

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006819.D
 Acq On : 02 Aug 2018 20:22
 Operator : SY/MD
 Sample : J4315-08
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:59:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76632	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	68231	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	107465	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.96	46	216772	59.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	4.41	84	137908	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.09	65	73348	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	276462	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	91427	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.37	98	216638	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	30587	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.14	63	146094	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73295	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	75873	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

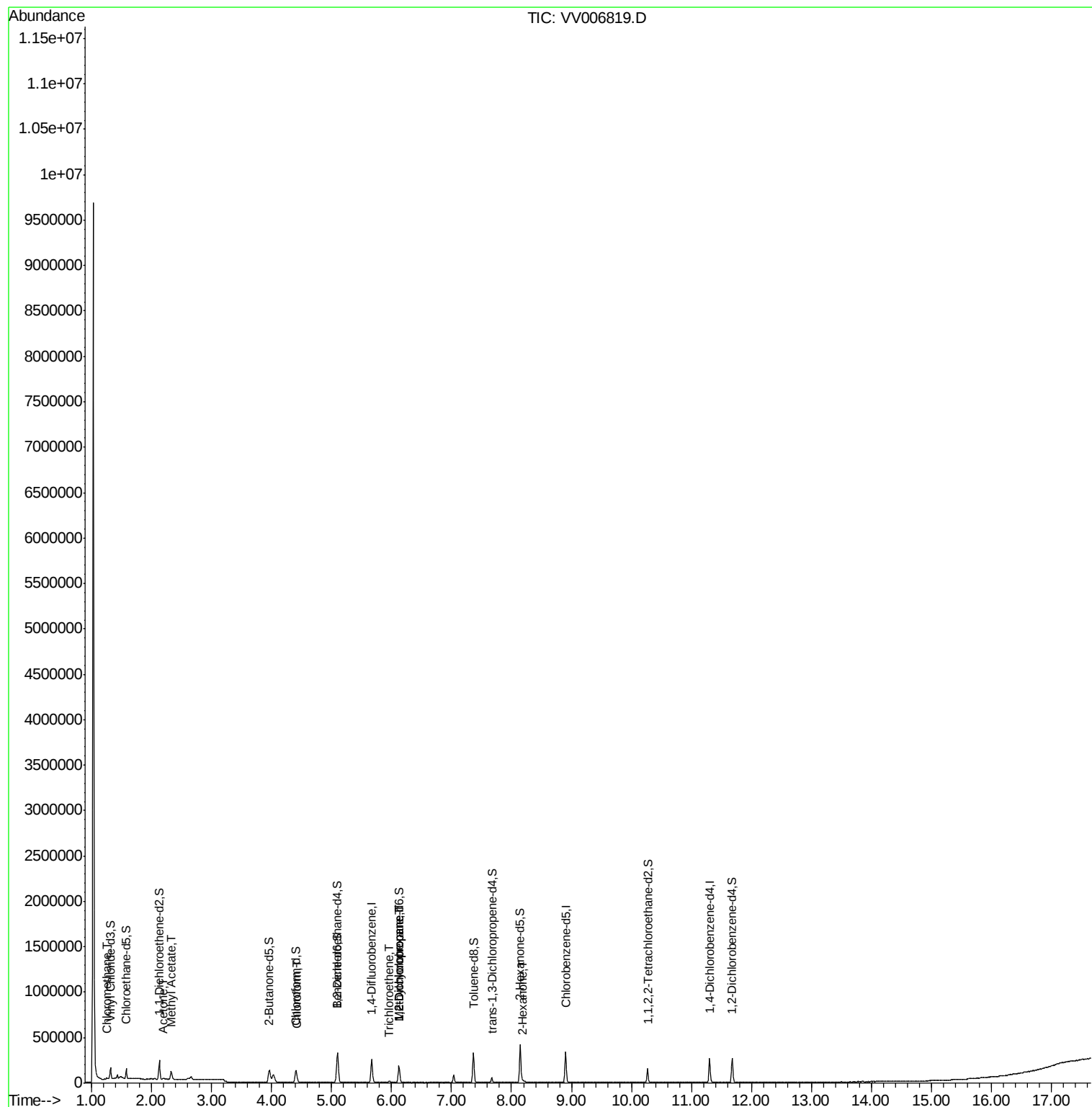
					Ovalue
3) Chloromethane	1.25	50	9236	0.368 ug/L	83
13) Acetone	2.20	43	6464	2.511 ug/L	98
15) Methyl Acetate	2.33	43	21127	2.726 ug/L #	56
25) Chloroform	4.43	83	5967	0.217 ug/L	90
34) Trichloroethene	5.97	95	5886	0.393 ug/L	88
35) Methylcyclohexane	6.12	83	20925	0.880 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9822	0.636 ug/L #	90
48) 2-Hexanone	8.20	43	5628	0.971 ug/L #	93

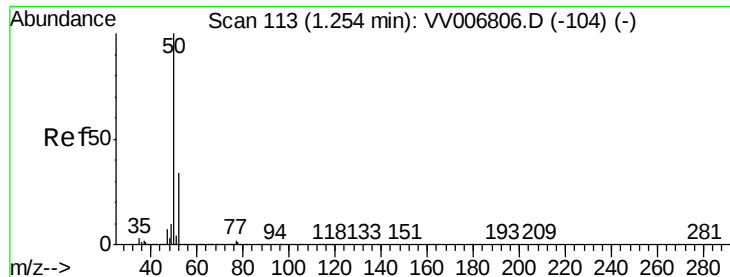
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.368 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006819.D

Acq: 02 Aug 2018 20:22

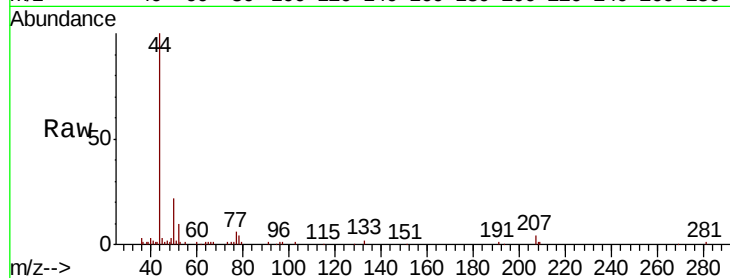
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 9236

Ion Ratio Lower Upper

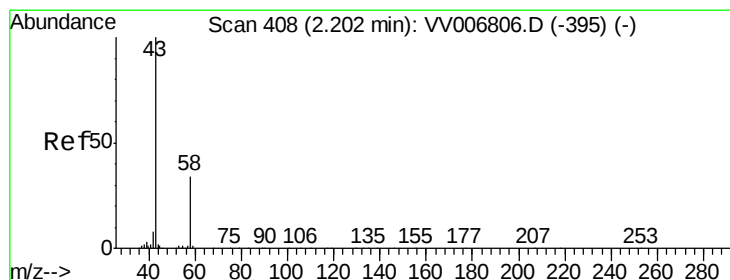
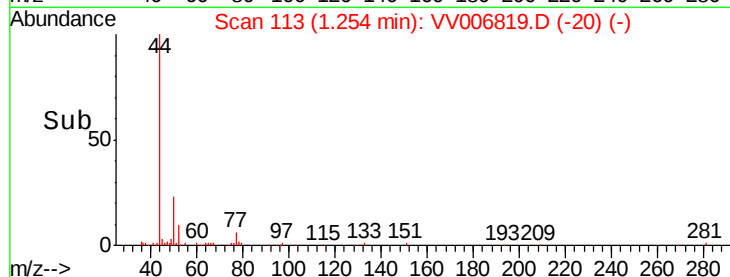
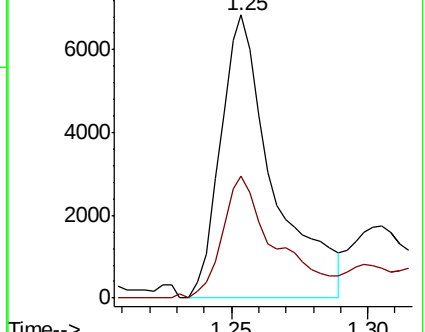
50 100

52 43.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006819.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006819.D (-104) (-)



#13

Acetone

Concen: 2.511 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.01 min

Lab File: VV006819.D

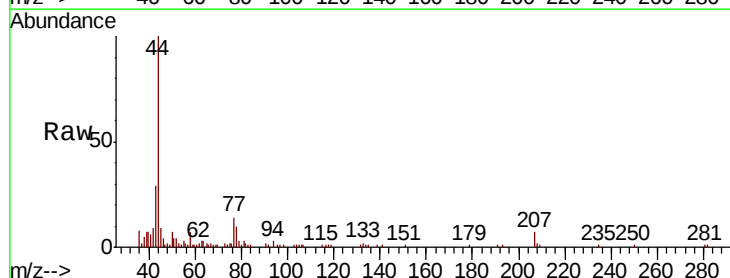
Acq: 02 Aug 2018 20:22

Tgt Ion: 43 Resp: 6464

Ion Ratio Lower Upper

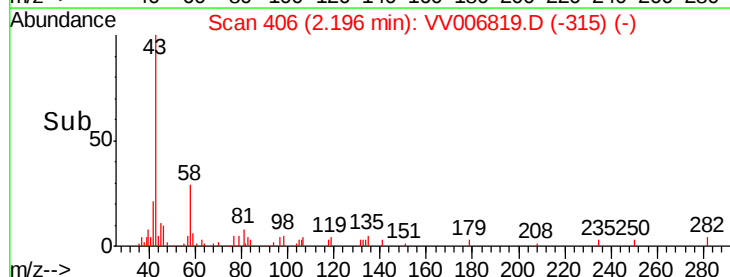
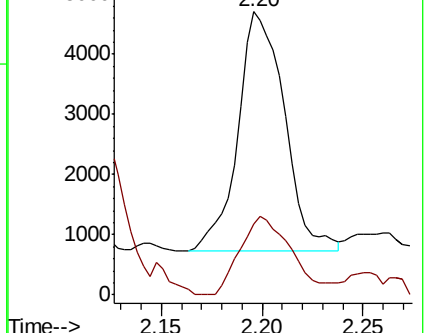
43 100

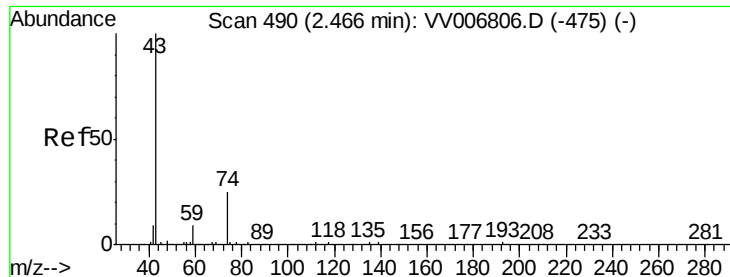
58 35.6 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006819.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006819.D (-395) (-)





#15

Methvl Acetate

Concen: 2.726 ug/L

RT: 2.33 min Scan# 447

Delta R.T. -0.14 min

Lab File: VV006819.D

Acq: 02 Aug 2018 20:22

Instrument :

MSVOA_V

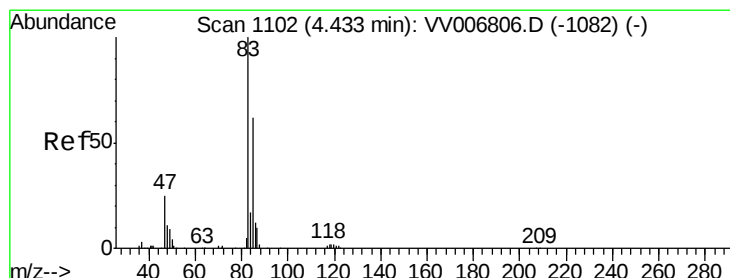
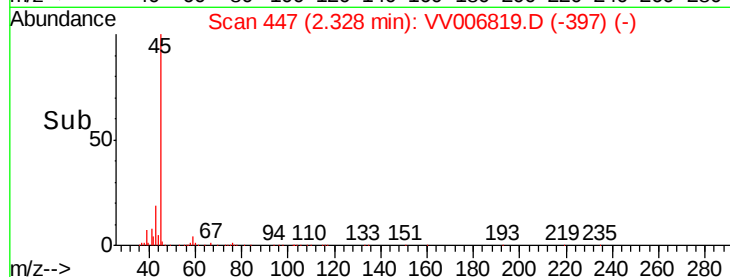
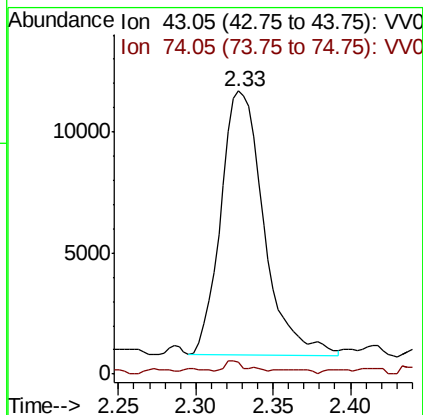
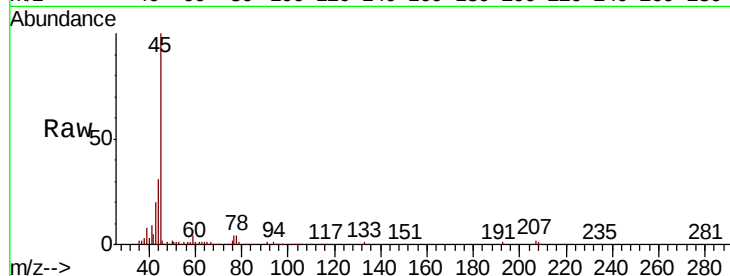
ClientSampleId :

Tot Ion: 43 Resp: 21127

Ion Ratio Lower Upper

43 100

74 1.6 18.3 27.5#



#25

Chloroform

Concen: 0.217 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV006819.D

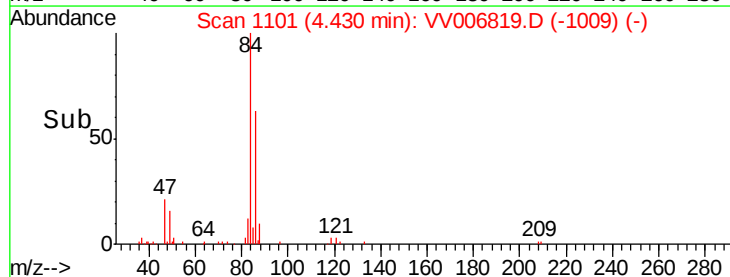
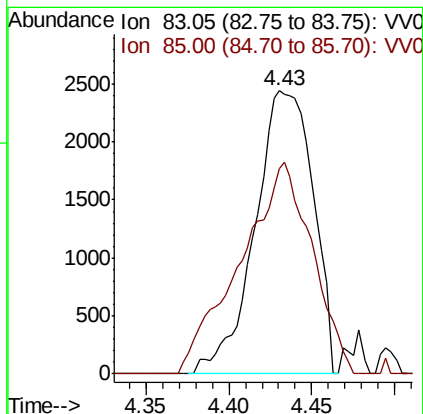
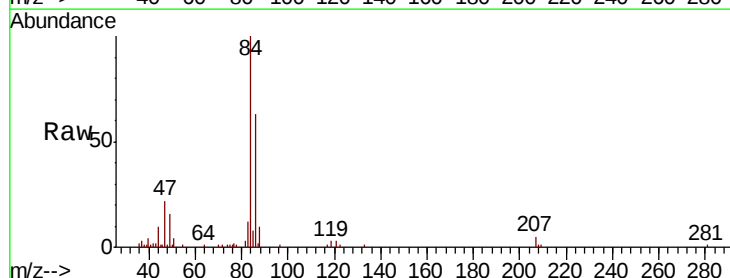
Acq: 02 Aug 2018 20:22

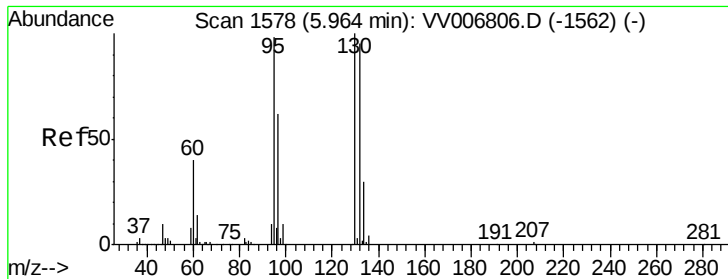
Tgt Ion: 83 Resp: 5967

Ion Ratio Lower Upper

83 100

85 72.4 45.4 84.2





#34

Trichloroethene

Concen: 0.393 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006819.D

Acq: 02 Aug 2018 20:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 5886

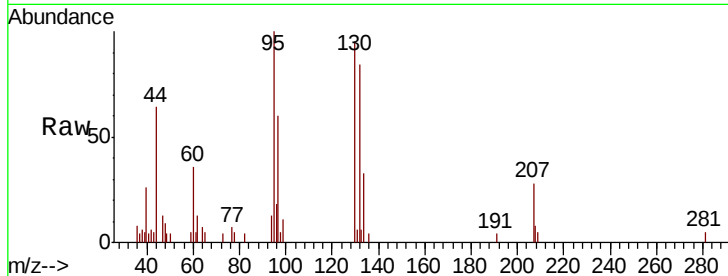
Ion Ratio Lower Upper

95 100

97 60.2 46.3 86.1

132 84.1 72.0 133.6

130 95.1 72.4 134.4

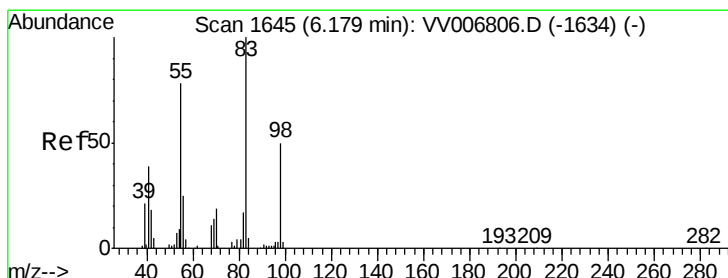
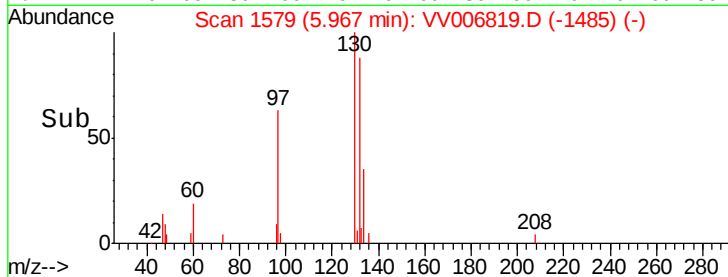
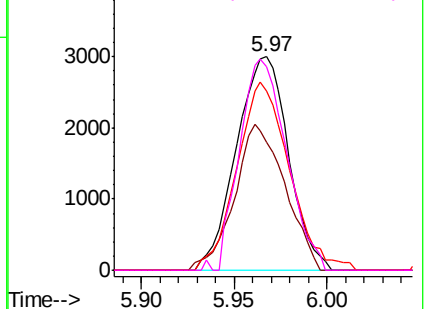


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.880 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006819.D

Acq: 02 Aug 2018 20:22

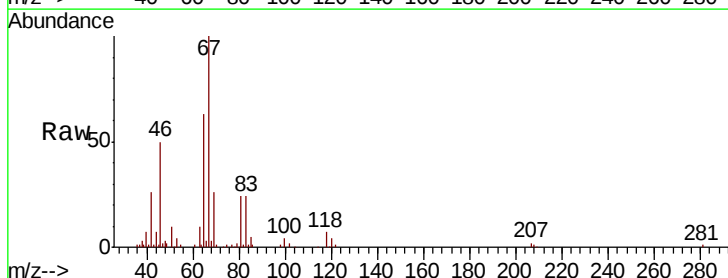
Tgt Ion: 83 Resp: 20925

Ion Ratio Lower Upper

83 100

55 0.6 61.8 92.6#

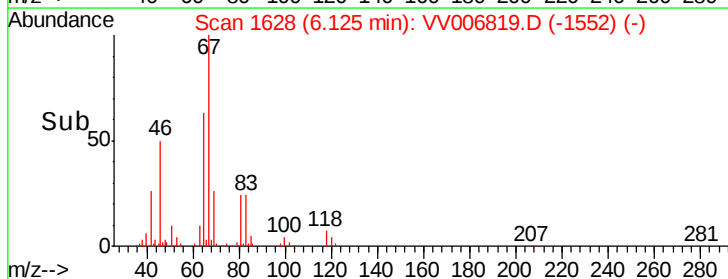
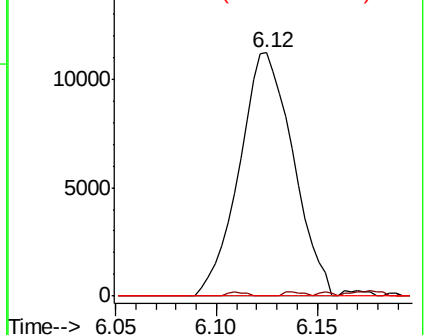
98 0.0 37.2 55.8#

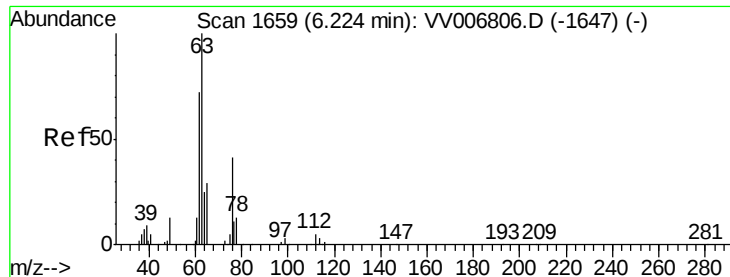


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

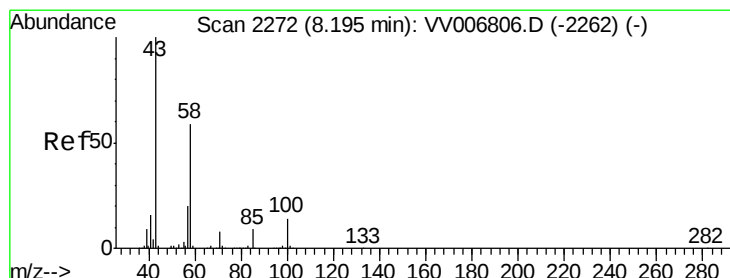
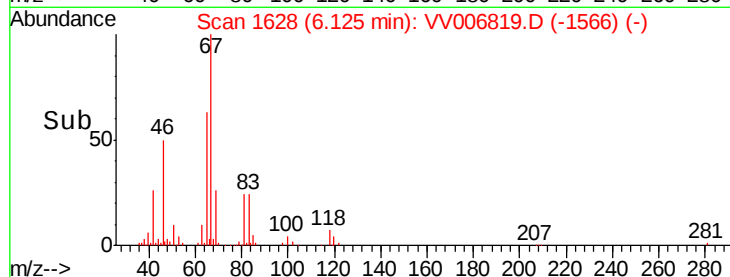
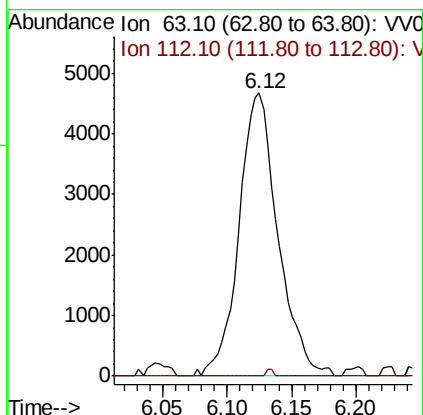
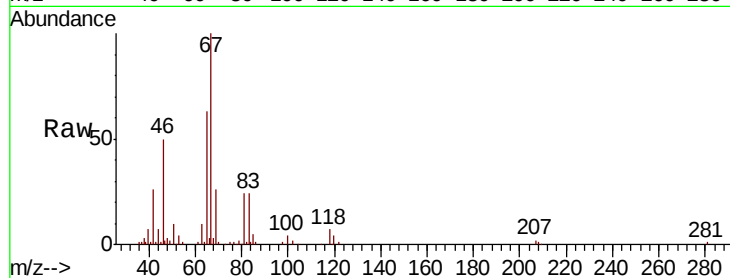




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006819.D
 Acq: 02 Aug 2018 20:22

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 9822
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.6#



#48
 2-Hexanone
 Concen: 0.971 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006819.D
 Acq: 02 Aug 2018 20:22

Tgt Ion: 43 Resp: 5628
 Ion Ratio Lower Upper
 43 100
 58 58.0 45.4 68.0
 57 14.7 15.4 23.2#
 100 4.8 10.6 16.0#

