

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015730.D
 Acq On : 27 Apr 2020 15:36
 Operator : SY/MD
 Sample : L2370-18DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26169	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	29390	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	44838	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.91	46	110548	53.39	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.38	84	70596	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	44206	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	139758	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	46029	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	126523	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.64	79	14190	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.11	63	80517	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33602	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	50552	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

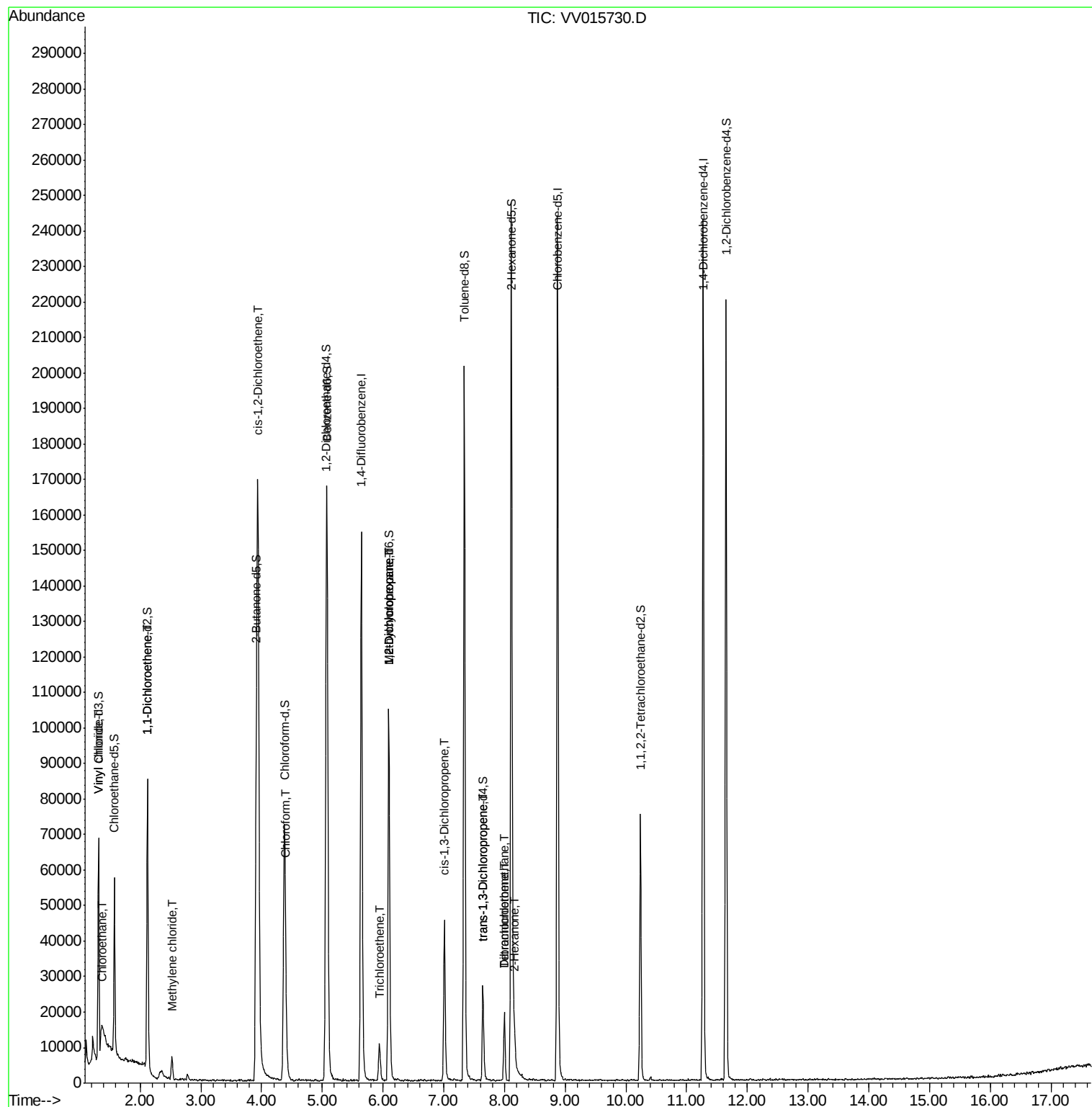
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	13209	1.353	ug/L	88
8) Chloroethane	1.38	64	15344	2.392	ug/L #	51
12) 1,1-Dichloroethene	2.12	96	533	0.074	ug/L #	1
16) Methylene chloride	2.52	84	2432	0.274	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	76056	8.554	ug/L	96
25) Chloroform	4.40	83	7485	0.447	ug/L	96
34) Trichloroethene	5.94	95	3316	0.350	ug/L	94
35) Methylcyclohexane	6.10	83	11875	0.817	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5738	0.658	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1238	0.102	ug/L #	74
44) trans-1,3-Dichloropropene	7.64	75	786	0.077	ug/L	89
47) Tetrachloroethene	8.00	164	4020	0.590	ug/L	97
48) 2-Hexanone	8.17	43	5005	1.241	ug/L #	92
49) Dibromochloromethane	8.00	129	3773	0.614	ug/L #	12

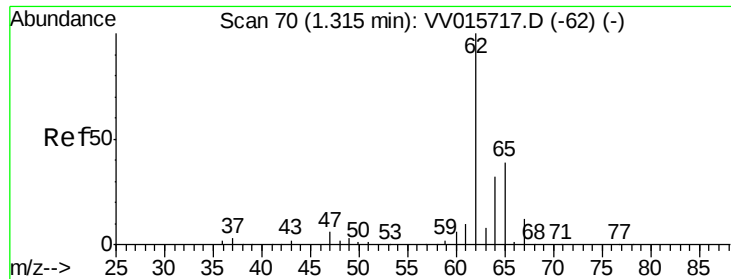
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.353 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015730.D

Acq: 27 Apr 2020 15:36

Instrument :

MSVOA_V

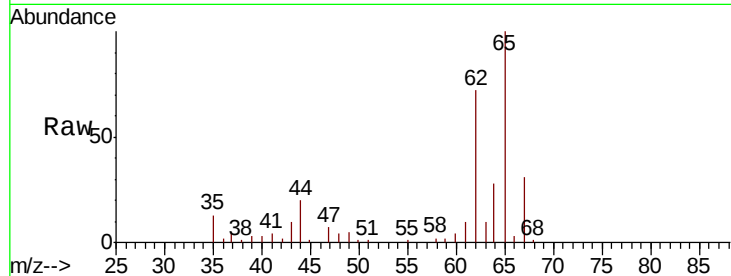
ClientSampled :

Tot Ion: 62 Resp: 13209

Ion Ratio Lower Upper

62 100

64 39.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

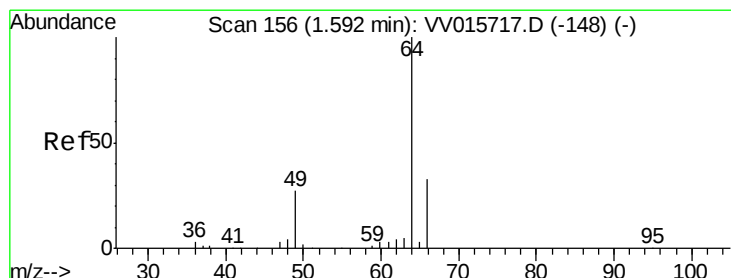
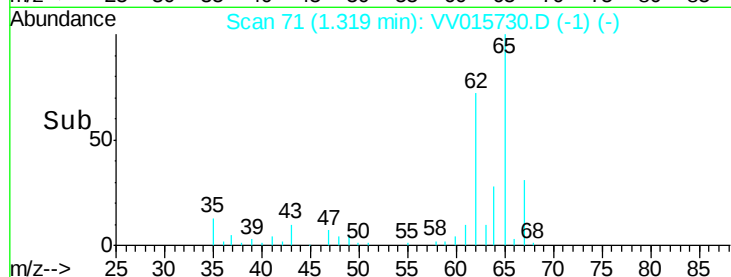
1.32

10000

5000

0

Time-->



#8

Chloroethane

Concen: 2.392 ug/L

RT: 1.38 min Scan# 90

Delta R.T. -0.21 min

Lab File: VV015730.D

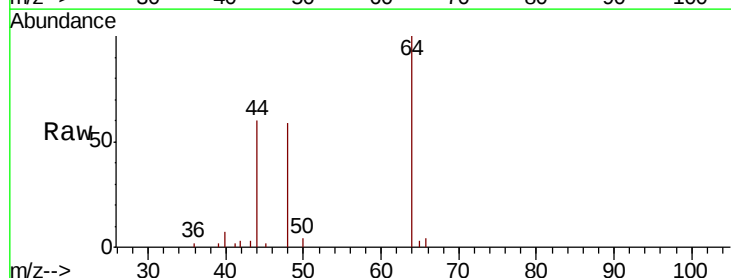
Acq: 27 Apr 2020 15:36

Tgt Ion: 64 Resp: 15344

Ion Ratio Lower Upper

64 100

66 4.5 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.38

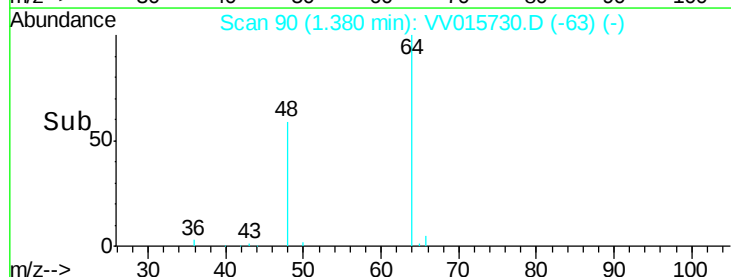
6000

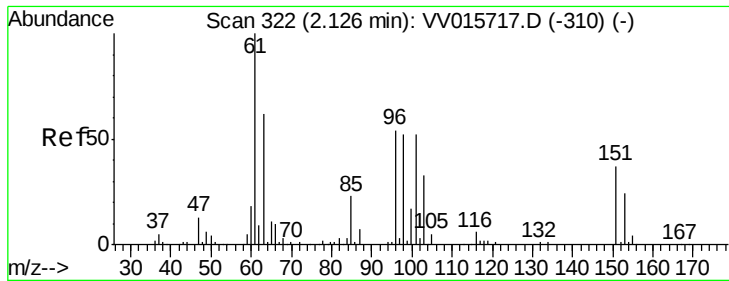
4000

2000

0

Time-->

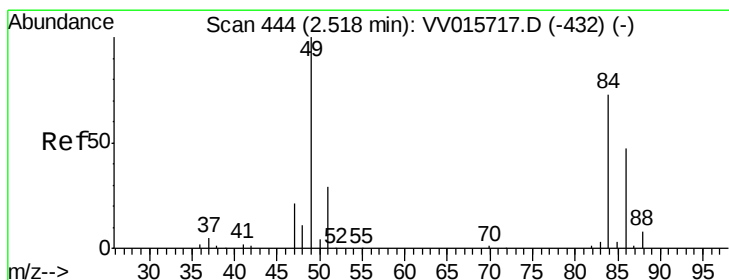
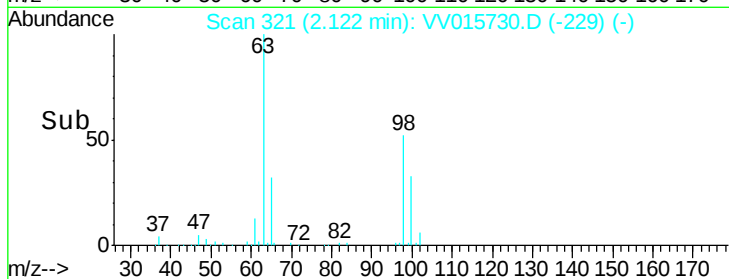
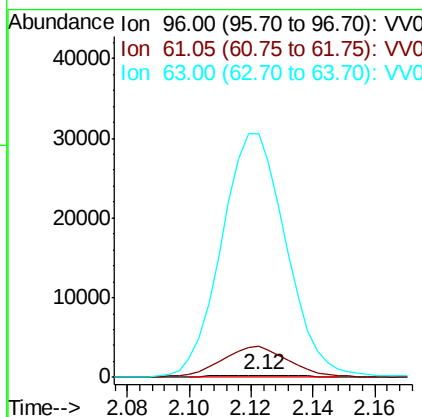
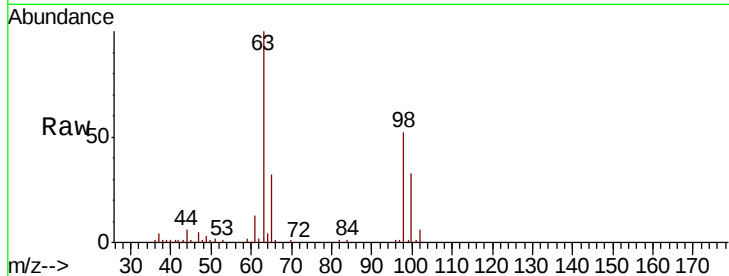




#12
 1,1-Dichloroethene
 Concen: 0.074 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

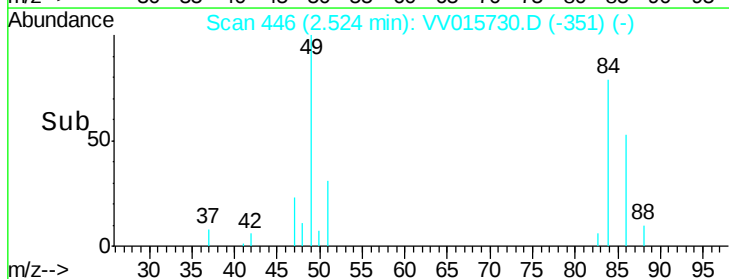
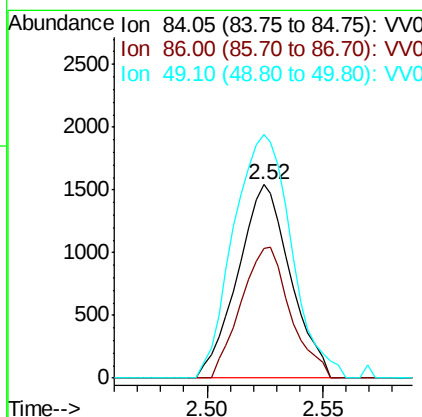
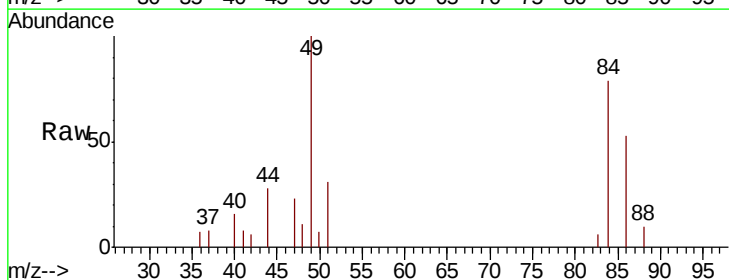
Instrument :
 MSVOA_V
 ClientSampleId :

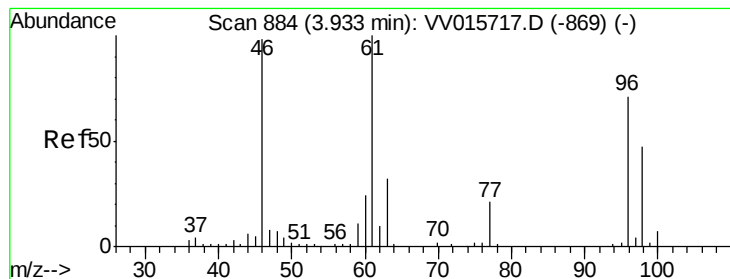
Tot Ion: 96 Resp: 533
 Ion Ratio Lower Upper
 96 100
 61 1324.5 130.1 241.7#
 63 10524.1 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.274 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Tgt Ion: 84 Resp: 2432
 Ion Ratio Lower Upper
 84 100
 86 67.3 45.1 83.7
 49 125.8 94.4 175.4



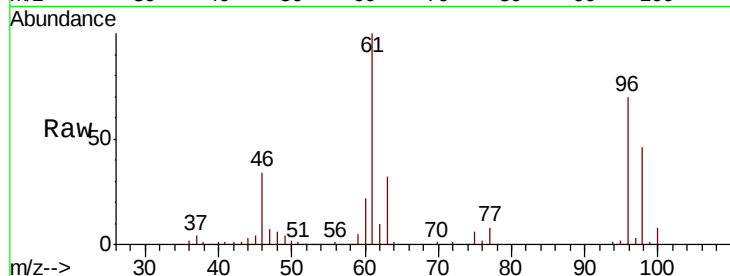


#22

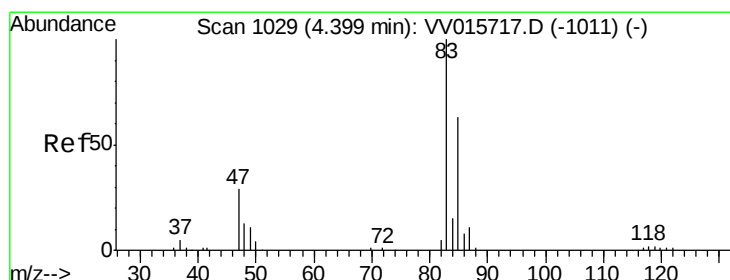
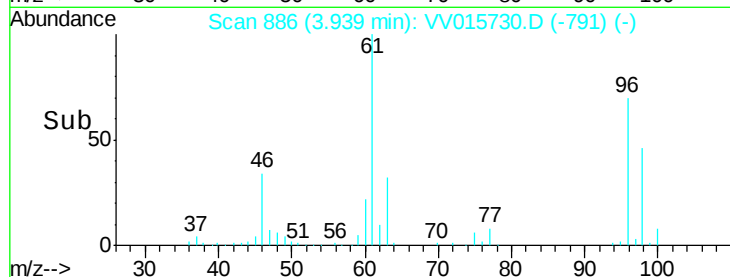
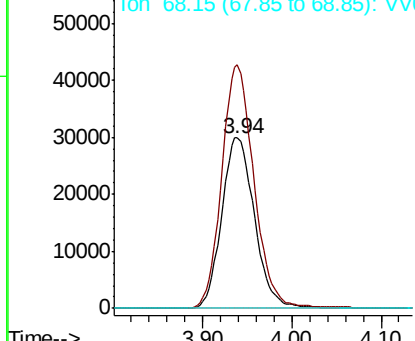
cis-1,2-Dichloroethene
 Concen: 8.554 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 76056
 Ion Ratio Lower Upper
 96 100
 61 142.9 96.4 179.0
 68 0.0 0.0 0.0



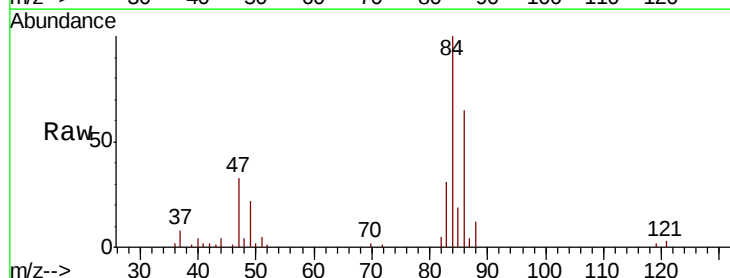
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



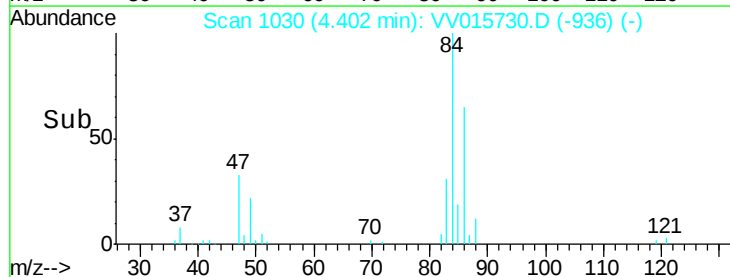
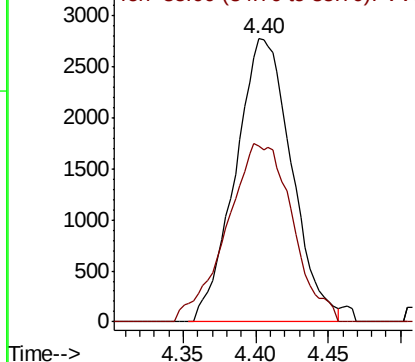
#25

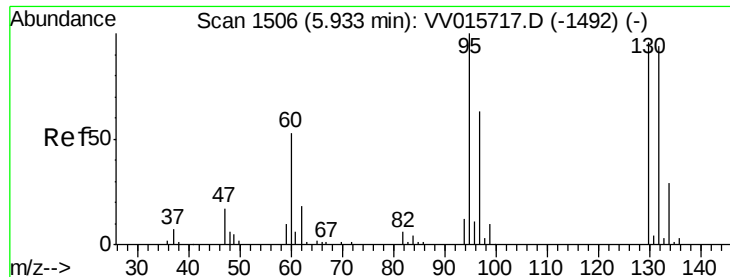
Chloroform
 Concen: 0.447 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Tgt Ion: 83 Resp: 7485
 Ion Ratio Lower Upper
 83 100
 85 62.3 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

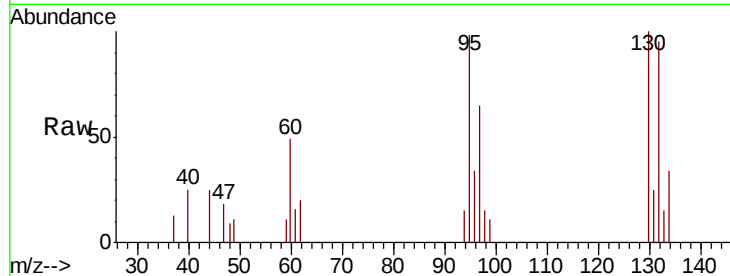




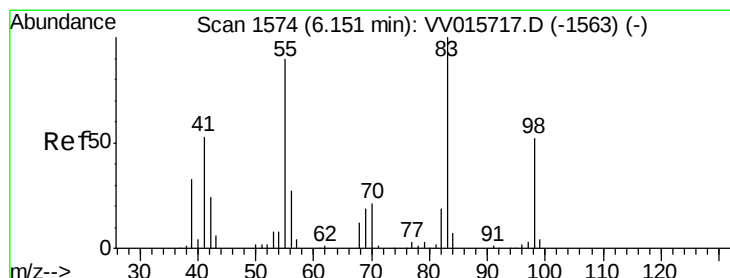
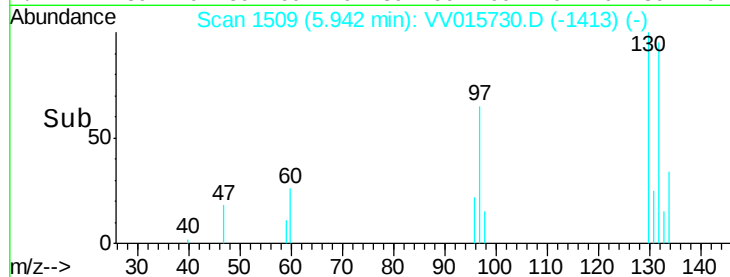
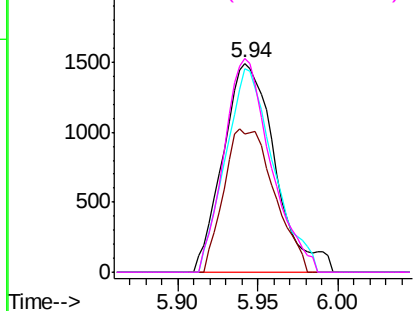
#34
 Trichloroethene
 Concen: 0.350 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 3316
 Ion Ratio Lower Upper
 95 100
 97 66.3 44.7 82.9
 132 97.3 65.2 121.0
 130 102.3 65.0 120.6

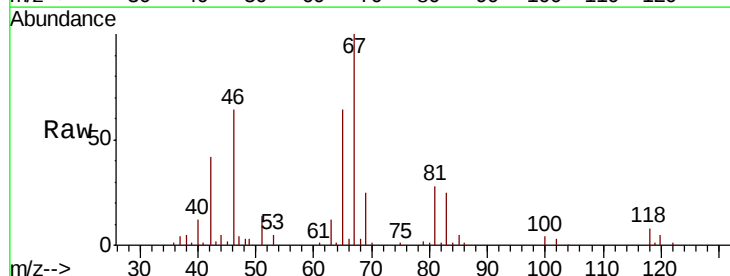


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

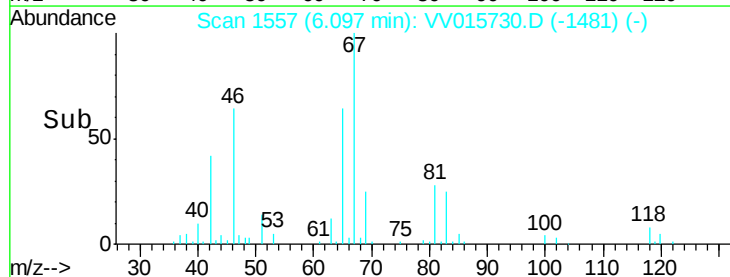
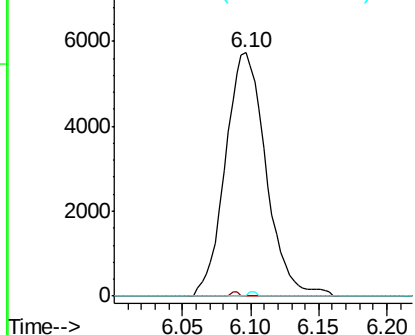


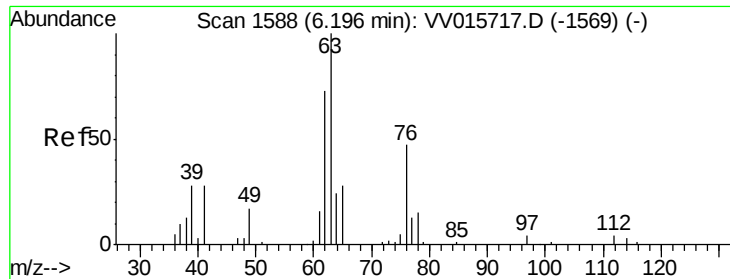
#35
 Methylcyclohexane
 Concen: 0.817 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Tgt Ion: 83 Resp: 11875
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.6 99.8#
 98 0.4 39.5 59.3#



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

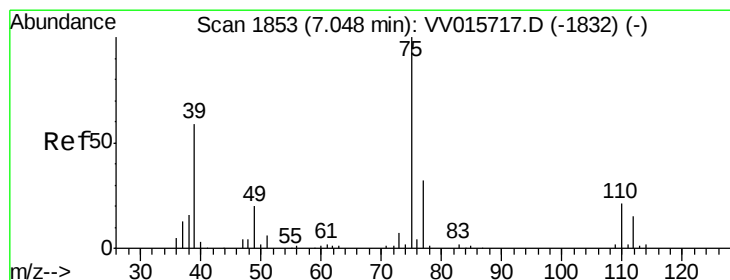
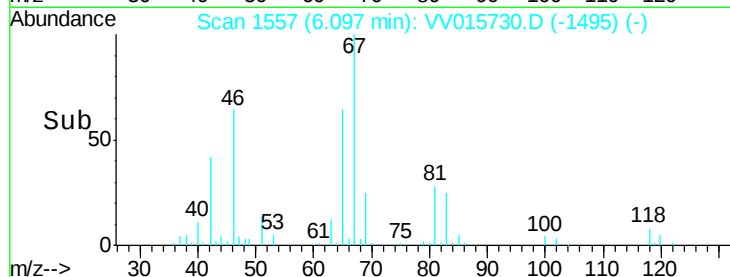
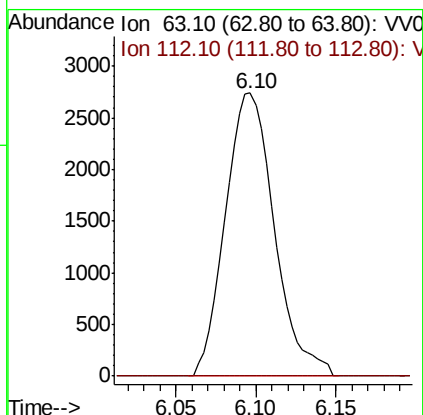
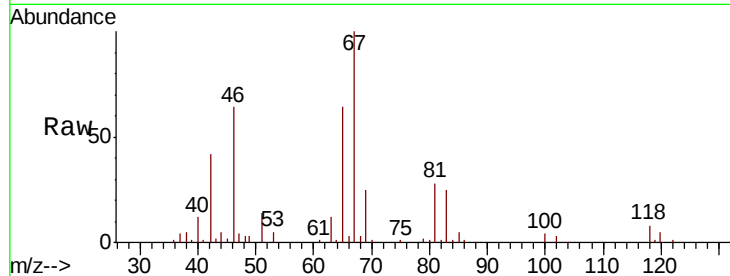




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

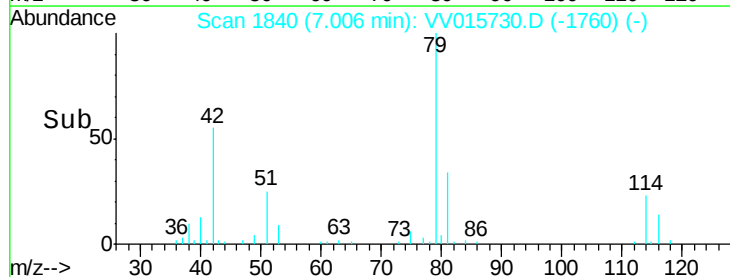
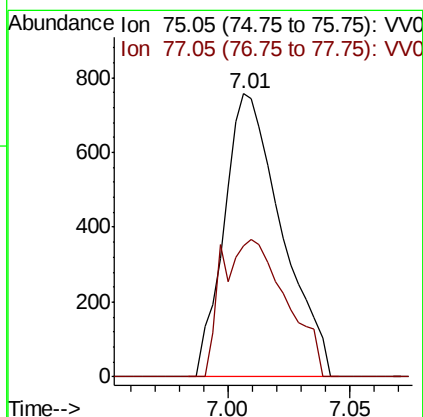
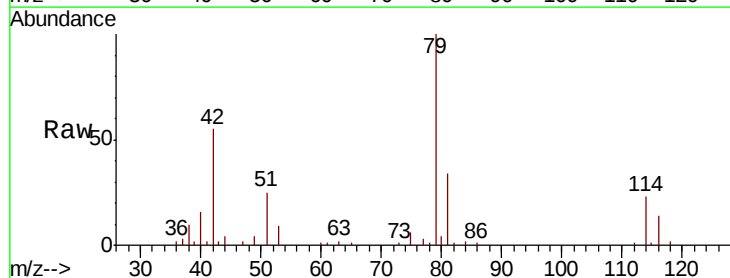
Instrument :
 MSVOA_V
 ClientSampleId :

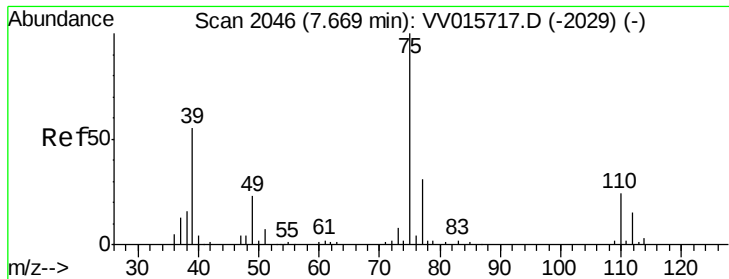
Tot Ion: 63 Resp: 5738
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015730.D
 Acq: 27 Apr 2020 15:36

Tgt Ion: 75 Resp: 1238
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015730.D

Acq: 27 Apr 2020 15:36

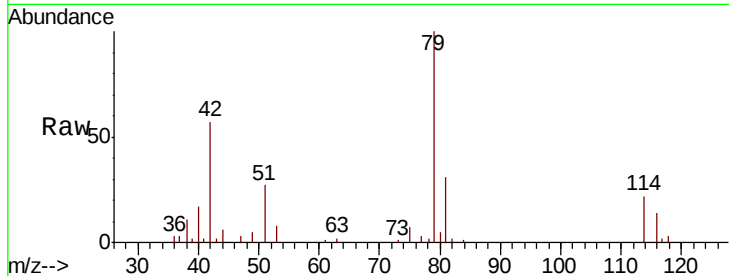
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 786

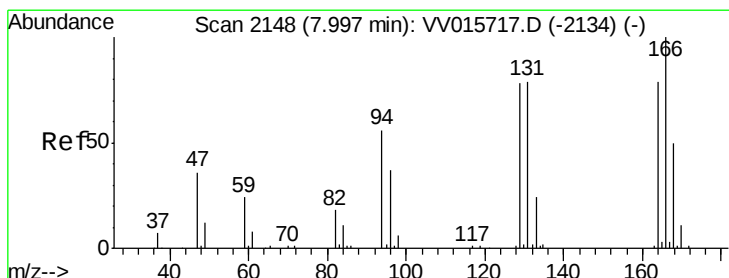
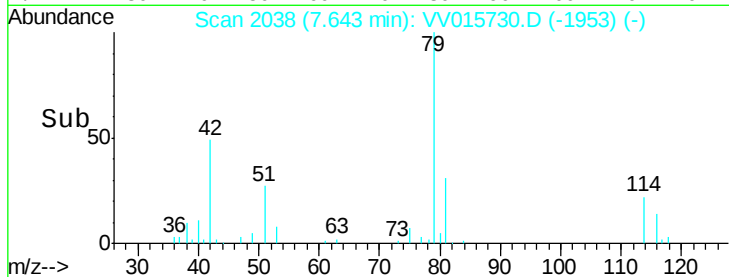
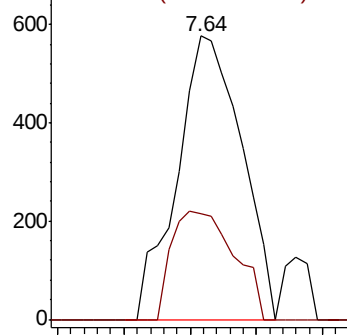
Ion Ratio Lower Upper

75 100

77 37.4 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV015730.D (-1953) (-)



#47

Tetrachloroethene

Concen: 0.590 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015730.D

Acq: 27 Apr 2020 15:36

Tgt Ion: 164 Resp: 4020

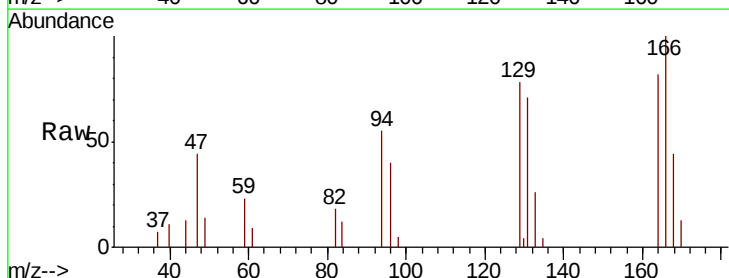
Ion Ratio Lower Upper

164 100

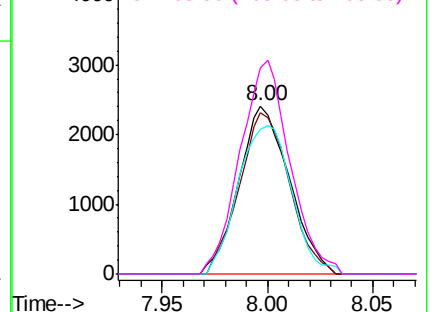
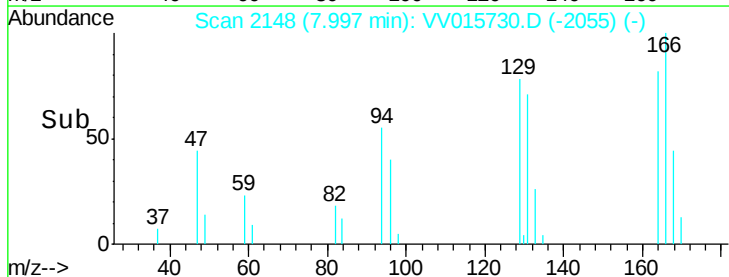
129 95.9 66.7 123.9

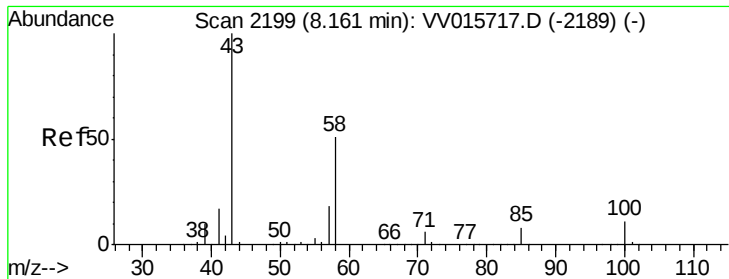
131 86.3 66.6 123.6

166 122.4 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015730.D (-2055) (-)

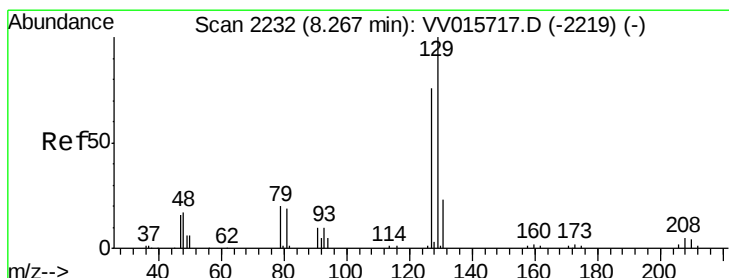
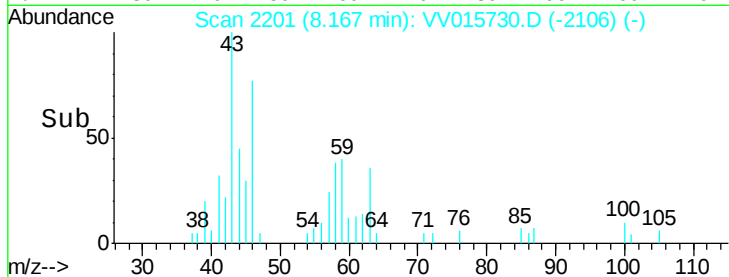
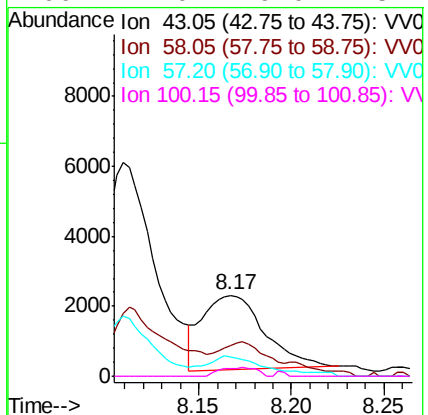
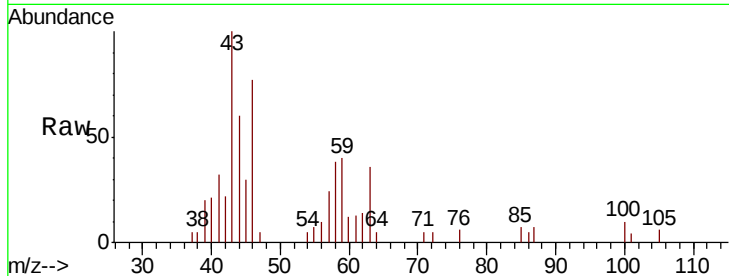




#48
2-Hexanone
Concen: 1.241 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015730.D
Acq: 27 Apr 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
58 45.5 41.1 61.7
57 17.1 15.0 22.4
100 7.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.614 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015730.D
Acq: 27 Apr 2020 15:36

Tgt Ion: 129 Resp: 3773
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

