

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017420.D
 Acq On : 10 Jul 2020 00:10
 Operator : SY/MD
 Sample : L3253-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A28

Quant Time: Jul 10 05:15:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57133	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	44543	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.46%
11) 1,1-Dichloroethene-d2	2.12	63	98950	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	3.91	46	89889	92.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.83%
24) Chloroform-d	4.38	84	140594	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.06	65	104952	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.08	84	250166	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	72493	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.50%
41) Toluene-d8	7.34	98	234139	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.64	79	39941	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.11	63	57090	86.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98736	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	101057	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

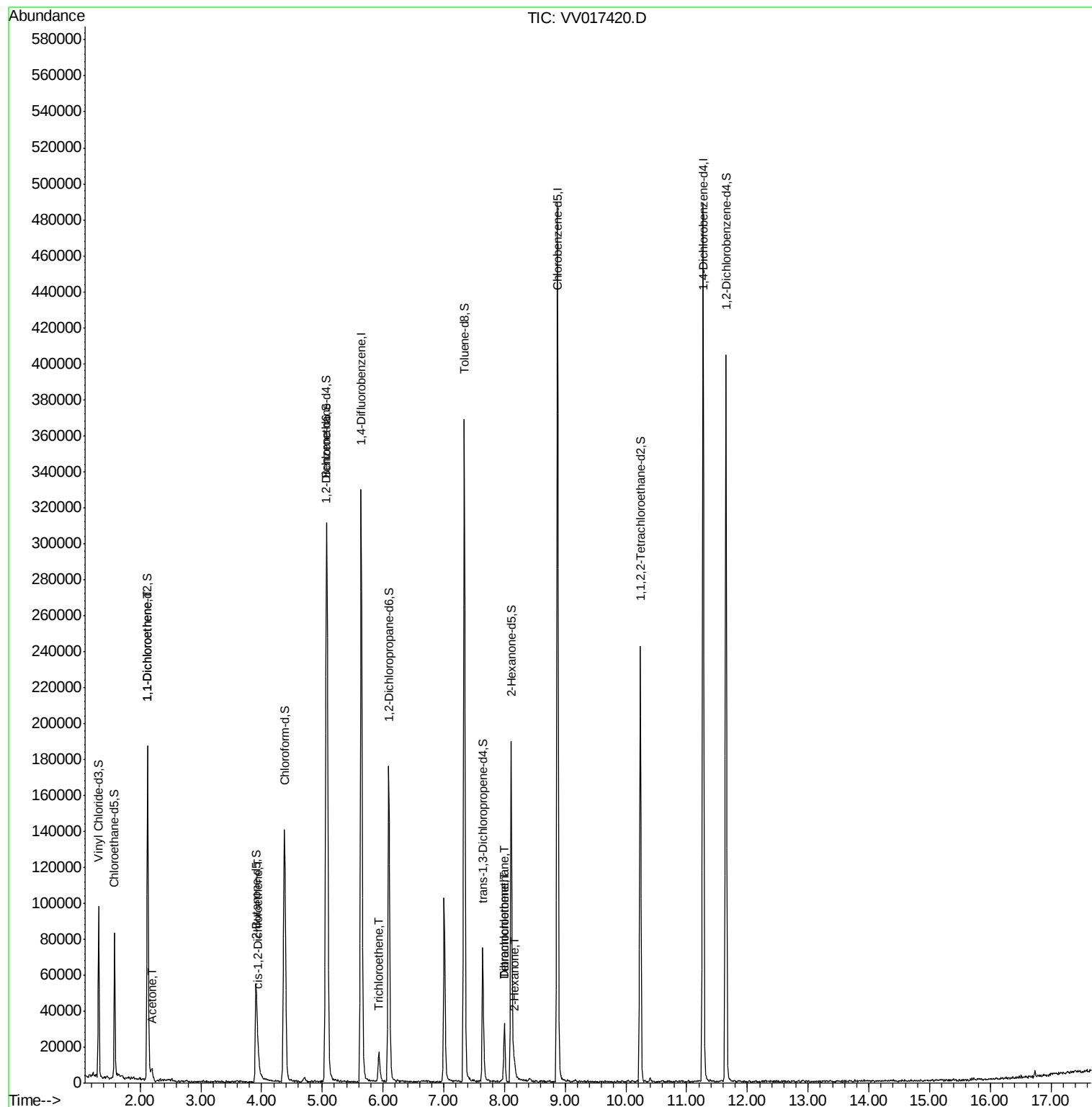
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1179	0.721 ug/L #	1
13) Acetone	2.20	43	8877	6.735 ug/L	78
20) cis-1,2-Dichloroethene	3.95	96	1861	0.977 ug/L #	57
34) Trichloroethene	5.95	95	1578	0.781 ug/L	81
46) Tetrachloroethene	8.00	164	7876	4.641 ug/L	81
48) 2-Hexanone	8.16	43	4322	2.319 ug/L #	41
49) Dibromochloromethane	8.00	129	6232	2.765 ug/L #	10

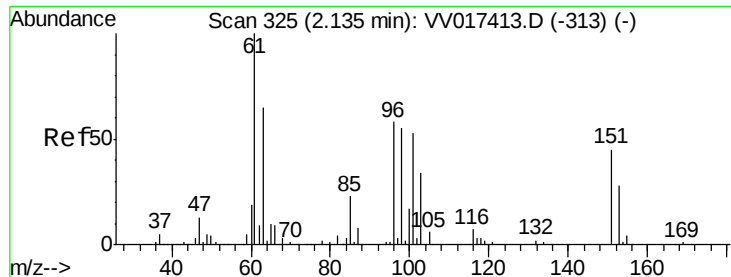
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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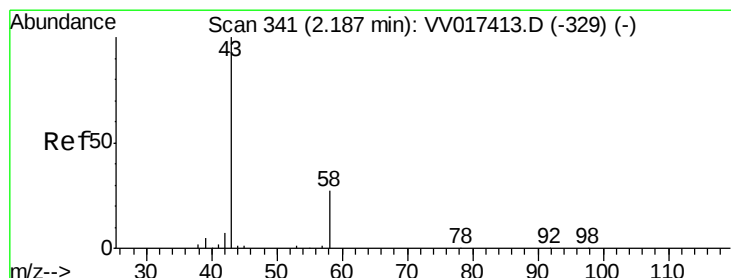
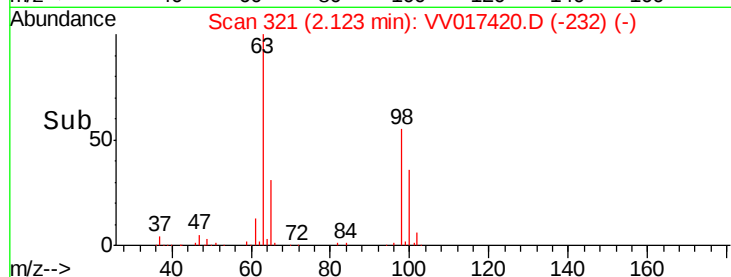
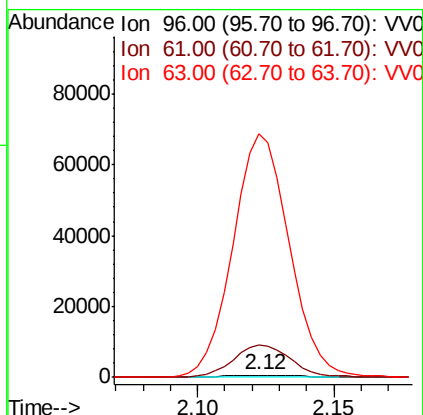
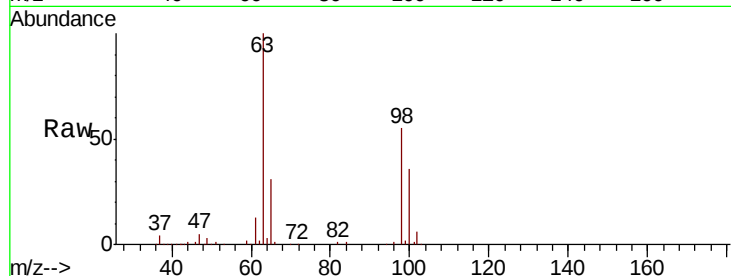




#12
 1,1-Dichloroethene
 Concen: 0.721 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017420.D
 Acq: 10 Jul 2020 00:10

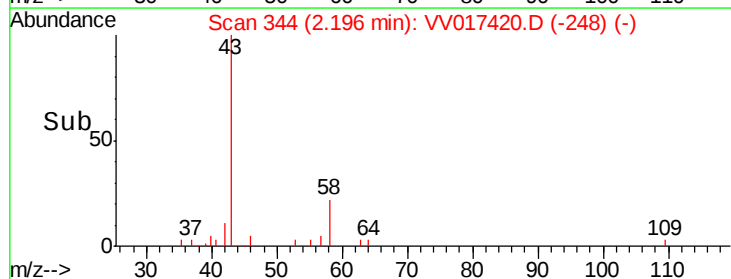
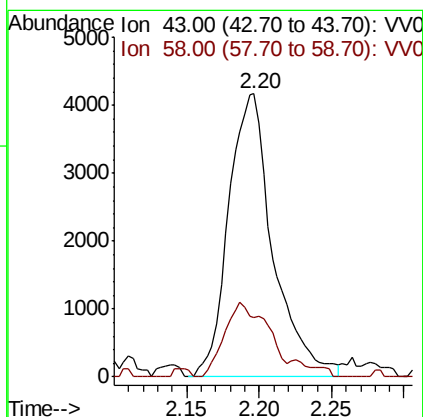
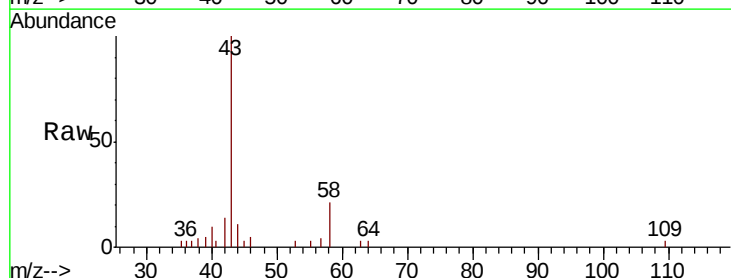
Instrument :
 MSVOA_V
 ClientSampled :
 F4A28

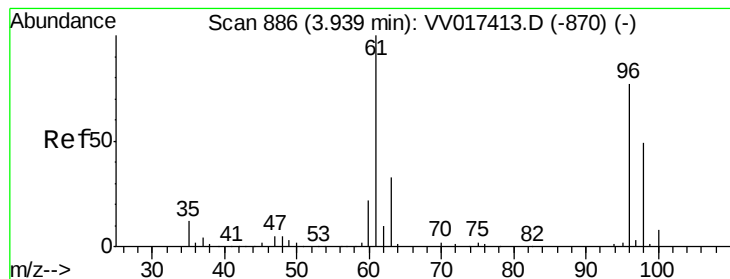
Tot Ion: 96 Resp: 1179
 Ion Ratio Lower Upper
 96 100
 61 1505.4 132.7 246.4#
 63 11303.9 103.3 191.8#



#13
 Acetone
 Concen: 6.735 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VV017420.D
 Acq: 10 Jul 2020 00:10

Tgt Ion: 43 Resp: 8877
 Ion Ratio Lower Upper
 43 100
 58 16.5 0.0 56.0





#20

cis-1,2-Dichloroethene

Concen: 0.977 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017420.D

Acq: 10 Jul 2020 00:10

Instrument :

MSVOA_V

ClientSampled :

F4A28

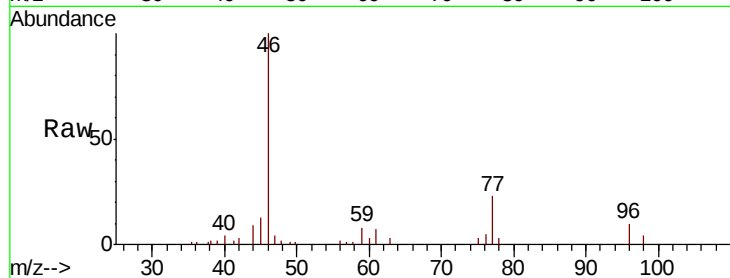
Tot Ion: 96 Resp: 1861

Ion Ratio Lower Upper

96 100

61 77.5 88.9 165.1#

68 0.0 0.0 0.0

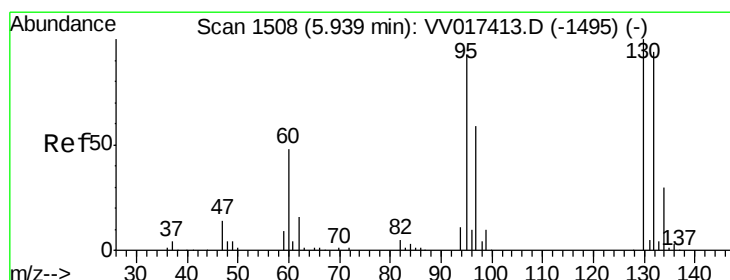
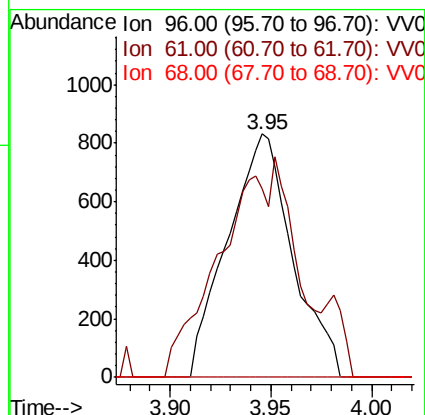
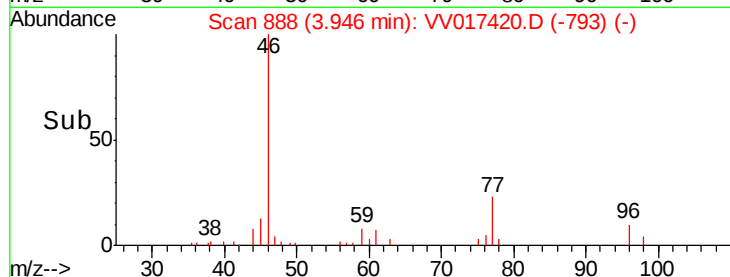


Abundance Ion 96.00 (95.70 to 96.70): VV017413.D (-870) (-)

Ion 61.00 (60.70 to 61.70): VV017413.D (-870) (-)

Ion 68.00 (67.70 to 68.70): VV017413.D (-870) (-)

Time-->



#34

Trichloroethene

Concen: 0.781 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017420.D

Acq: 10 Jul 2020 00:10

Tgt Ion: 95 Resp: 1578

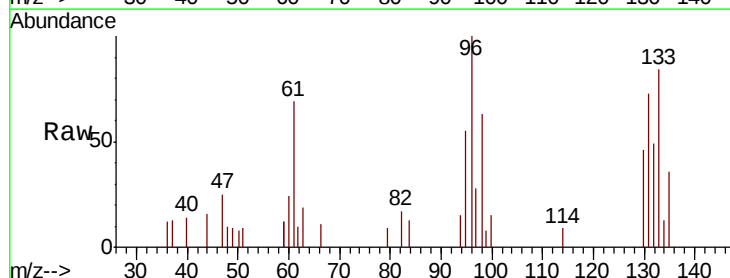
Ion Ratio Lower Upper

95 100

97 52.2 45.6 84.6

132 89.1 74.1 137.5

130 83.6 75.5 140.3



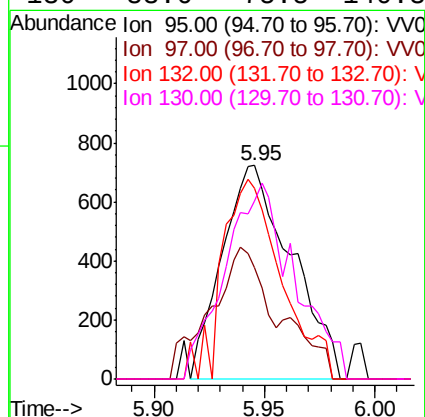
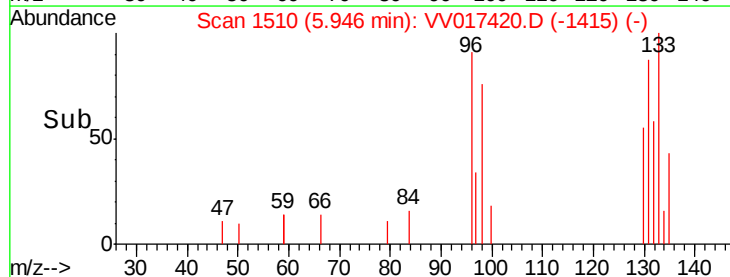
Abundance Ion 95.00 (94.70 to 95.70): VV017413.D (-1495) (-)

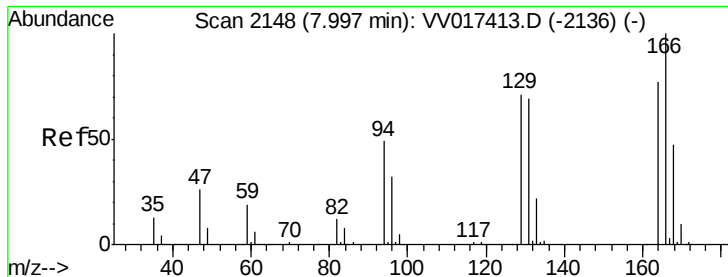
Ion 97.00 (96.70 to 97.70): VV017413.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017413.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017413.D (-1495) (-)

Time-->





#46

Tetrachloroethene

Concen: 4.641 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017420.D

Acq: 10 Jul 2020 00:10

Instrument :

MSVOA_V

ClientSampleId :

F4A28

Tot Ion:164 Resp: 7876

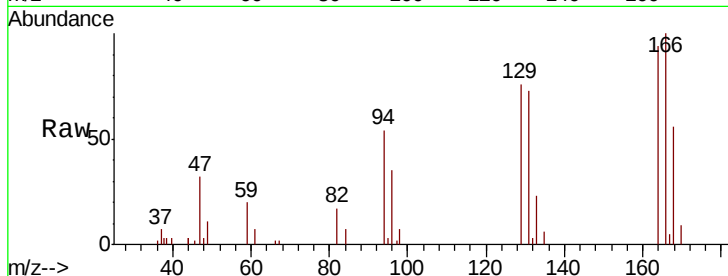
Ion Ratio Lower Upper

164 100

129 81.0 66.6 123.8

131 77.5 65.5 121.7

166 106.0 93.9 174.5

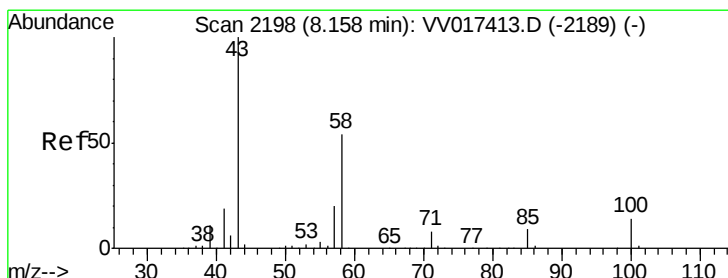
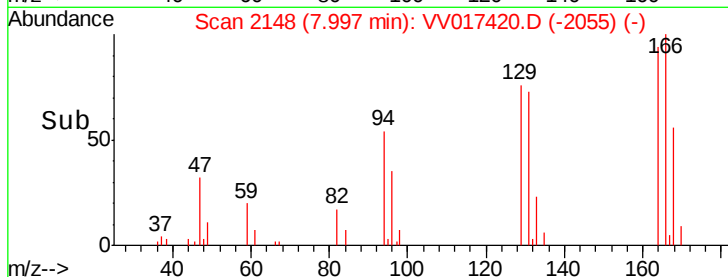
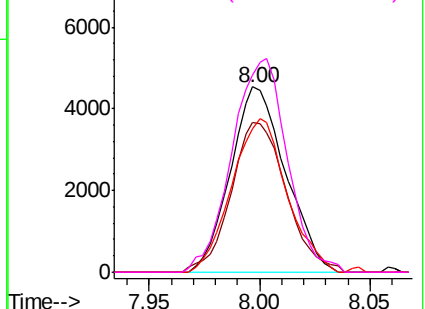


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.319 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV017420.D

Acq: 10 Jul 2020 00:10

Tgt Ion: 43 Resp: 4322

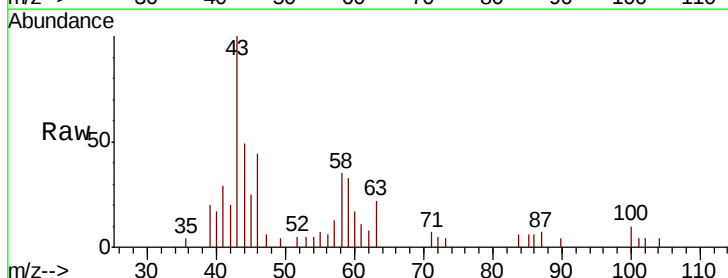
Ion Ratio Lower Upper

43 100

58 0.0 42.6 64.0#

57 0.6 16.2 24.4#

100 5.9 10.9 16.3#

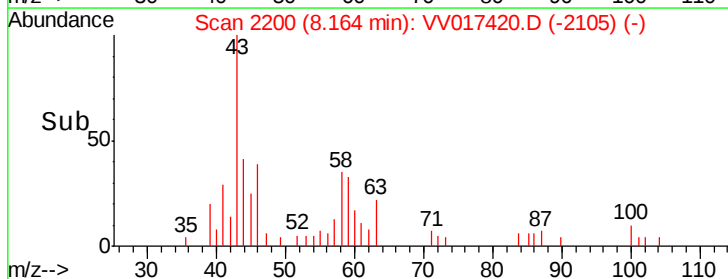
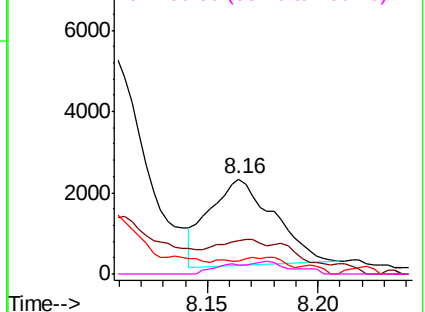


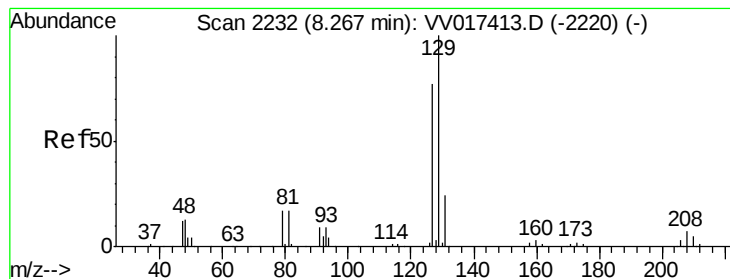
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 2.765 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017420.D

Acq: 10 Jul 2020 00:10

Instrument :
MSVOA_V
ClientSampleId :
F4A28

Tot Ion:129 Resp: 6232

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

