

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011620\
 Data File : VV014321.D
 Acq On : 16 Jan 2020 14:56
 Operator : SY/MD
 Sample : L1156-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 05:34:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 05:31:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	830496	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	753805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	350301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	235464	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.59	69	198655	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	286866	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.93	46	658666	47.19	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.38%
24) Chloroform-d	4.40	84	472560	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	243599	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	1012580	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	322092	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	912642	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	131267	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	558035	42.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	225200	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	298811	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

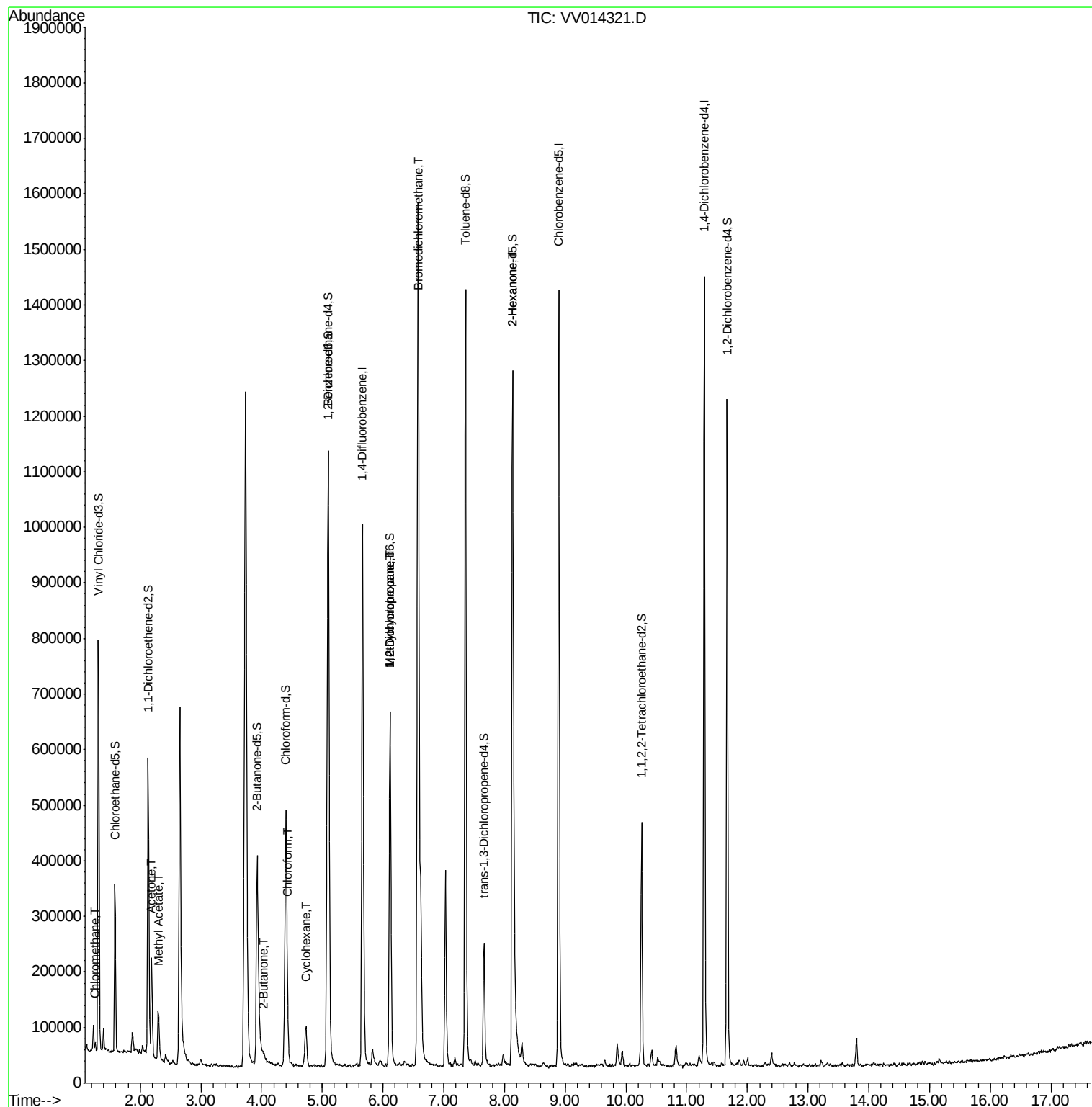
					Ovalue
3) Chloromethane	1.26	50	9768	0.157	ug/L 92
13) Acetone	2.19	43	174774	18.181	ug/L 96
15) Methyl Acetate	2.30	43	23039	1.030	ug/L # 56
21) 2-Butanone	4.04	43	17415	1.208	ug/L 96
25) Chloroform	4.43	83	21202	0.203	ug/L 96
30) Cyclohexane	4.73	56	42991	0.434	ug/L 95
35) Methylcyclohexane	6.12	83	71117	0.729	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	34363	0.586	ug/L # 87
38) Bromodichloromethane	6.58	83	11646	0.154	ug/L # 1
48) 2-Hexanone	8.13	43	59691	2.336	ug/L # 75

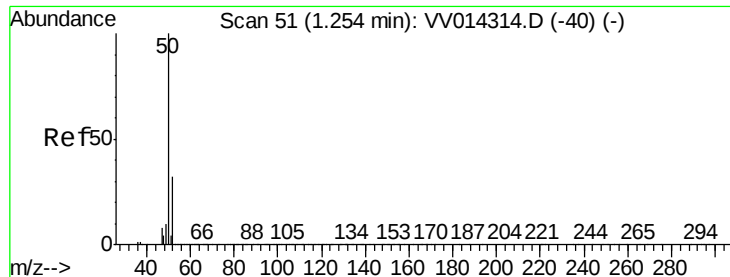
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 05:31:19 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.157 ug/L

RT: 1.26 min Scan# 53

Delta R.T. 0.01 min

Lab File: VV014321.D

Acq: 16 Jan 2020 14:56

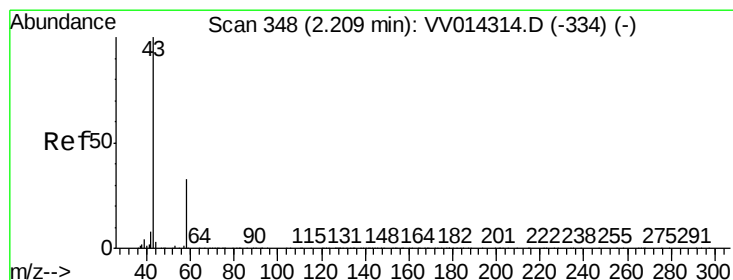
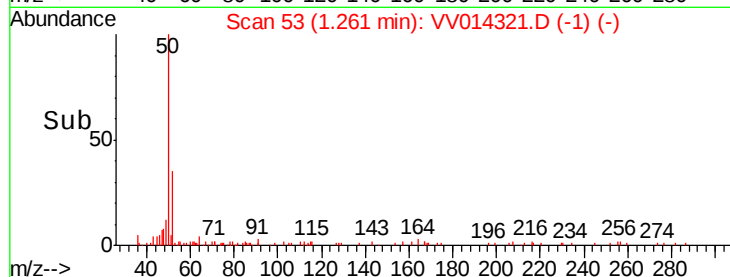
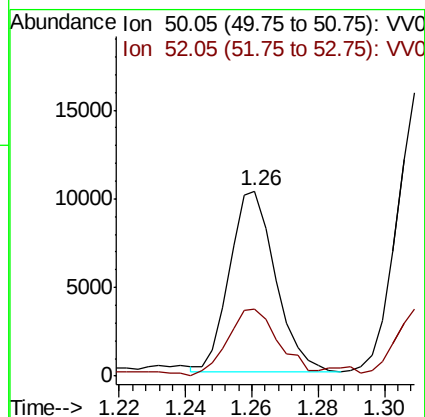
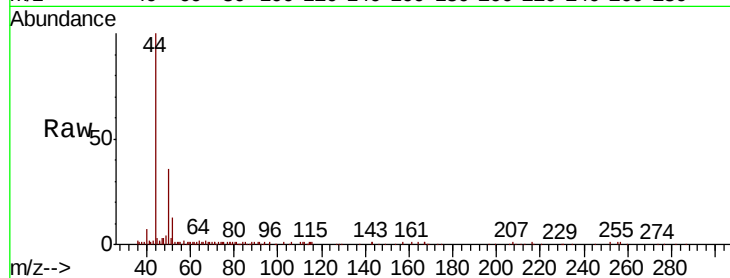
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 9768

Ion Ratio Lower Upper

50 100

52 36.5 22.3 41.3



#13

Acetone

Concen: 18.181 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014321.D

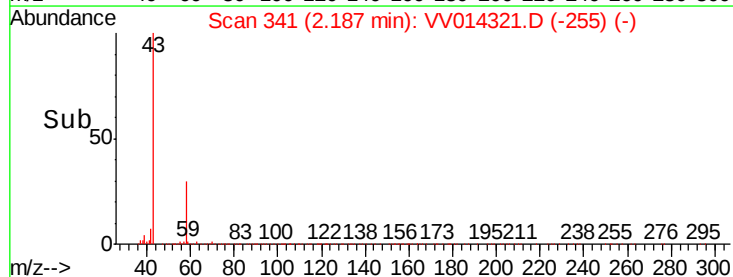
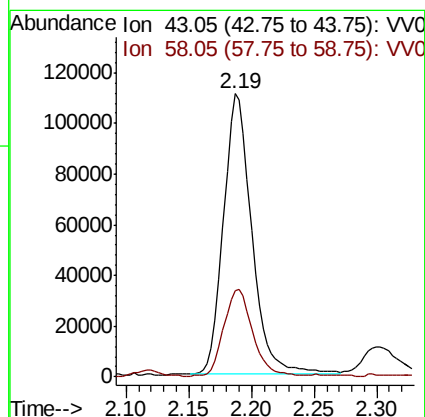
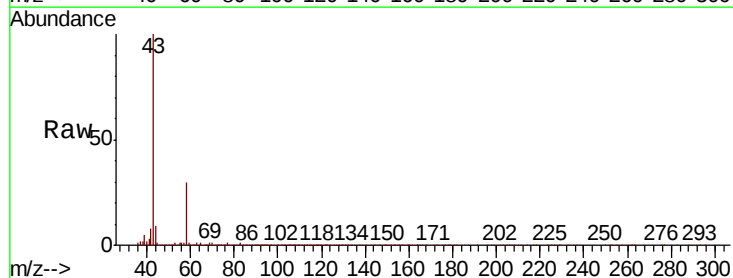
Acq: 16 Jan 2020 14:56

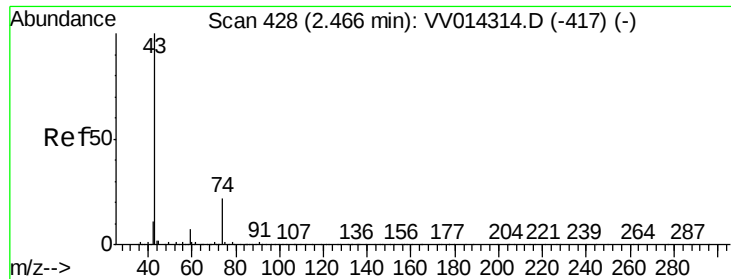
Tgt Ion: 43 Resp: 174774

Ion Ratio Lower Upper

43 100

58 30.9 0.0 66.0

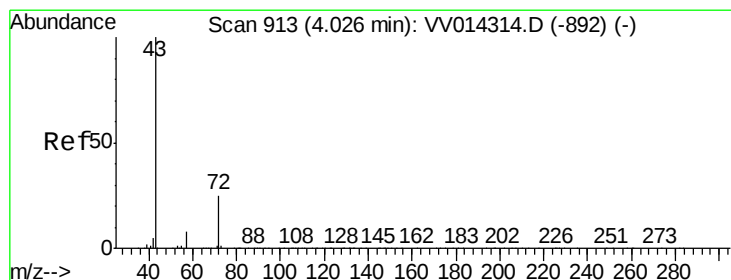
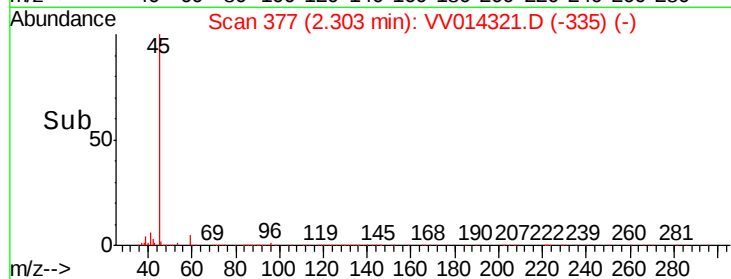
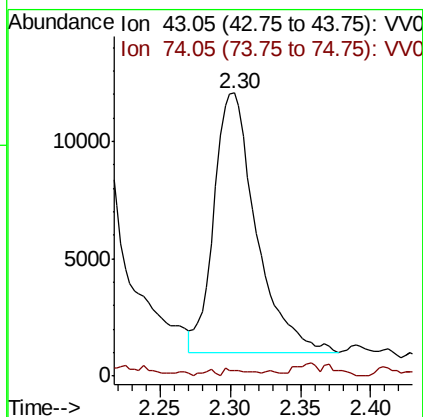
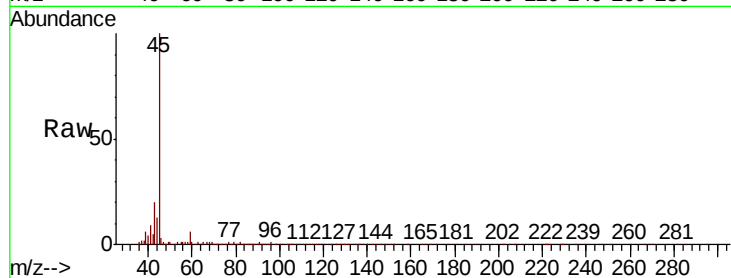




#15
Methvl Acetate
Concen: 1.030 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.16 min
Lab File: VV014321.D
Acq: 16 Jan 2020 14:56

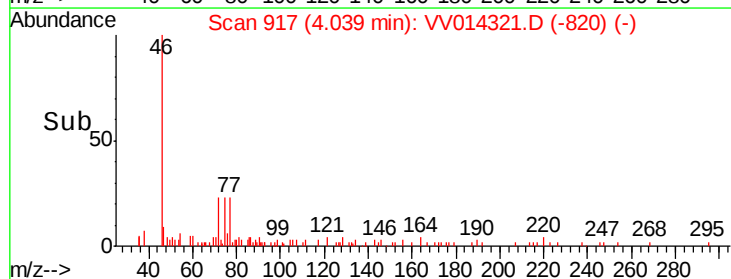
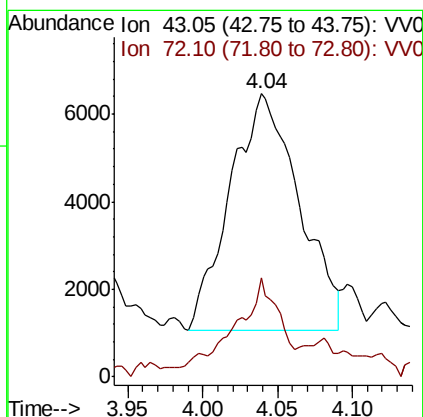
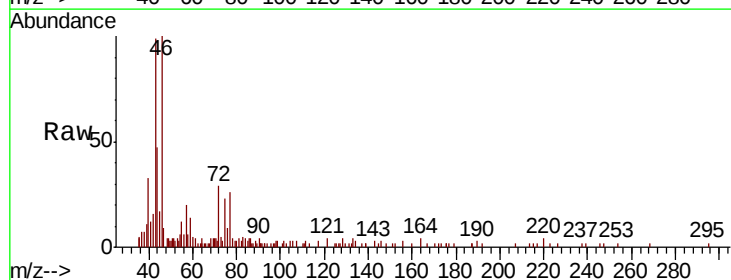
Instrument :
MSVOA_V
ClientSampleId :

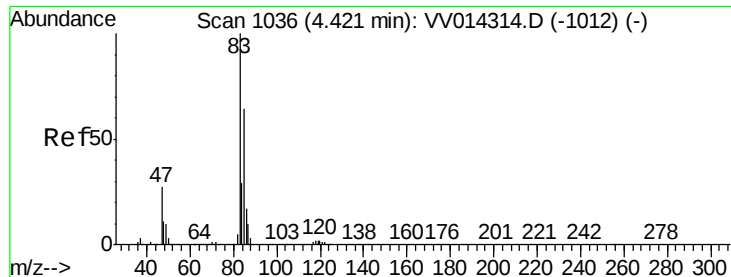
Tot Ion: 43 Resp: 23039
Ion Ratio Lower Upper
43 100
74 1.6 18.6 28.0#



#21
2-Butanone
Concen: 1.208 ug/L
RT: 4.04 min Scan# 917
Delta R.T. 0.01 min
Lab File: VV014321.D
Acq: 16 Jan 2020 14:56

Tgt Ion: 43 Resp: 17415
Ion Ratio Lower Upper
43 100
72 22.6 12.4 37.2





#25

Chloroform

Concen: 0.203 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV014321.D

Acq: 16 Jan 2020 14:56

Instrument :

MSVOA_V

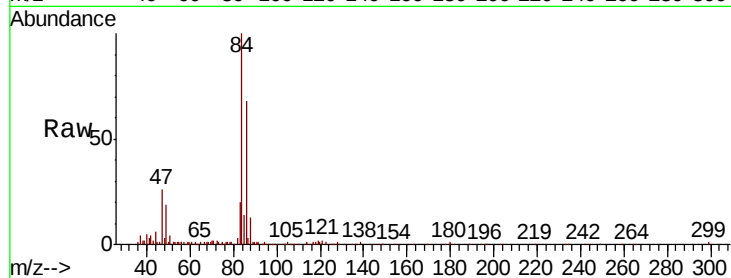
ClientSampled :

Tot Ion: 83 Resp: 21202

Ion Ratio Lower Upper

83 100

85 69.3 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

8000

6000

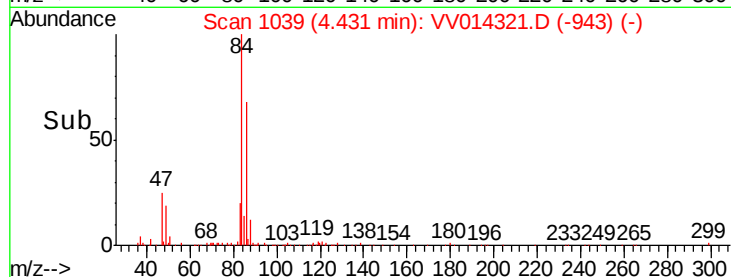
4000

2000

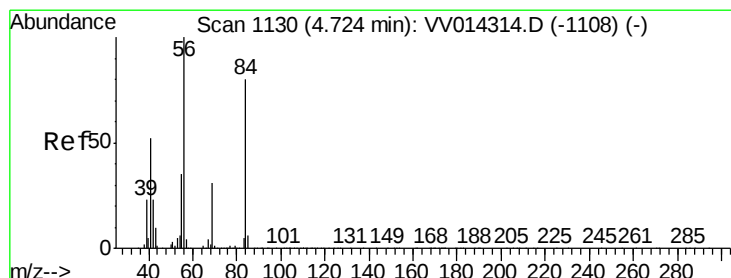
0

4.35 4.40 4.45 4.50

4.43



Time-->



#30

Cyclohexane

Concen: 0.434 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV014321.D

Acq: 16 Jan 2020 14:56

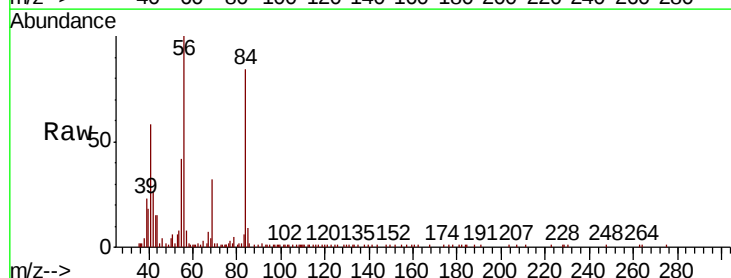
Tgt Ion: 56 Resp: 42991

Ion Ratio Lower Upper

56 100

69 32.7 23.9 35.9

84 81.7 68.9 103.3



Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0

20000

15000

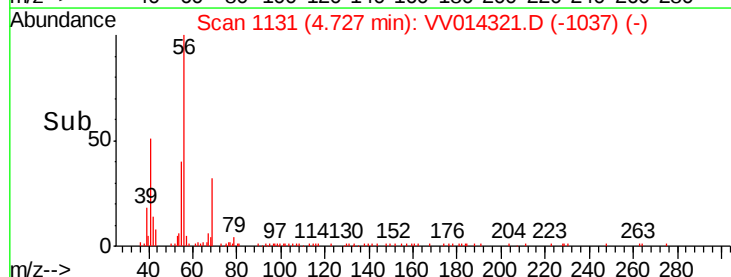
10000

5000

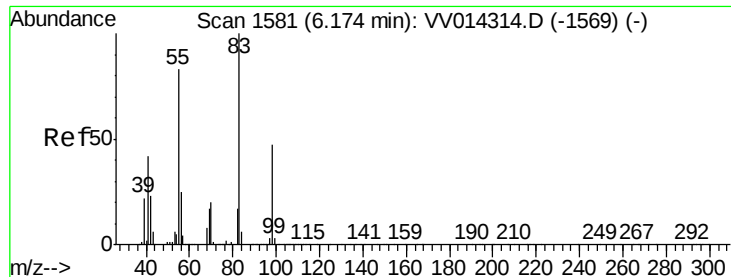
0

4.65 4.70 4.75 4.80

4.73



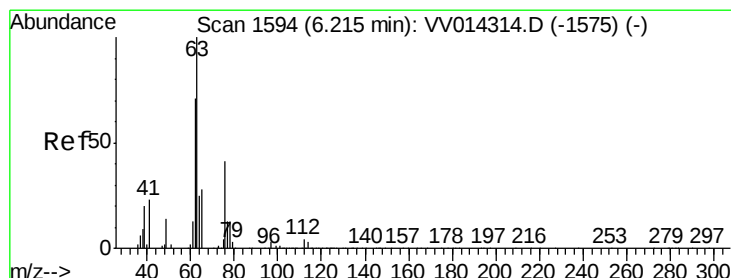
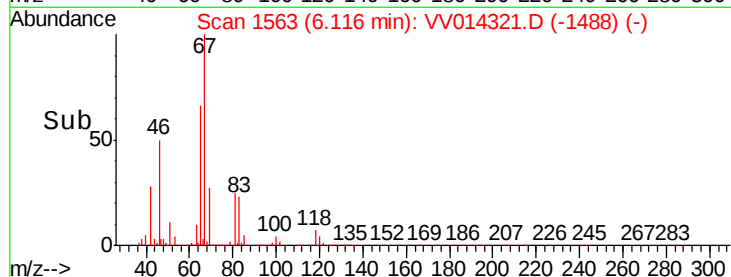
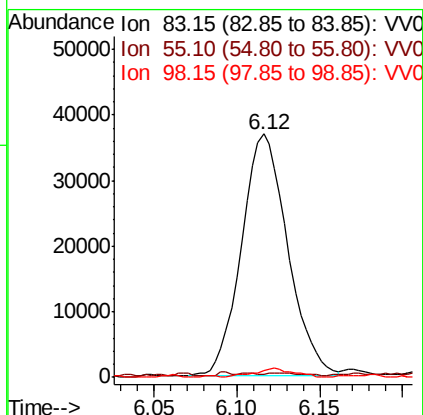
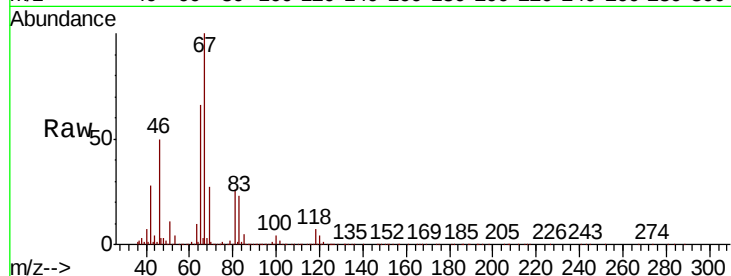
Time-->



#35
Methvlcvclohexane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014321.D
Acq: 16 Jan 2020 14:56

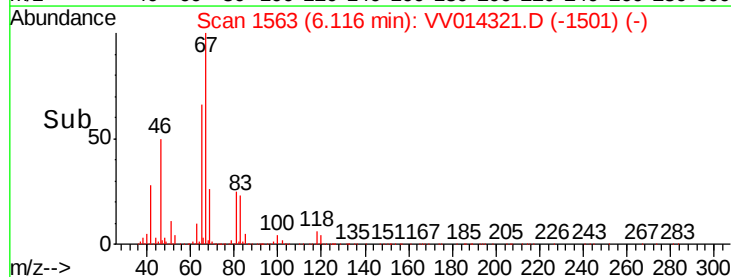
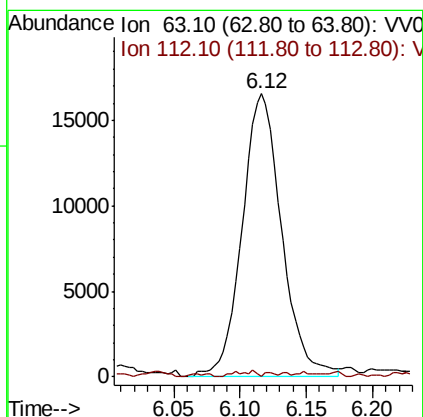
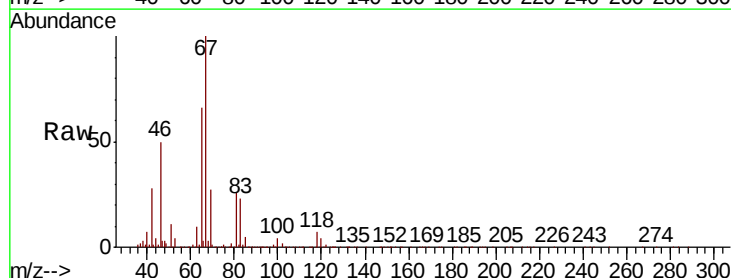
Instrument :
MSVOA_V
ClientSampleId :

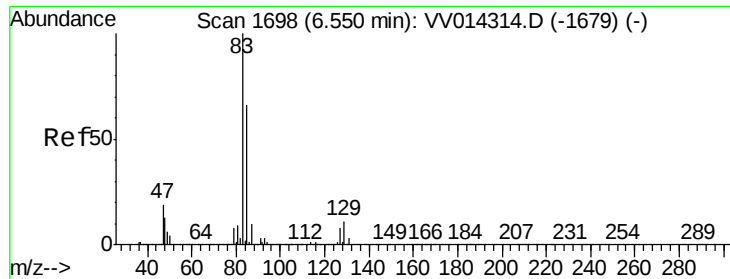
Tot Ion: 83 Resp: 71117
Ion Ratio Lower Upper
83 100
55 0.7 61.7 92.5#
98 3.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014321.D
Acq: 16 Jan 2020 14:56

Tgt Ion: 63 Resp: 34363
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#





#38

Bromodichloromethane

Concen: 0.154 ug/L

RT: 6.58 min Scan# 1707

Delta R.T. 0.03 min

Lab File: VV014321.D

Acq: 16 Jan 2020 14:56

Instrument :
MSVOA_V
ClientSampleId :

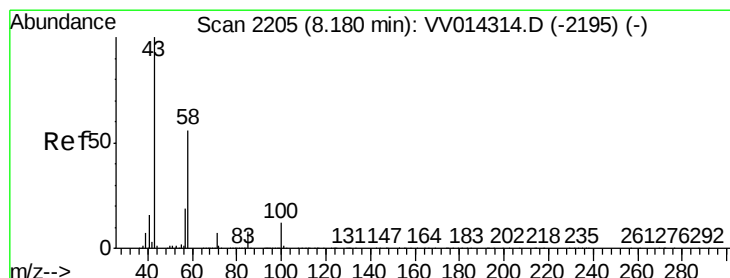
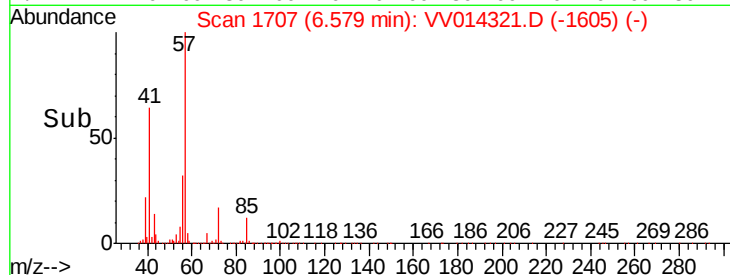
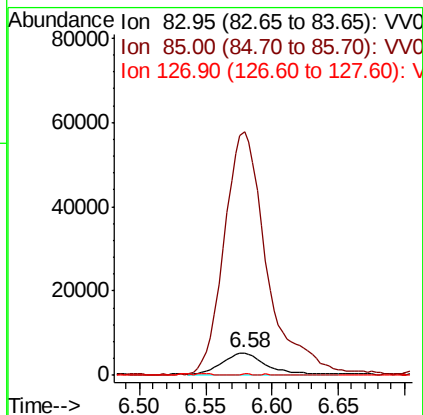
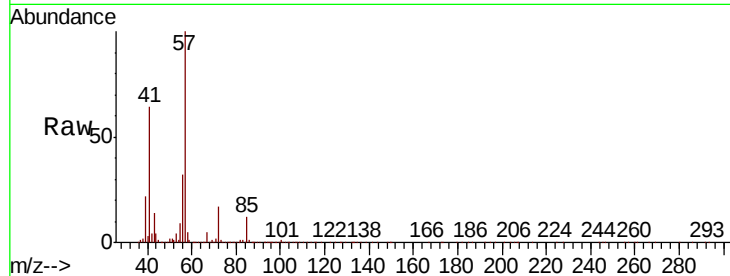
Tot Ion: 83 Resp: 11646

Ion Ratio Lower Upper

83 100

85 1094.2 46.4 86.2#

127 5.3 6.3 9.5#



#48

2-Hexanone

Concen: 2.336 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014321.D

Acq: 16 Jan 2020 14:56

Tgt Ion: 43 Resp: 59691

Ion Ratio Lower Upper

43 100

58 33.8 45.4 68.0#

57 21.9 15.8 23.8

100 0.2 10.2 15.4#

