

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015990.D
 Acq On : 11 May 2020 15:25
 Operator : SY/MD
 Sample : L2520-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:12:04 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	144765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143531	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30634	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	32969	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	52151	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.93	46	111334	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.38	84	79983	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	47825	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	158410	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.09	67	51584	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	141335	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.65	79	16963	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
48) 2-Hexanone-d5	8.12	63	78617	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36666	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55198	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

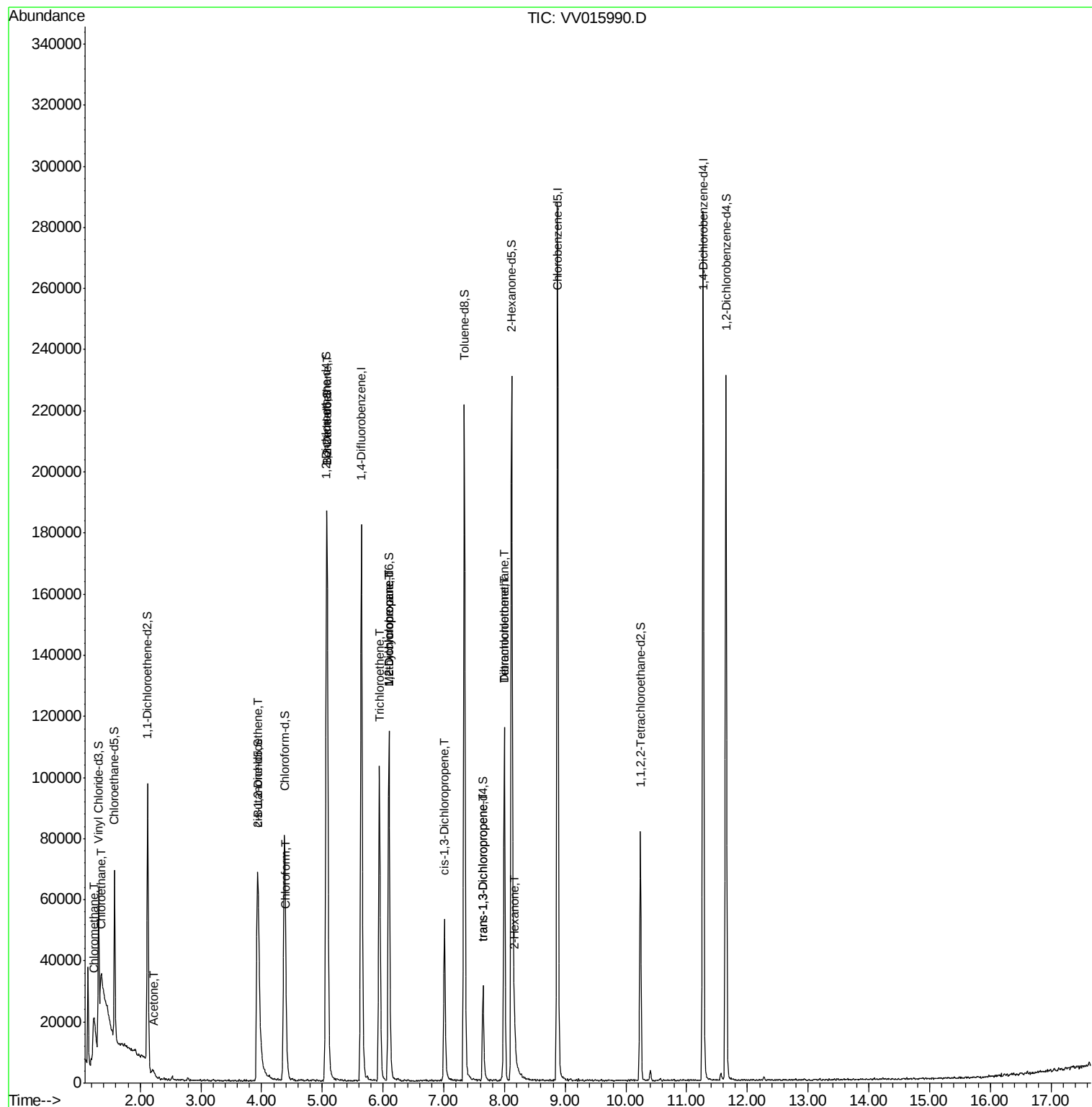
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1454	0.129	ug/L	96
8) Chloroethane	1.36	64	112855	14.749	ug/L #	49
13) Acetone	2.22	43	3848	2.604	ug/L #	60
22) cis-1,2-Dichloroethene	3.95	96	10314	1.119	ug/L	95
25) Chloroform	4.41	83	5543	0.297	ug/L	97
27) 1,2-Dichloroethane	5.08	62	1208	0.105	ug/L #	76
34) Trichloroethene	5.94	95	34847	3.381	ug/L	94
35) Methylcyclohexane	6.10	83	13313	0.854	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6492	0.708	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1553	0.120	ug/L #	82
46) trans-1,3-Dichloropropene	7.65	75	924	0.084	ug/L	93
49) Tetrachloroethene	8.00	164	23310	3.241	ug/L	98
50) 2-Hexanone	8.17	43	4027	0.996	ug/L #	76
51) Dibromochloromethane	8.00	129	23551	3.421	ug/L #	9

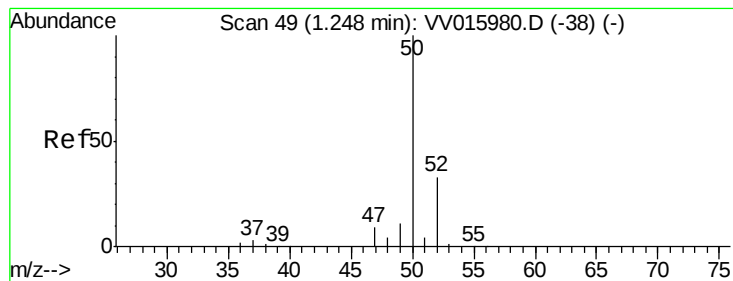
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.129 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

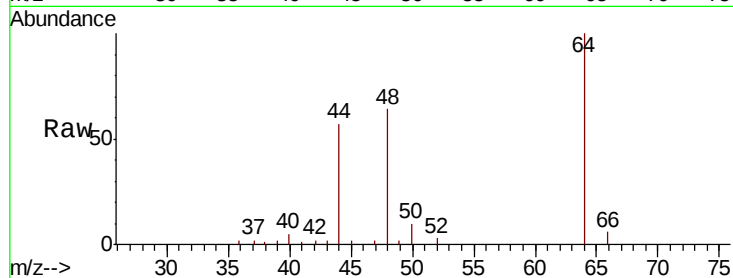
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1454

Ion Ratio Lower Upper

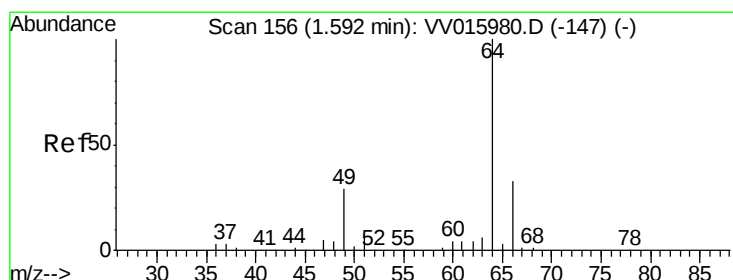
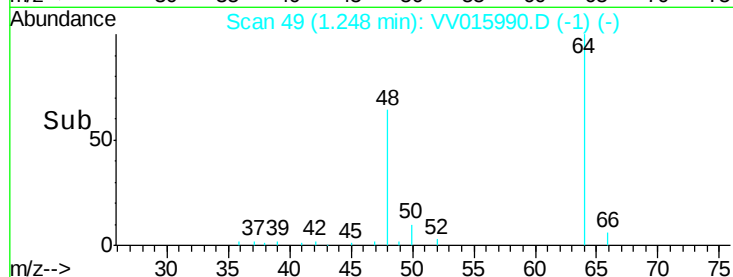
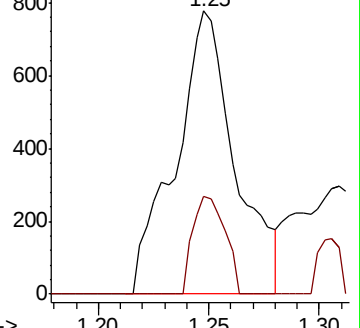
50 100

52 34.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV015990.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV015990.D (-38) (-)



#8

Chloroethane

Concen: 14.749 ug/L

RT: 1.36 min Scan# 85

Delta R.T. -0.23 min

Lab File: VV015990.D

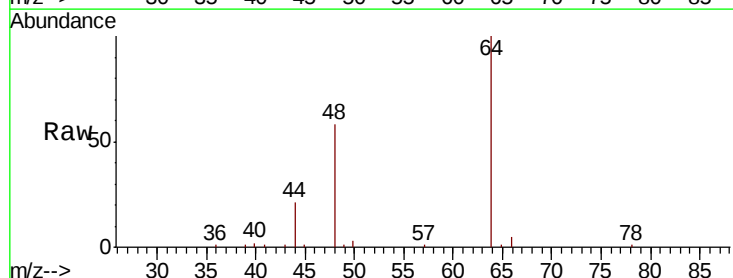
Acq: 11 May 2020 15:25

Tgt Ion: 64 Resp: 112855

Ion Ratio Lower Upper

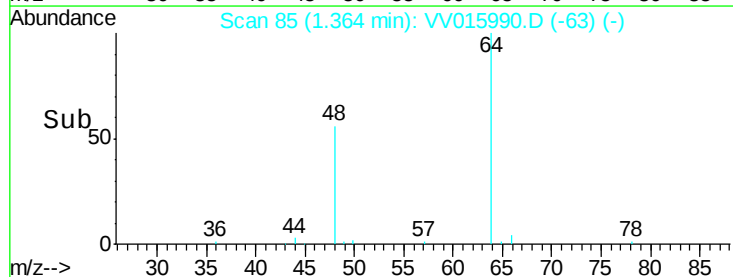
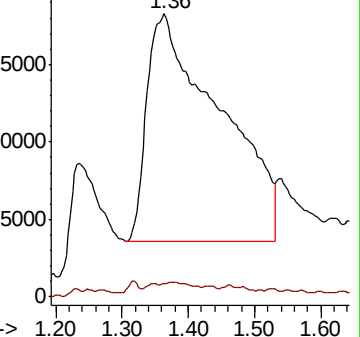
64 100

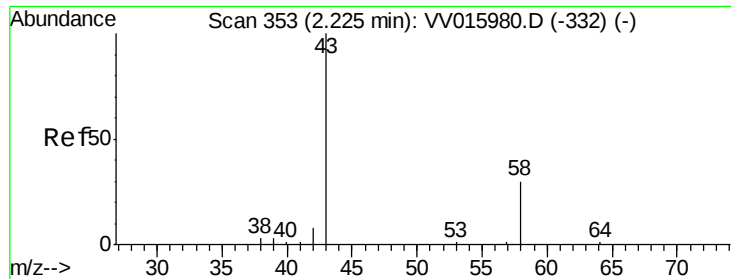
66 4.8 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV015990.D (-63) (-)

Ion 66.05 (65.75 to 66.75): VV015990.D (-63) (-)





#13

Acetone

Concen: 2.604 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

Instrument :

MSVOA_V

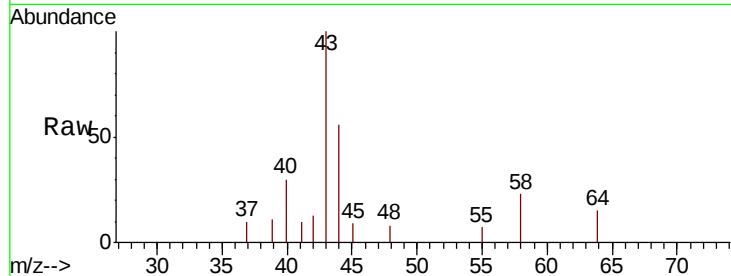
ClientSampleId :

Tot Ion: 43 Resp: 3848

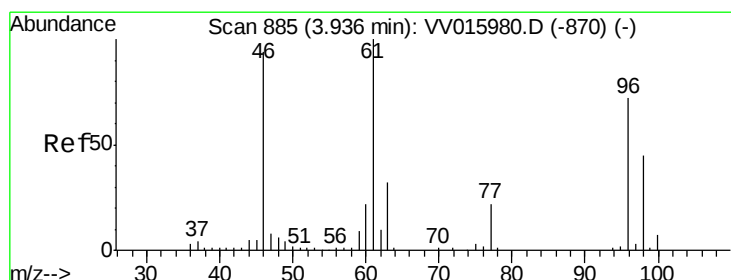
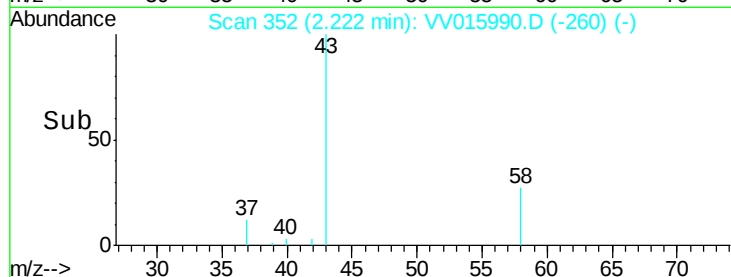
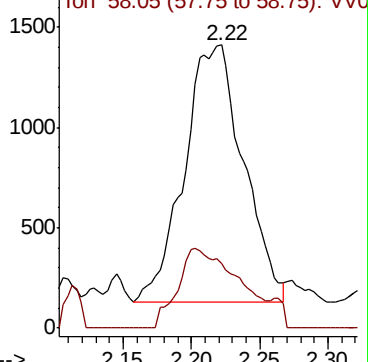
Ion Ratio Lower Upper

43 100

58 32.2 0.0 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV015990.D (-260) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.119 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

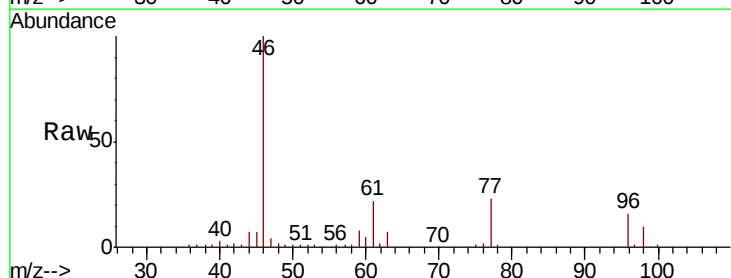
Tgt Ion: 96 Resp: 10314

Ion Ratio Lower Upper

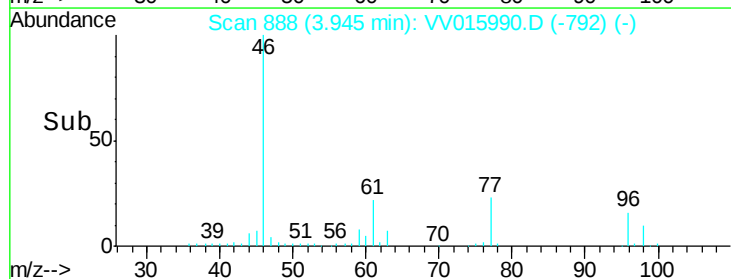
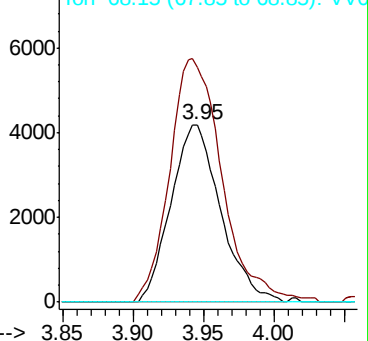
96 100

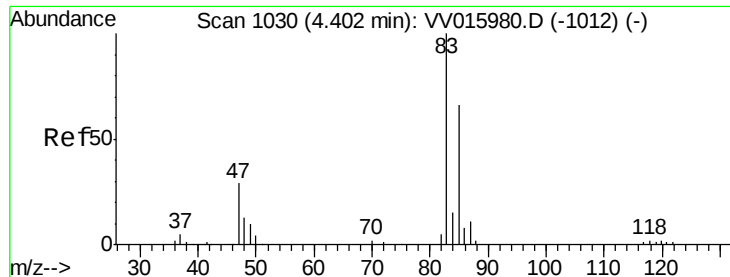
61 132.6 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015990.D (-792) (-)

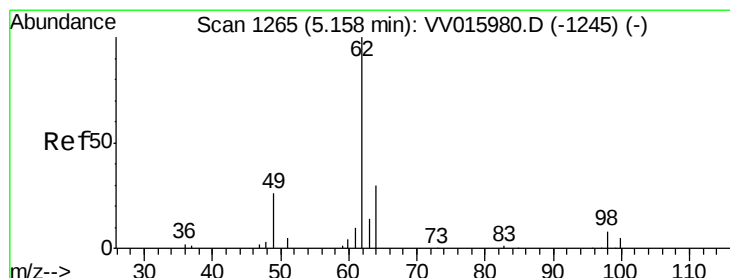
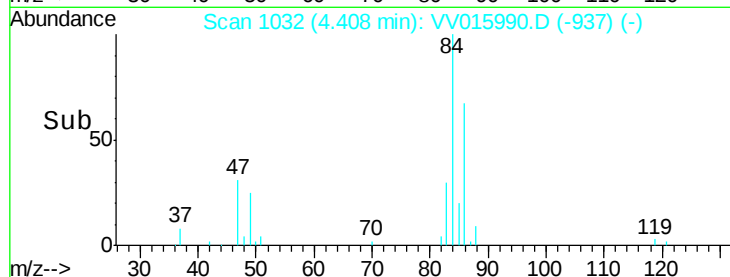
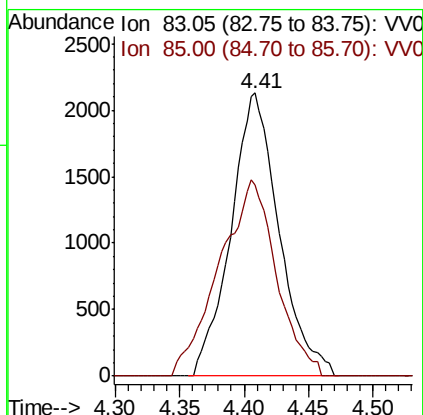
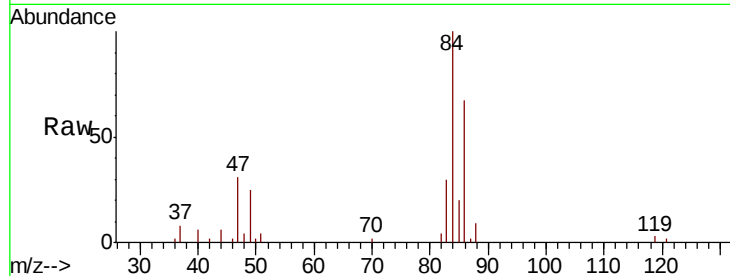




#25
Chloroform
Concen: 0.297 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

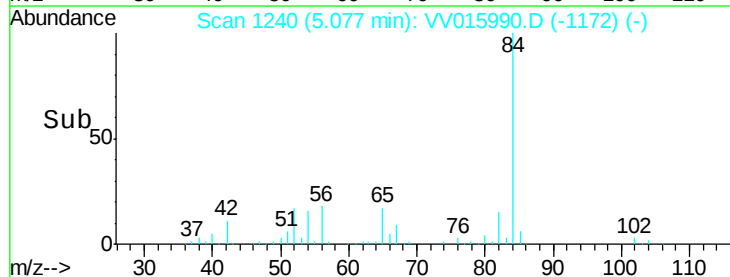
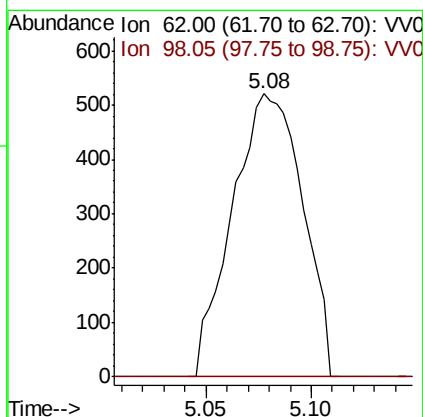
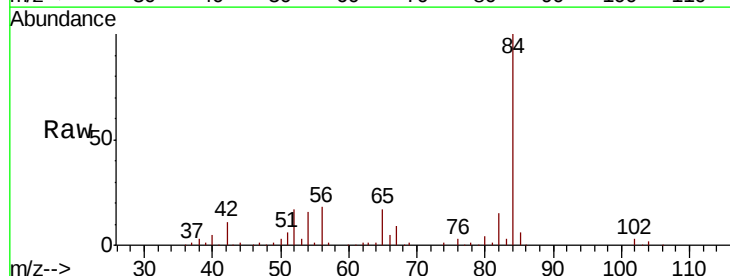
Instrument :
MSVOA_V
ClientSampled :

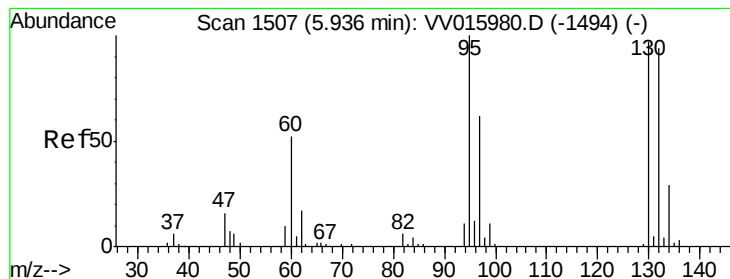
Tot Ion: 83 Resp: 5543
Ion Ratio Lower Upper
83 100
85 67.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.105 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

Tgt Ion: 62 Resp: 1208
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#34

Trichloroethene

Concen: 3.381 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 34847

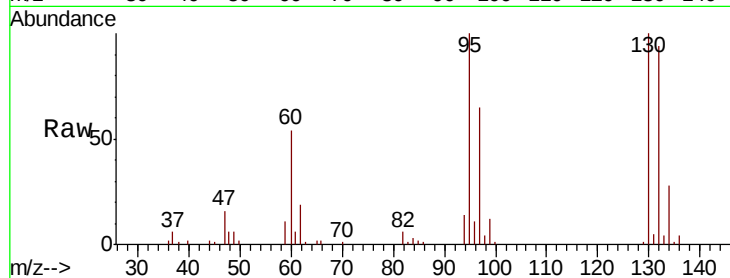
Ion Ratio Lower Upper

95 100

97 65.1 43.3 80.5

132 94.3 60.3 112.1

130 99.5 66.0 122.6



Abundance Ion 95.00 (94.70 to 95.70): VV0

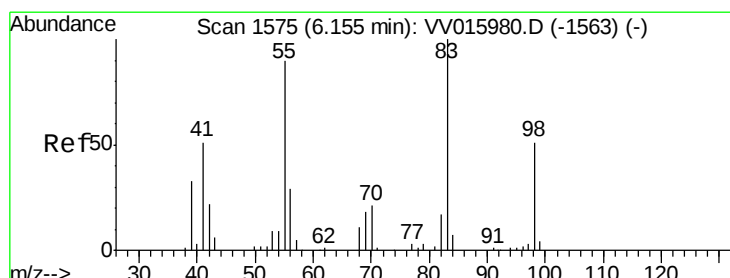
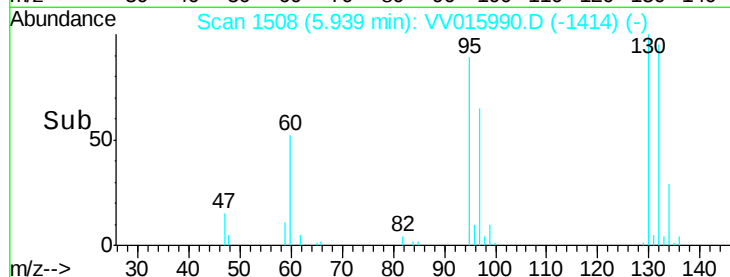
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

5.94

Time-->



#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

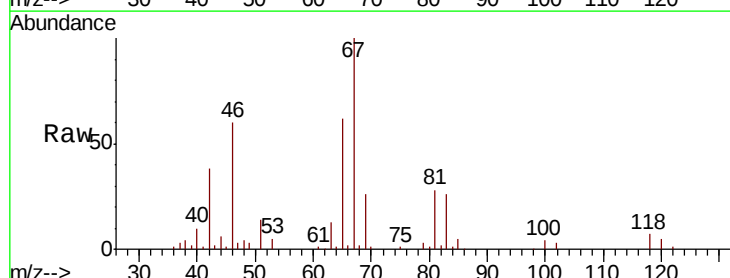
Tgt Ion: 83 Resp: 13313

Ion Ratio Lower Upper

83 100

55 0.2 66.2 99.2#

98 1.0 37.9 56.9#



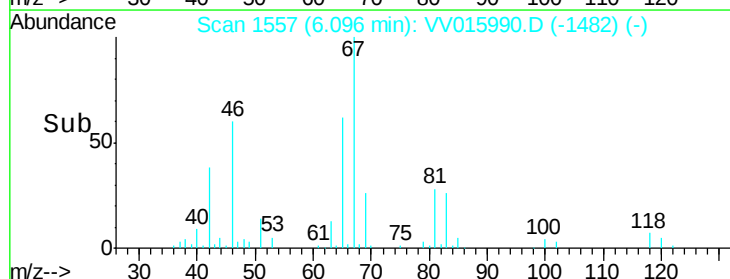
Abundance Ion 83.15 (82.85 to 83.85): VV0

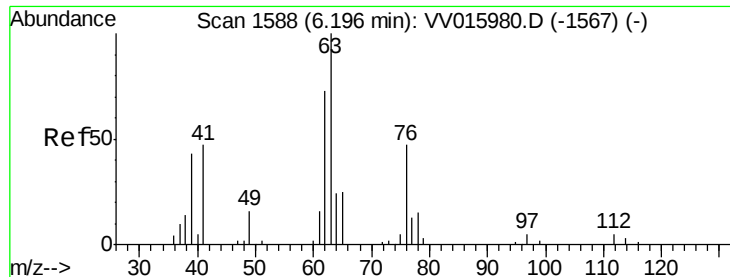
Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

6.10

Time-->

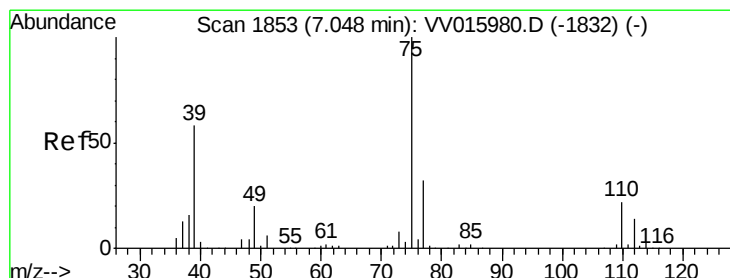
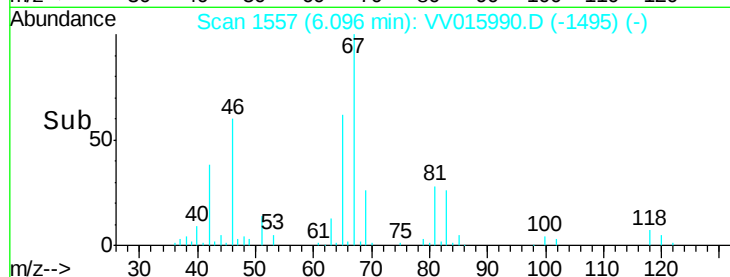
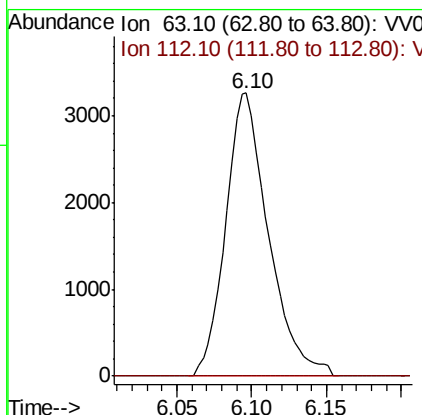
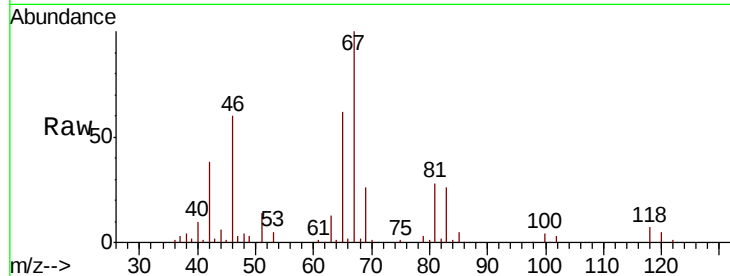




#37
 1,2-Dichloropropane
 Concen: 0.708 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015990.D
 Acq: 11 May 2020 15:25

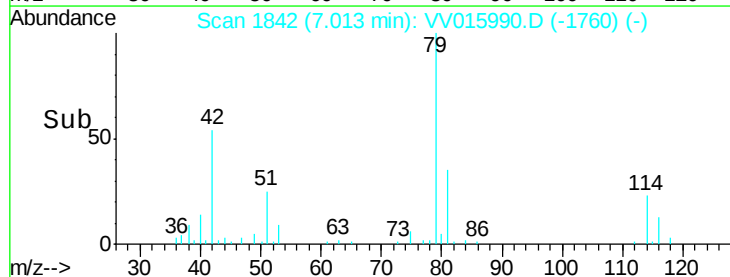
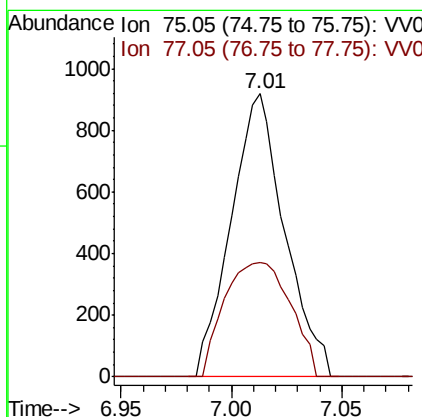
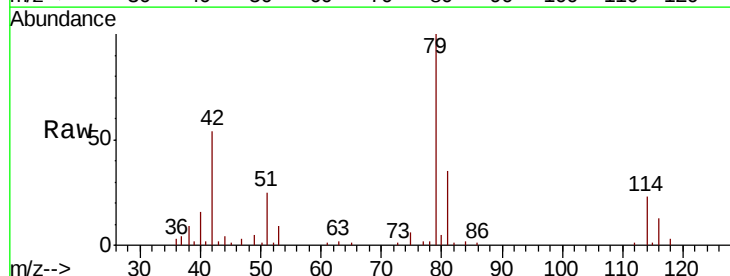
Instrument :
 MSVOA_V
 ClientSampleId :

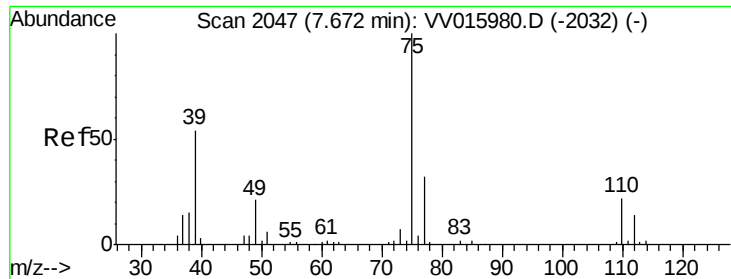
Tot Ion: 63 Resp: 6492
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015990.D
 Acq: 11 May 2020 15:25

Tgt Ion: 75 Resp: 1553
 Ion Ratio Lower Upper
 75 100
 77 40.2 21.3 39.5#

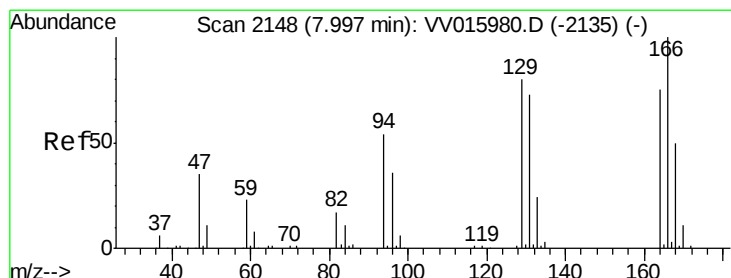
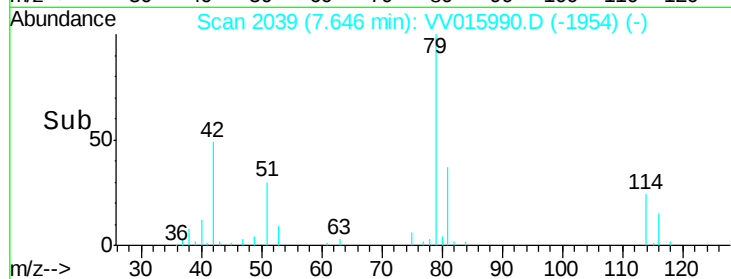
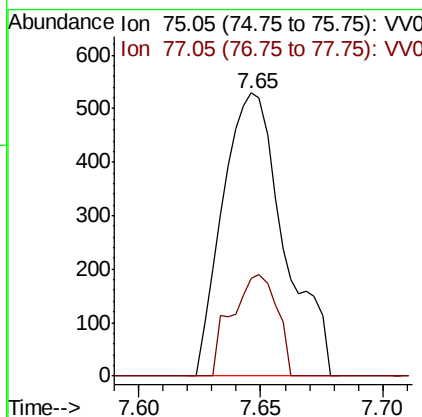
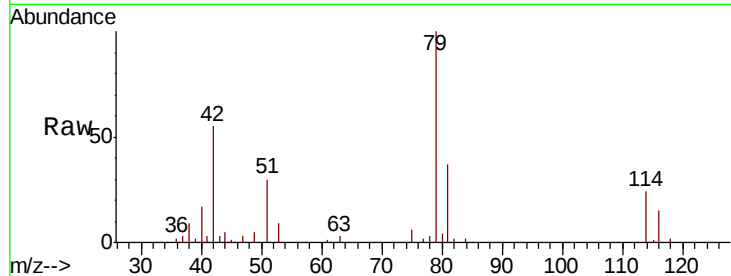




#46
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

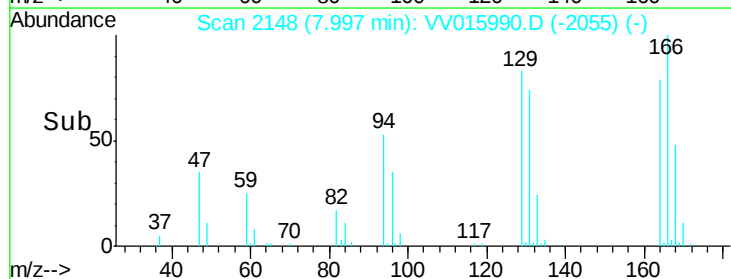
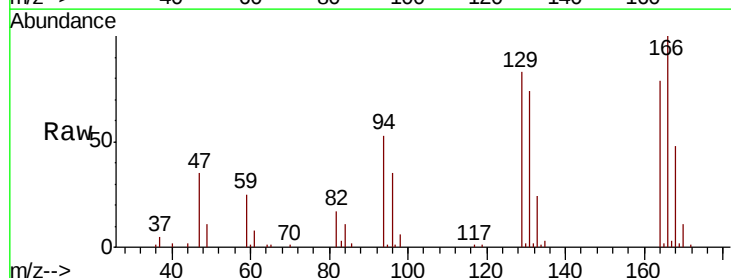
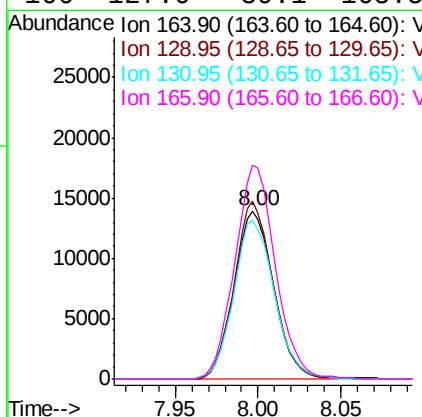
Instrument :
MSVOA_V
ClientSampleId :

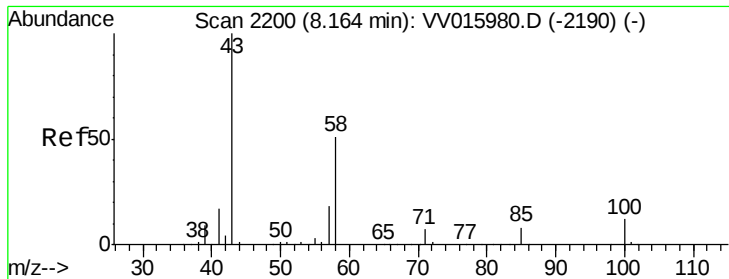
Tot Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 34.6 21.3 39.6



#49
Tetrachloroethene
Concen: 3.241 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

Tgt Ion: 164 Resp: 23310
Ion Ratio Lower Upper
164 100
129 105.7 69.7 129.4
131 94.2 66.8 124.2
166 127.0 89.1 165.5

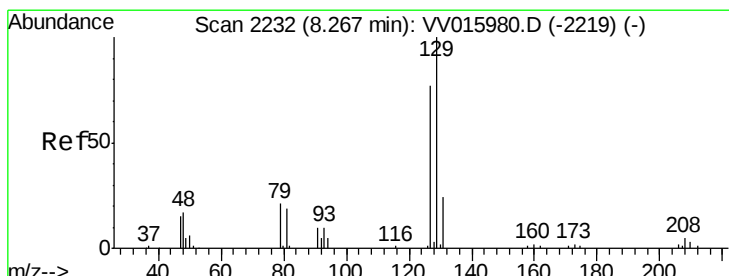
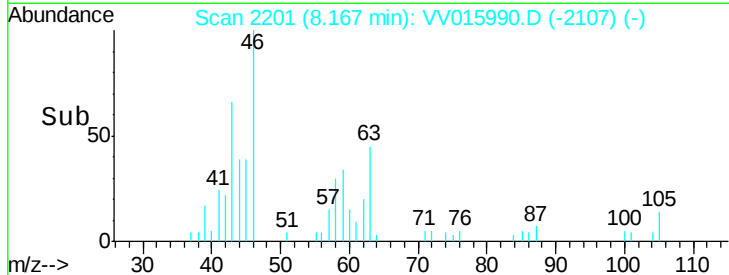
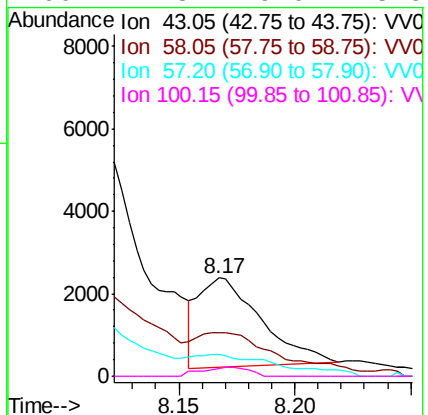
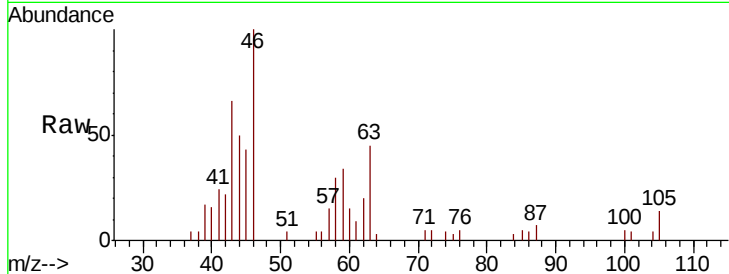




#50
2-Hexanone
Concen: 0.996 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 66.3 40.8 61.2#
57 35.2 14.7 22.1#
100 7.3 9.0 13.6#



#51
Dibromochloromethane
Concen: 3.421 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

Tgt Ion: 129 Resp: 23551
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

