

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017460.D
 Acq On : 13 Jul 2020 11:21
 Operator : SY/MD
 Sample : L3270-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:16:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	187160	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	86640	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58208	59.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.48%
7) Chloroethane-d5	1.58	69	42127	61.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.10%
11) 1,1-Dichloroethene-d2	2.12	63	92743	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
21) 2-Butanone-d5	3.91	46	71590	107.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.57%
24) Chloroform-d	4.38	84	121367	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
26) 1,2-Dichloroethane-d4	5.06	65	89574	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
32) Benzene-d6	5.08	84	220518	58.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.04%
36) 1,2-Dichloropropane-d6	6.09	67	64217	58.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.34%
41) Toluene-d8	7.34	98	205413	56.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.42%
43) trans-1,3-Dichloropropene-	7.64	79	35508	55.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.48%
47) 2-Hexanone-d5	8.11	63	44064	98.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	75944	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	85555	59.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.12%

Target Compounds

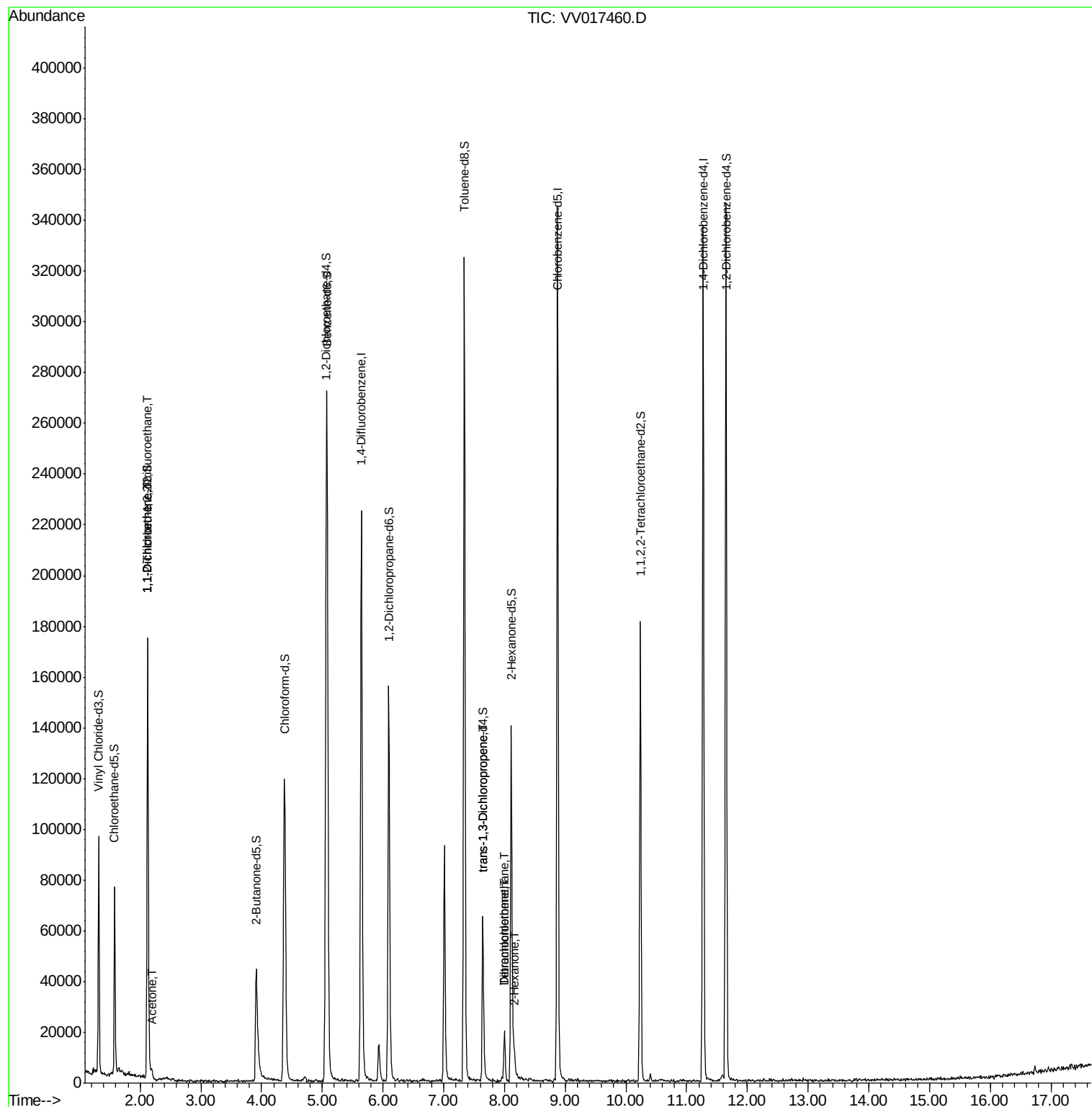
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1052	0.846 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	876	0.779 ug/L #	1
13) Acetone	2.19	43	3561	3.931 ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	1810	0.903 ug/L	85
46) Tetrachloroethene	8.00	164	4492	3.874 ug/L	96
48) 2-Hexanone	8.17	43	3390	2.662 ug/L #	84
49) Dibromochloromethane	8.00	129	4014	2.607 ug/L #	10

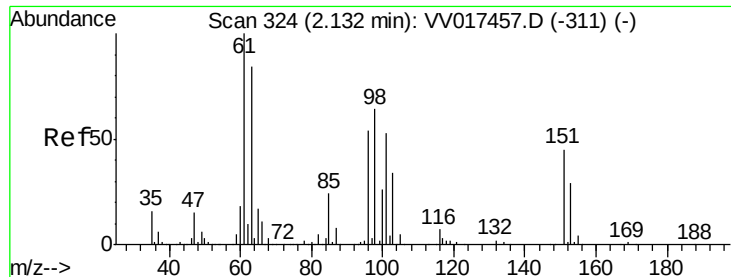
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.846 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

Instrument :

MSVOA_V

ClientSampleId :

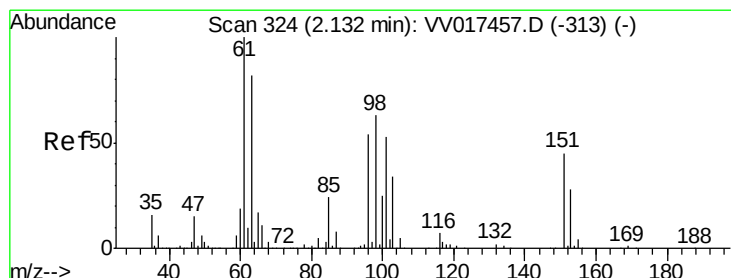
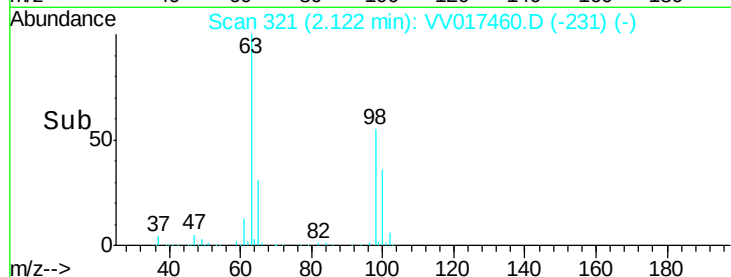
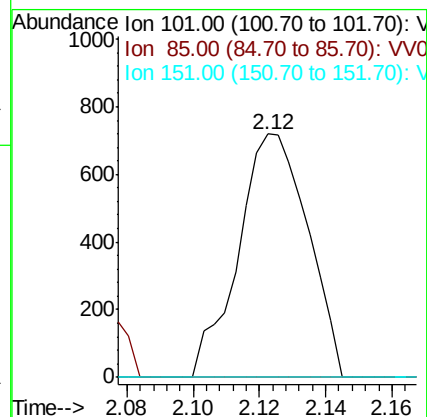
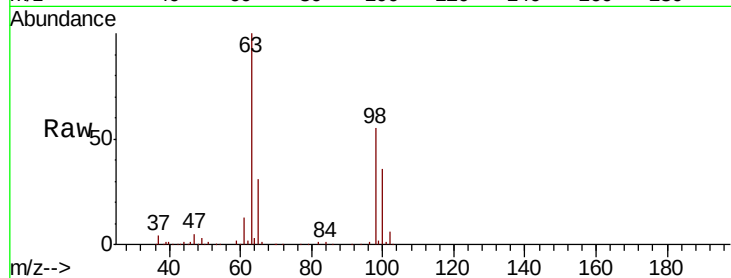
Tot Ion:101 Resp: 1052

Ion Ratio Lower Upper

101 100

85 7.8 36.2 54.4#

151 0.0 66.8 100.2#



#12

1,1-Dichloroethene

Concen: 0.779 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

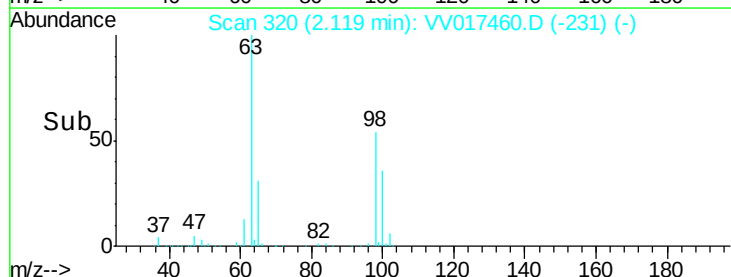
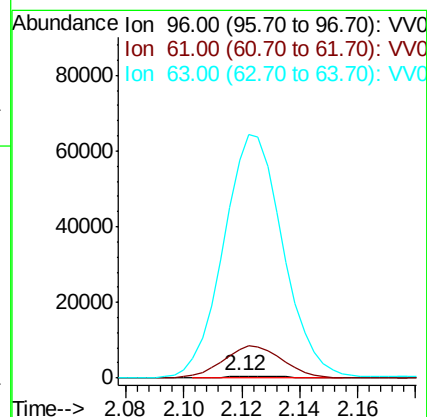
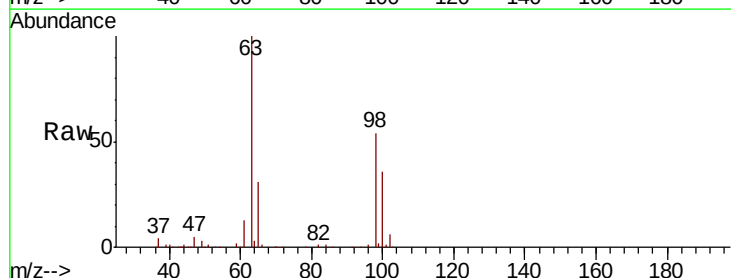
Tgt Ion: 96 Resp: 876

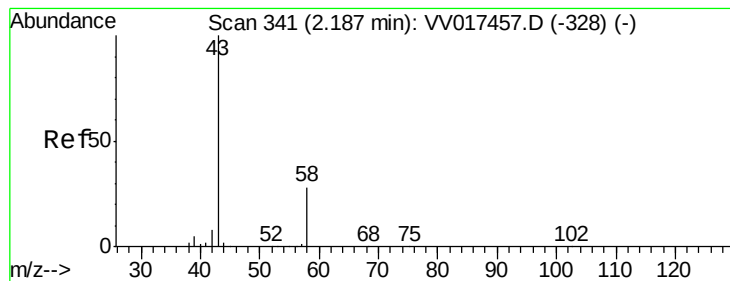
Ion Ratio Lower Upper

96 100

61 1441.7 132.7 246.4#

63 10810.5 103.3 191.8#





#13

Acetone

Concen: 3.931 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

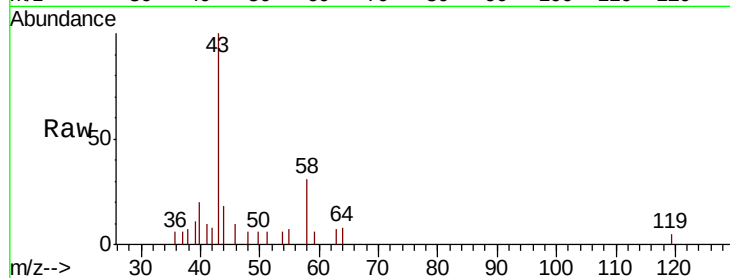
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3561

Ion Ratio Lower Upper

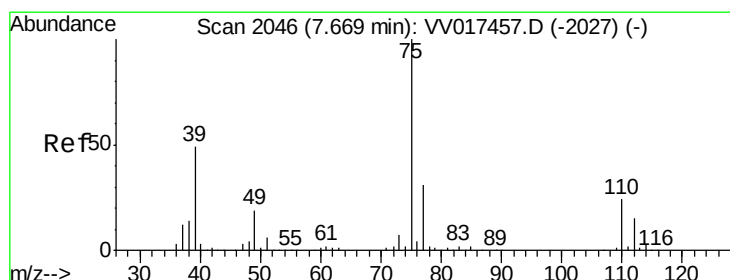
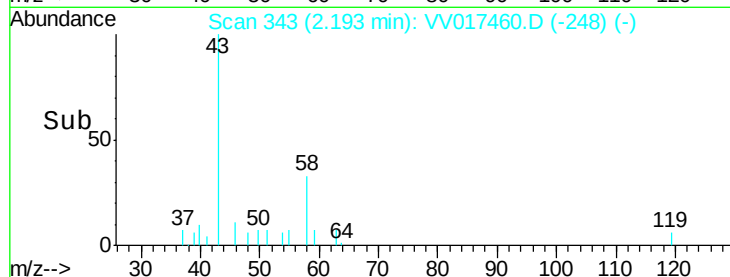
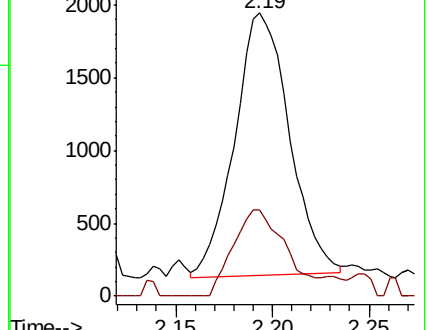
43 100

58 31.3 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017457.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017457.D (-328) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017460.D

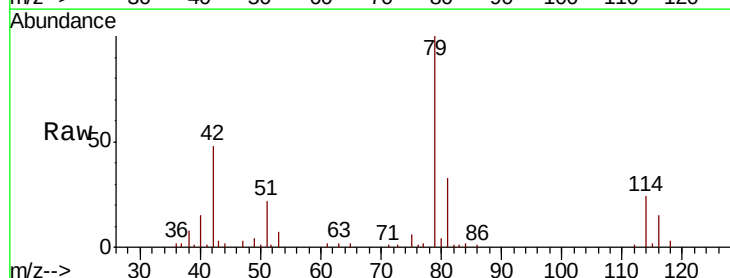
Acq: 13 Jul 2020 11:21

Tgt Ion: 75 Resp: 1810

Ion Ratio Lower Upper

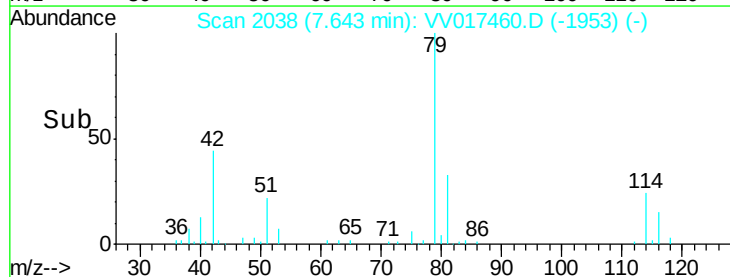
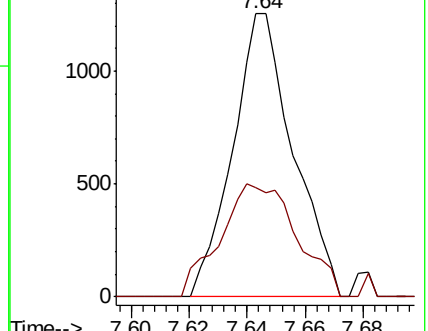
75 100

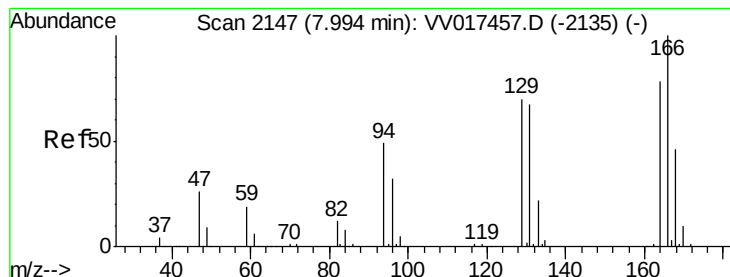
77 38.6 21.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV017457.D (-2027) (-)

Ion 77.00 (76.70 to 77.70): VV017457.D (-2027) (-)





#46

Tetrachloroethene

Concen: 3.874 ug/L

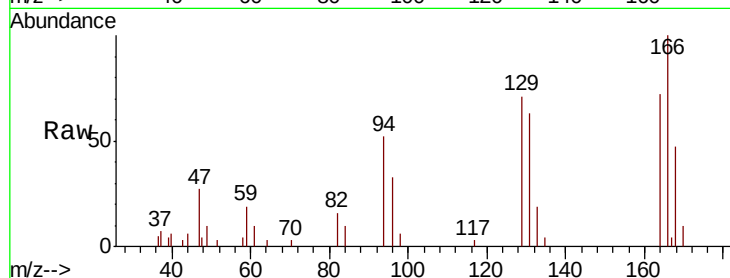
RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:164 Resp: 4492

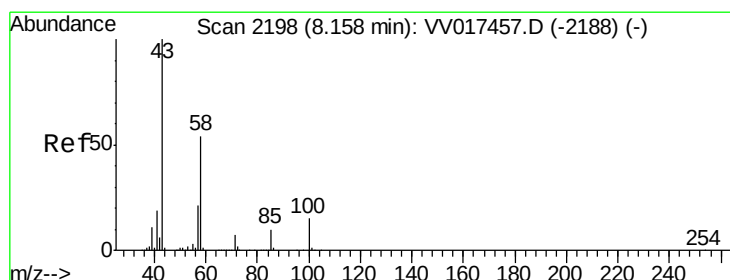
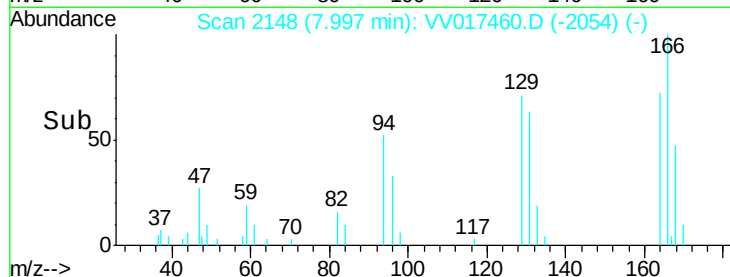
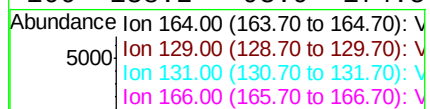
Ion Ratio Lower Upper

164 100

129 98.5 66.6 123.8

131 87.3 65.5 121.7

166 138.2 93.9 174.5



#48

2-Hexanone

Concen: 2.662 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

Tgt Ion: 43 Resp: 3390

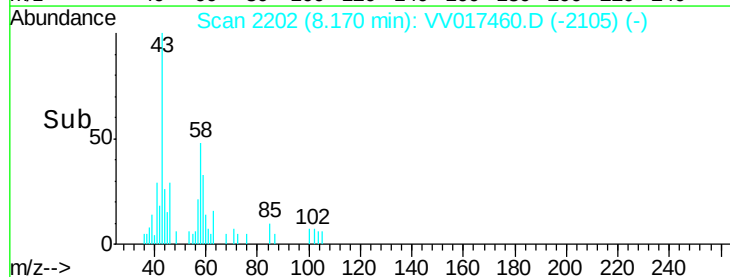
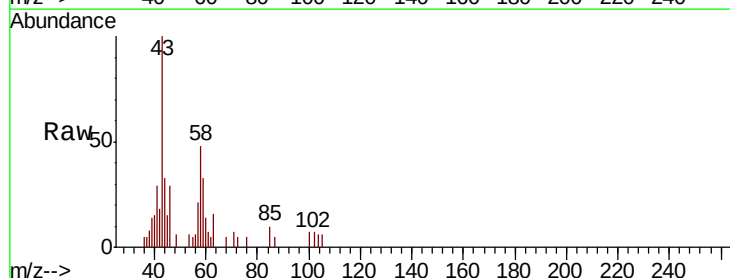
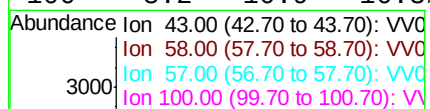
Ion Ratio Lower Upper

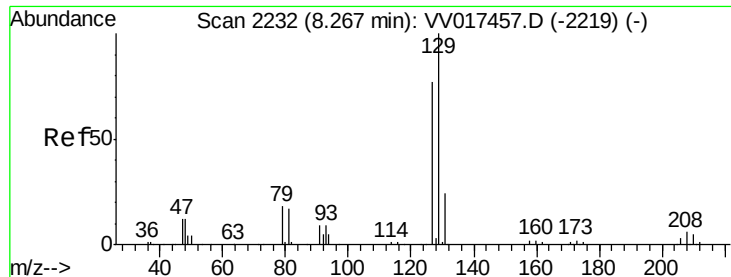
43 100

58 65.2 42.6 64.0#

57 24.0 16.2 24.4

100 3.2 10.9 16.3#





#49

Dibromochloromethane

Concen: 2.607 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017460.D

Acq: 13 Jul 2020 11:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 4014

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

