

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016055.D
 Acq On : 13 May 2020 21:08
 Operator : SY/MD
 Sample : L2598-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	96620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96782	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31995	6.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.00%
7) Chloroethane-d5	1.58	69	30458	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.13	63	46731	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.93	46	114011	76.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.50%#
24) Chloroform-d	4.38	84	62791	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.06	65	40973	6.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.80%
32) Benzene-d6	5.08	84	122539	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.10	67	39079	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.34	98	107102	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
45) trans-1,3-Dichloropropene-	7.65	79	13158	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
48) 2-Hexanone-d5	8.12	63	81359	67.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.26%#
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34760	7.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	140.60%#
65) 1,2-Dichlorobenzene-d4	11.65	152	39962	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

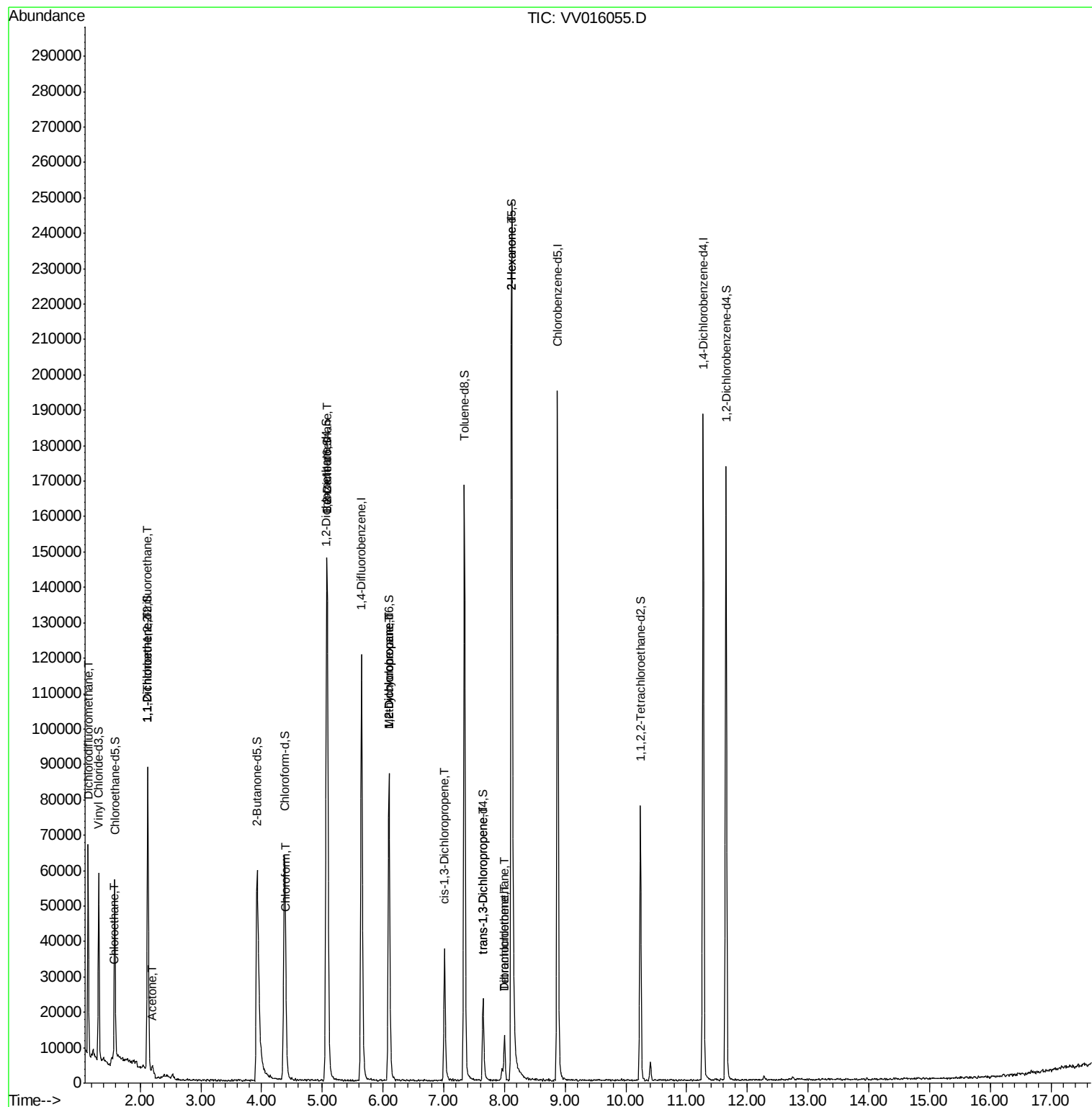
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.15	85	593	0.080	ug/L #	87
8) Chloroethane	1.56	64	3734	0.731	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	406	0.073	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	485	0.091	ug/L #	1
13) Acetone	2.20	43	4212	4.270	ug/L	80
25) Chloroform	4.41	83	1988	0.159	ug/L	94
27) 1,2-Dichloroethane	5.08	62	874	0.114	ug/L #	76
35) Methylcyclohexane	6.10	83	9419	0.896	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5029	0.813	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1016	0.116	ug/L #	69
46) trans-1,3-Dichloropropene	7.65	75	588	0.080	ug/L #	44
49) Tetrachloroethene	8.00	164	2908	0.600	ug/L	92
50) 2-Hexanone	8.12	43	14620	5.362	ug/L #	81
51) Dibromochloromethane	8.00	129	2639	0.569	ug/L #	9

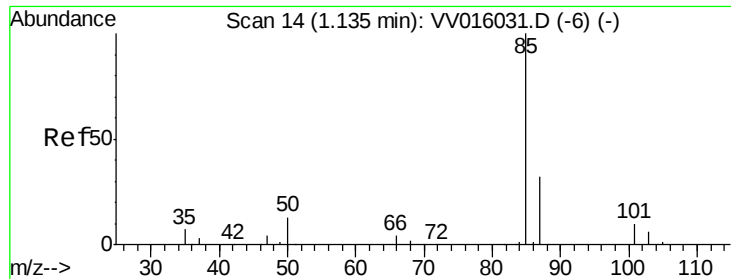
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.080 ug/L

RT: 1.15 min Scan# 17

Delta R.T. 0.01 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

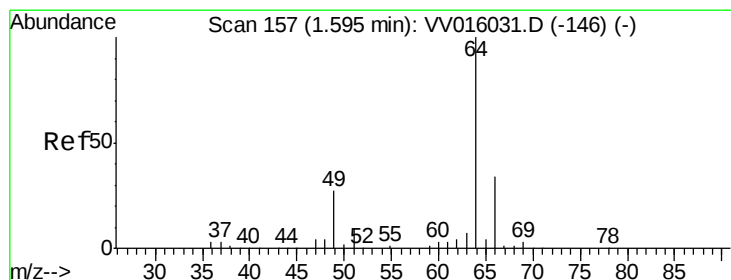
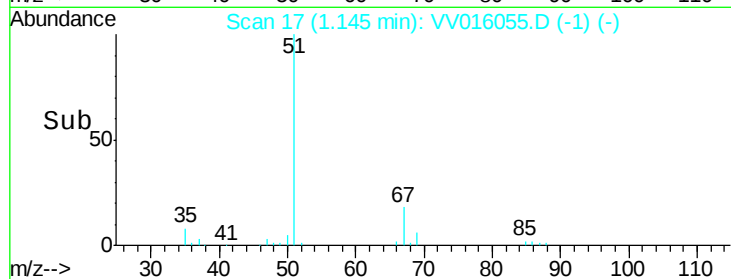
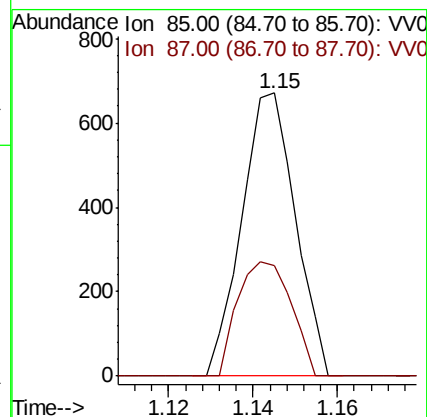
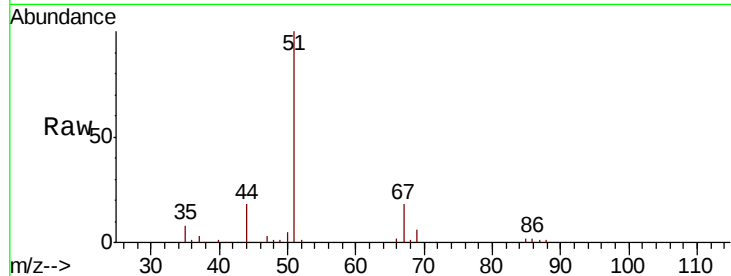
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 593

Ion Ratio Lower Upper

85 100

87 40.3 26.4 39.6#



#8

Chloroethane

Concen: 0.731 ug/L

RT: 1.56 min Scan# 146

Delta R.T. -0.04 min

Lab File: VV016055.D

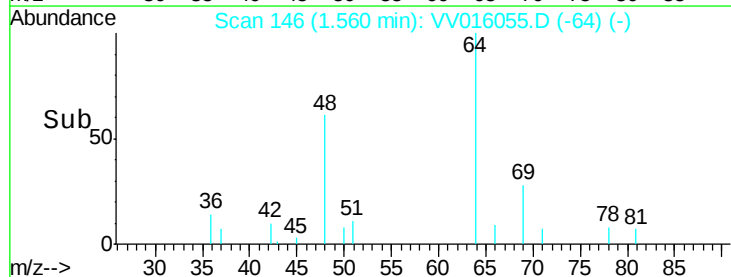
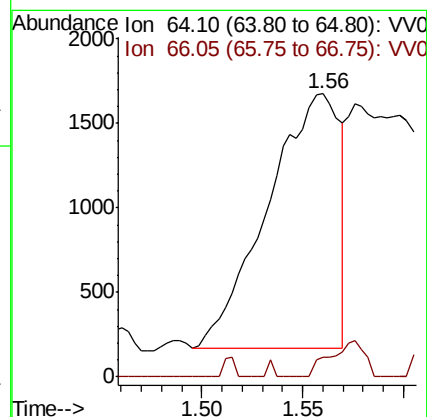
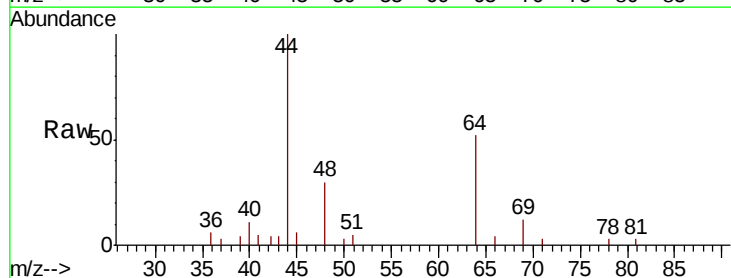
Acq: 13 May 2020 21:08

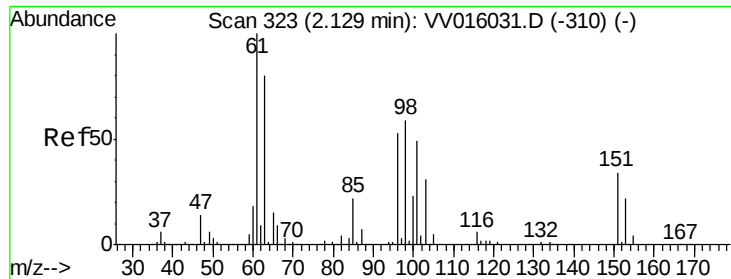
Tgt Ion: 64 Resp: 3734

Ion Ratio Lower Upper

64 100

66 7.0 23.6 43.8#





#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

Instrument :

MSVOA_V

ClientSampleId :

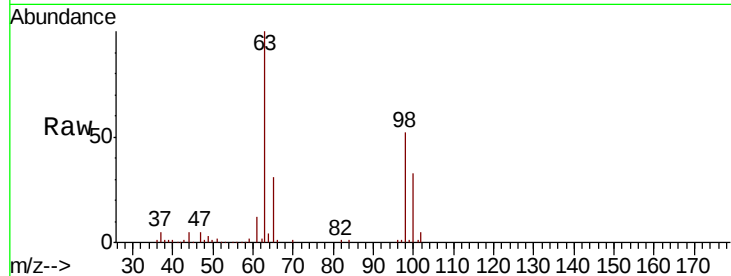
Tot Ion:101 Resp: 406

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

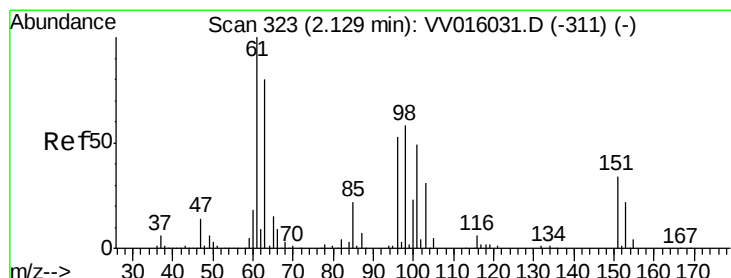
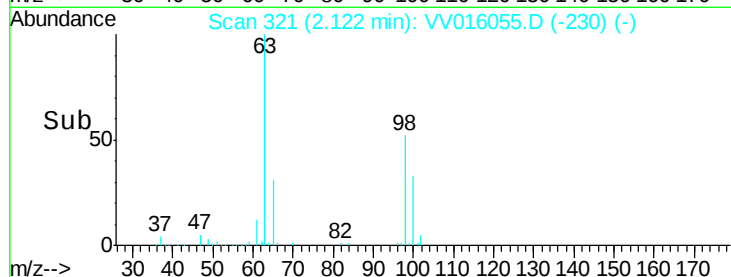
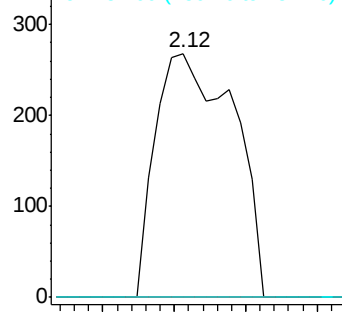
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

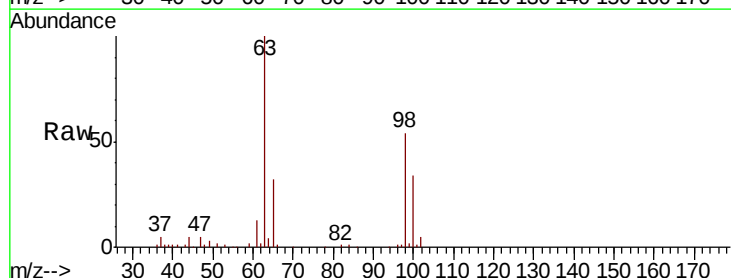
Tgt Ion: 96 Resp: 485

Ion Ratio Lower Upper

96 100

61 1265.8 139.9 259.7#

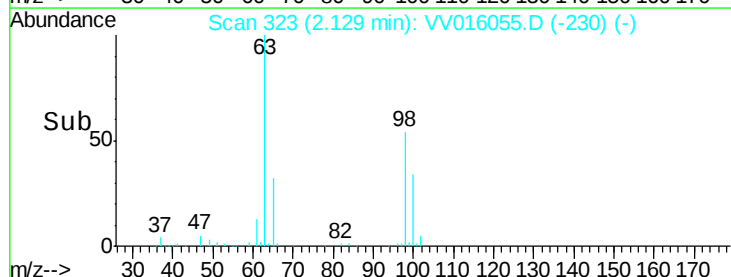
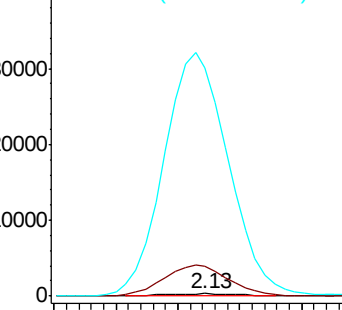
63 9635.8 106.4 197.6#

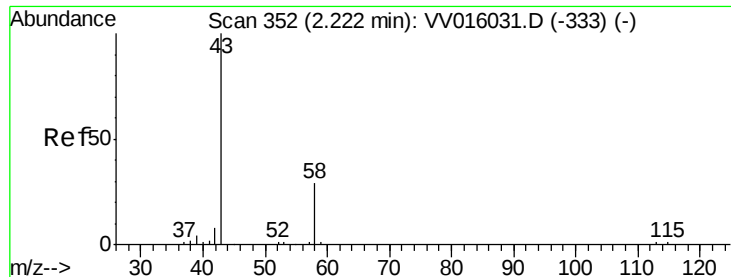


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.270 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

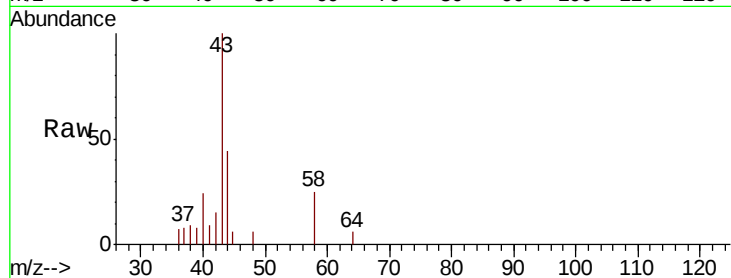
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4212

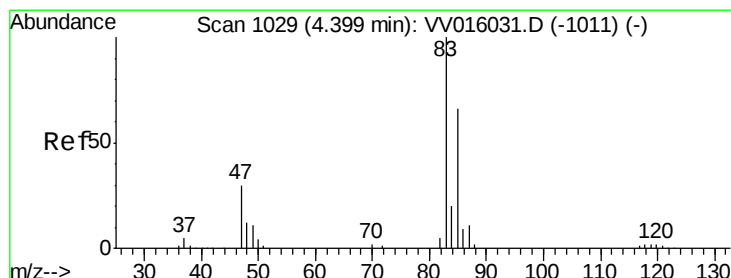
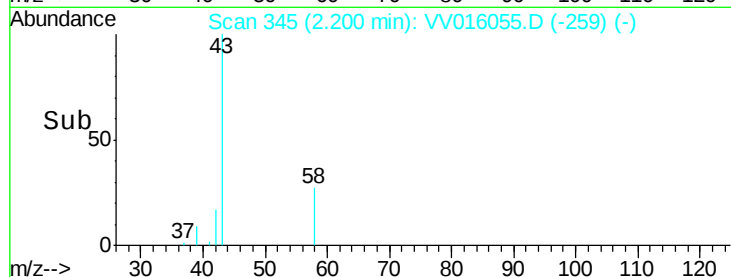
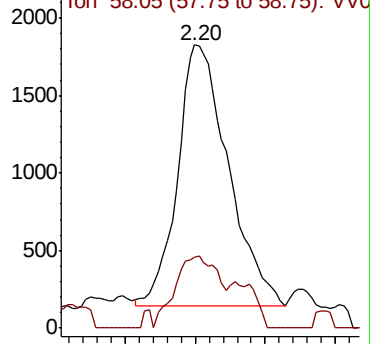
Ion Ratio Lower Upper

43 100

58 23.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016031.D (-333) (-)



#25

Chloroform

Concen: 0.159 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016055.D

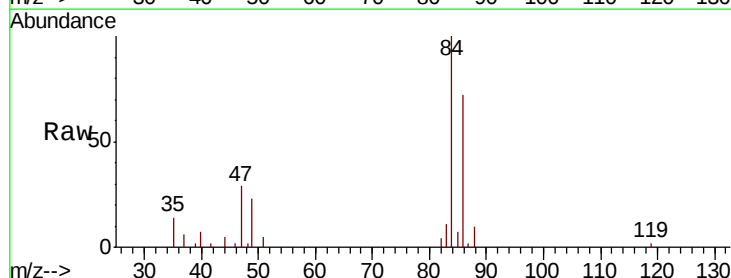
Acq: 13 May 2020 21:08

Tgt Ion: 83 Resp: 1988

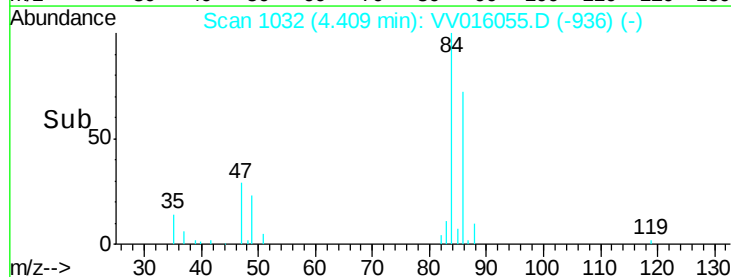
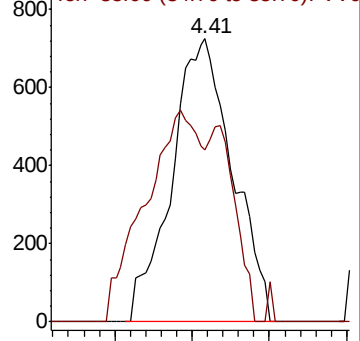
Ion Ratio Lower Upper

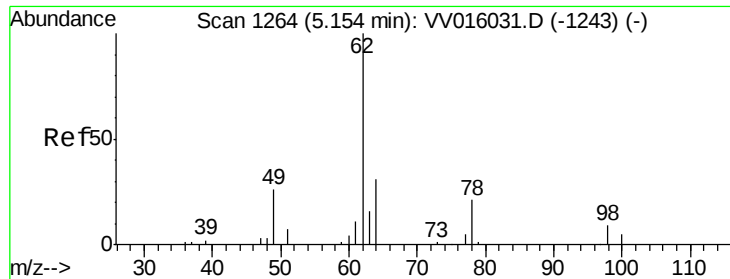
83 100

85 60.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016031.D (-1011) (-)

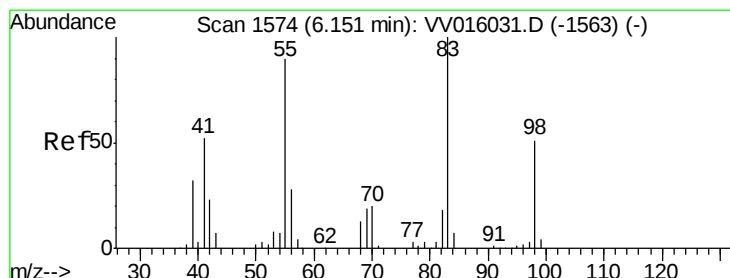
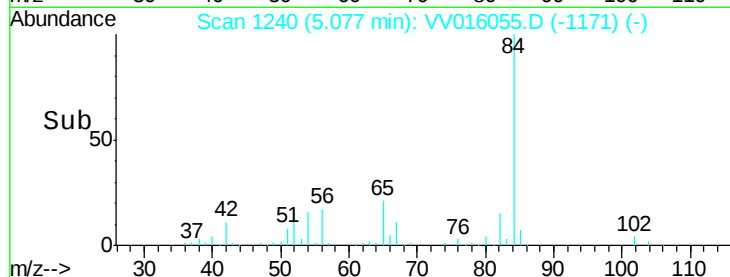
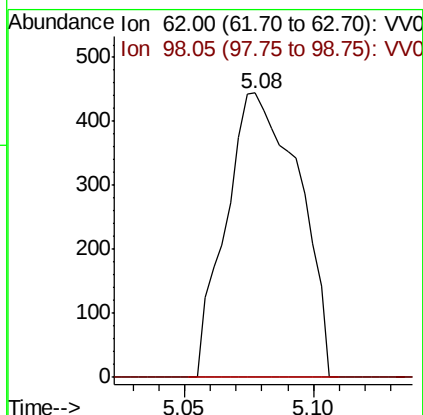
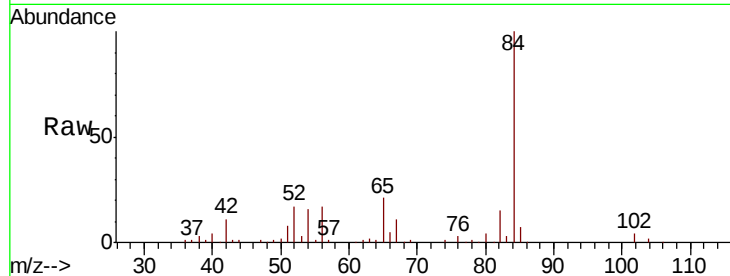




#27
 1,2-Dichloroethane
 Concen: 0.114 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016055.D
 Acq: 13 May 2020 21:08

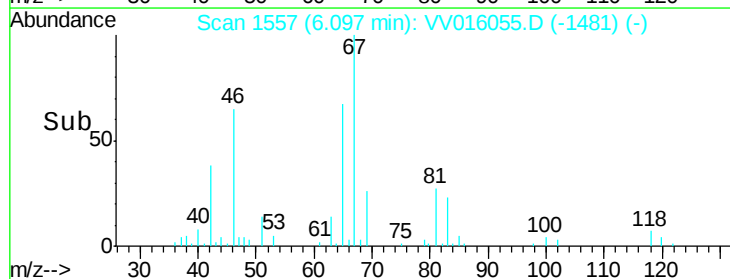
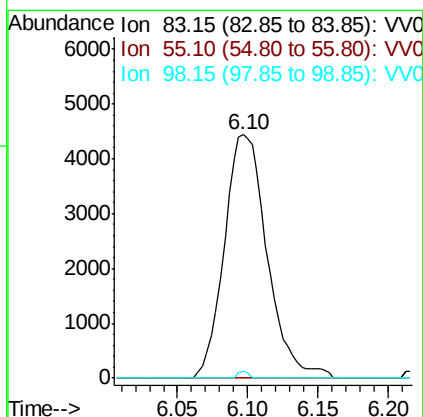
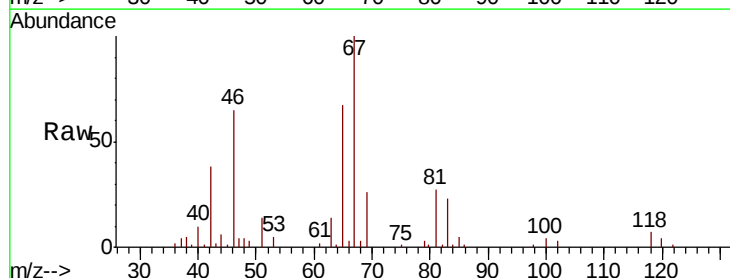
Instrument :
 MSVOA_V
 ClientSampleId :

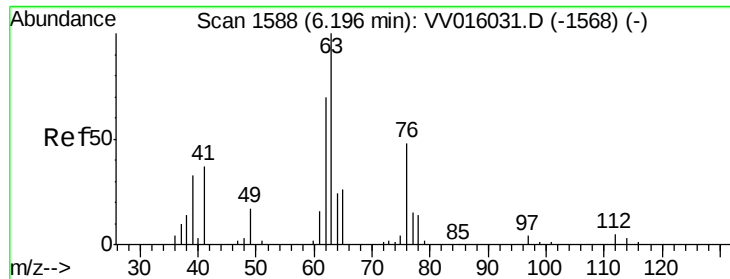
Tot Ion: 62 Resp: 874
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.896 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016055.D
 Acq: 13 May 2020 21:08

Tgt Ion: 83 Resp: 9419
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 0.7 37.9 56.9#

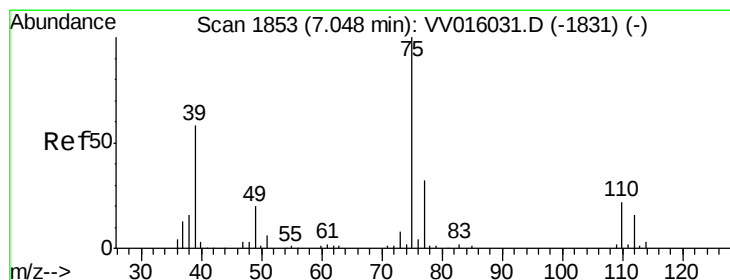
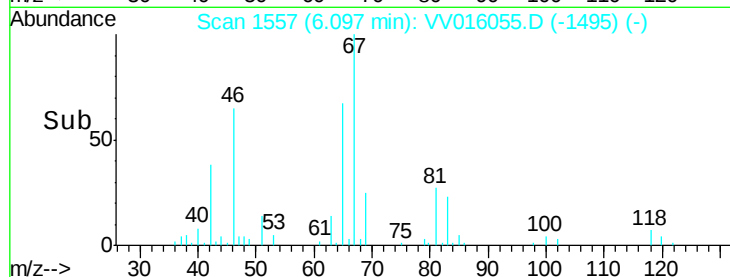
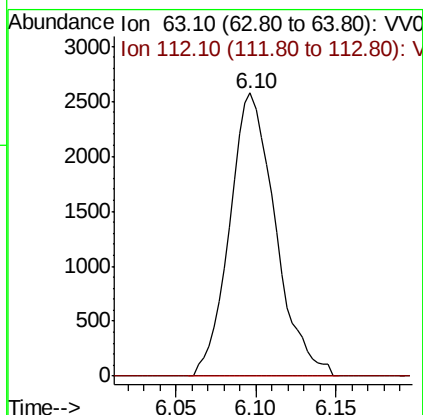
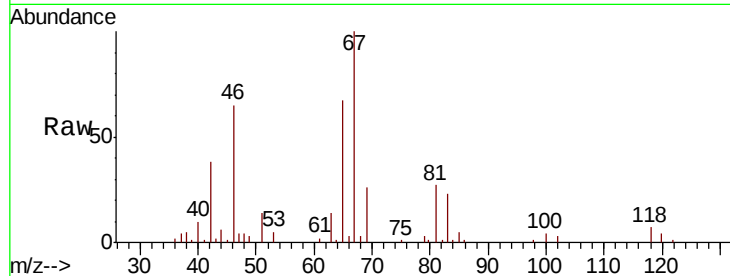




#37
 1,2-Dichloropropane
 Concen: 0.813 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016055.D
 Acq: 13 May 2020 21:08

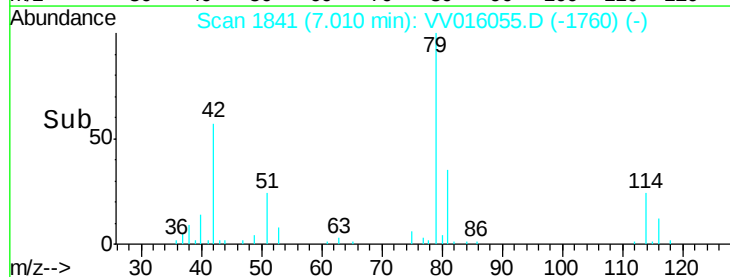
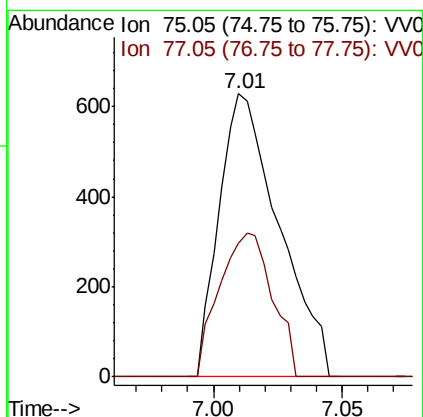
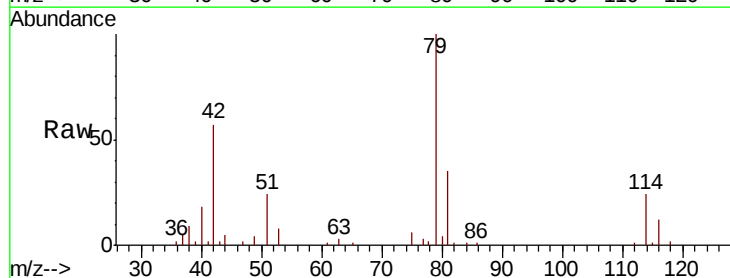
Instrument :
 MSVOA_V
 ClientSampled :

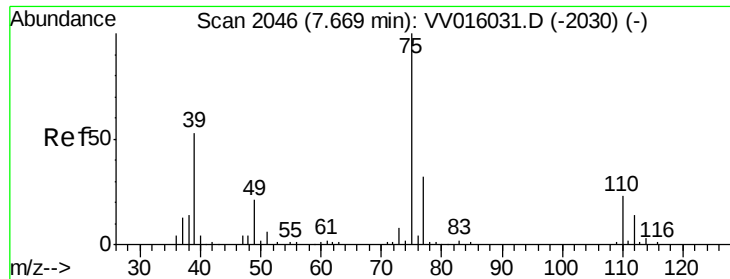
Tot Ion: 63 Resp: 5029
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016055.D
 Acq: 13 May 2020 21:08

Tgt Ion: 75 Resp: 1016
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

Instrument :

MSVOA_V

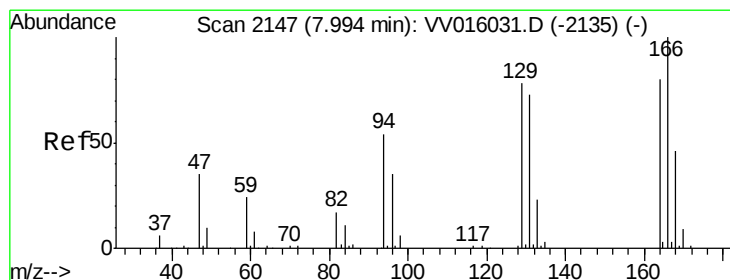
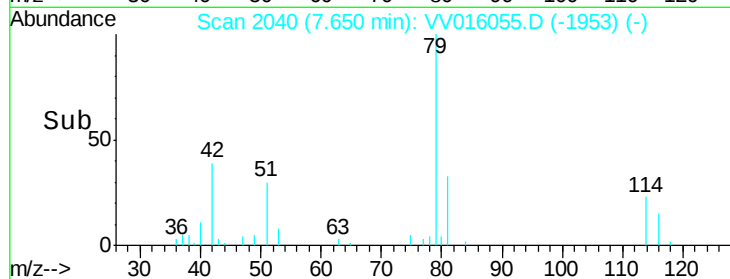
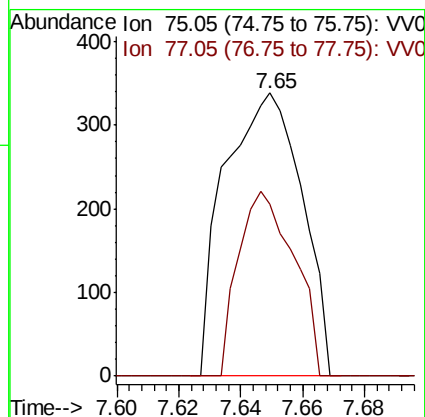
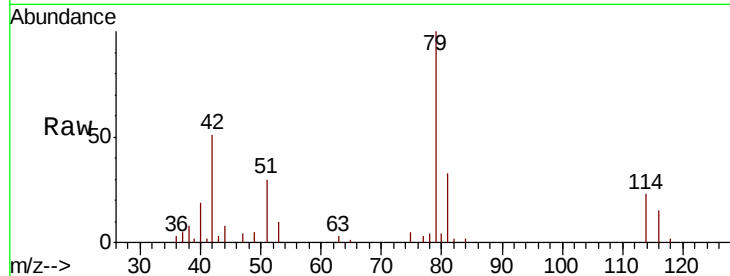
ClientSampleId :

Tot Ion: 75 Resp: 588

Ion Ratio Lower Upper

75 100

77 60.9 21.3 39.6#



#49

Tetrachloroethene

Concen: 0.600 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

Tgt Ion: 164 Resp: 2908

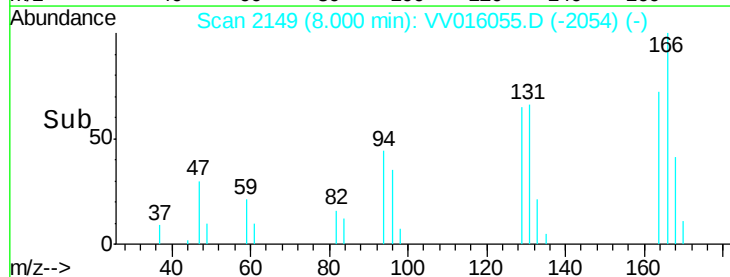
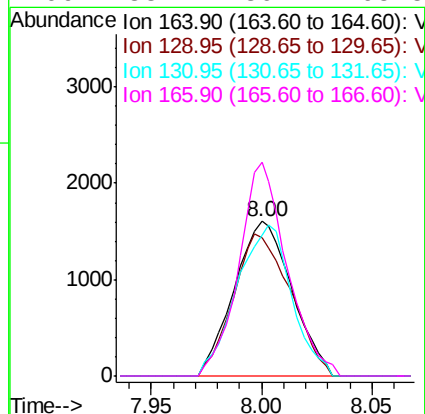
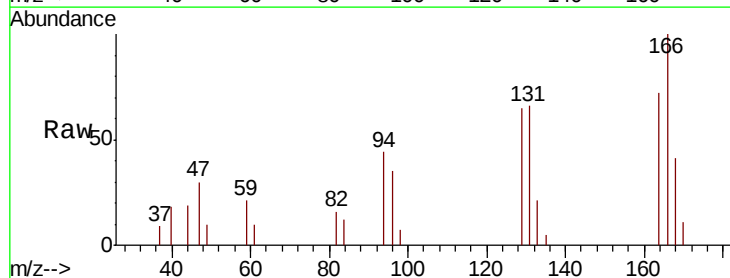
Ion Ratio Lower Upper

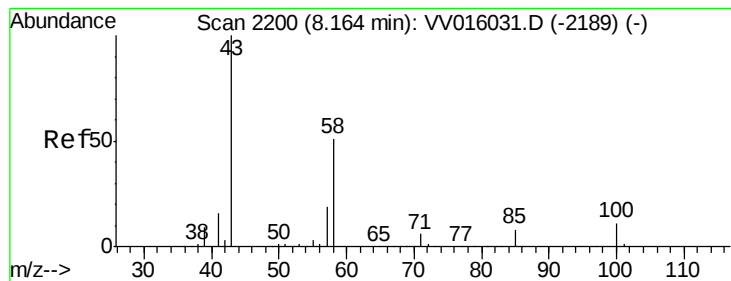
164 100

129 89.8 69.7 129.4

131 91.3 66.8 124.2

166 138.1 89.1 165.5





#50

2-Hexanone

Concen: 5.362 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016055.D

Acq: 13 May 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14620

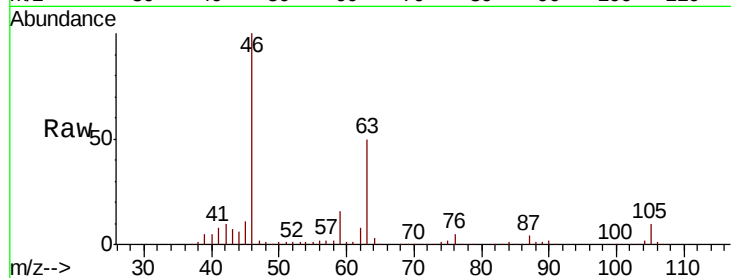
Ion Ratio Lower Upper

43 100

58 38.7 40.8 61.2#

57 26.1 14.7 22.1#

100 0.3 9.0 13.6#

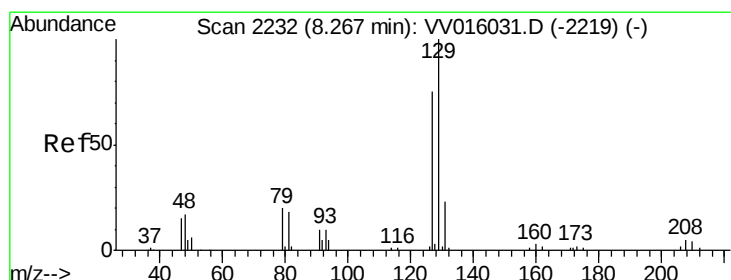
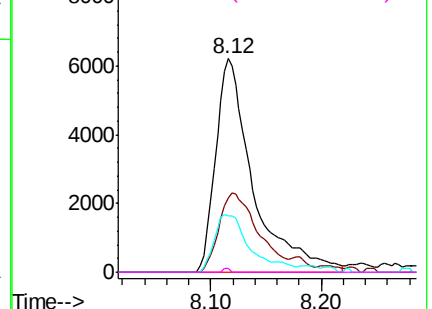
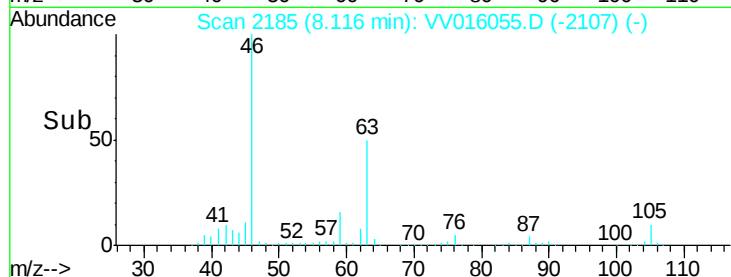


Abundance Ion 43.05 (42.75 to 43.75): VV016031.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV016031.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV016031.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV016031.D (-2189) (-)



#51

Dibromochloromethane

Concen: 0.569 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV016055.D

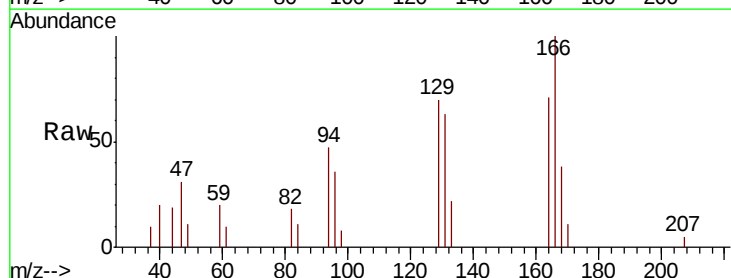
Acq: 13 May 2020 21:08

Tgt Ion: 129 Resp: 2639

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): VV016031.D (-2219) (-)

Ion 126.90 (126.60 to 127.60): VV016031.D (-2219) (-)

