

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017267.D
 Acq On : 30 Jun 2020 17:58
 Operator : SY/MD
 Sample : L3168-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:04:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	145580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162180	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.54	69	34950	5.50	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.09	63	60220	3.62	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.91	46	99103	44.50	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	4.35	84	95979	5.13	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.04	65	55245	5.58	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.06	84	169035	4.02	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.08	67	52492	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.33	98	157773	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
45) trans-1,3-Dichloropropene-	7.64	79	23956	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
48) 2-Hexanone-d5	8.11	63	85150	42.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.20%
59) 1,1,2,2-Tetrachloroethane-	10.23	84	47324	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	77567	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

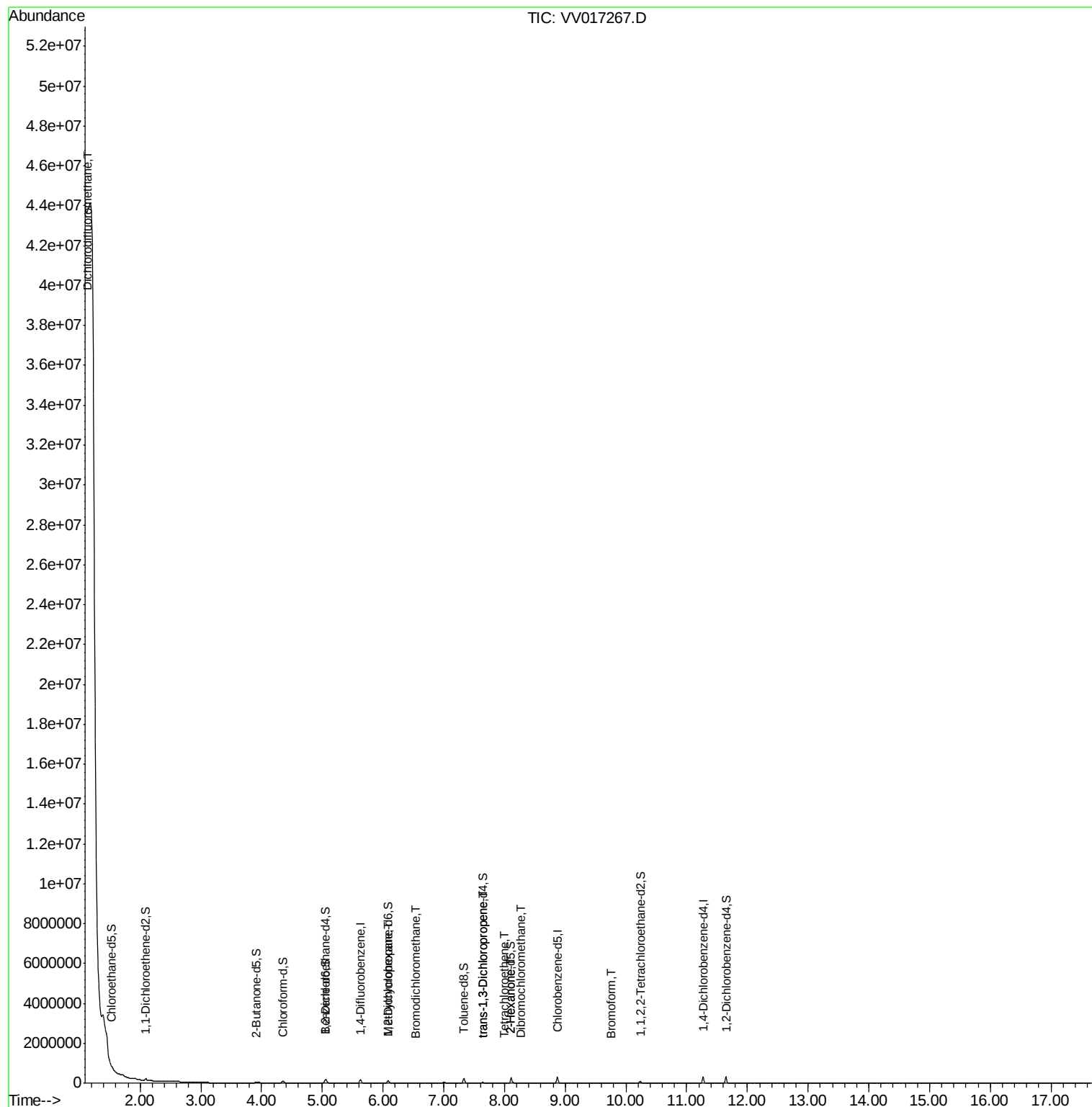
					Ovalue
2) Dichlorodifluoromethane	1.12	85	2260	0.194 ug/L #	42
35) Methvlcvclohexane	6.08	83	13905	0.719 ug/L #	19
38) Bromodichloromethane	6.53	83	3297	0.231 ug/L #	98
46) trans-1,3-Dichloropropene	7.64	75	1059	0.078 ug/L #	59
49) Tetrachloroethene	7.99	164	2979	0.298 ug/L	90
50) 2-Hexanone	8.11	43	11730	2.715 ug/L #	68
51) Dibromochloromethane	8.26	129	5722	0.633 ug/L	98
62) Bromoform	9.76	173	1664	0.373 ug/L #	93

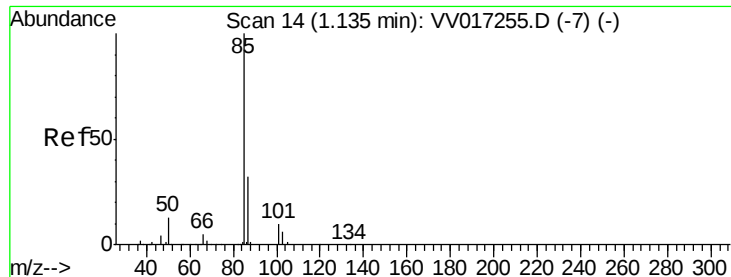
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.194 ug/L

RT: 1.12 min Scan# 10

Delta R.T. -0.01 min

Lab File: VV017267.D

Acq: 30 Jun 2020 17:58

Instrument :

MSVOA_V

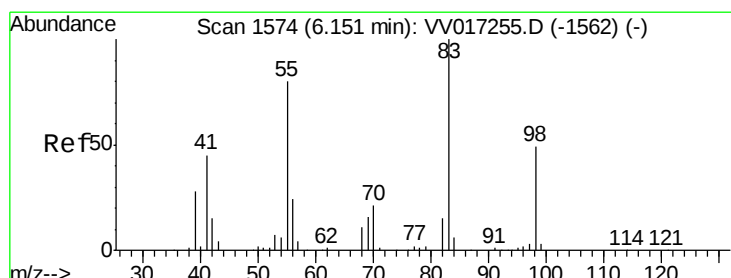
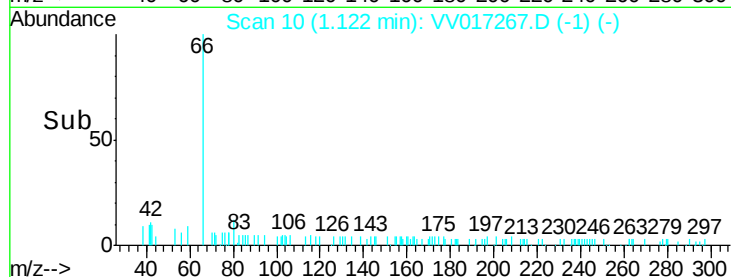
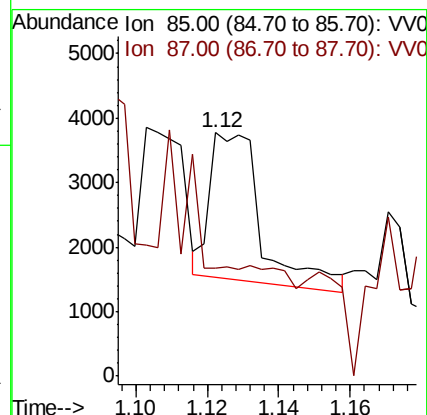
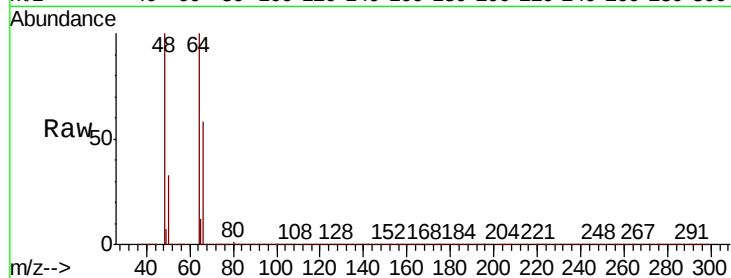
ClientSampleId :

Tot Ion: 85 Resp: 2260

Ion Ratio Lower Upper

85 100

87 0.0 26.3 39.5#



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.08 min Scan# 1553

Delta R.T. -0.07 min

Lab File: VV017267.D

Acq: 30 Jun 2020 17:58

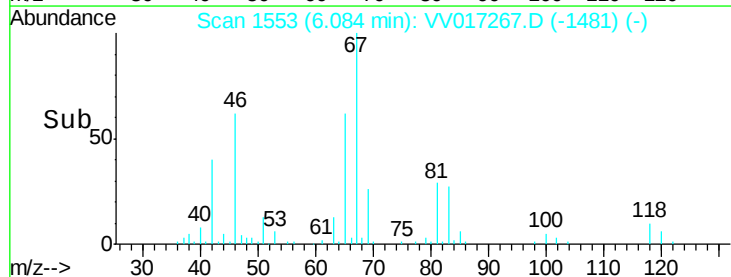
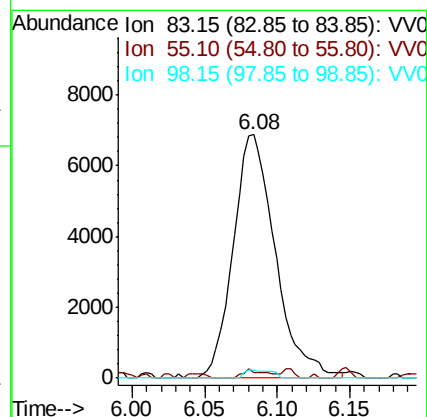
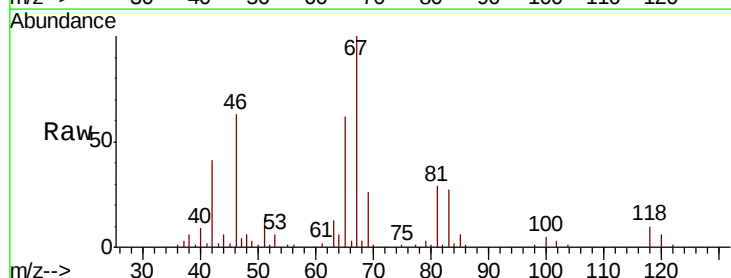
Tgt Ion: 83 Resp: 13905

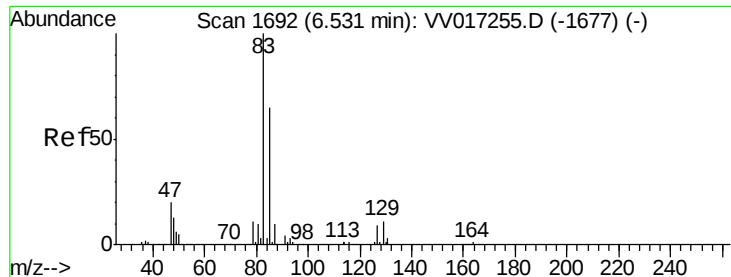
Ion Ratio Lower Upper

83 100

55 1.9 63.6 95.4#

98 2.1 38.8 58.2#





#38

Bromodichloromethane

Concen: 0.231 ug/L

RT: 6.53 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VV017267.D

Acq: 30 Jun 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

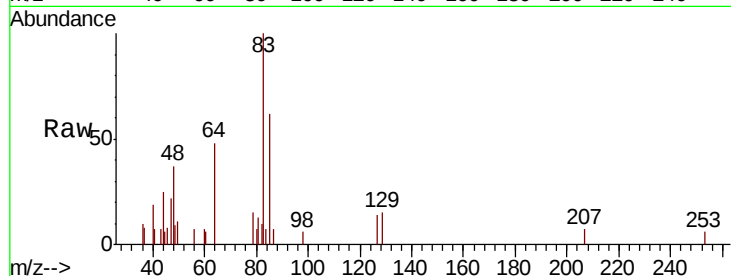
Tot Ion: 83 Resp: 3297

Ion Ratio Lower Upper

83 100

85 62.0 43.4 80.6

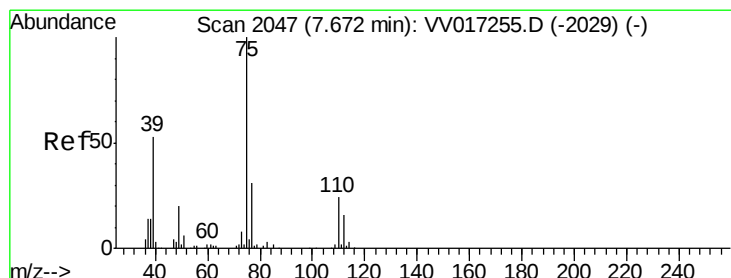
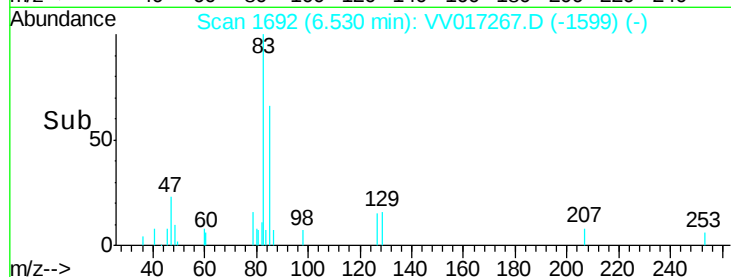
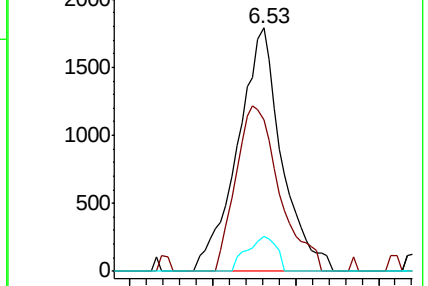
127 14.2 7.9 11.9#



Abundance Ion 82.95 (82.65 to 83.65): VV017255.D (-1677) (-)

Ion 85.00 (84.70 to 85.70): VV017255.D (-1677) (-)

Ion 126.90 (126.60 to 127.60): VV017255.D (-1677) (-)



#46

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017267.D

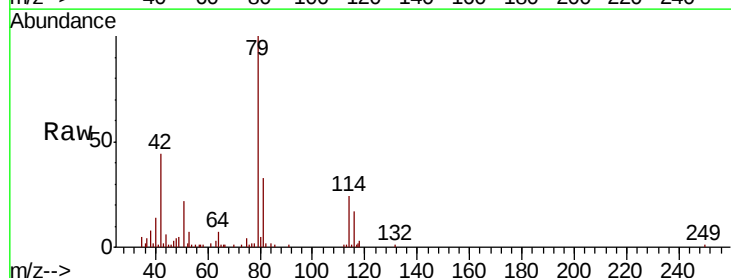
Acq: 30 Jun 2020 17:58

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

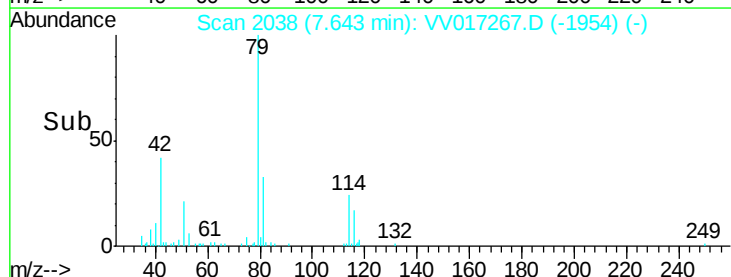
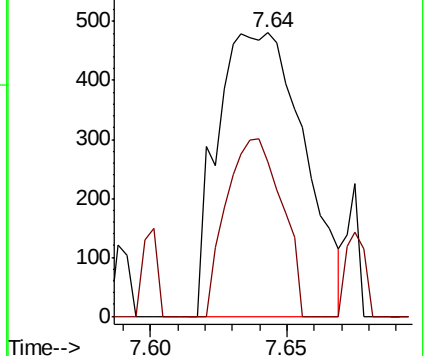
75 100

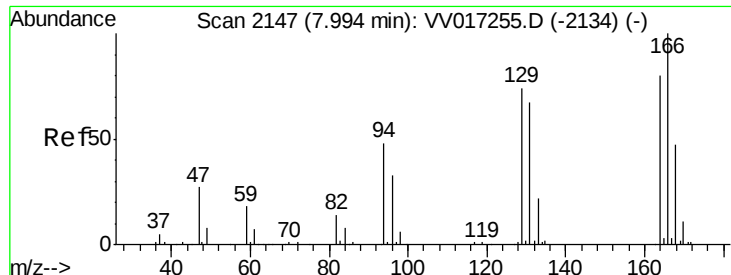
77 54.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV017255.D (-2029) (-)

Ion 77.05 (76.75 to 77.75): VV017255.D (-2029) (-)





#49

Tetrachloroethene

Concen: 0.298 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017267.D

Acq: 30 Jun 2020 17:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2979

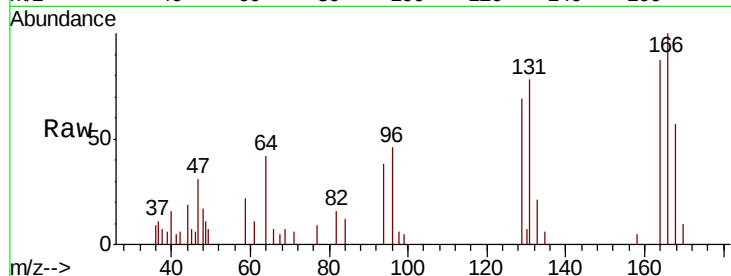
Ion Ratio Lower Upper

164 100

129 78.7 65.2 121.0

131 89.1 64.1 119.1

166 114.8 90.2 167.4

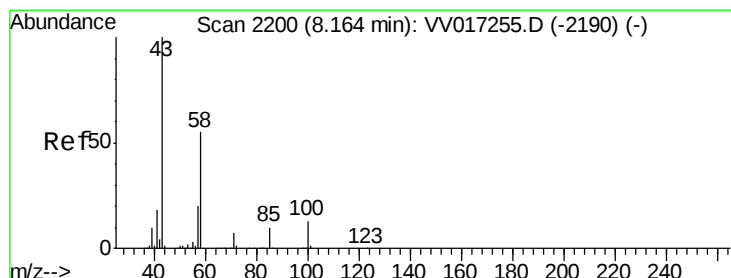
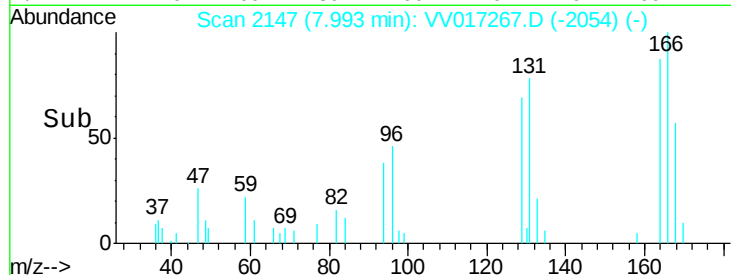
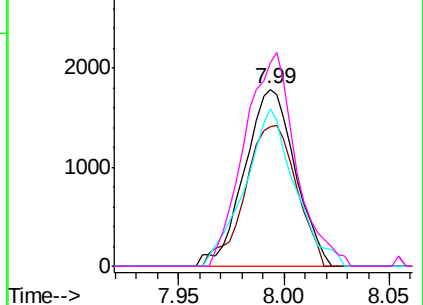


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.715 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.06 min

Lab File: VV017267.D

Acq: 30 Jun 2020 17:58

Tgt Ion: 43 Resp: 11730

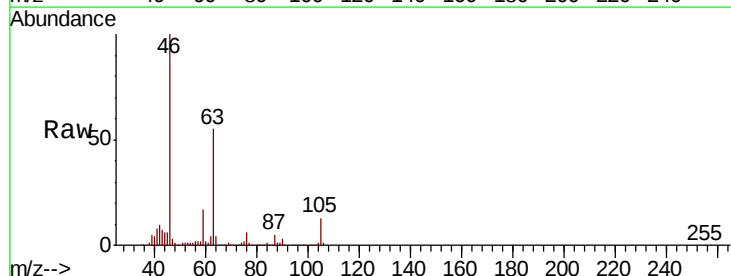
Ion Ratio Lower Upper

43 100

58 24.2 41.6 62.4#

57 25.6 15.4 23.0#

100 1.4 10.1 15.1#

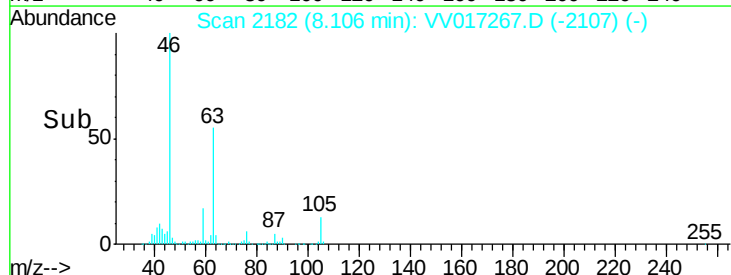
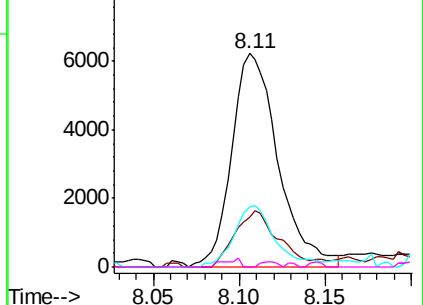


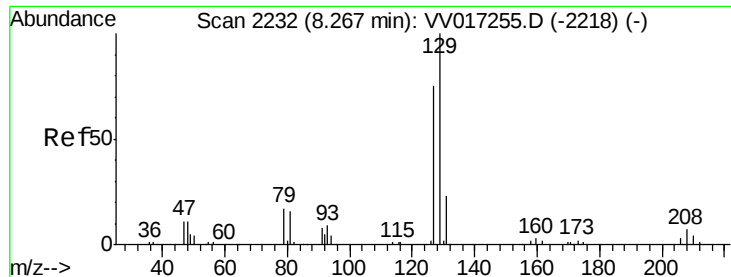
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

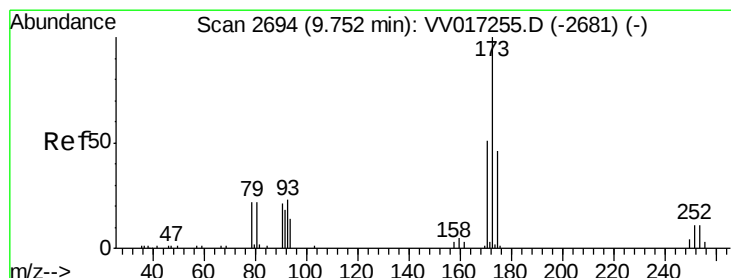
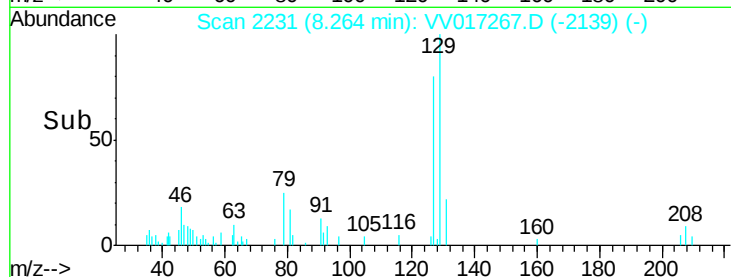
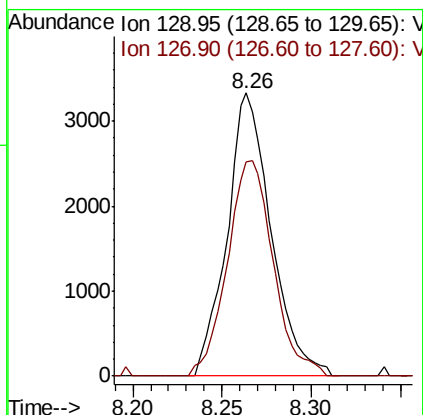
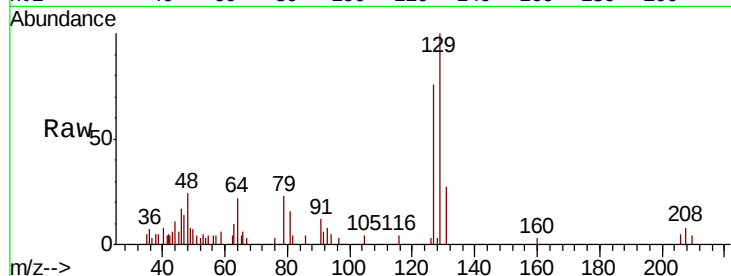




#51
 Dibromochloromethane
 Concen: 0.633 ug/L
 RT: 8.26 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: VV017267.D
 Acq: 30 Jun 2020 17:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 5722
 Ion Ratio Lower Upper
 129 100
 127 75.5 54.1 100.5



#62
 Bromoform
 Concen: 0.373 ug/L
 RT: 9.76 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: VV017267.D
 Acq: 30 Jun 2020 17:58

Tgt Ion:173 Resp: 1664
 Ion Ratio Lower Upper
 173 100
 175 53.5 39.4 59.2
 254 5.3 7.4 11.2#

