

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013187.D
 Acq On : 17 Oct 2019 23:40
 Operator : SY/MD
 Sample : K5404-01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:42:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	463156	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	499780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	251811	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	194357	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	280369	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.96	46	315368	32.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.40%
24) Chloroform-d	4.40	84	429585	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	212012	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	877127	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	271688	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	710268	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	85608	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	307934	38.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	197825	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	259952	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

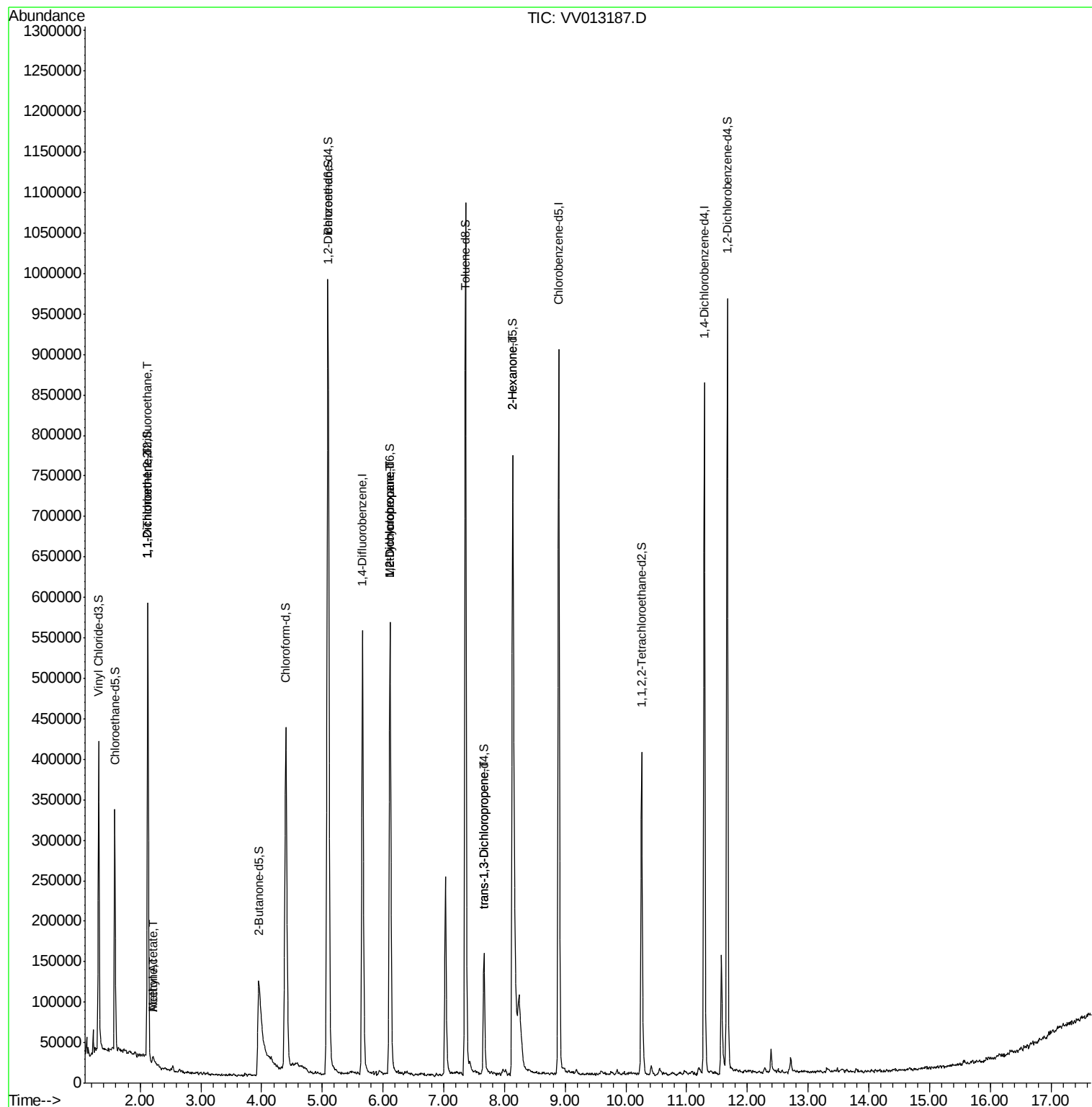
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3425	0.085 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	3439	0.090 ug/L #	1
13) Acetone	2.21	43	31935	5.079 ug/L	85
15) Methyl Acetate	2.21	43	30865	2.051 ug/L #	50
35) Methylcyclohexane	6.12	83	62305	0.763 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	27552	0.569 ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	3530	0.070 ug/L	87
48) 2-Hexanone	8.14	43	38888	1.997 ug/L #	80

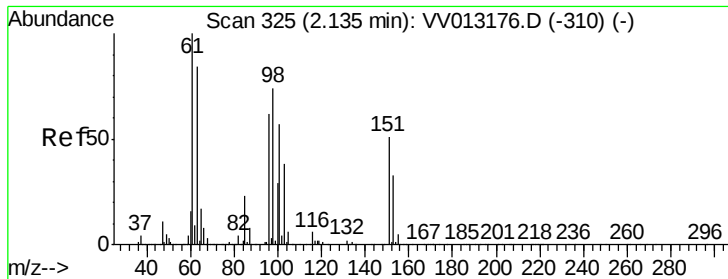
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 03:32:46 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013187.D

Acq: 17 Oct 2019 23:40

Instrument :

MSVOA_V

ClientSampleId :

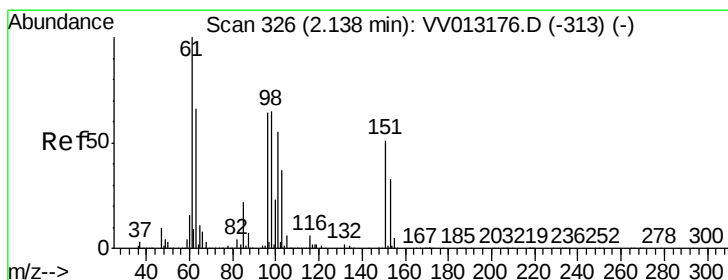
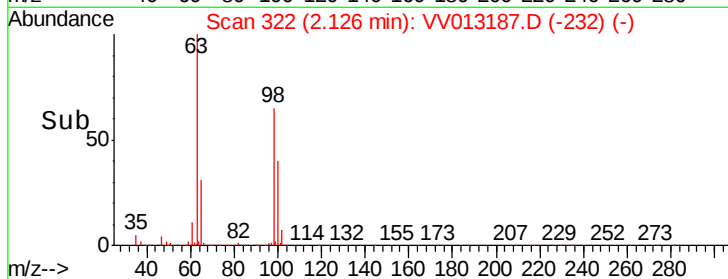
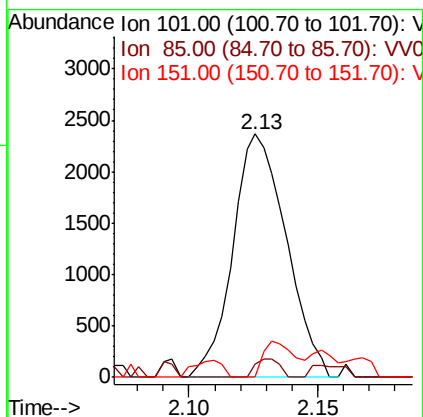
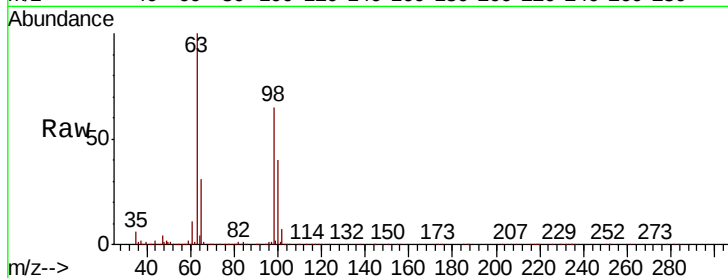
Tot Ion:101 Resp: 3425

Ion Ratio Lower Upper

101 100

85 3.5 32.4 48.6#

151 8.7 71.9 107.9#



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013187.D

Acq: 17 Oct 2019 23:40

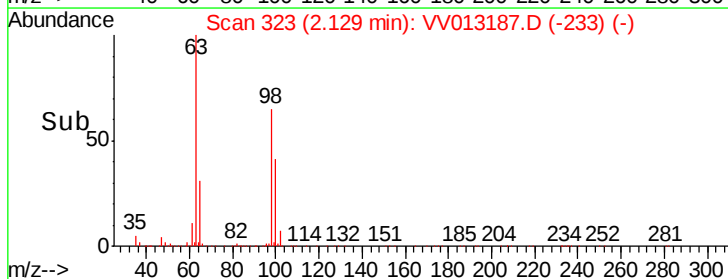
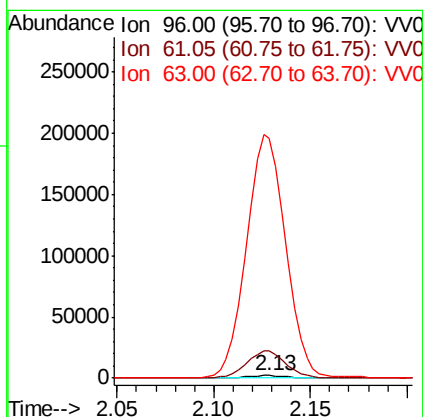
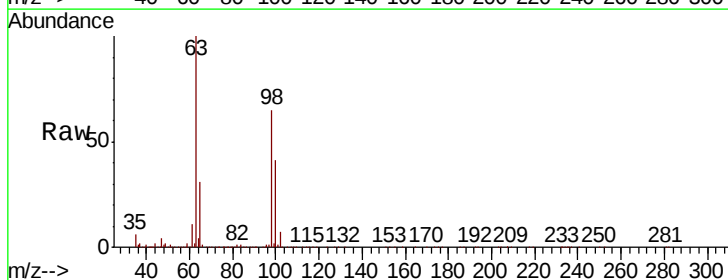
Tgt Ion: 96 Resp: 3439

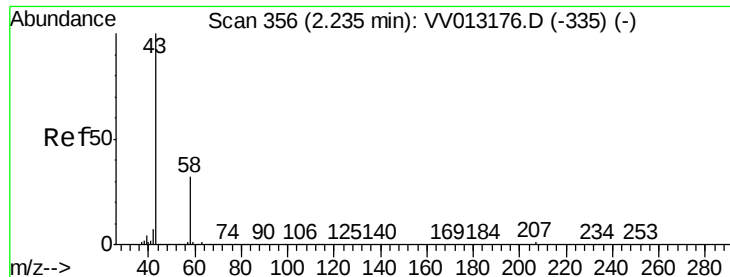
Ion Ratio Lower Upper

96 100

61 1096.4 109.8 204.0#

63 9536.2 72.6 134.8#





#13

Acetone

Concen: 5.079 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV013187.D

Acq: 17 Oct 2019 23:40

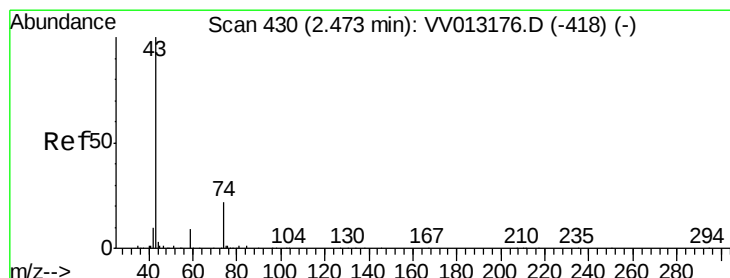
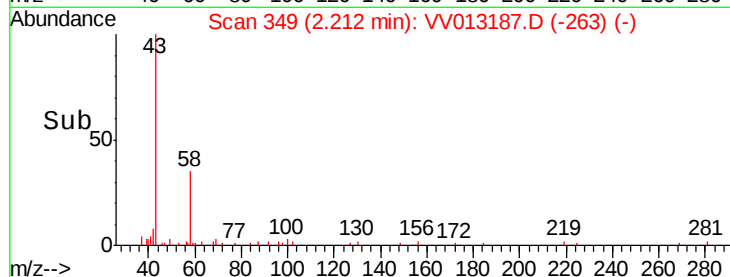
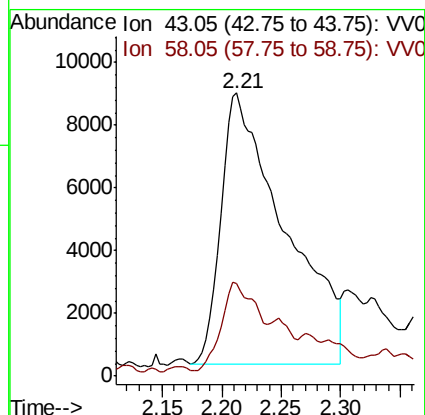
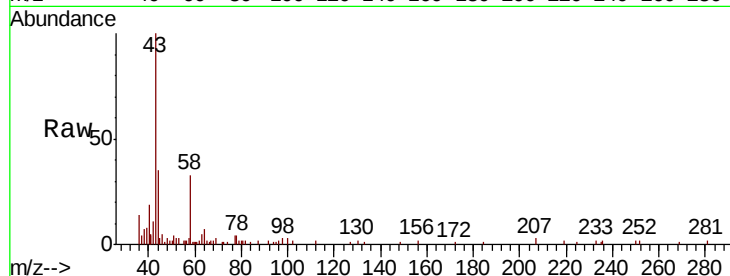
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 31935

Ion Ratio Lower Upper

43 100

58 18.5 0.0 52.4



#15

Methyl Acetate

Concen: 2.051 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.26 min

Lab File: VV013187.D

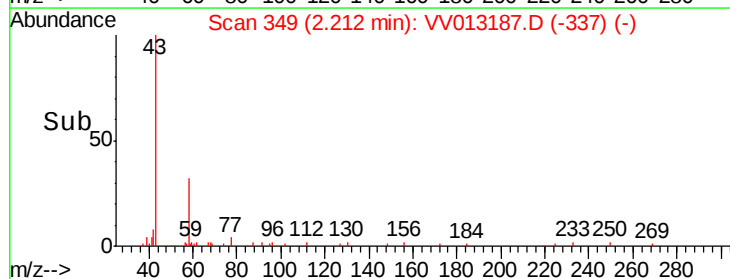
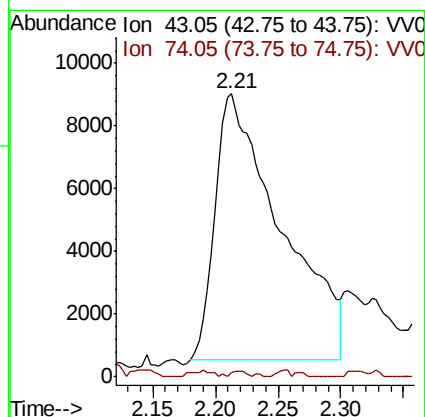
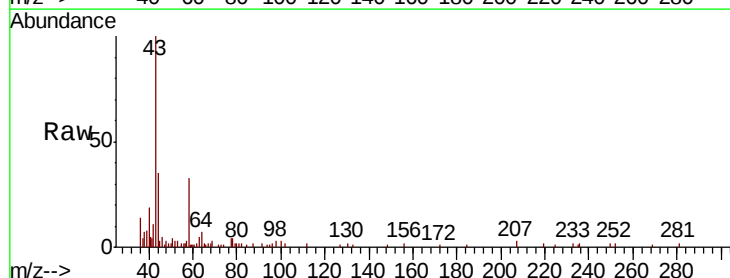
Acq: 17 Oct 2019 23:40

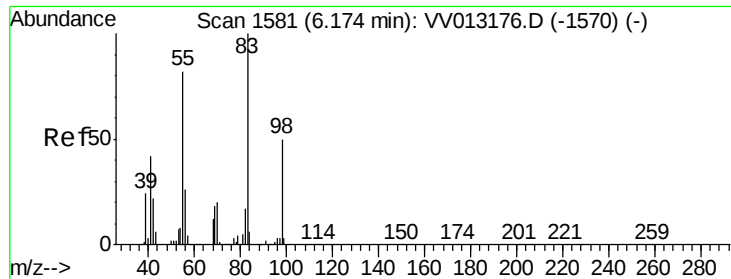
Tgt Ion: 43 Resp: 30865

Ion Ratio Lower Upper

43 100

74 0.5 20.7 31.1#

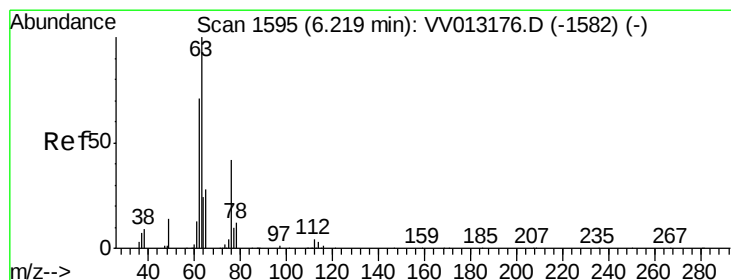
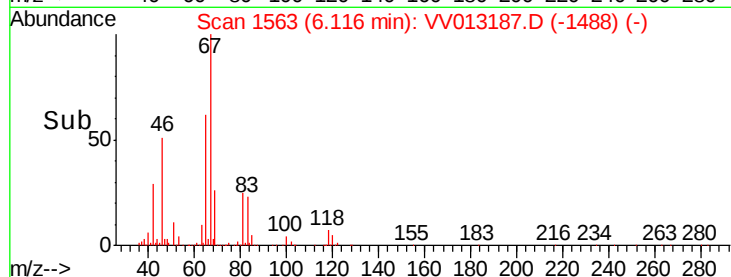
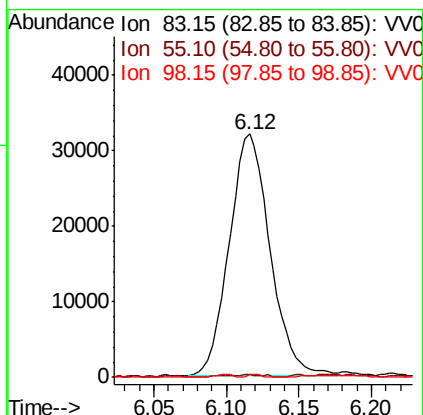
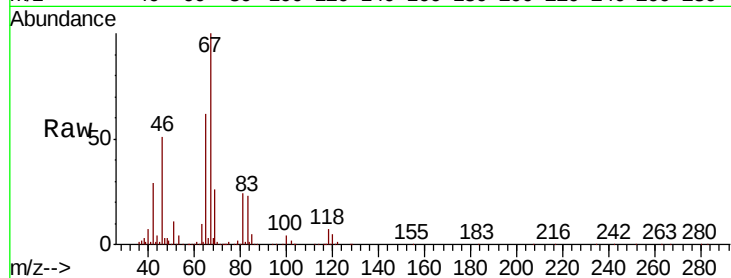




#35
Methvlcvclohexane
Concen: 0.763 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013187.D
Acq: 17 Oct 2019 23:40

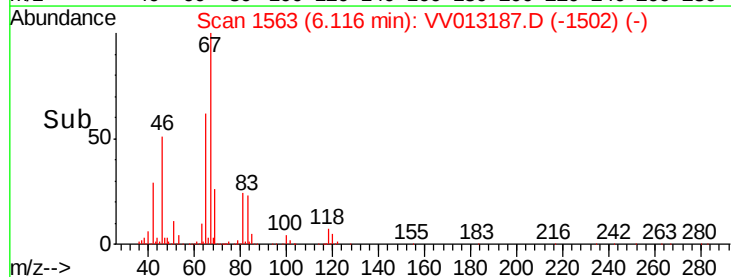
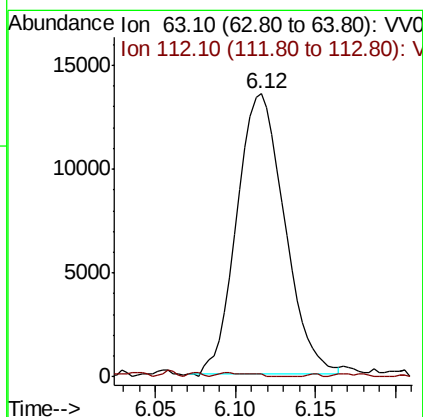
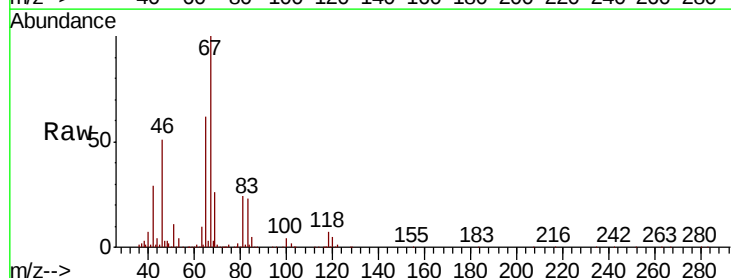
Instrument :
MSVOA_V
ClientSampleId :

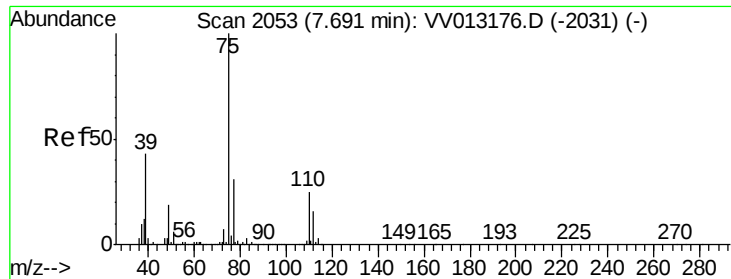
Tot Ion	Ratio	Lower	Upper
83	100		
55	1.0	64.0	96.0#
98	0.5	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013187.D
Acq: 17 Oct 2019 23:40

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.8	5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013187.D

Acq: 17 Oct 2019 23:40

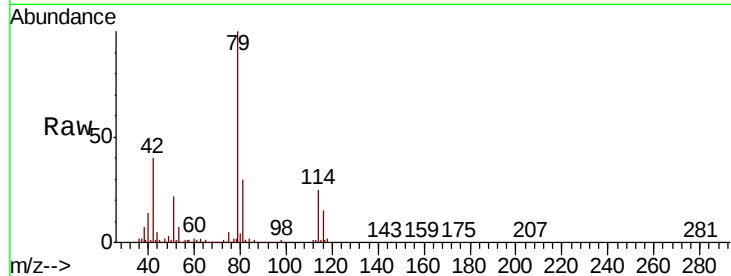
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3530

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

2500

2000

1500

1000

500

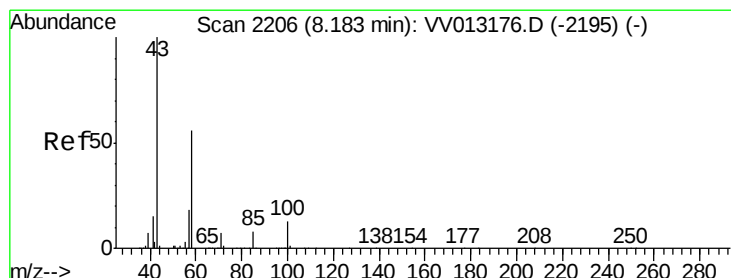
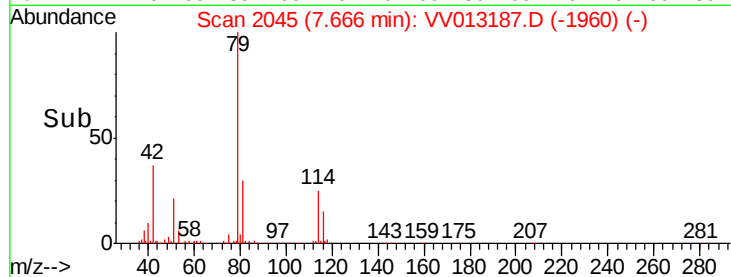
0

7.60

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 1.997 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013187.D

Acq: 17 Oct 2019 23:40

Tgt Ion: 43 Resp: 38888

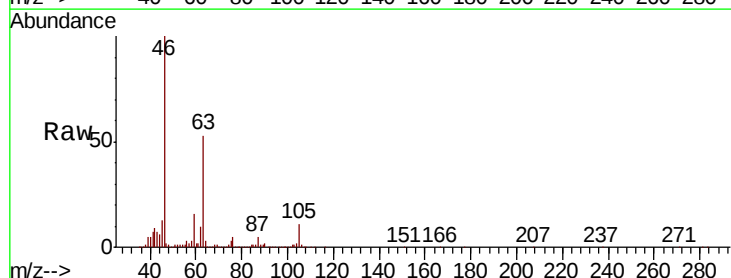
Ion Ratio Lower Upper

43 100

58 63.1 44.2 66.2

57 39.5 14.5 21.7#

100 4.2 9.5 14.3#



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

8.14

25000

20000

15000

10000

5000

0

8.10

8.15

8.20

Time-->

