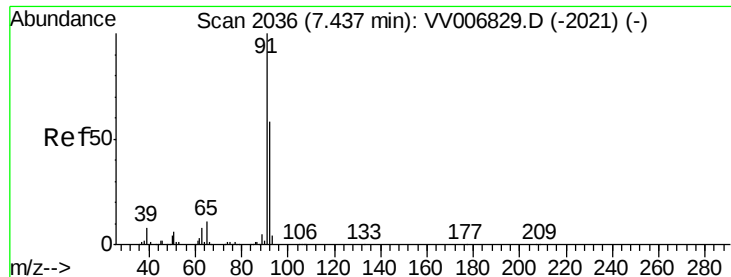
Ion Ratio Lower Upper

83 100

55 0.5 61.8 92.6#

98 0.5 37.2 55.8#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

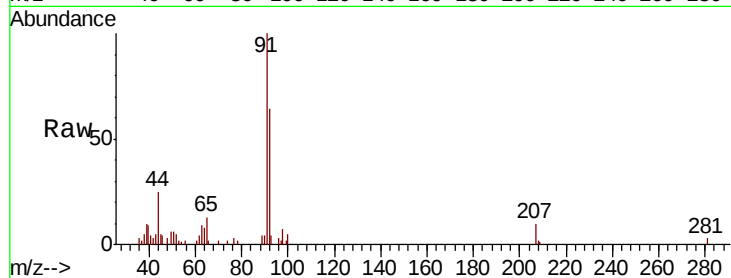
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 13367

Ion Ratio Lower Upper

91 100

92 64.1 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV006839.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VV006839.D (-2021) (-)

7.44

8000

6000

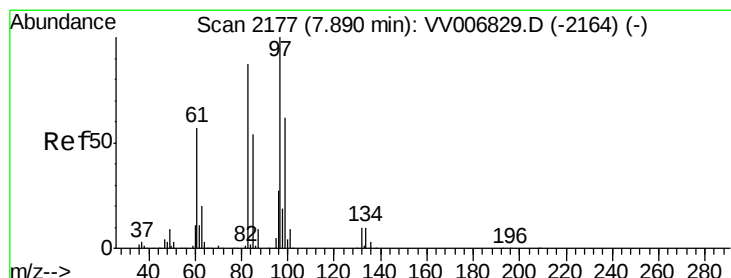
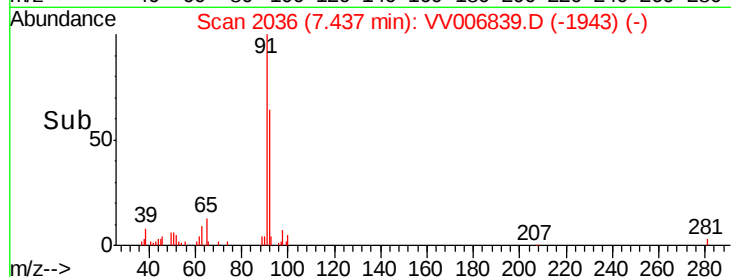
4000

2000

0

7.40 7.45 7.50

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.232 ug/L

RT: 7.75 min Scan# 2132

Delta R.T. -0.14 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

Tgt Ion: 97 Resp: 2907

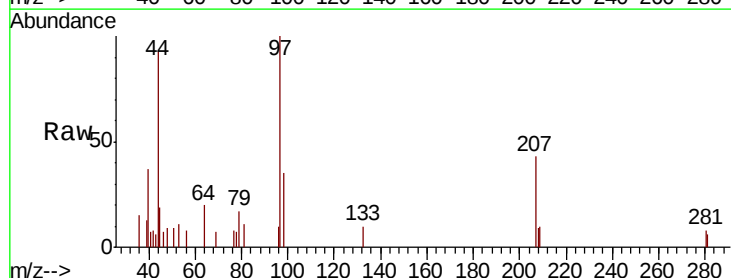
Ion Ratio Lower Upper

97 100

99 0.0 42.2 78.4#

83 0.0 58.0 107.8#

85 0.0 38.2 71.0#



Abundance Ion 96.95 (96.65 to 97.65): VV006839.D (-2164) (-)

Ion 99.05 (98.75 to 99.75): VV006839.D (-2164) (-)

Ion 82.95 (82.65 to 83.65): VV006839.D (-2164) (-)

Ion 85.00 (84.70 to 85.70): VV006839.D (-2164) (-)

2500

2000

1500

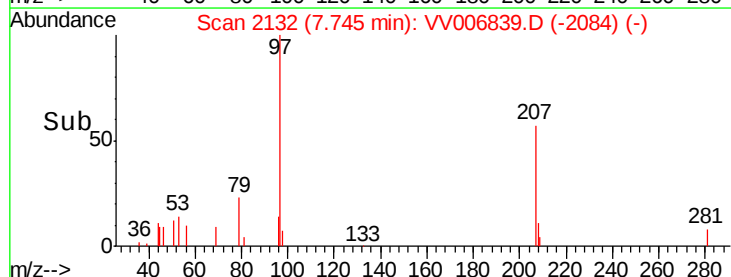
1000

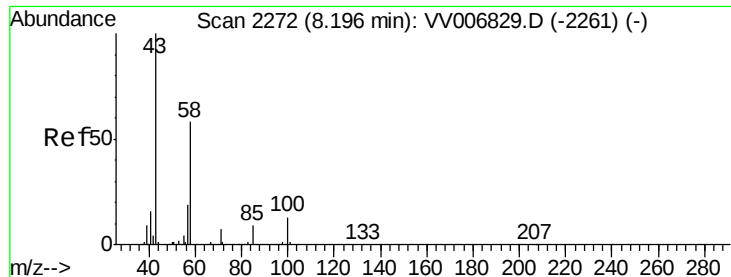
500

0

7.70 7.75 7.80

Time-->





#48

2-Hexanone

Concen: 0.439 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.01 min

Lab File: VV006839.D

Acq: 03 Aug 2018 06:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

58 96.4 45.4 68.0#

57 25.1 15.4 23.2#

100 10.3 10.6 16.0#

