

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018677.D
 Acq On : 05 Oct 2020 16:21
 Operator : SY/MD
 Sample : L4254-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244637	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74275	51.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.54%
7) Chloroethane-d5	1.58	69	62823	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.92%
11) 1,1-Dichloroethene-d2	2.12	63	114546	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.36%
21) 2-Butanone-d5	3.91	46	84589	79.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.04%
24) Chloroform-d	4.37	84	133309	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
26) 1,2-Dichloroethane-d4	5.06	65	92952	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.07	84	260021	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
36) 1,2-Dichloropropane-d6	6.09	67	81592	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.46%
41) Toluene-d8	7.34	98	237567	40.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.78%
43) trans-1,3-Dichloropropene-	7.64	79	39413	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
47) 2-Hexanone-d5	8.11	63	42836	60.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	60.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	82425	33.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	98928	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%

Target Compounds

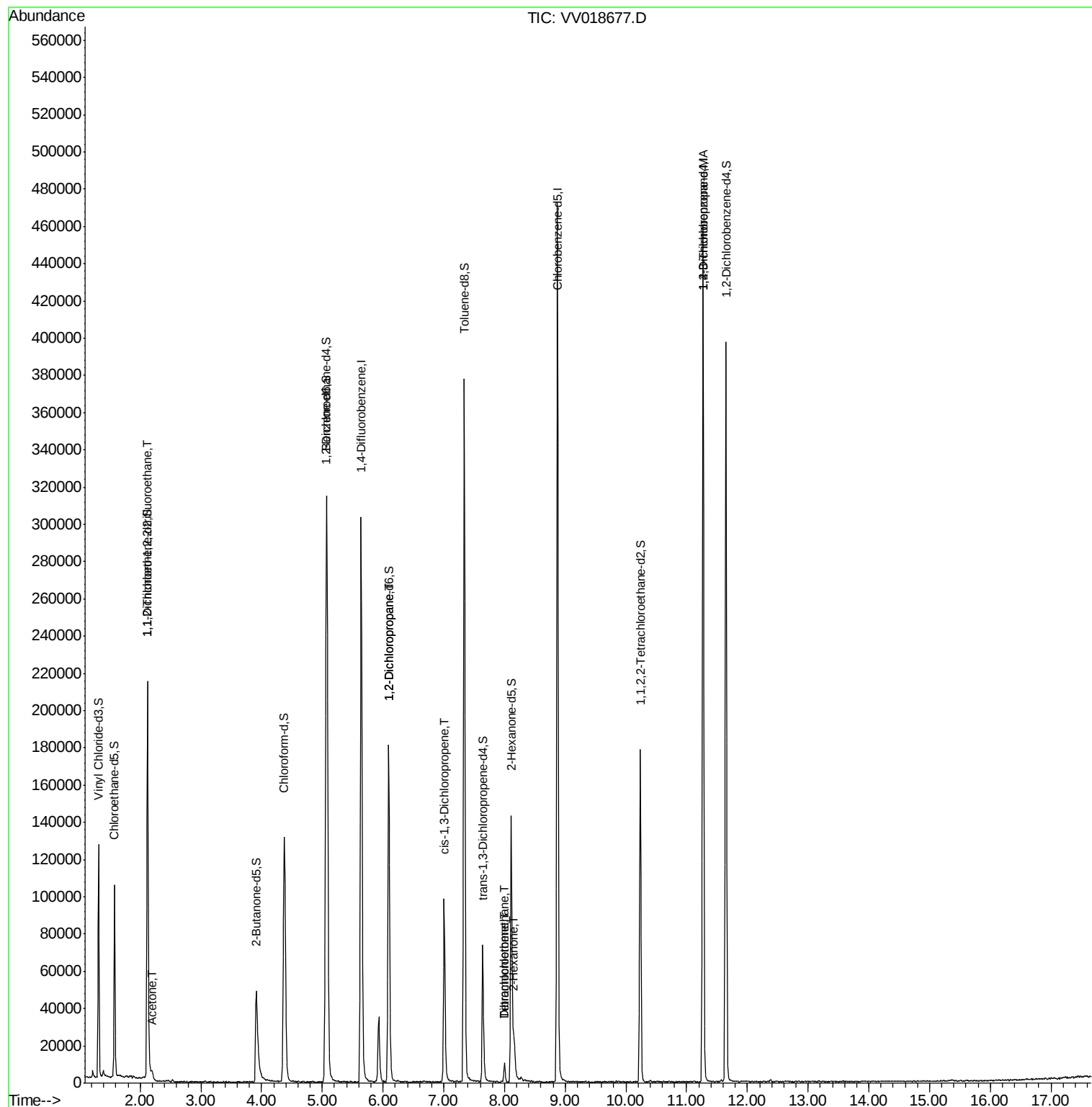
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1081	0.679 ug/L #	17
13) Acetone	2.20	43	6612	7.151 ug/L	81
37) 1,2-Dichloropropane	6.09	63	10022	5.454 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2674	0.928 ug/L	87
46) Tetrachloroethene	8.00	164	2367	1.403 ug/L	94
48) 2-Hexanone	8.16	43	11638	6.291 ug/L #	87
49) Dibromochloromethane	8.00	129	1889	0.908 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	14102	6.309 ug/L	89

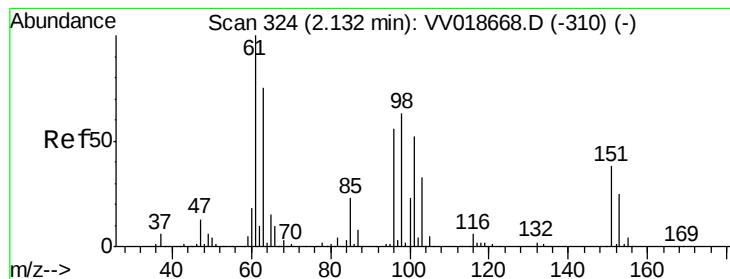
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.679 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018677.D

Acq: 05 Oct 2020 16:21

Instrument :

MSVOA_V

ClientSampled :

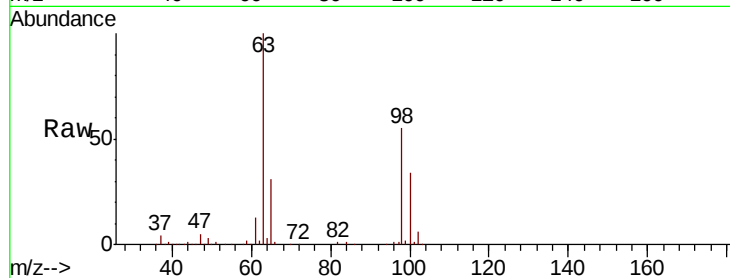
Tot Ion:101 Resp: 1081

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

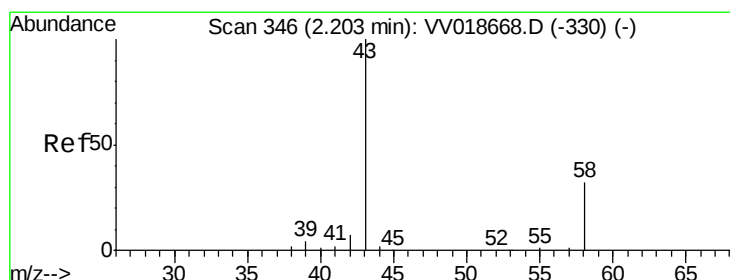
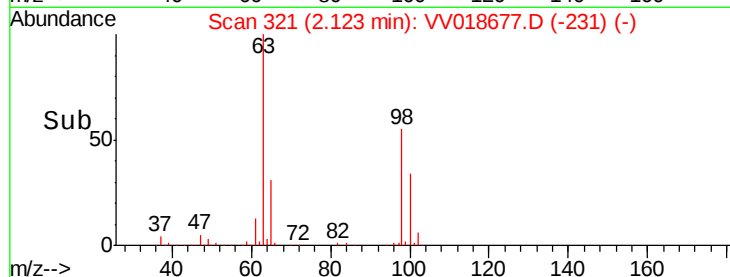
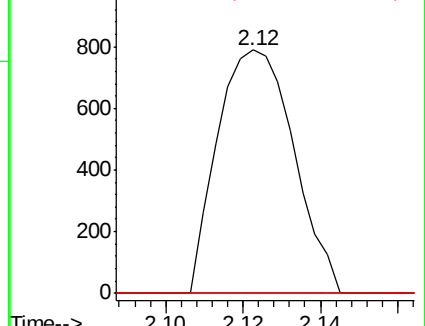
151 0.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018668.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018668.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018668.D (-310) (-)



#13

Acetone

Concen: 7.151 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV018677.D

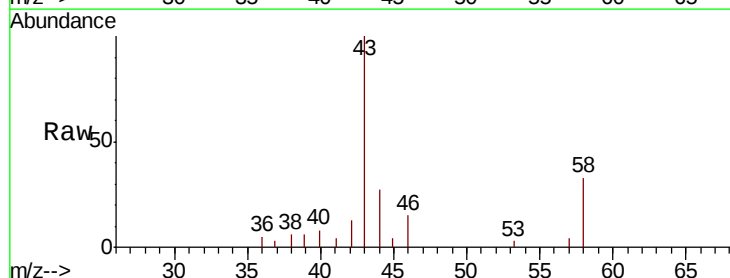
Acq: 05 Oct 2020 16:21

Tgt Ion: 43 Resp: 6612

Ion Ratio Lower Upper

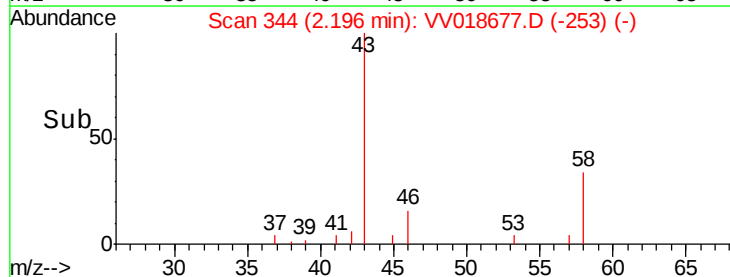
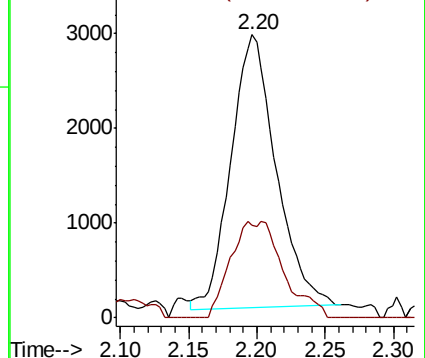
43 100

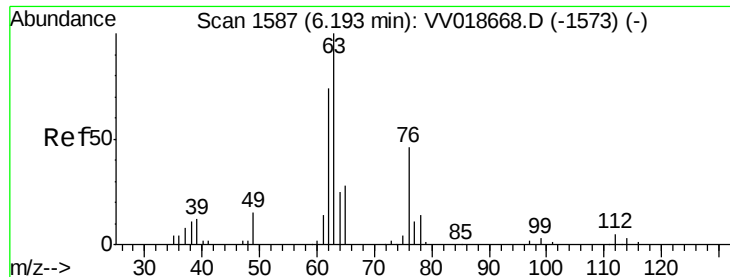
58 21.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018668.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018668.D (-330) (-)

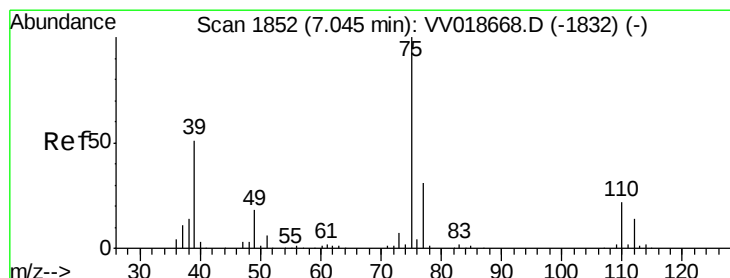
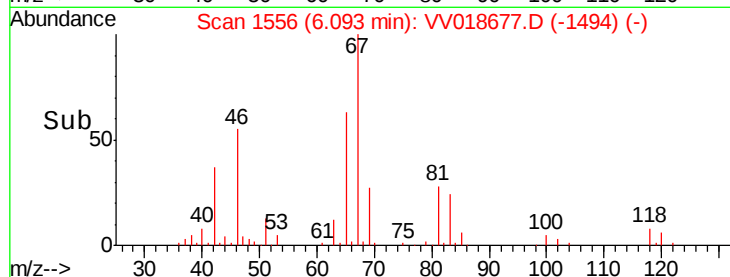
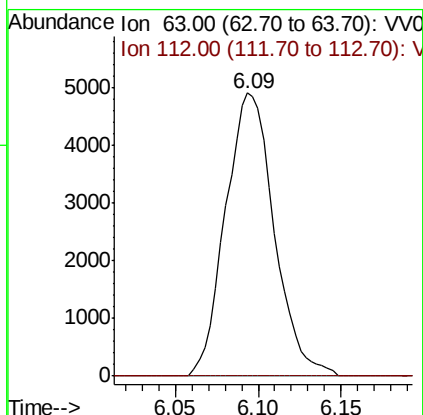
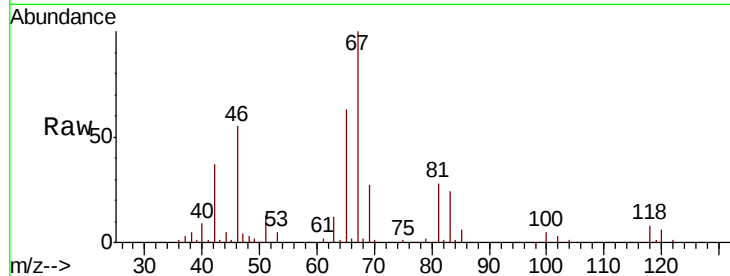




#37
 1,2-Dichloropropane
 Concen: 5.454 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018677.D
 Acq: 05 Oct 2020 16:21

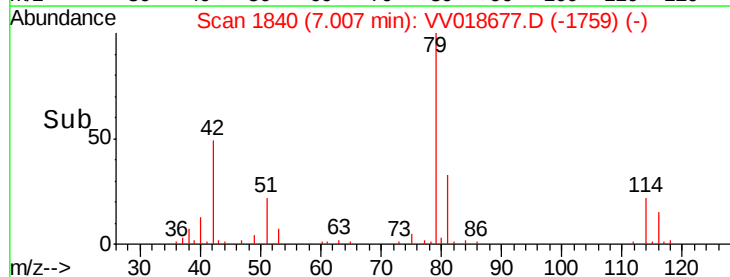
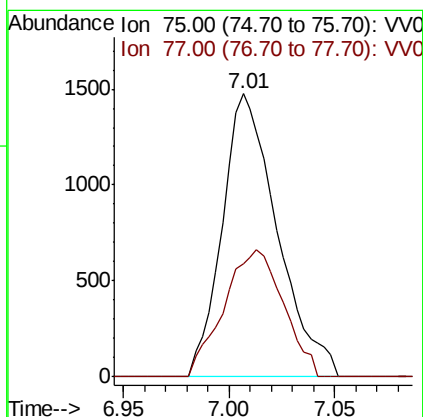
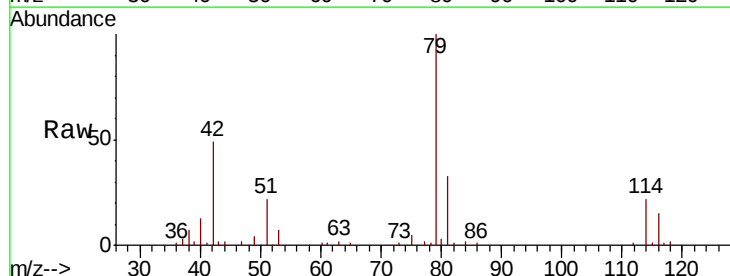
Instrument :
 MSVOA_V
 ClientSampled :

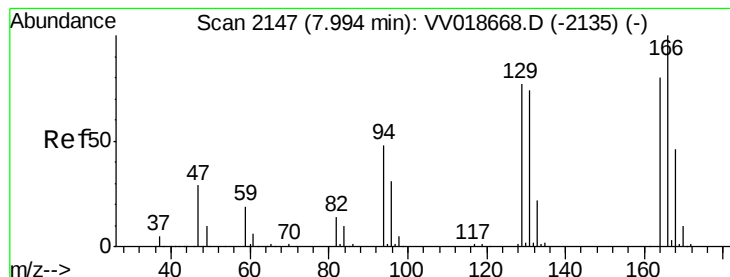
Tot Ion: 63 Resp: 10022
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.928 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018677.D
 Acq: 05 Oct 2020 16:21

Tgt Ion: 75 Resp: 2674
 Ion Ratio Lower Upper
 75 100
 77 40.2 23.0 42.6





#46

Tetrachloroethene

Concen: 1.403 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018677.D

Acq: 05 Oct 2020 16:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2367

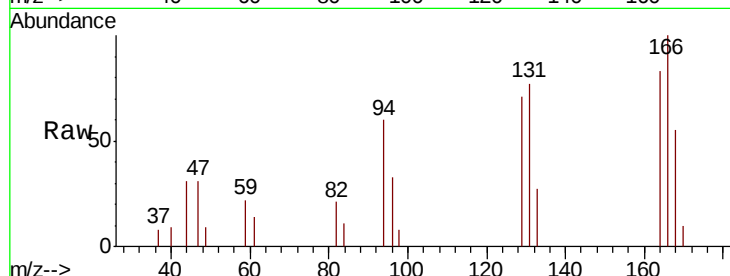
Ion Ratio Lower Upper

164 100

129 85.2 62.8 116.6

131 92.8 60.8 112.8

166 120.4 88.9 165.1

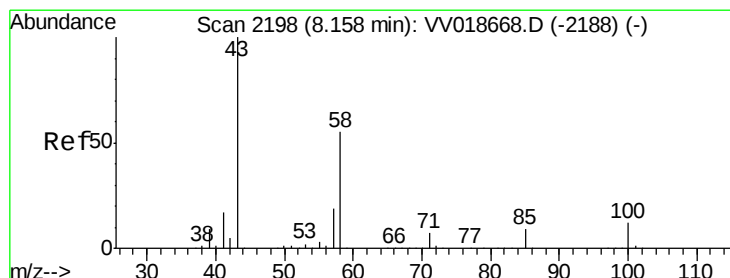
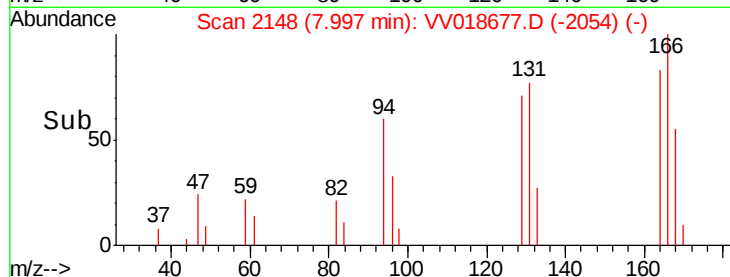
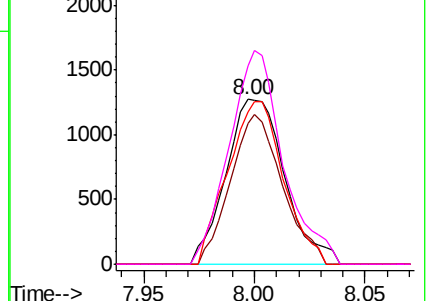


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.291 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018677.D

Acq: 05 Oct 2020 16:21

Tgt Ion: 43 Resp: 11638

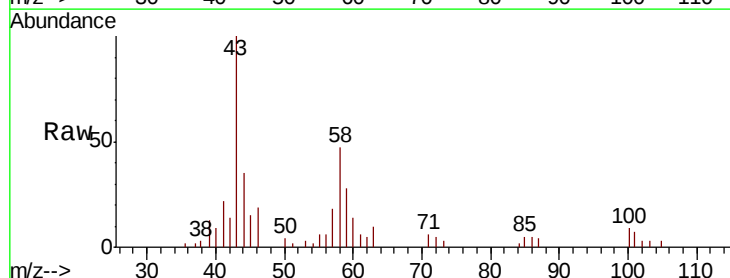
Ion Ratio Lower Upper

43 100

58 48.8 45.1 67.7

57 11.6 15.7 23.5#

100 6.8 11.0 16.4#

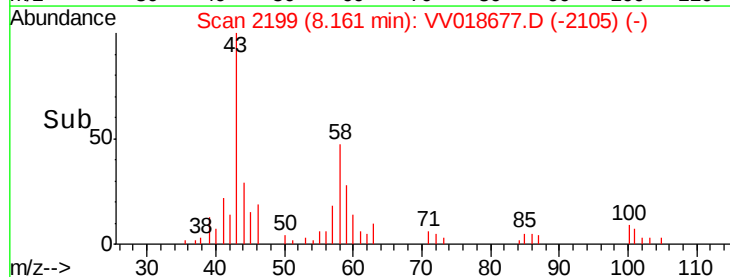
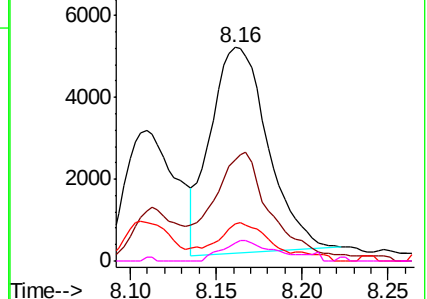


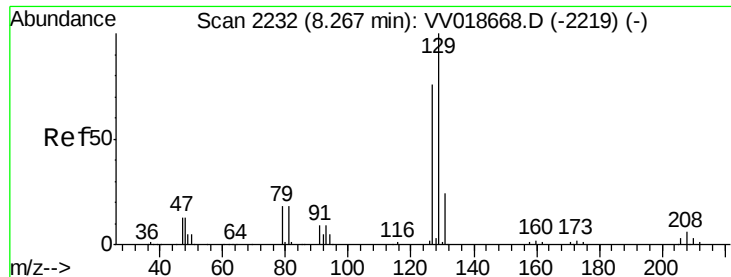
Abundance Ion 43.00 (42.70 to 43.70): VV0

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

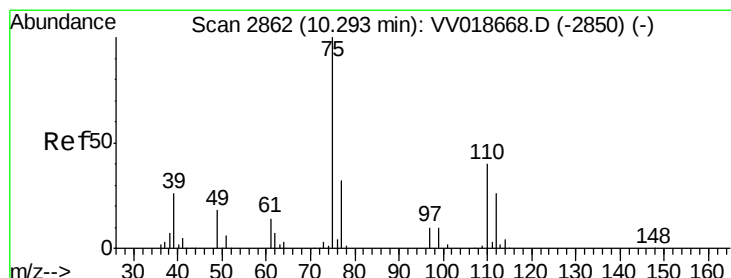
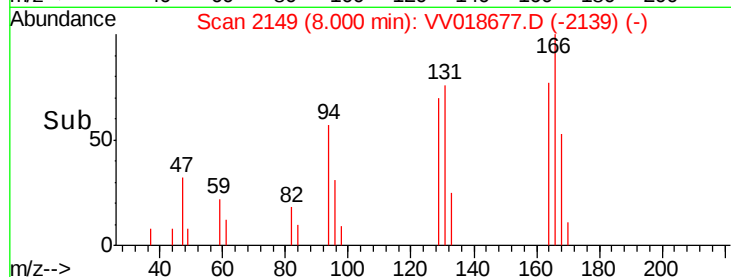
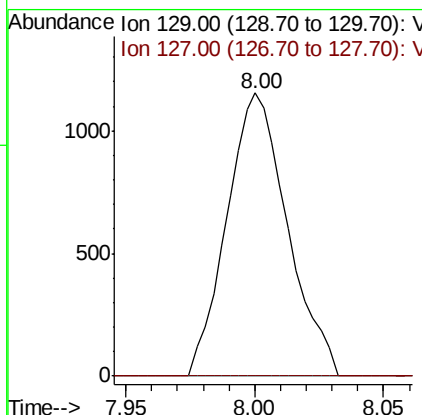
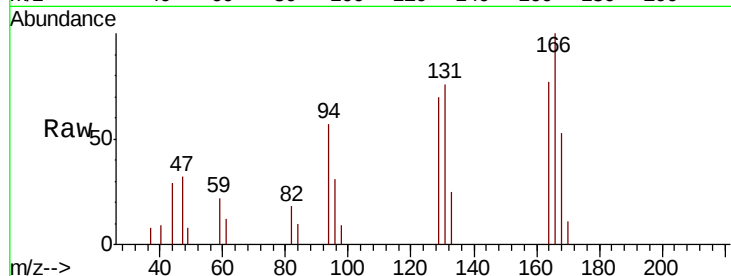




#49
 Dibromochloromethane
 Concen: 0.908 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV018677.D
 Acq: 05 Oct 2020 16:21

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:129 Resp: 1889
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#



#59
 1,2,3-Trichloropropane
 Concen: 6.309 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV018677.D
 Acq: 05 Oct 2020 16:21

Tgt Ion: 75 Resp: 14102
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0

