

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081419\
 Data File : VV012236.D
 Acq On : 14 Aug 2019 15:52
 Operator : SY/MD
 Sample : K4337-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 15 18:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 18:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220973	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53596	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	44530	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.13	63	71450	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	117034	39.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.60%
24) Chloroform-d	4.40	84	109385	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.08	65	52504	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.09	84	218863	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.11	67	65012	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.36	98	185185	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.66	79	22790	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.14	63	62660	31.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41349	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	66210	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

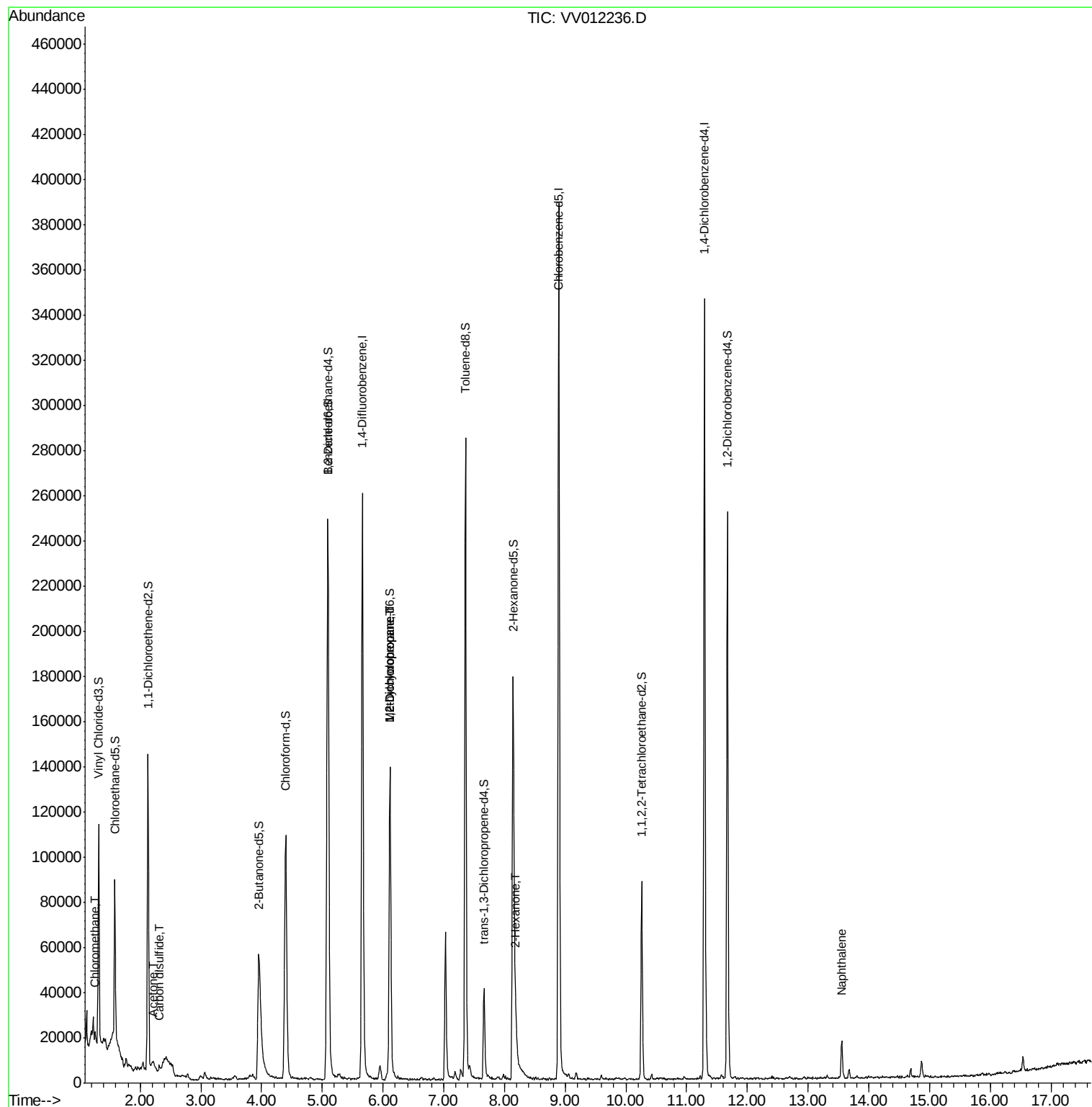
					Ovalue
3) Chloromethane	1.25	50	2336	0.122 ug/L	91
13) Acetone	2.22	43	6455	3.523 ug/L	93
14) Carbon disulfide	2.32	76	2217	0.065 ug/L #	70
35) Methylcyclohexane	6.11	83	15545	0.566 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	7771	0.477 ug/L #	88
48) 2-Hexanone	8.19	43	11778	1.868 ug/L #	79
69) Naphthalene	13.55	128	12555	0.503 ug/L	98

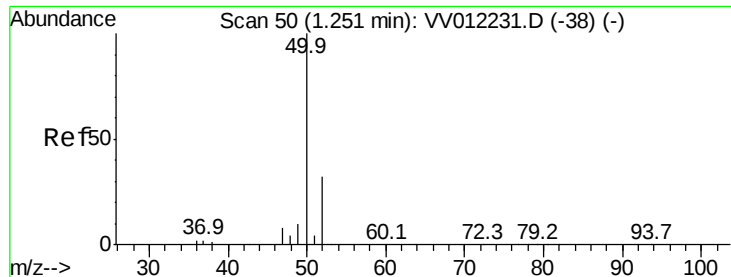
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012236.D

Acq: 14 Aug 2019 15:52

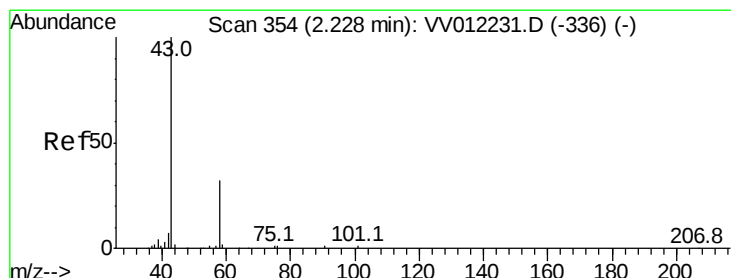
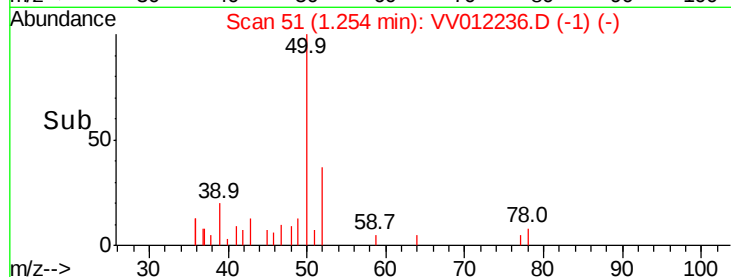
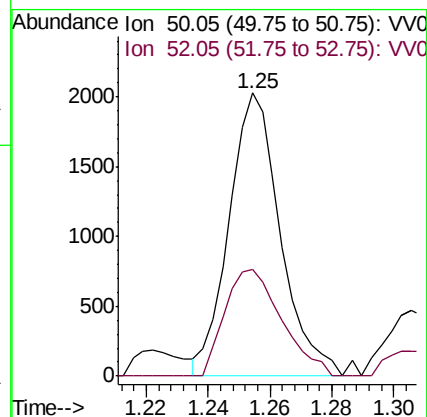
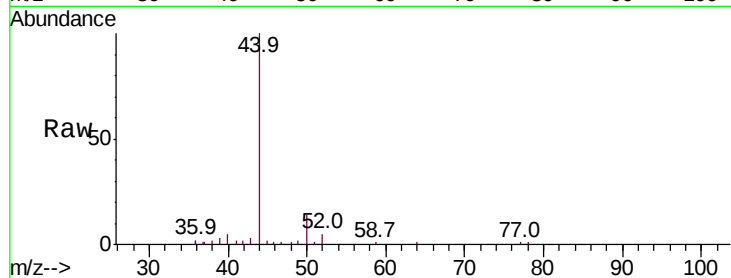
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 2336

Ion Ratio Lower Upper

50 100

52 37.5 22.6 42.0



#13

Acetone

Concen: 3.523 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV012236.D

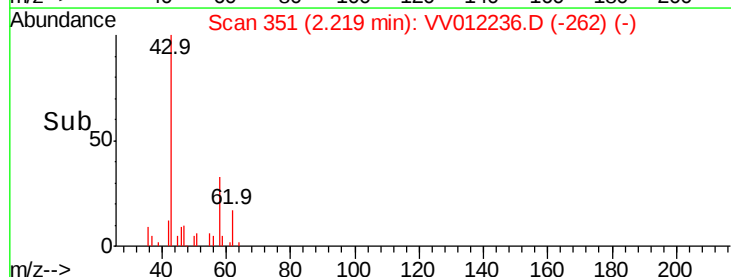
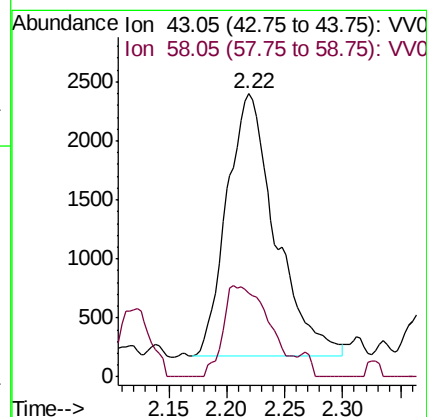
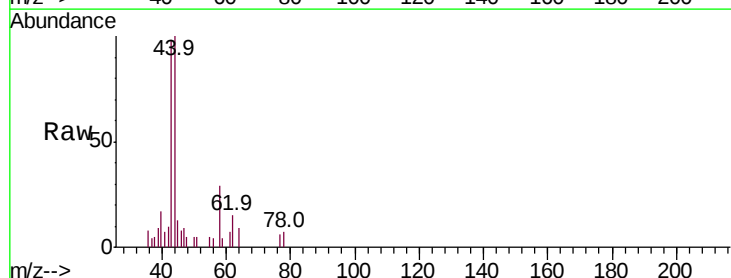
Acq: 14 Aug 2019 15:52

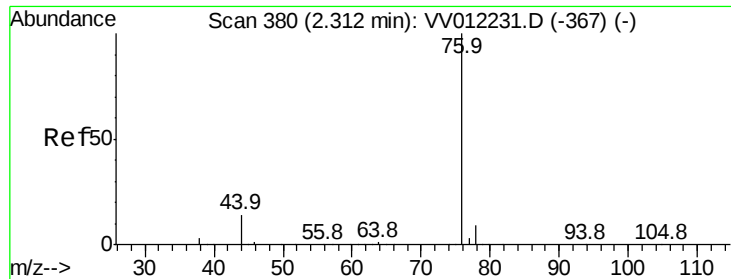
Tgt Ion: 43 Resp: 6455

Ion Ratio Lower Upper

43 100

58 33.5 0.0 59.4





#14

Carbon disulfide

Concen: 0.065 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012236.D

Acq: 14 Aug 2019 15:52

Instrument :

MSVOA_V

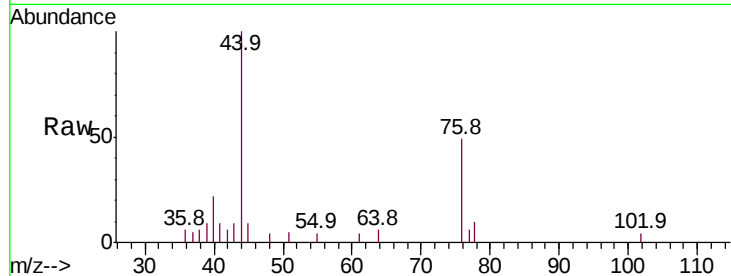
ClientSampled :

Tot Ion: 76 Resp: 2217

Ion Ratio Lower Upper

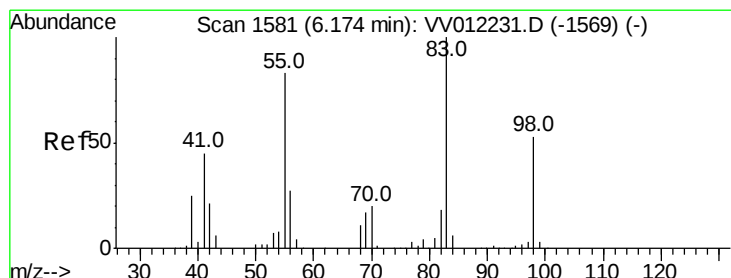
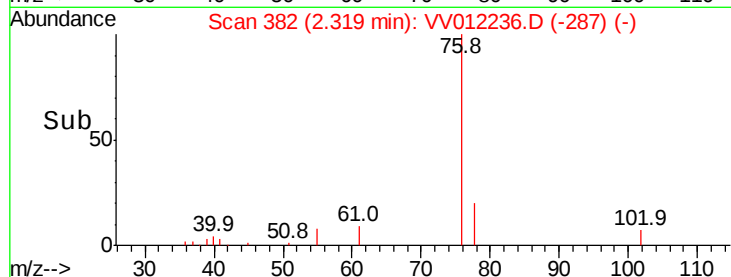
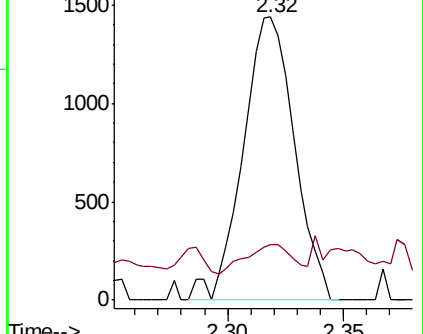
76 100

78 19.7 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 0.566 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV012236.D

Acq: 14 Aug 2019 15:52

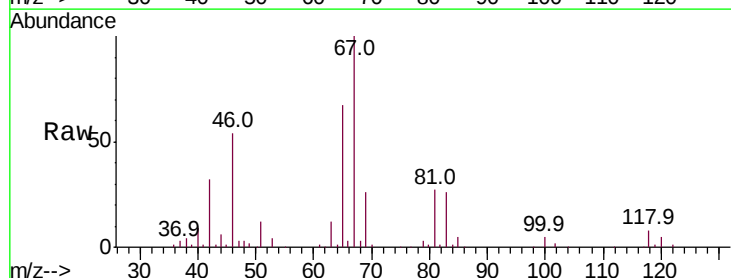
Tgt Ion: 83 Resp: 15545

Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.2#

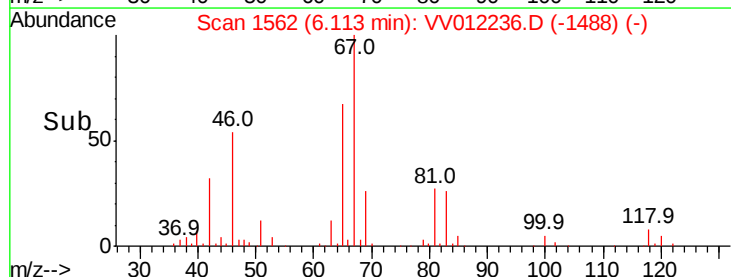
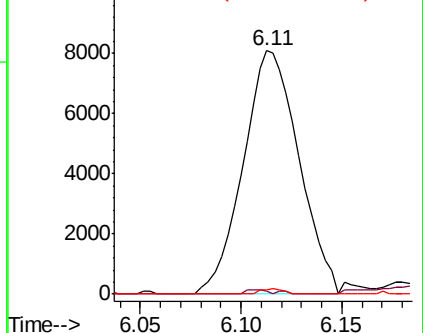
98 0.8 39.2 58.8#

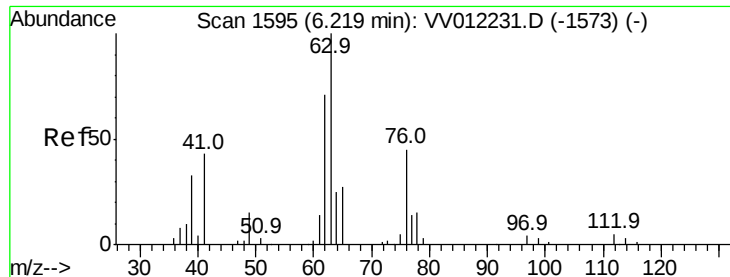


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

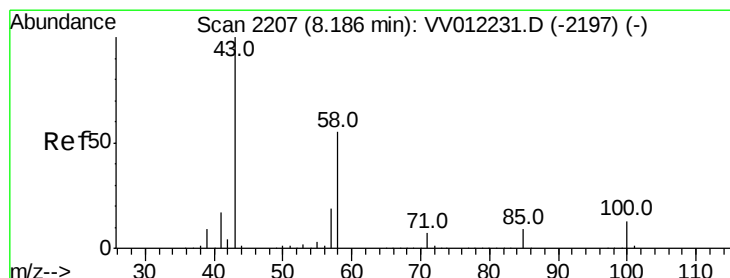
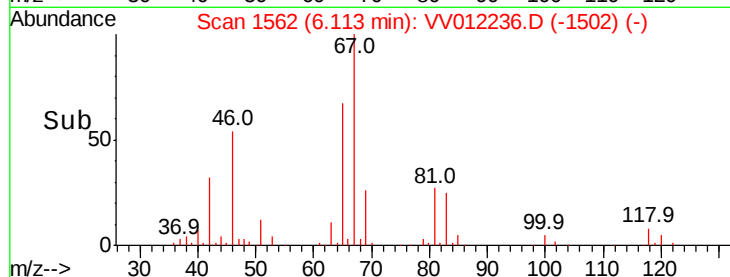
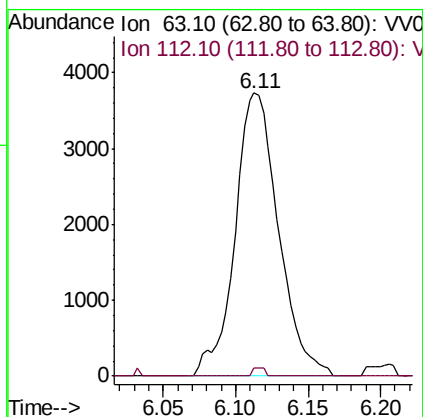
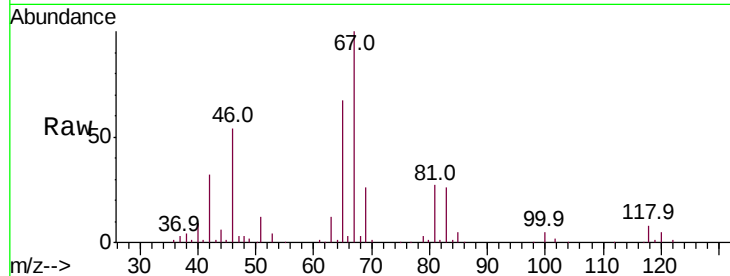




#37
 1,2-Dichloropropane
 Concen: 0.477 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012236.D
 Acq: 14 Aug 2019 15:52

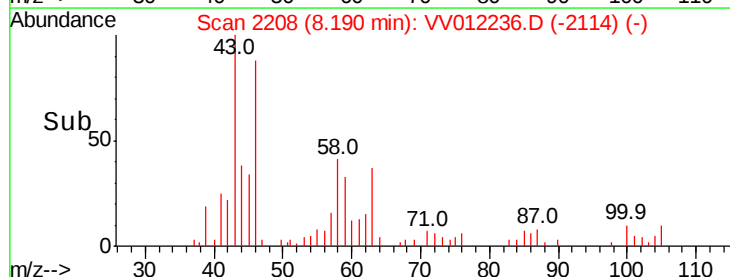
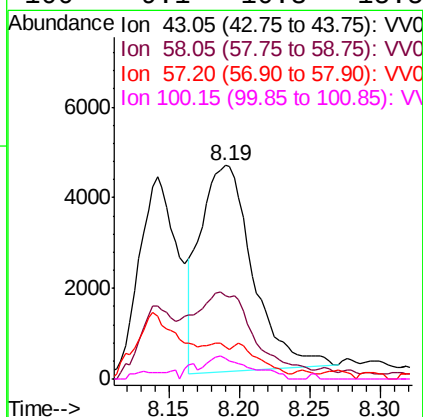
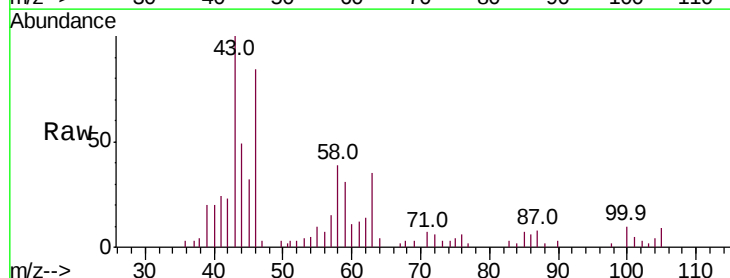
Instrument :
 MSVOA_V
 ClientSampled :

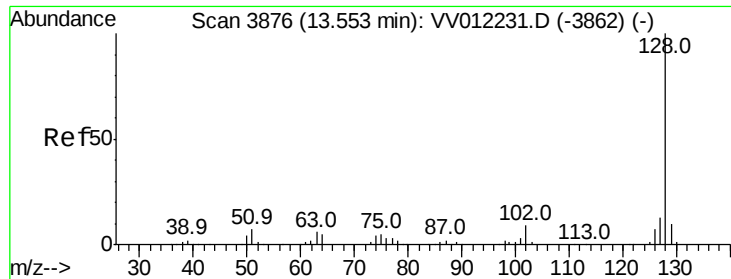
Tot Ion: 63 Resp: 7771
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.8#



#48
 2-Hexanone
 Concen: 1.868 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV012236.D
 Acq: 14 Aug 2019 15:52

Tgt Ion: 43 Resp: 11778
 Ion Ratio Lower Upper
 43 100
 58 38.3 43.0 64.4#
 57 6.8 14.9 22.3#
 100 9.1 10.3 15.5#





#69

Naphthalene

Concen: 0.503 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

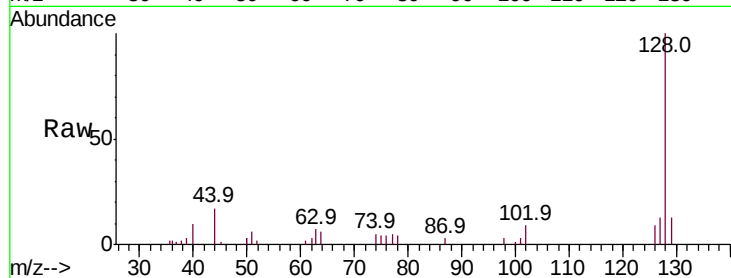
Lab File: VV012236.D

Acq: 14 Aug 2019 15:52

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 12555

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

127 12.1 10.1 15.1

