

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016017.D
 Acq On : 12 May 2020 16:16
 Operator : SY/MD
 Sample : L2541-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136828	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28968	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	31272	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	49791	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.91	46	106428	50.95	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.38	84	70106	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	45570	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.08	84	148952	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.10	67	48445	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	131020	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.65	79	11765	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
48) 2-Hexanone-d5	8.11	63	71532	41.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33968	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	51069	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

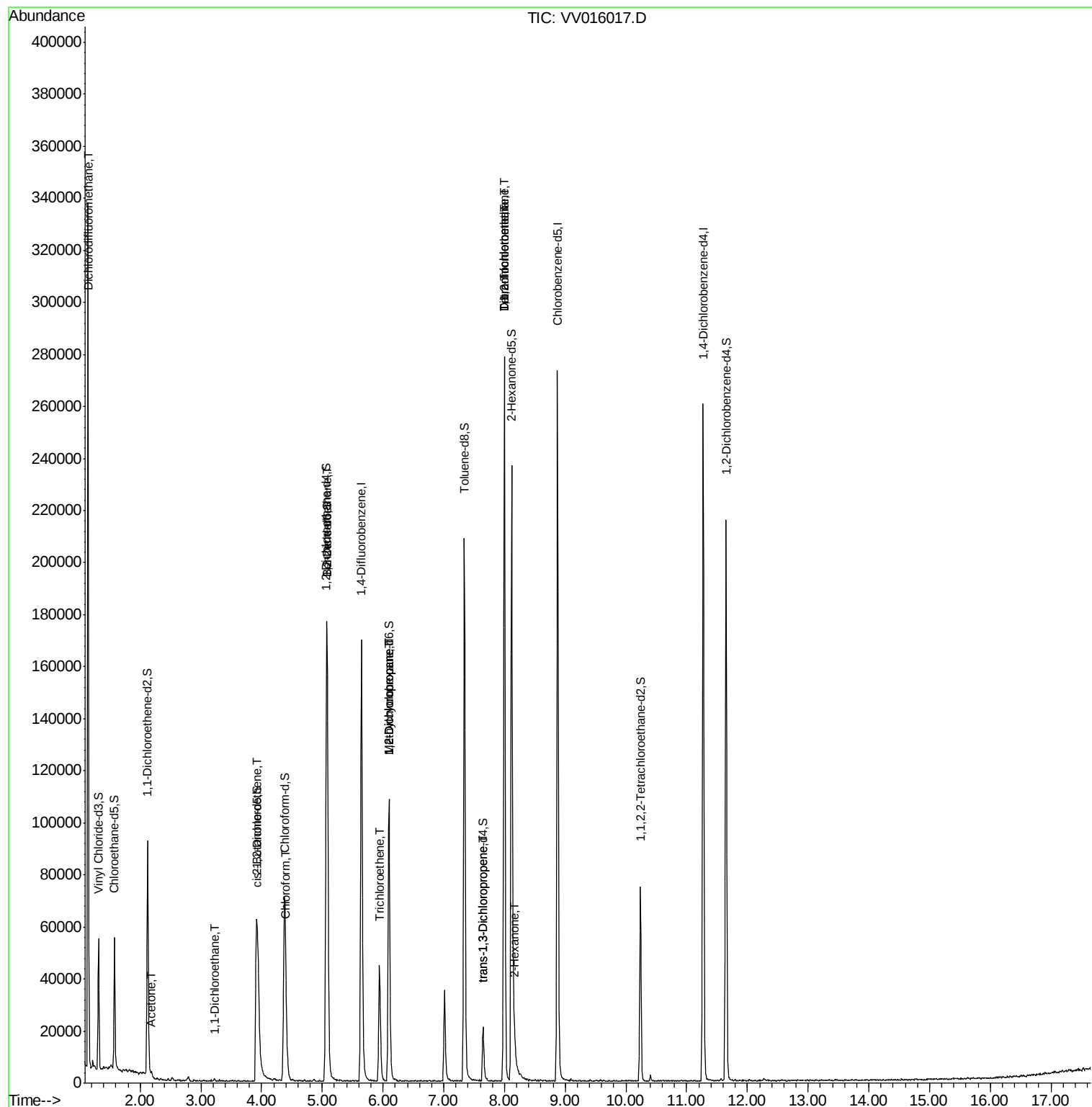
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3466	0.335 ug/L	99
13) Acetone	2.19	43	2639	1.915 ug/L	69
19) 1,1-Dichloroethane	3.22	63	830	0.052 ug/L #	75
22) cis-1,2-Dichloroethene	3.94	96	11736	1.366 ug/L	90
25) Chloroform	4.41	83	12224	0.702 ug/L	95
27) 1,2-Dichloroethane	5.08	62	1134	0.106 ug/L #	76
34) Trichloroethene	5.94	95	14799	1.506 ug/L	98
35) Methylcyclohexane	6.10	83	12166	0.819 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5980	0.684 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	538	0.052 ug/L #	68
47) 1,1,2-Trichloroethane	8.00	97	550	0.094 ug/L #	1
49) Tetrachloroethene	8.00	164	57718	8.419 ug/L	99
50) 2-Hexanone	8.17	43	4822	1.251 ug/L #	91
51) Dibromochloromethane	8.00	129	56143	8.555 ug/L #	9

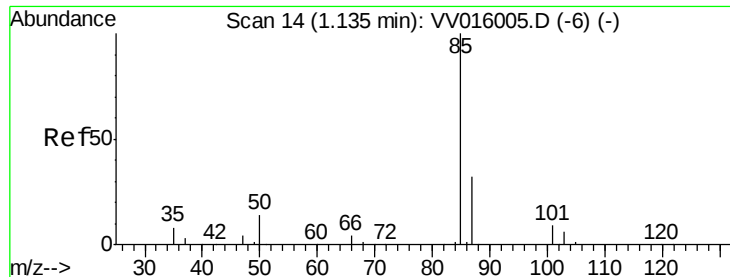
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.335 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016017.D

Acq: 12 May 2020 16:16

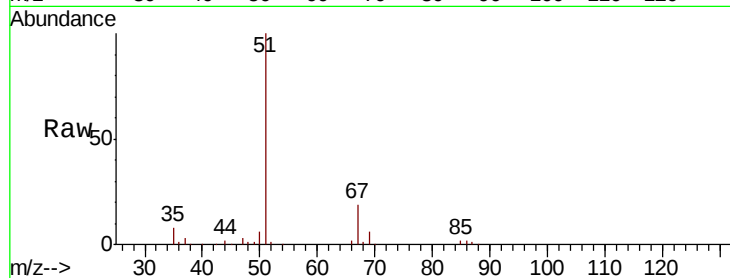
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 3466

Ion Ratio Lower Upper

85 100

87 32.5 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV016005.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV016005.D (-6) (-)

1.14

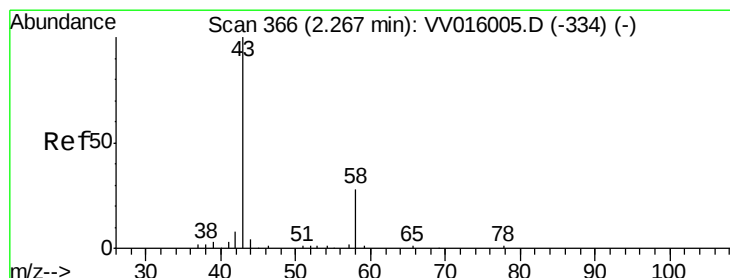
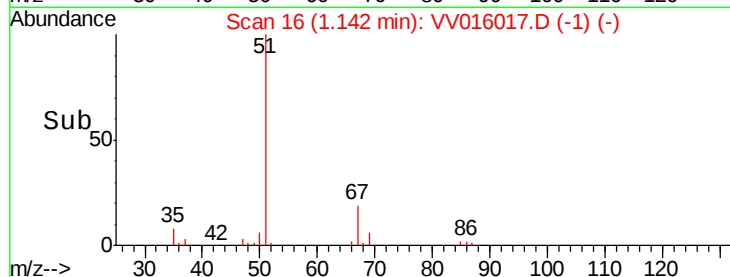
3000

2000

1000

0

Time--> 1.10 1.12 1.14 1.16 1.18



#13

Acetone

Concen: 1.915 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.08 min

Lab File: VV016017.D

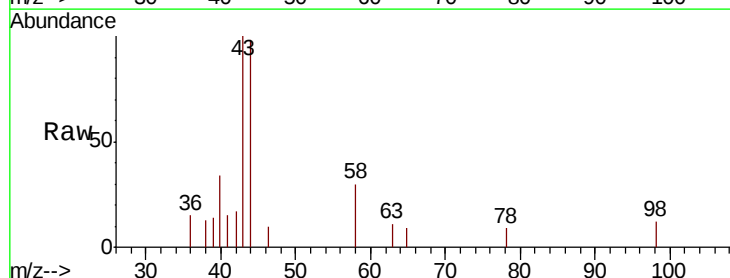
Acq: 12 May 2020 16:16

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

43 100

58 28.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016005.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV016005.D (-334) (-)

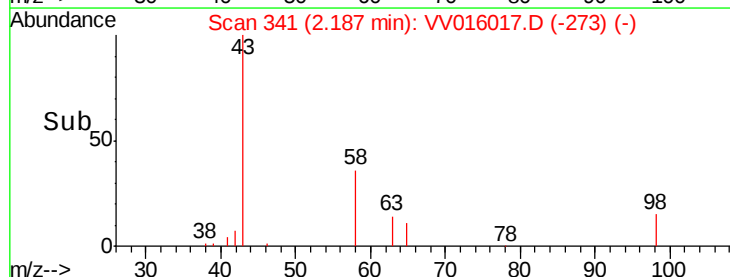
2.19

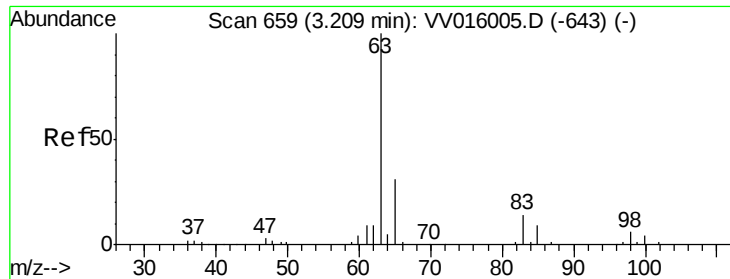
1000

500

0

Time--> 2.15 2.20 2.25

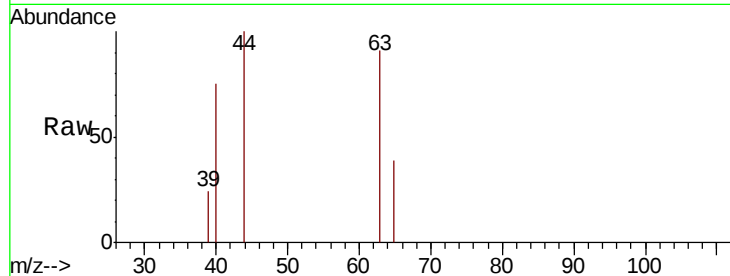




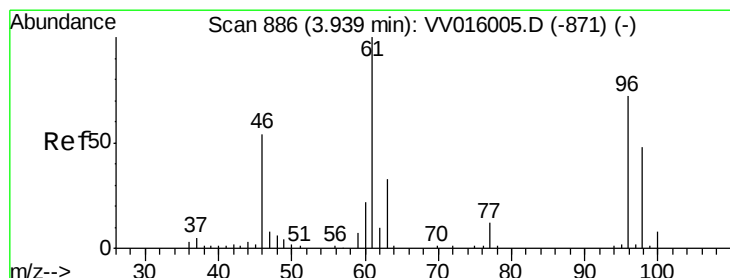
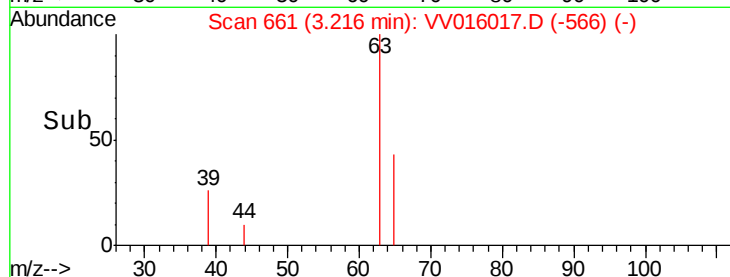
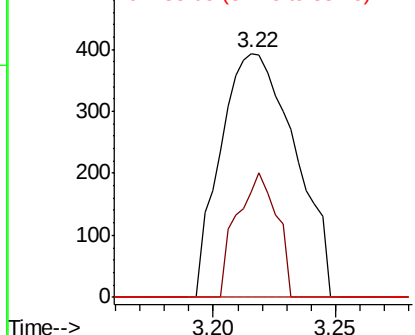
#19
 1,1-Dichloroethane
 Concen: 0.052 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 830
 Ion Ratio Lower Upper
 63 100
 65 43.0 22.0 41.0#
 83 0.0 9.8 18.2#

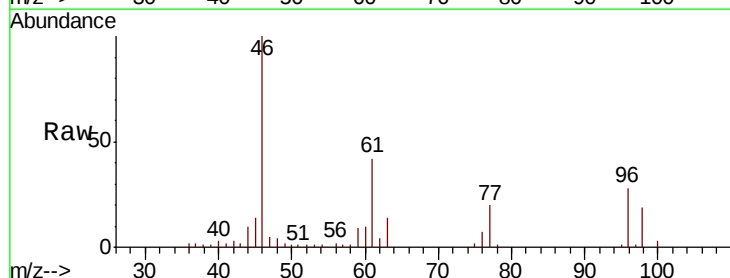


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

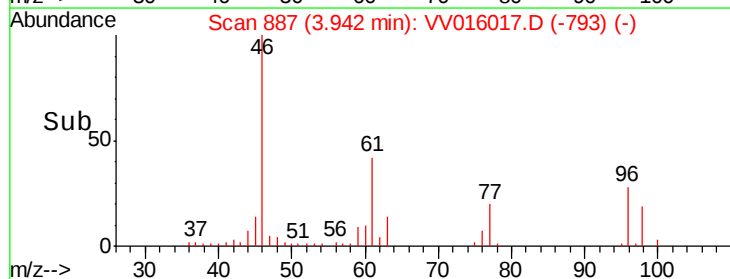
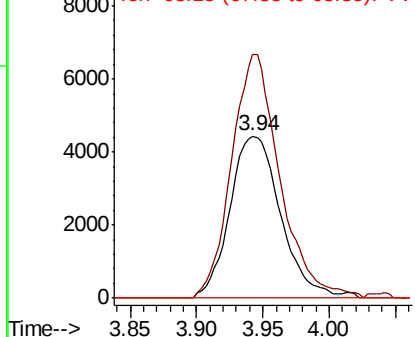


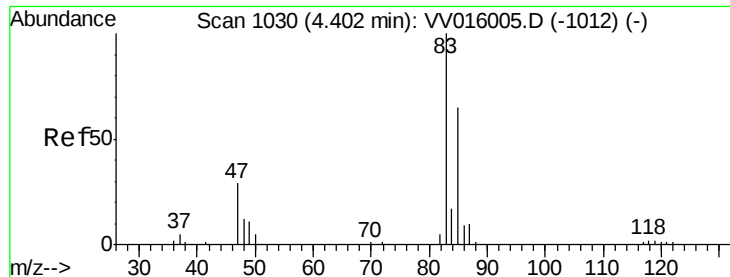
#22
 cis-1,2-Dichloroethene
 Concen: 1.366 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

Tgt Ion: 96 Resp: 11736
 Ion Ratio Lower Upper
 96 100
 61 150.5 97.2 180.6
 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

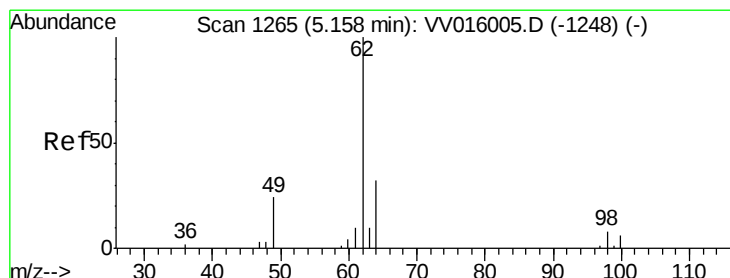
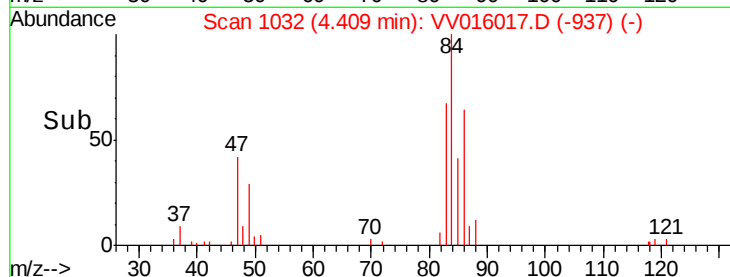
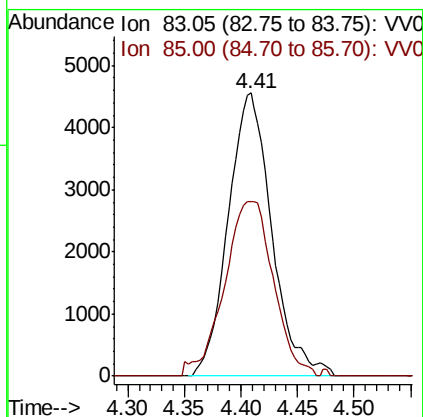
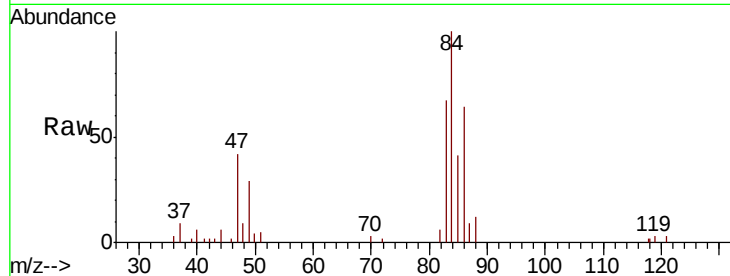




#25
Chloroform
Concen: 0.702 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

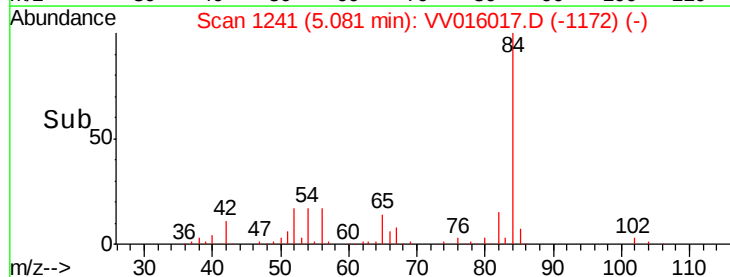
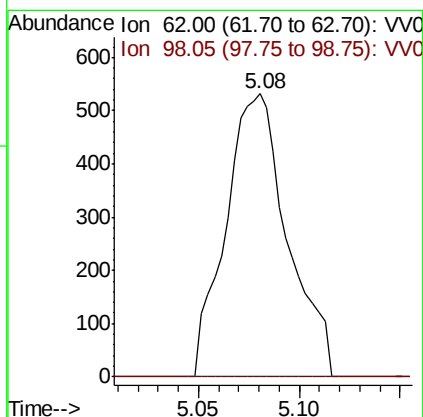
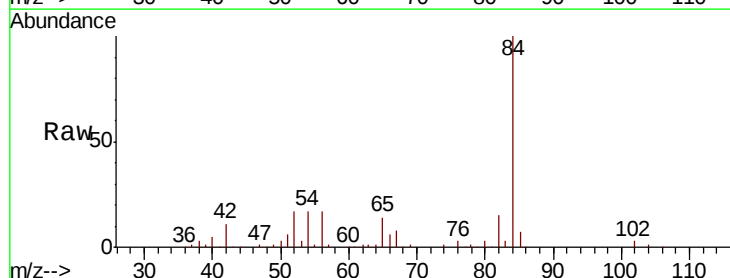
Instrument :
MSVOA_V
ClientSampled :

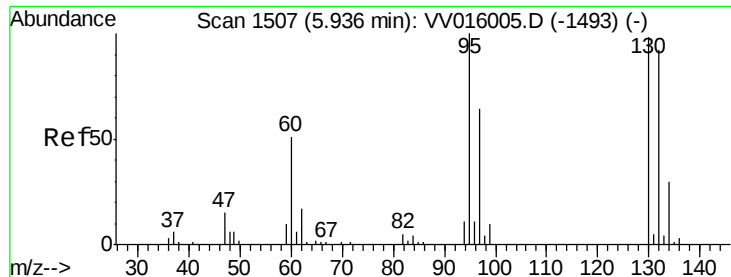
Tot Ion: 83 Resp: 12224
Ion Ratio Lower Upper
83 100
85 61.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Tgt Ion: 62 Resp: 1134
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

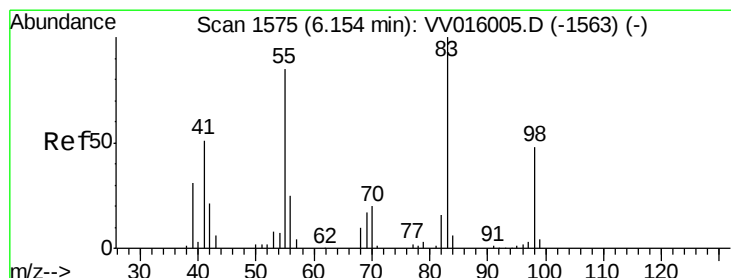
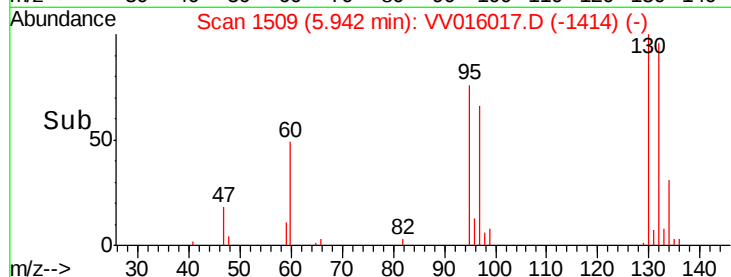
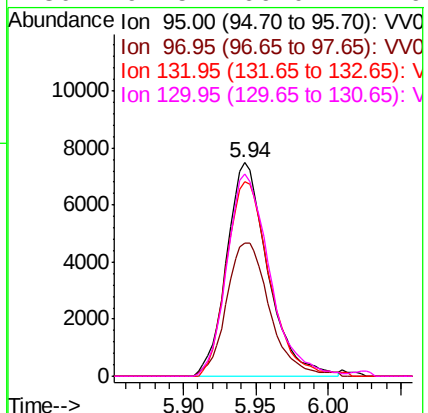
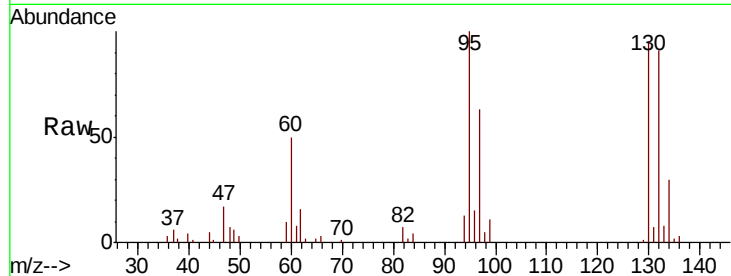




#34
 Trichloroethene
 Concen: 1.506 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

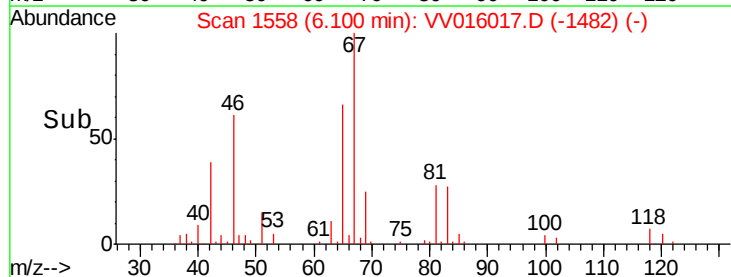
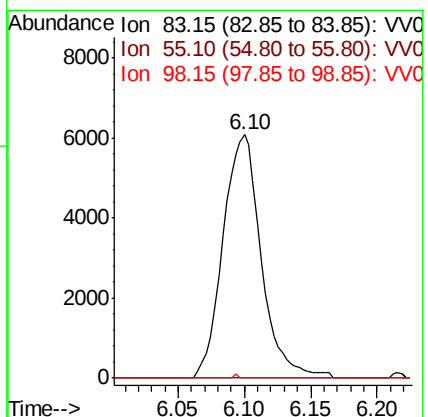
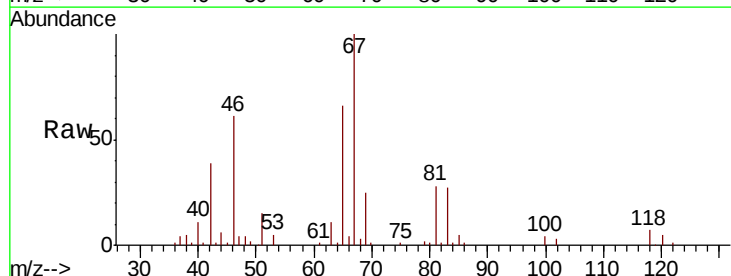
Instrument :
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 ClientSampleId :

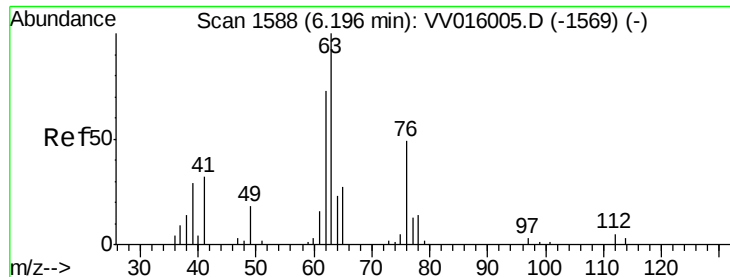
Tot Ion: 95 Resp: 14799
 Ion Ratio Lower Upper
 95 100
 97 62.6 43.3 80.5
 132 91.0 60.3 112.1
 130 94.5 66.0 122.6



#35
 Methylcyclohexane
 Concen: 0.819 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.05 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

Tgt Ion: 83 Resp: 12166
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 1.5 37.9 56.9#

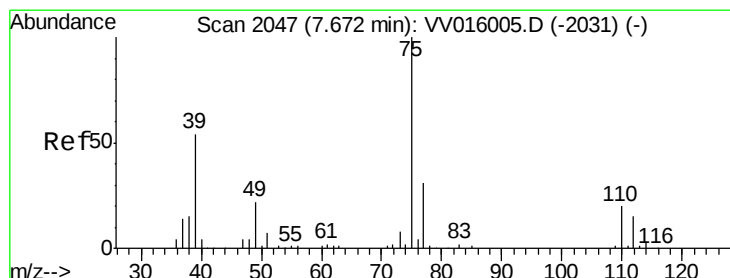
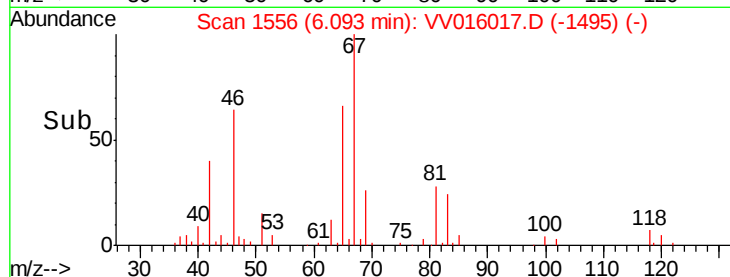
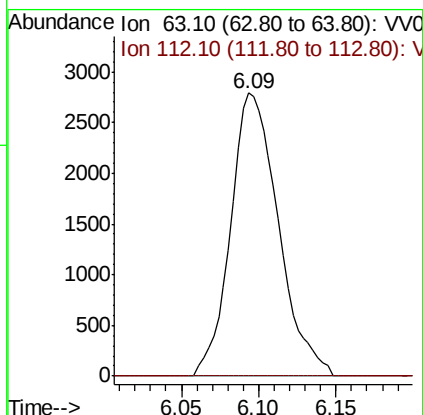
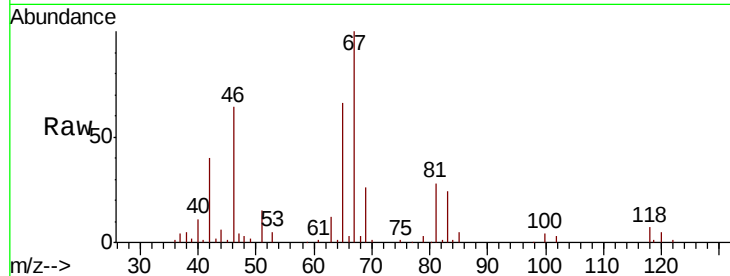




#37
 1,2-Dichloropropane
 Concen: 0.684 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

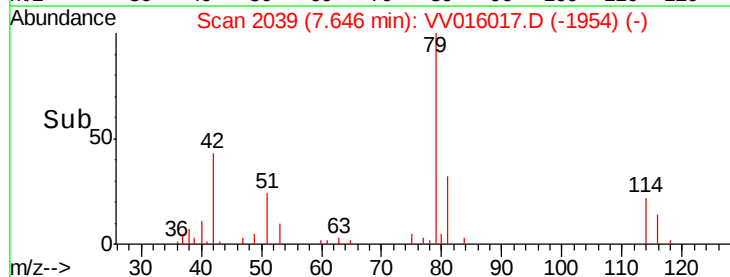
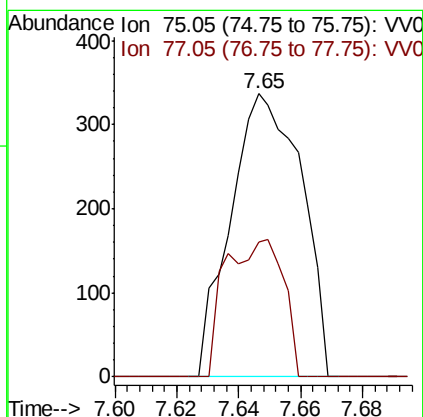
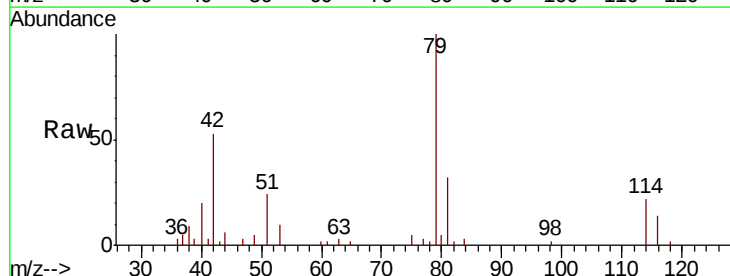
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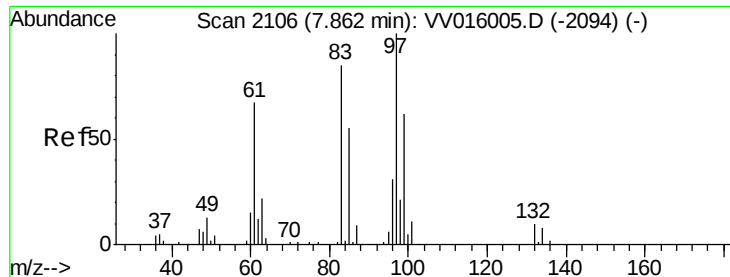
Tot Ion: 63 Resp: 5980
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016017.D
 Acq: 12 May 2020 16:16

Tgt Ion: 75 Resp: 538
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.3 39.6#

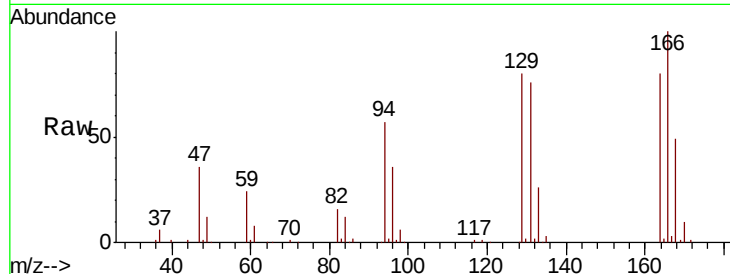




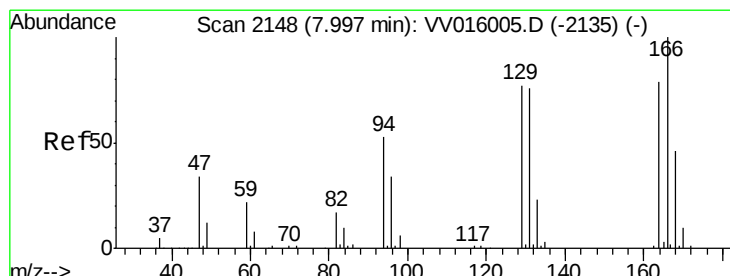
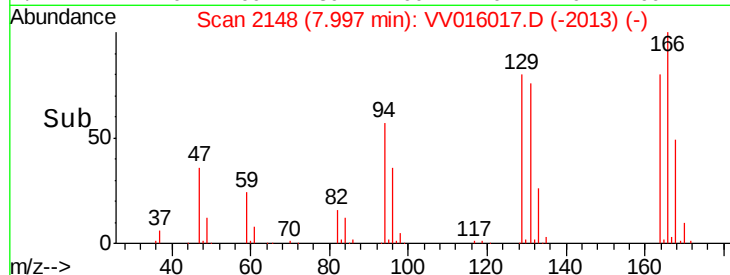
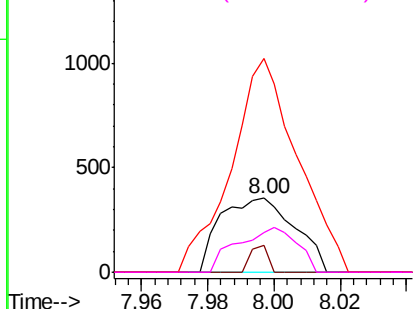
#47
1,1,2-Trichloroethane
Concen: 0.094 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 550
Ion Ratio Lower Upper
97 100
99 36.3 42.1 78.1#
83 289.2 59.2 110.0#
85 53.8 38.6 71.8



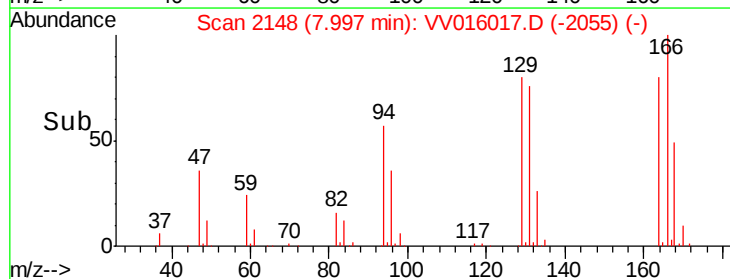
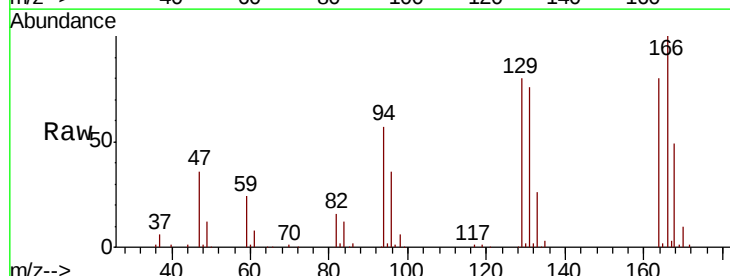
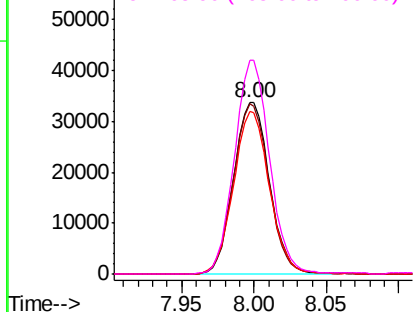
Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0

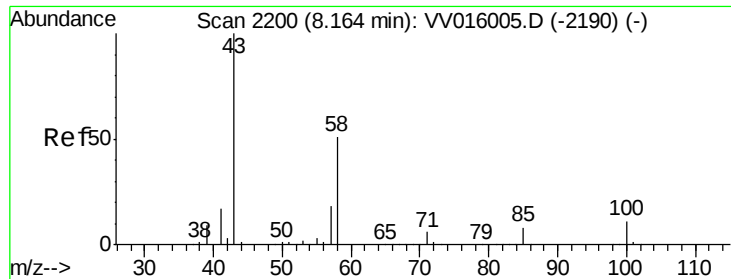


#49
Tetrachloroethene
Concen: 8.419 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Tgt Ion: 164 Resp: 57718
Ion Ratio Lower Upper
164 100
129 99.6 69.7 129.4
131 94.8 66.8 124.2
166 124.7 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

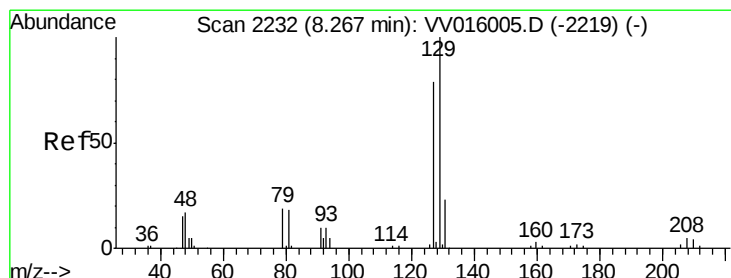
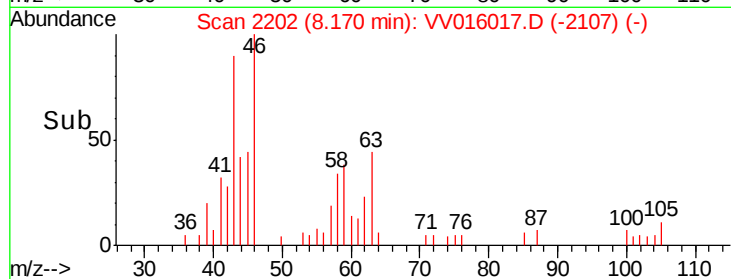
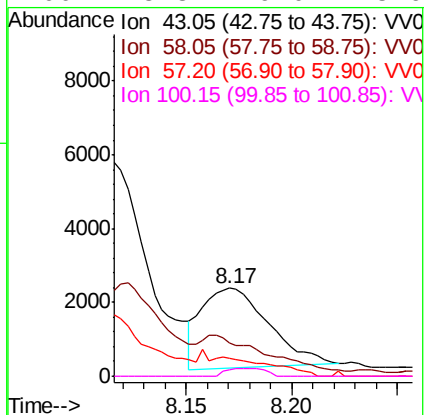
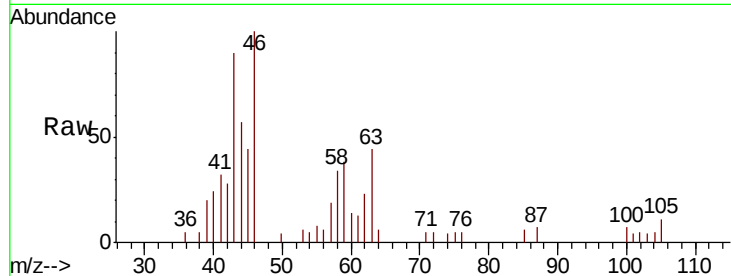




#50
2-Hexanone
Concen: 1.251 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4822
Ion Ratio Lower Upper
43 100
58 43.6 40.8 61.2
57 18.2 14.7 22.1
100 5.8 9.0 13.6#



#51
Dibromochloromethane
Concen: 8.555 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016017.D
Acq: 12 May 2020 16:16

Tgt Ion: 129 Resp: 56143
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

