

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017439.D
 Acq On : 10 Jul 2020 14:56
 Operator : SY/MD
 Sample : L3254-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A48

Quant Time: Jul 11 00:25:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	104276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53787	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.58	69	44181	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.02%
11) 1,1-Dichloroethene-d2	2.12	63	94041	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	3.91	46	85549	105.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.56%
24) Chloroform-d	4.38	84	134912	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	5.06	65	101372	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.62%
32) Benzene-d6	5.08	84	236741	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.09	67	69619	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.34	98	222400	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%
43) trans-1,3-Dichloropropene-	7.64	79	38389	49.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.38%
47) 2-Hexanone-d5	8.11	63	55115	101.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	91295	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	96024	55.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.16%

Target Compounds

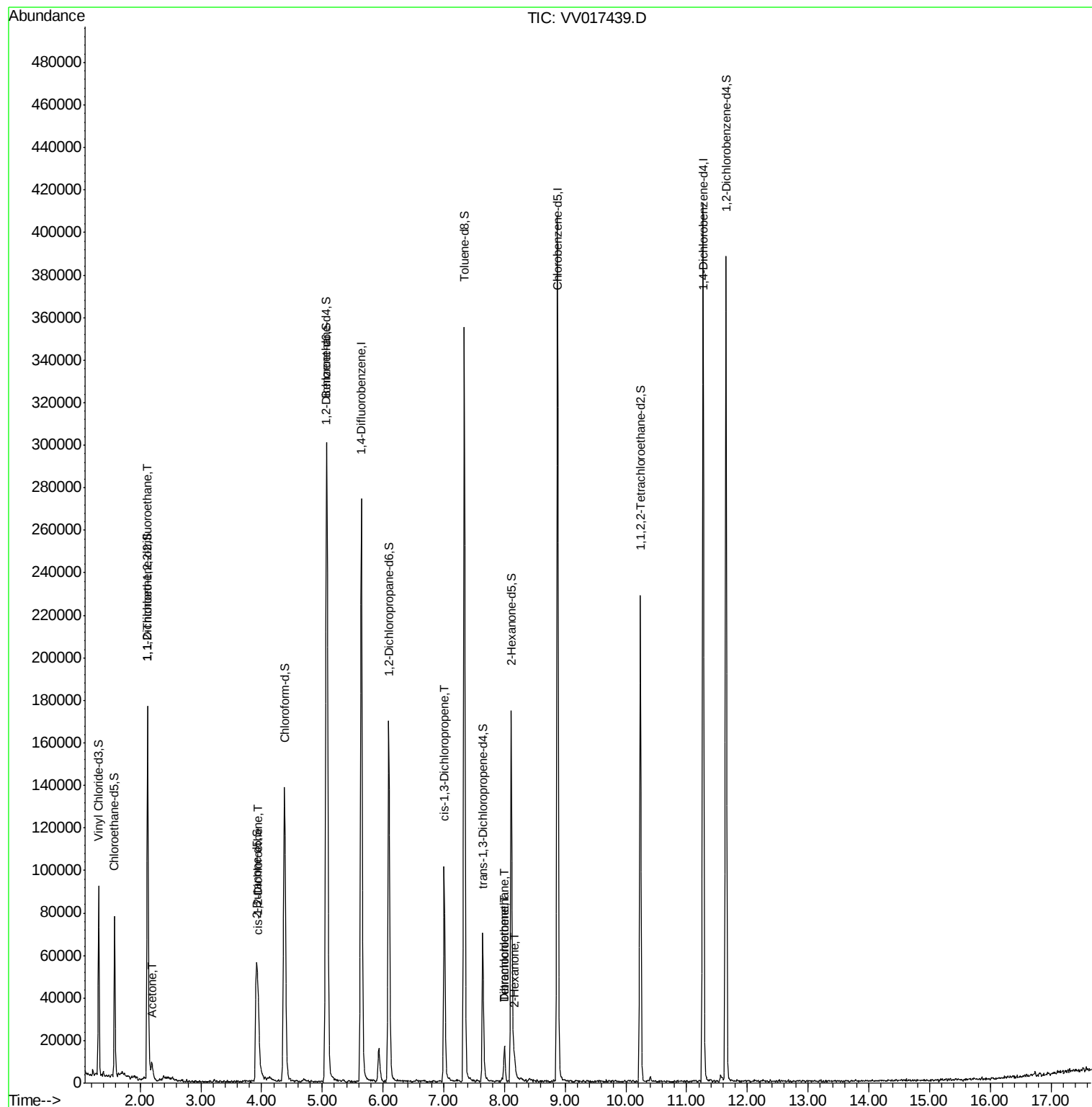
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1053	0.696 ug/L #	16
13) Acetone	2.20	43	9938	9.008 ug/L	95
20) cis-1,2-Dichloroethene	3.95	96	12906	8.091 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	2664	1.133 ug/L #	73
46) Tetrachloroethene	8.00	164	3834	2.727 ug/L	90
48) 2-Hexanone	8.17	43	4522	2.928 ug/L #	77
49) Dibromochloromethane	8.00	129	3767	2.017 ug/L #	10

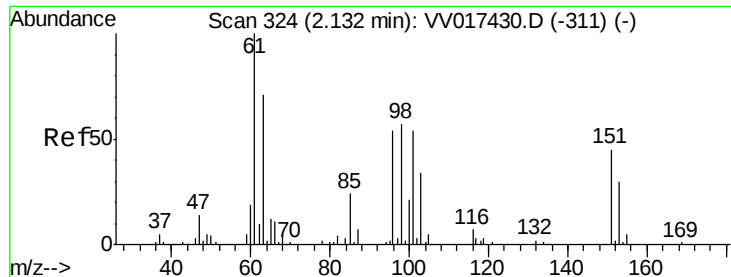
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#10

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

Concen: 0.696 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017439.D

Acq: 10 Jul 2020 14:56

Instrument :

MSVOA_V

ClientSampled :

F4A48

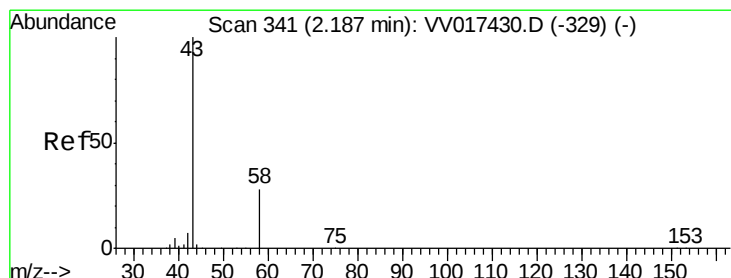
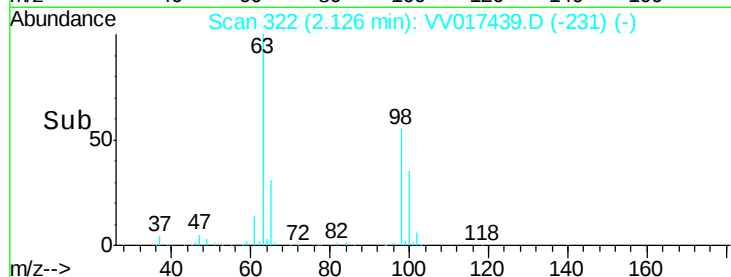
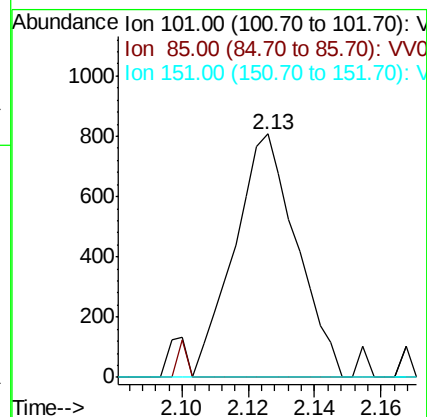
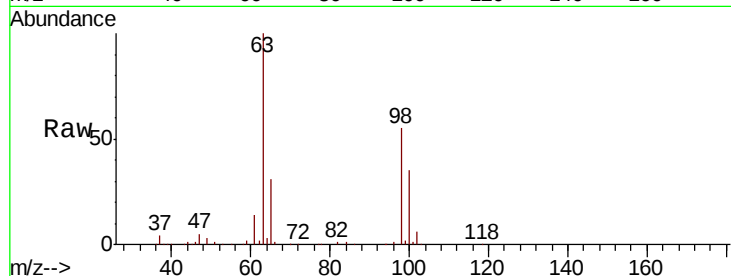
Tot Ion:101 Resp: 1053

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

151 0.0 66.8 100.2#



#13

Acetone

Concen: 9.008 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017439.D

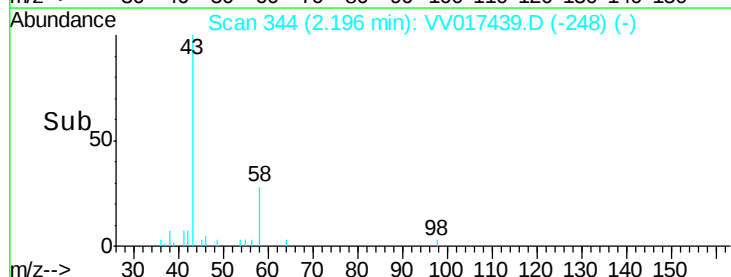
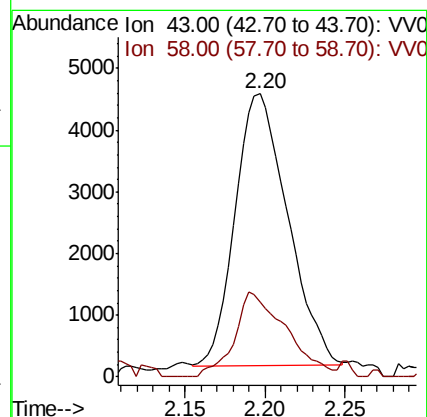
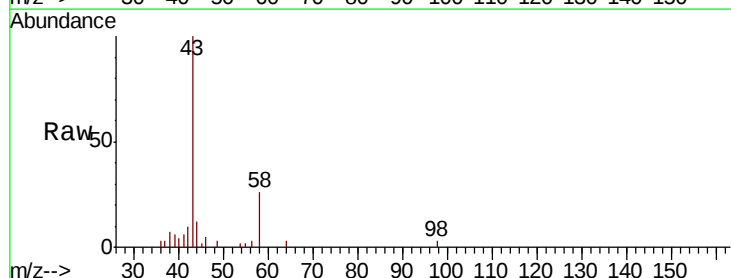
Acq: 10 Jul 2020 14:56

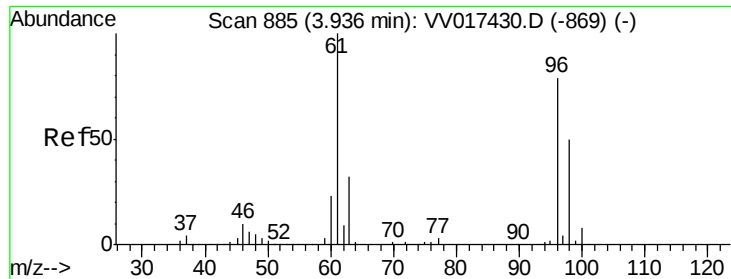
Tgt Ion: 43 Resp: 9938

Ion Ratio Lower Upper

43 100

58 30.7 0.0 56.0

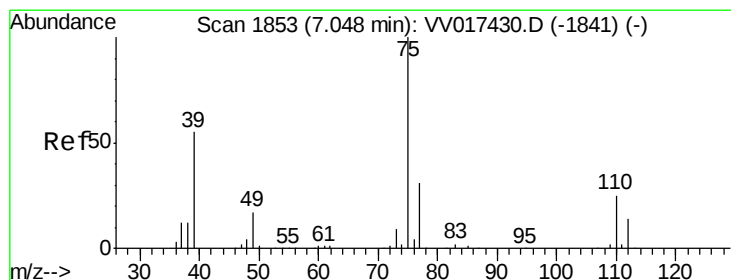
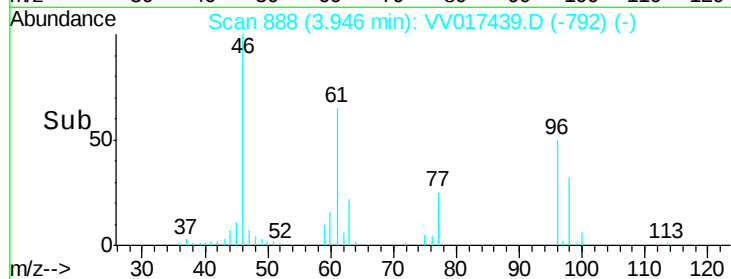
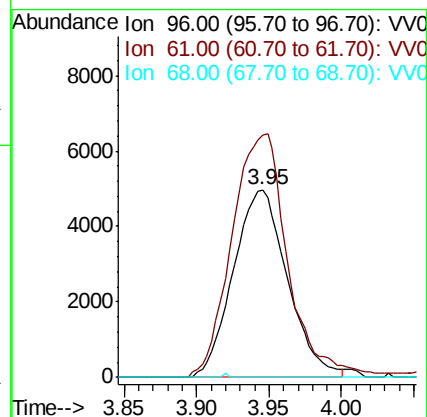
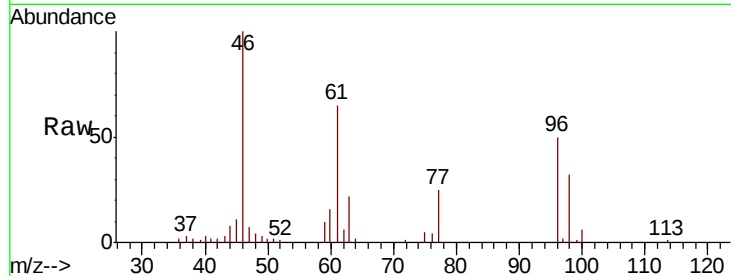




#20
 cis-1,2-Dichloroethene
 Concen: 8.091 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV017439.D
 Acq: 10 Jul 2020 14:56

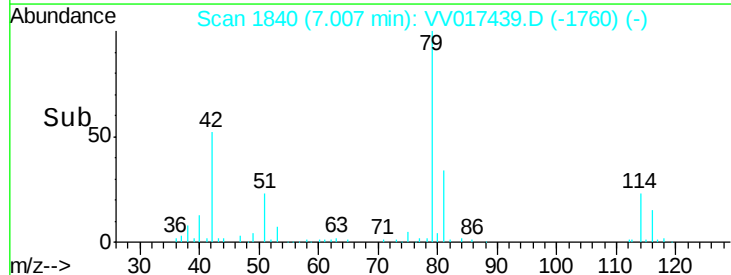
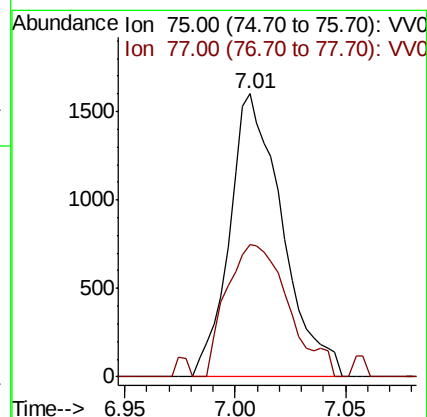
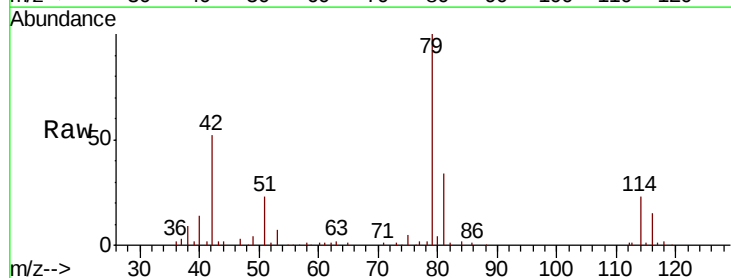
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A48

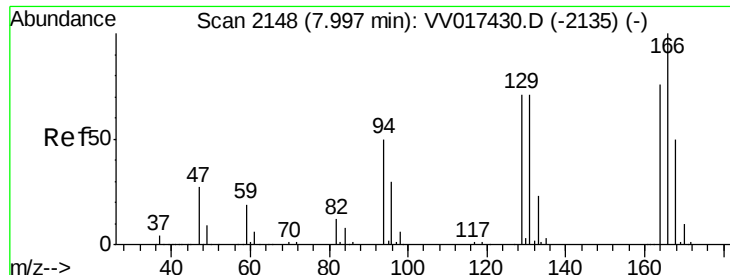
Tot Ion: 96 Resp: 12906
 Ion Ratio Lower Upper
 96 100
 61 129.3 88.9 165.1
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.133 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017439.D
 Acq: 10 Jul 2020 14:56

Tgt Ion: 75 Resp: 2664
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.2 41.2#





#46

Tetrachloroethene

Concen: 2.727 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017439.D

Acq: 10 Jul 2020 14:56

Instrument :

MSVOA_V

ClientSampled :

F4A48

Tot Ion:164 Resp: 3834

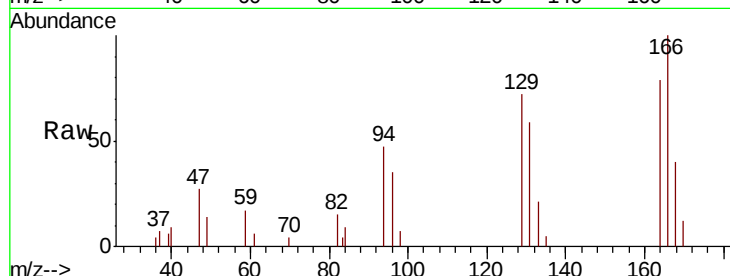
Ion Ratio Lower Upper

164 100

129 91.0 66.6 123.8

131 75.0 65.5 121.7

166 126.6 93.9 174.5

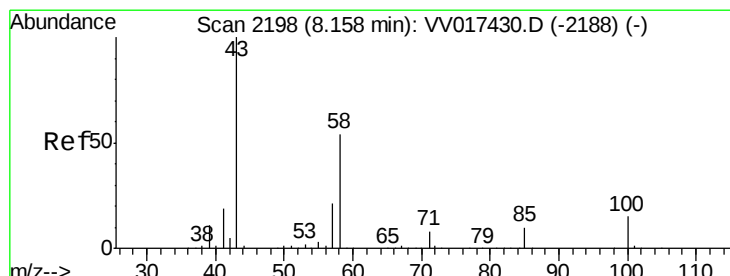
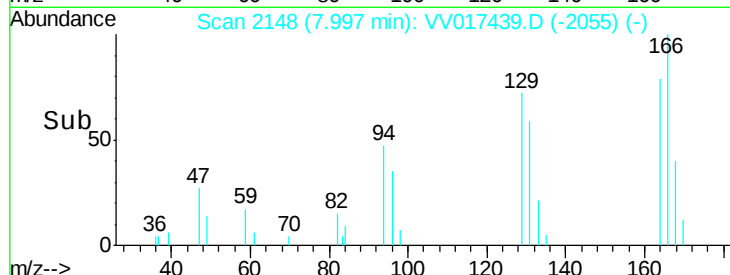
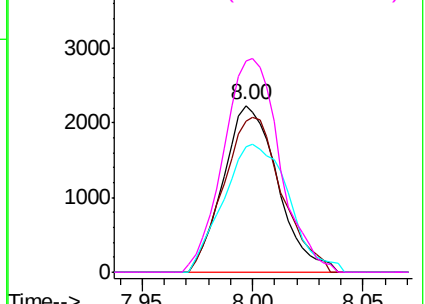


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.928 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017439.D

Acq: 10 Jul 2020 14:56

Tgt Ion: 43 Resp: 4522

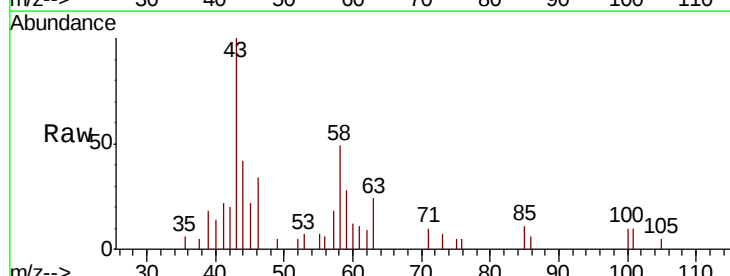
Ion Ratio Lower Upper

43 100

58 34.6 42.6 64.0#

57 11.1 16.2 24.4#

100 7.1 10.9 16.3#

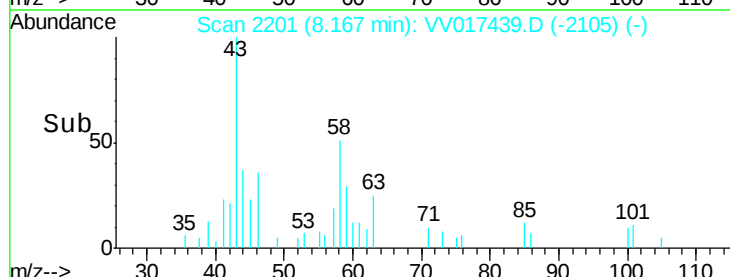
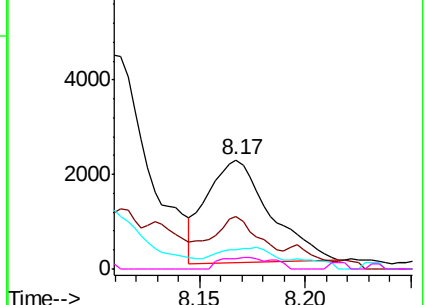


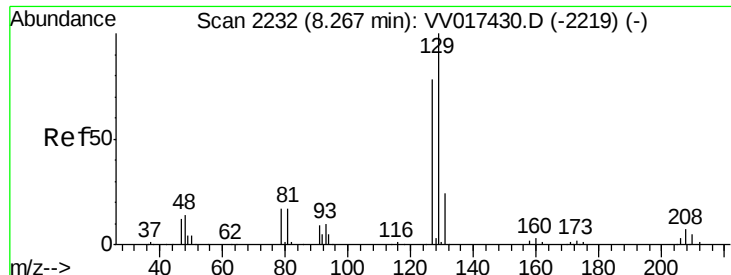
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.017 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV017439.D
 Acq: 10 Jul 2020 14:56

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A48

Tot Ion:129 Resp: 3767
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.6 101.4#

