

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015998.D
 Acq On : 11 May 2020 18:54
 Operator : SY/MD
 Sample : L2541-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:13:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141238	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138983	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32727	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	32598	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	53063	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.94	46	108341	49.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.38	84	76175	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	48172	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	158078	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	51872	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	140154	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
45) trans-1,3-Dichloropropene-	7.65	79	13630	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
48) 2-Hexanone-d5	8.12	63	74577	42.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35327	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53291	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

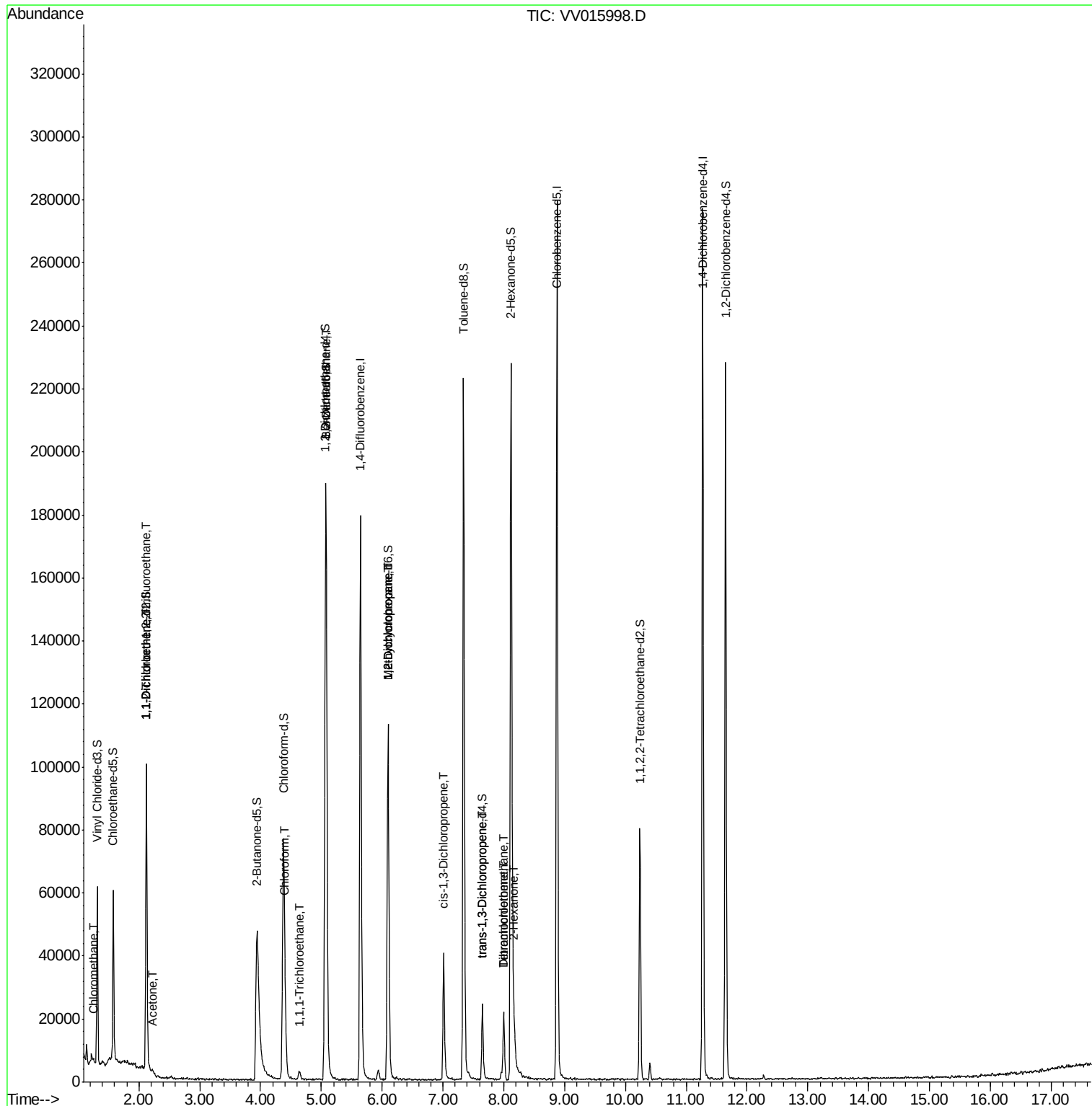
Target Compounds

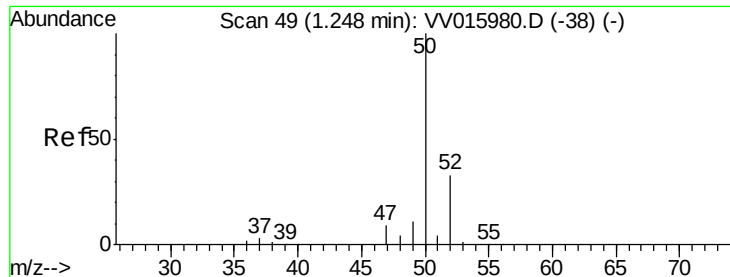
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	928	0.085	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	720	0.089	ug/L #	64
12) 1,1-Dichloroethene	2.13	96	695	0.089	ug/L #	1
13) Acetone	2.24	43	3699	2.566	ug/L	88
25) Chloroform	4.41	83	9300	0.510	ug/L	98
27) 1,2-Dichloroethane	5.08	62	1177	0.105	ug/L #	76
29) 1,1,1-Trichloroethane	4.64	97	2338	0.153	ug/L	90
35) Methylcyclohexane	6.10	83	12750	0.845	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6469	0.728	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1209	0.096	ug/L #	59
46) trans-1,3-Dichloropropene	7.65	75	795	0.075	ug/L #	76
49) Tetrachloroethene	8.00	164	4192	0.602	ug/L	92
50) 2-Hexanone	8.17	43	5128	1.310	ug/L #	87
51) Dibromochloromethane	8.00	129	4271	0.641	ug/L #	9

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

```
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Acq On    : 11 May 2020   18:54  
Operator  : SY/MD  
Sample    : L2541-08  
Misc      : 25.0mL/MSVOA V/WATER  
ALS Vial  : 22      Sample Multiplier: 1
```

Quant Time: May 12 01:13:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.085 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV015998.D

Acq: 11 May 2020 18:54

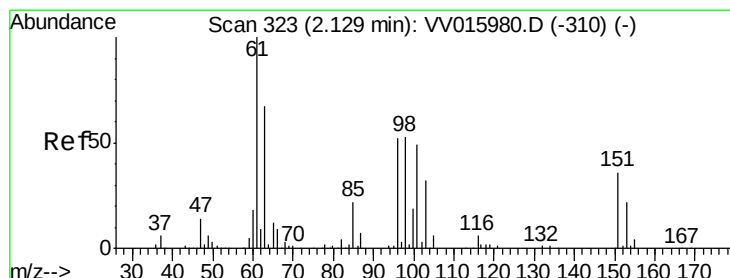
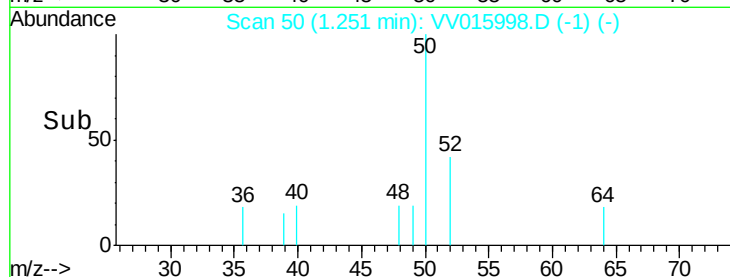
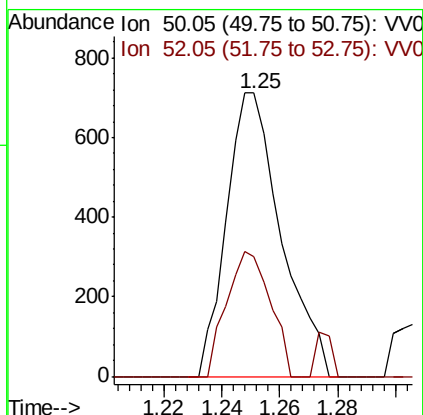
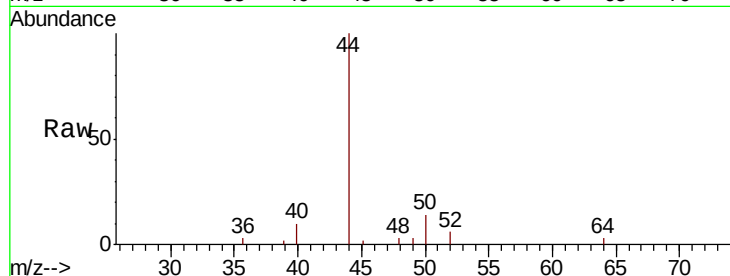
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 928

Ion Ratio Lower Upper

50 100

52 42.1 22.8 42.4



#10

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

Concen: 0.089 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015998.D

Acq: 11 May 2020 18:54

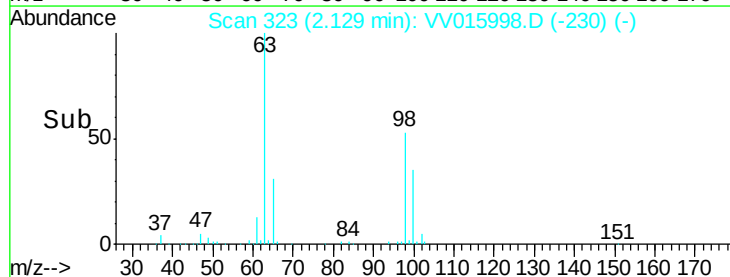
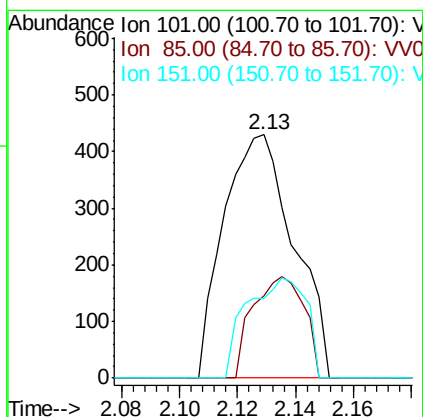
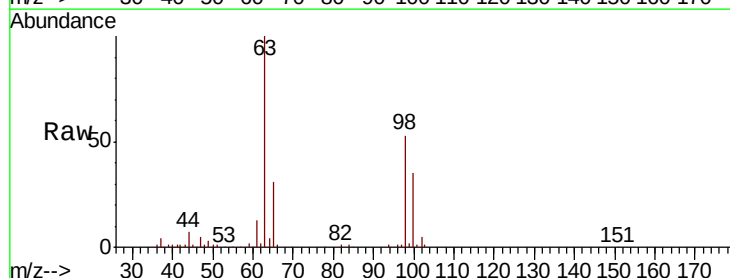
Tgt Ion: 101 Resp: 720

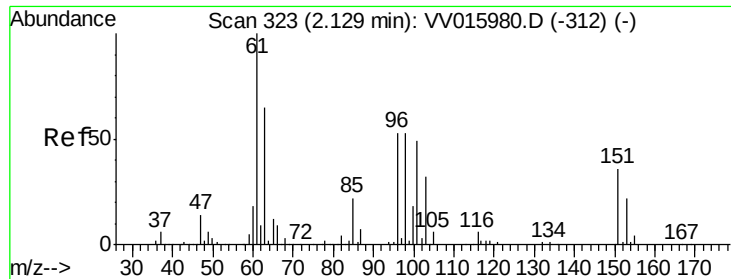
Ion Ratio Lower Upper

101 100

85 30.6 35.7 53.5#

151 34.9 58.0 87.0#

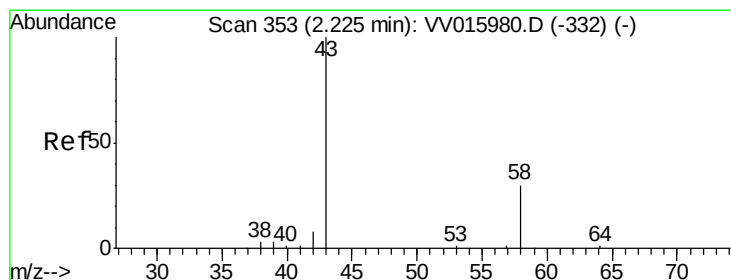
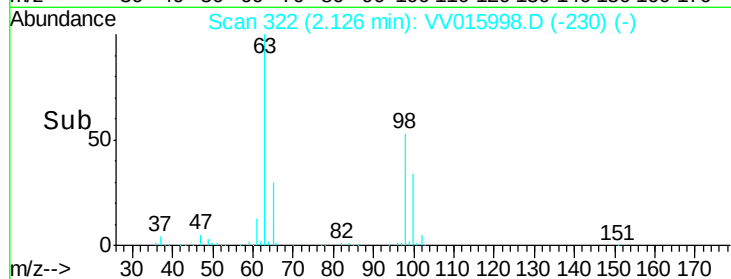
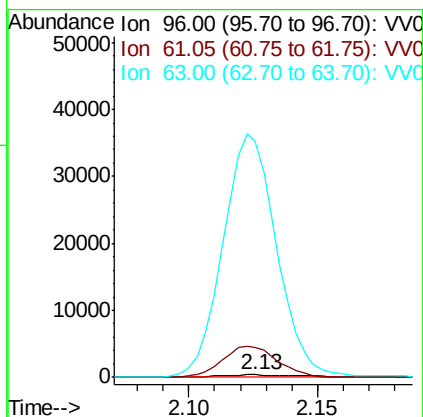
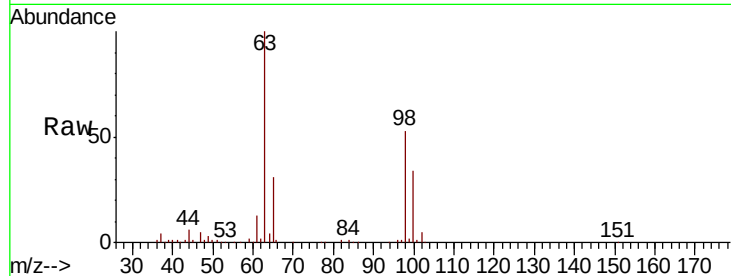




#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015998.D
 Acq: 11 May 2020 18:54

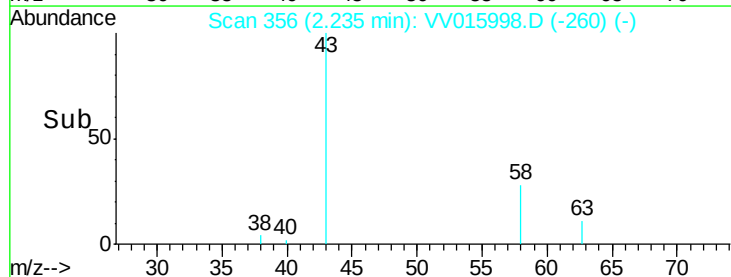
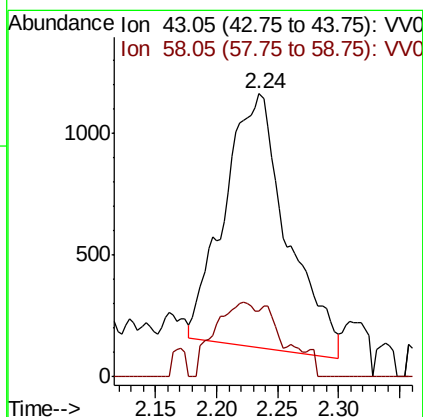
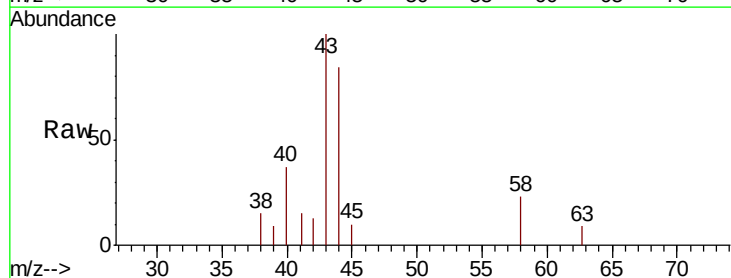
Instrument :
 MSVOA_V
 ClientSampled :

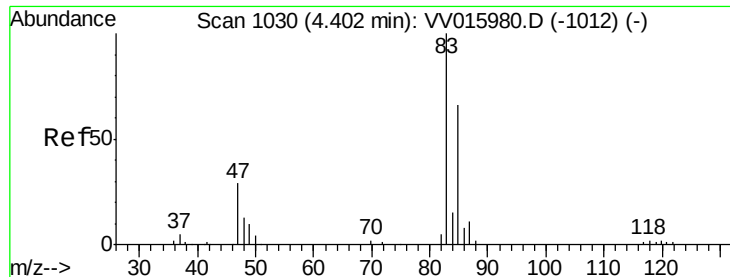
Tot Ion: 96 Resp: 695
 Ion Ratio Lower Upper
 96 100
 61 1251.8 139.9 259.7#
 63 9716.8 106.4 197.6#



#13
 Acetone
 Concen: 2.566 ug/L
 RT: 2.24 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VV015998.D
 Acq: 11 May 2020 18:54

Tgt Ion: 43 Resp: 3699
 Ion Ratio Lower Upper
 43 100
 58 20.3 0.0 30.8

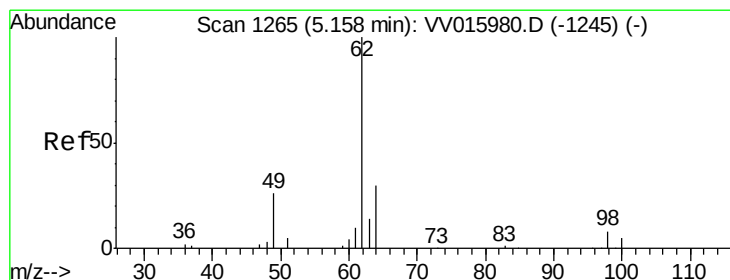
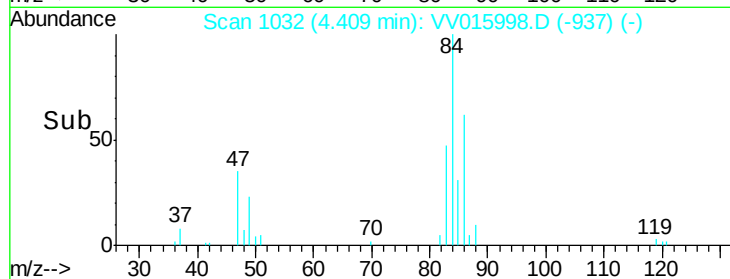
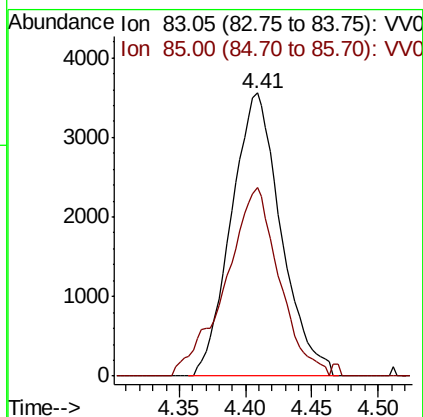
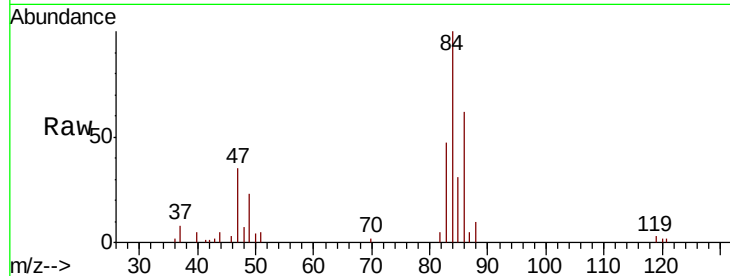




#25
Chloroform
Concen: 0.510 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

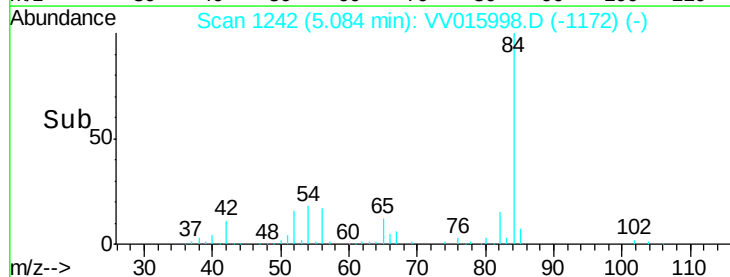
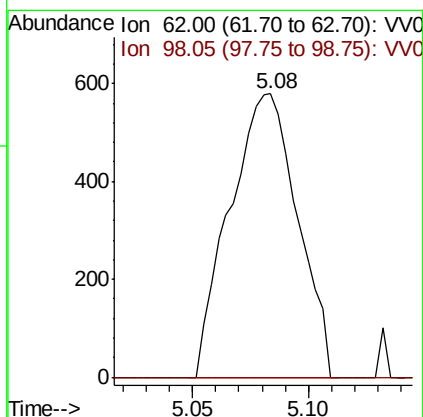
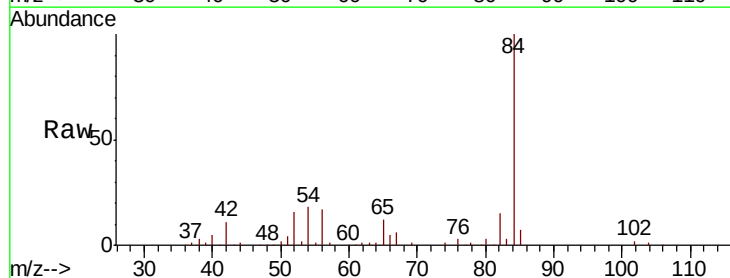
Instrument :
MSVOA_V
ClientSampleId :

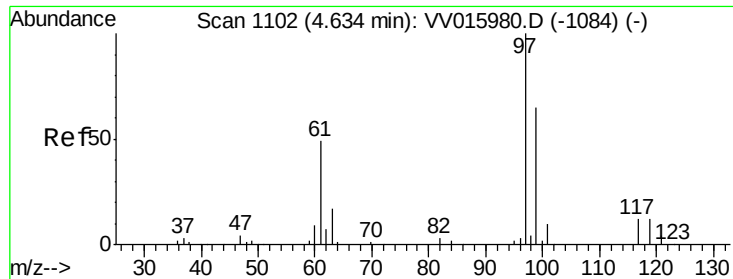
Tot Ion: 83 Resp: 9300
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.105 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.07 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

Tgt Ion: 62 Resp: 1177
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

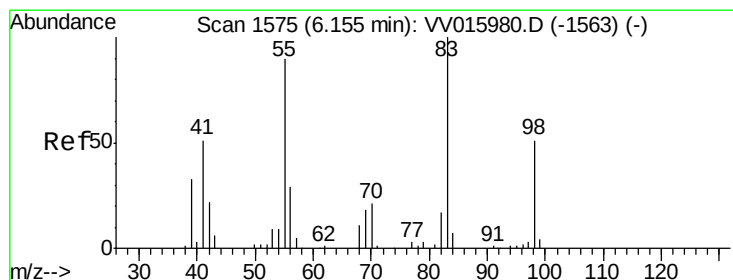
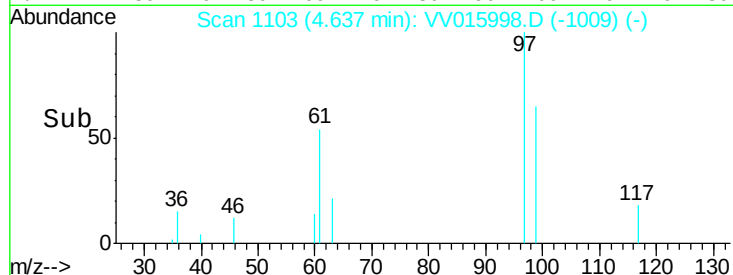
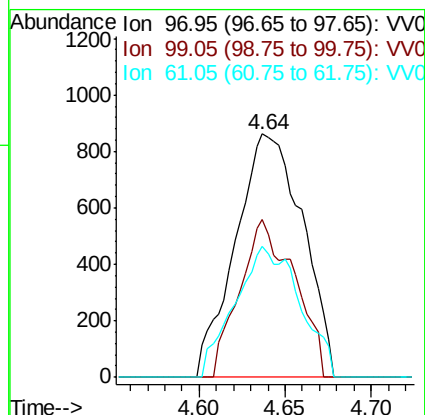
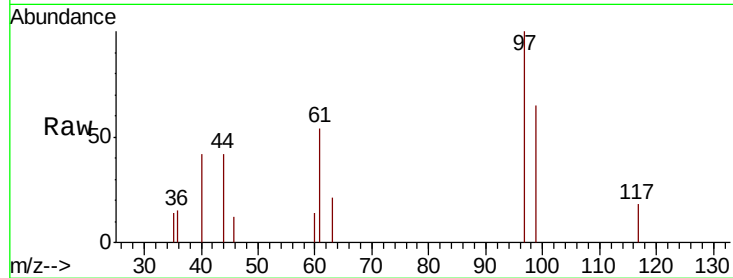




#29
 1,1,1-Trichloroethane
 Concen: 0.153 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV015998.D
 Acq: 11 May 2020 18:54

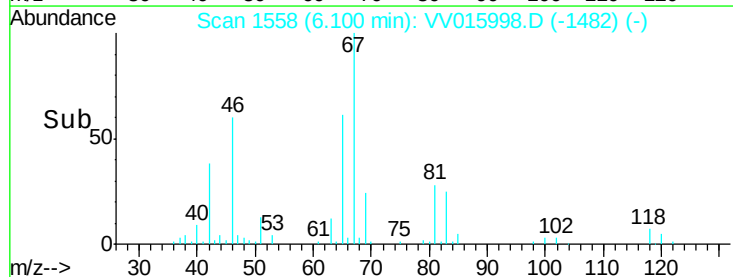
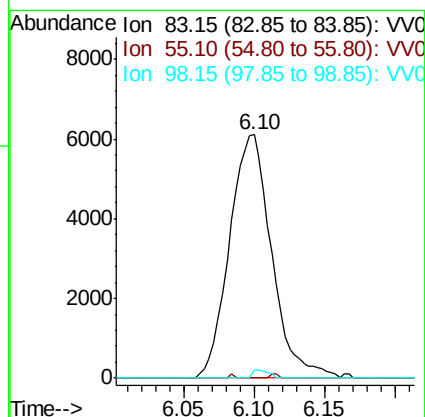
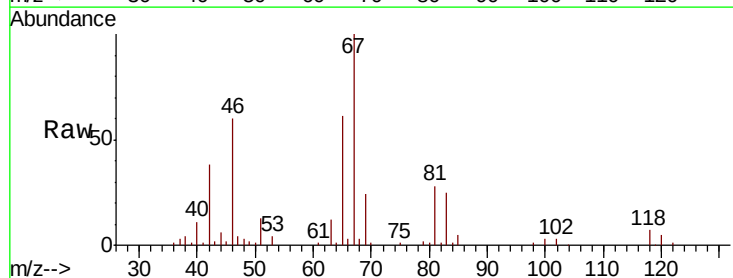
Instrument :
 MSVOA_V
 ClientSampled :

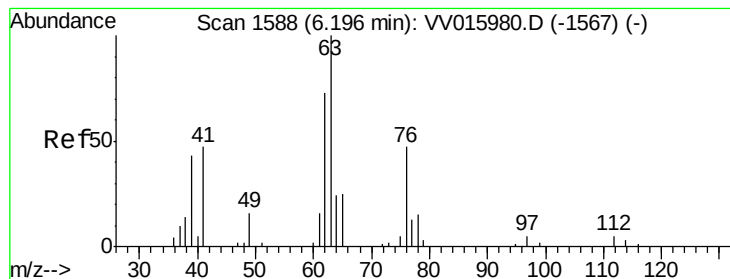
Tot Ion: 97 Resp: 2338
 Ion Ratio Lower Upper
 97 100
 99 52.7 50.7 76.1
 61 51.9 38.8 58.2



#35
 Methylcyclohexane
 Concen: 0.845 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.05 min
 Lab File: VV015998.D
 Acq: 11 May 2020 18:54

Tgt Ion: 83 Resp: 12750
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.2 99.2#
 98 1.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.728 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV015998.D

Acq: 11 May 2020 18:54

Instrument :

MSVOA_V

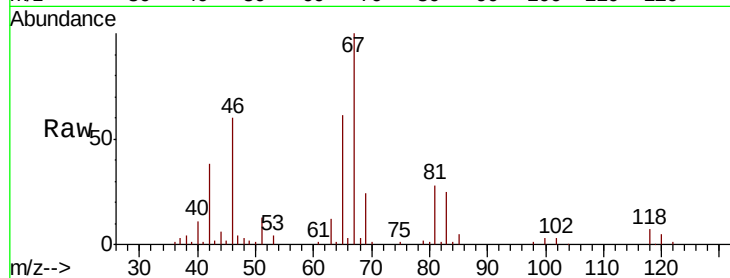
ClientSampleId :

Tot Ion: 63 Resp: 6469

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015998.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV015998.D (-1495) (-)

6.10

3000

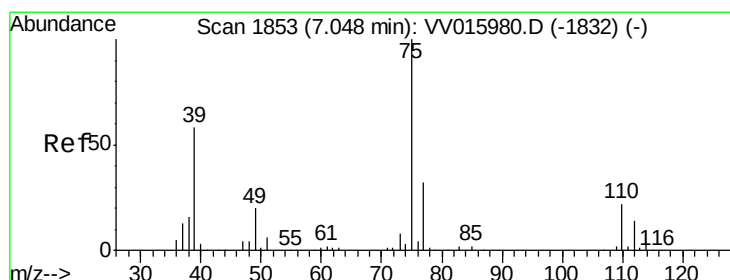
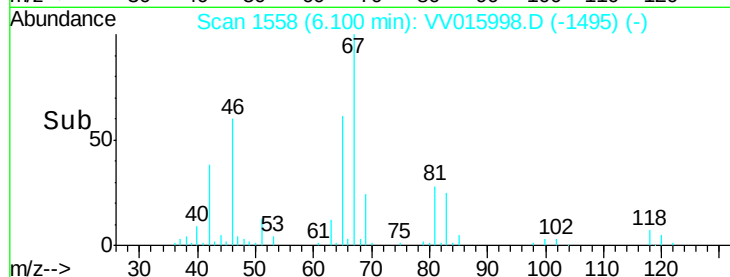
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015998.D

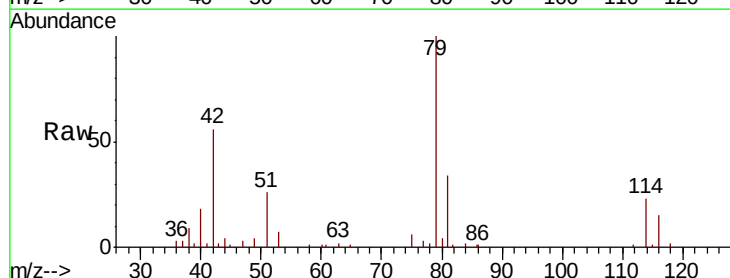
Acq: 11 May 2020 18:54

Tgt Ion: 75 Resp: 1209

Ion Ratio Lower Upper

75 100

77 52.5 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV015998.D (-1760) (-)

Ion 77.05 (76.75 to 77.75): VV015998.D (-1760) (-)

7.01

800

600

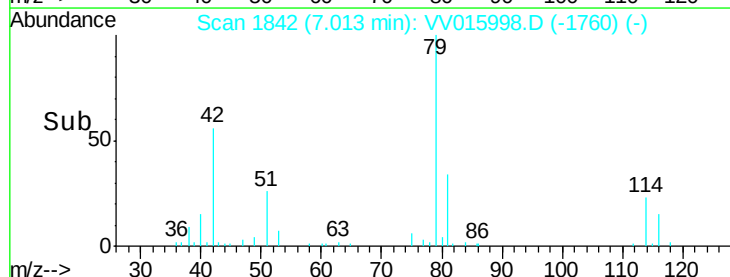
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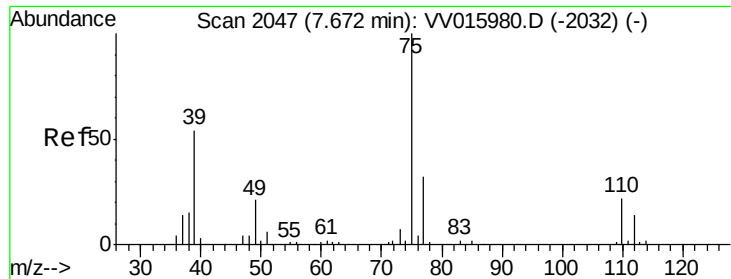
200

0

7.00 7.05

Time-->

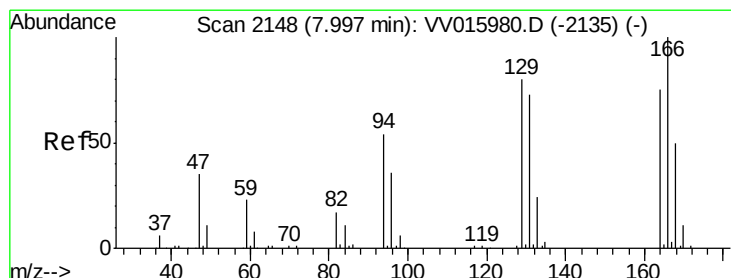
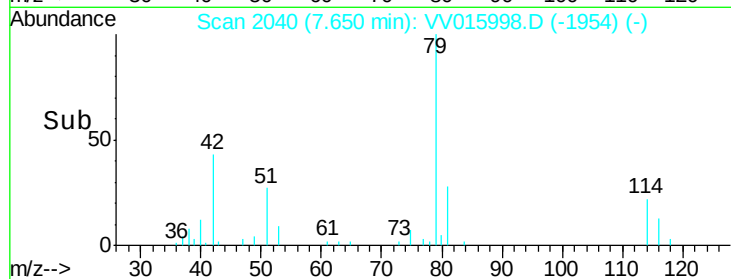
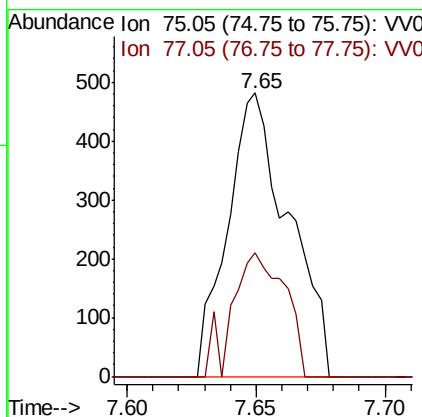
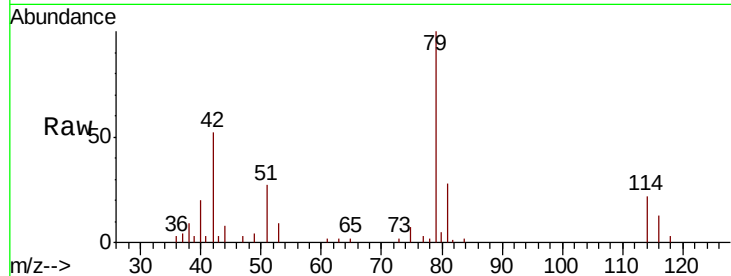




#46
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

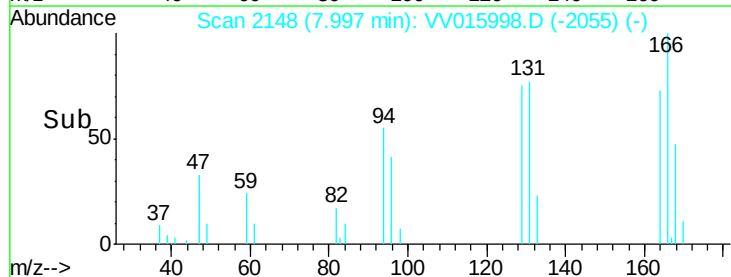
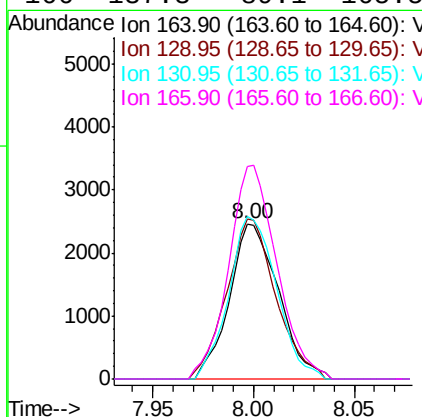
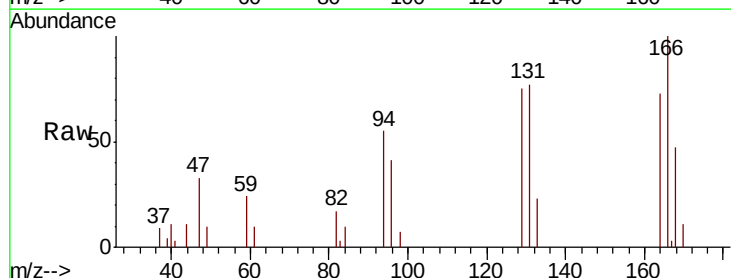
Instrument :
MSVOA_V
ClientSampled :

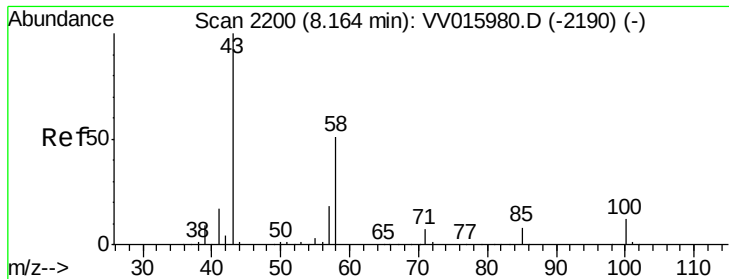
Tot Ion: 75 Resp: 795
Ion Ratio Lower Upper
75 100
77 43.8 21.3 39.6#



#49
Tetrachloroethene
Concen: 0.602 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

Tgt Ion: 164 Resp: 4192
Ion Ratio Lower Upper
164 100
129 103.2 69.7 129.4
131 105.3 66.8 124.2
166 137.3 89.1 165.5

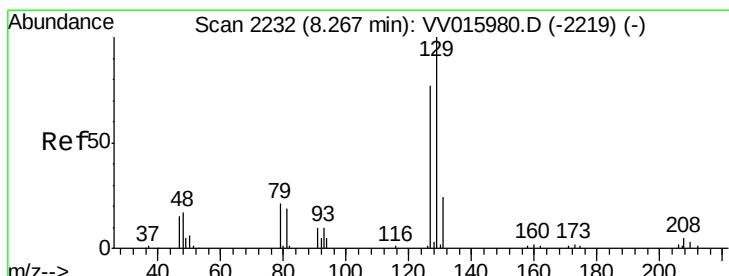
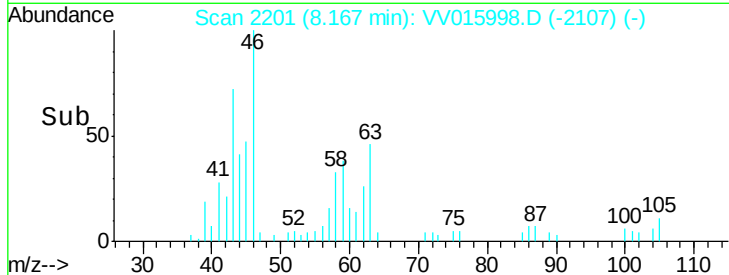
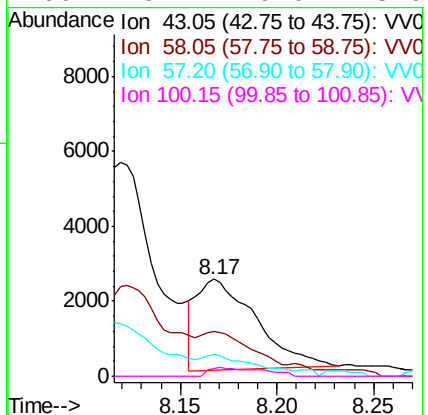
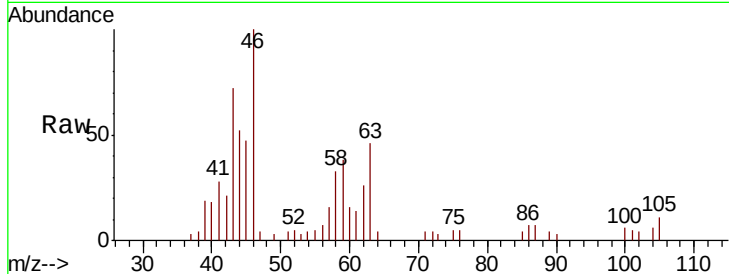




#50
2-Hexanone
Concen: 1.310 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 40.4 40.8 61.2#
57 21.1 14.7 22.1
100 5.1 9.0 13.6#



#51
Dibromochloromethane
Concen: 0.641 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015998.D
Acq: 11 May 2020 18:54

Tgt Ion: 129 Resp: 4271
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

