

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019361.D
 Acq On : 12 Nov 2020 18:57
 Operator : SY/MD
 Sample : L4693-20ME
 Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E6ME

Quant Time: Nov 13 01:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	216318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79687	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.74%
7) Chloroethane-d5	1.58	69	65333	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.10	63	128954	38.43	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.86%
21) 2-Butanone-d5	3.93	46	84370	100.34	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.37	84	149961	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.05	65	109849	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.07	84	276030	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.09	67	81047	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.33	98	262442	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%
43) trans-1,3-Dichloropropene-	7.64	79	47275	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.14	63	58106	100.02	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97474	46.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	114645	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%

Target Compounds

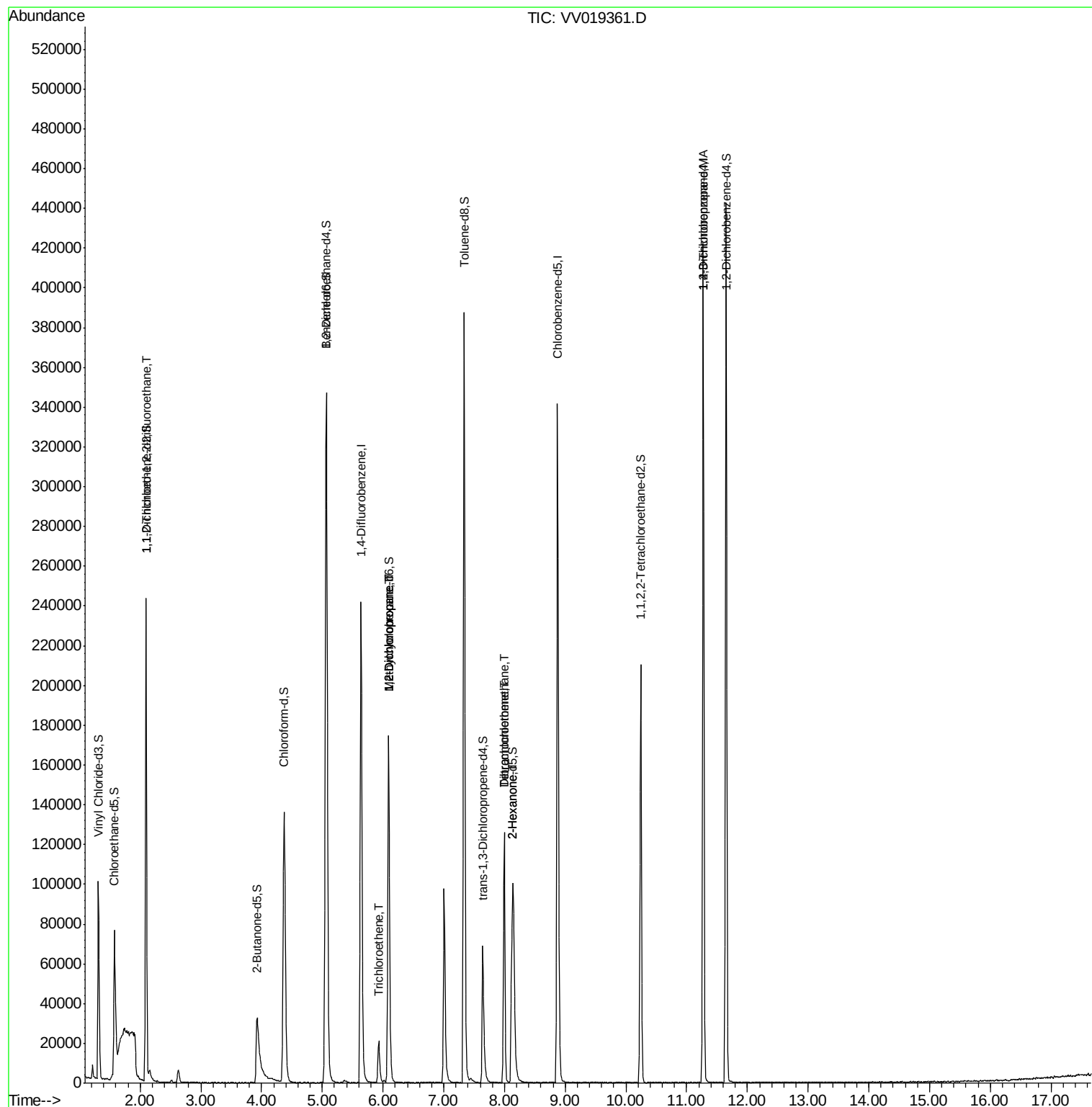
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1289	0.902 ug/L #	15
34) Trichloroethene	5.94	95	1608	0.977 ug/L	96
35) Methylcyclohexane	6.09	83	22110	10.866 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	10380	7.824 ug/L #	83
46) Tetrachloroethene	7.99	164	29517	20.353 ug/L	98
48) 2-Hexanone	8.14	43	9201	7.013 ug/L #	42
49) Dibromochloromethane	7.99	129	25125	13.604 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	10593	5.846 ug/L	89

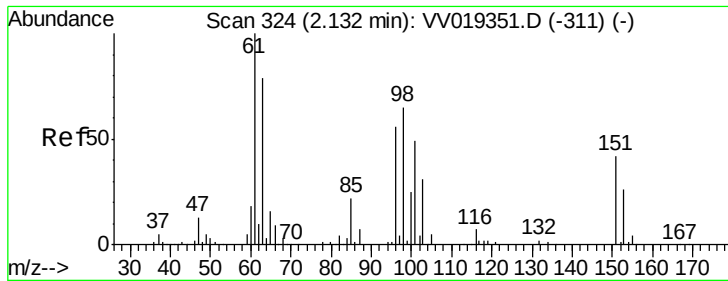
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 01:06:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.902 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV019361.D

Acq: 12 Nov 2020 18:57

Instrument :

MSVOA_V

ClientSampleId :

BG4E6ME

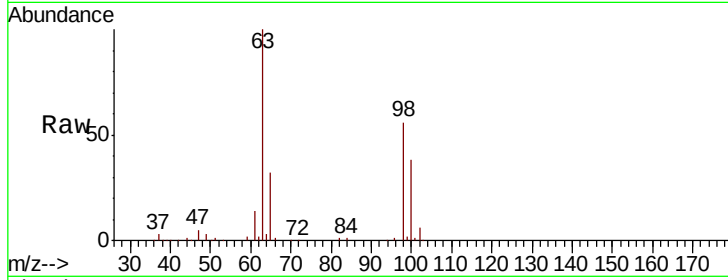
Tot Ion:101 Resp: 1289

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

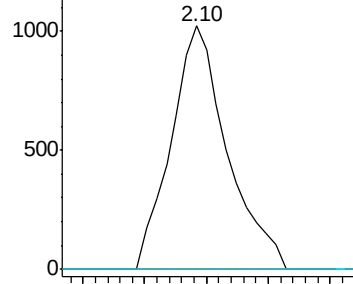
151 0.0 69.2 103.8#



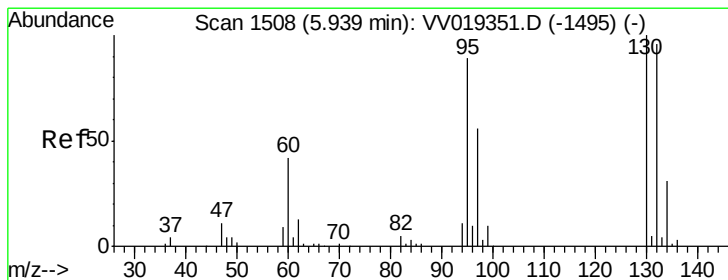
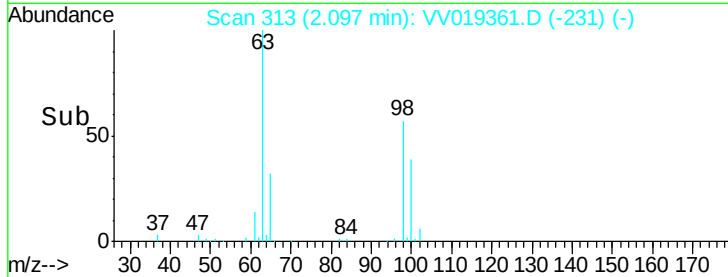
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#34

Trichloroethene

Concen: 0.977 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV019361.D

Acq: 12 Nov 2020 18:57

Tgt Ion: 95 Resp: 1608

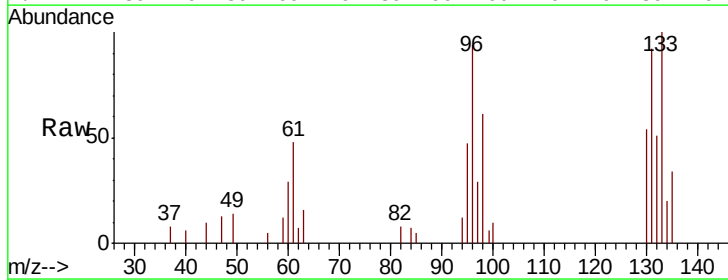
Ion Ratio Lower Upper

95 100

97 61.8 46.8 86.8

132 109.9 75.5 140.3

130 115.6 77.7 144.3

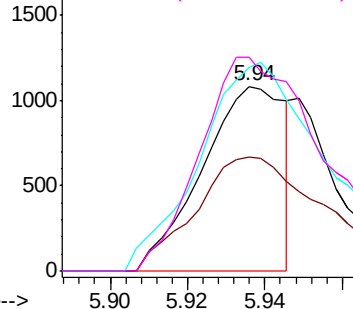


Abundance Ion 95.00 (94.70 to 95.70): VV0

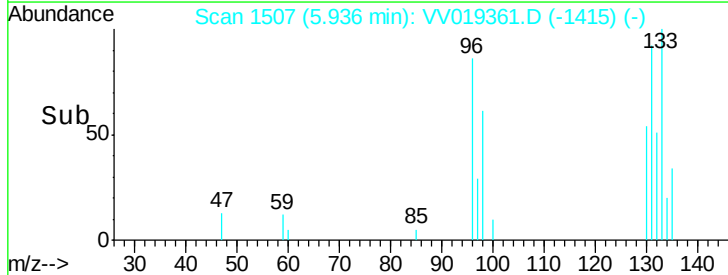
Ion 97.00 (96.70 to 97.70): VV0

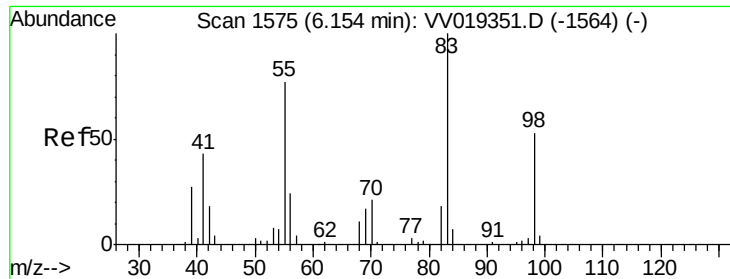
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->

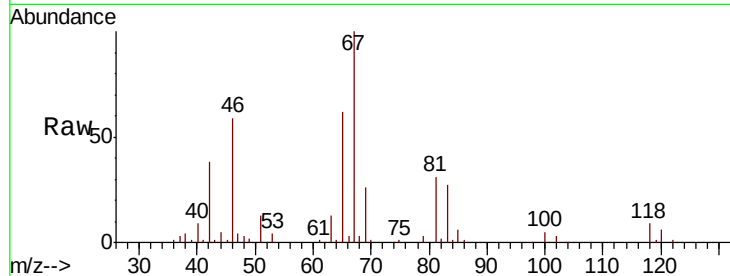




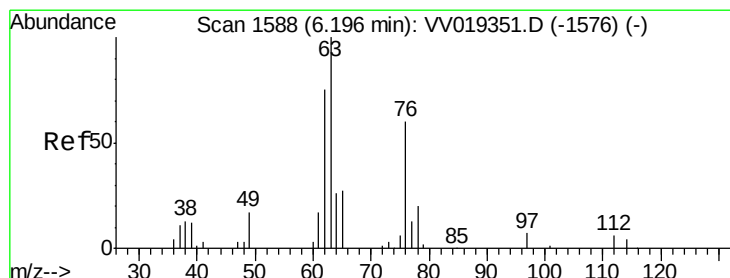
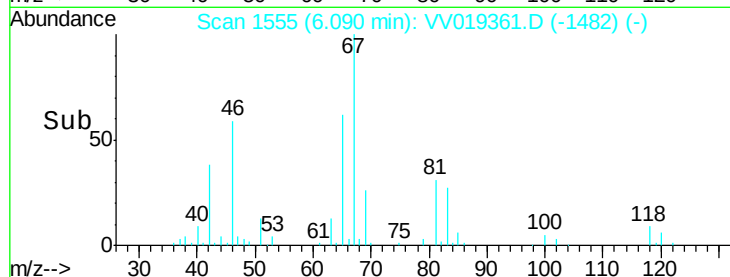
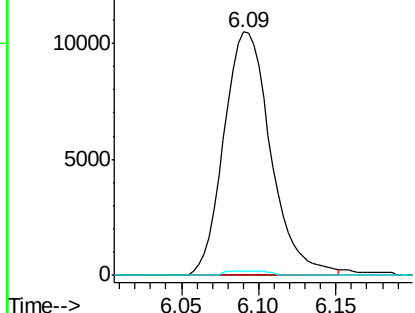
#35
Methvlcvclohexane
Concen: 10.866 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019361.D
Acq: 12 Nov 2020 18:57

Instrument :
MSVOA_V
ClientSampleId :
BG4E6ME

Tot Ion: 83 Resp: 22110
Ion Ratio Lower Upper
83 100
55 0.0 58.6 88.0#
98 0.6 41.4 62.0#

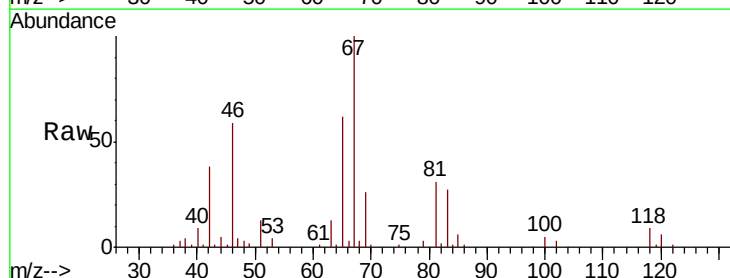


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

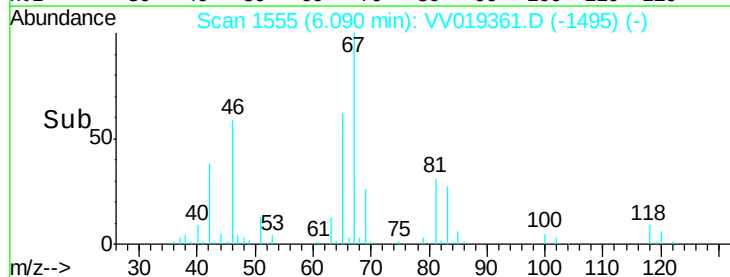
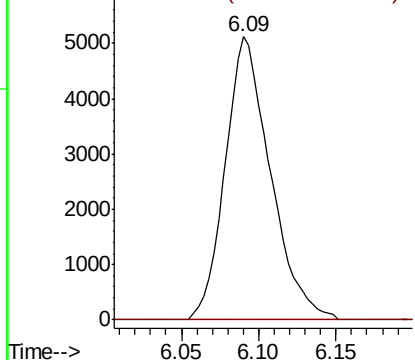


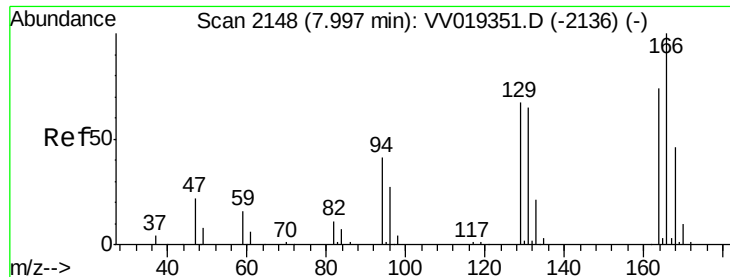
#37
1,2-Dichloropropane
Concen: 7.824 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019361.D
Acq: 12 Nov 2020 18:57

Tgt Ion: 63 Resp: 10380
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 20.353 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019361.D

Acq: 12 Nov 2020 18:57

Instrument :

MSVOA_V

ClientSampleId :

BG4E6ME

Tot Ion:164 Resp: 29517

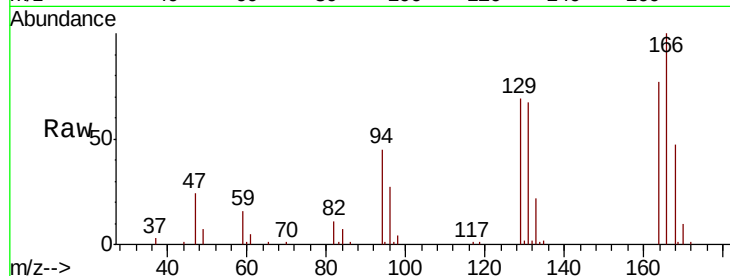
Ion Ratio Lower Upper

164 100

129 90.2 60.9 113.1

131 87.6 58.9 109.5

166 130.4 91.4 169.8

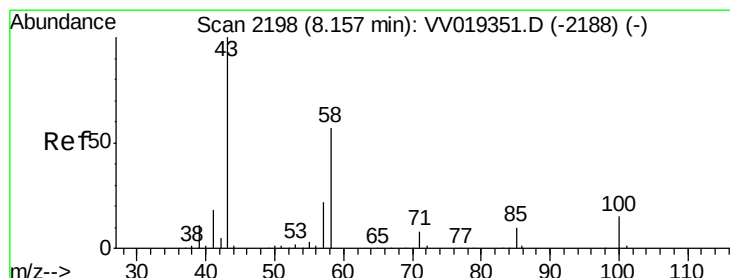
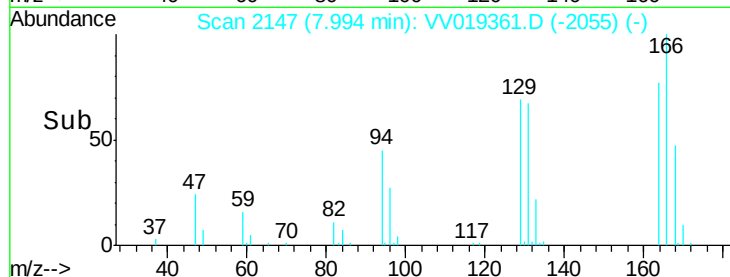
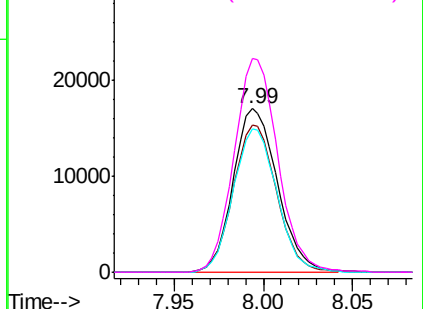


Abundance Ion 164.00 (163.70 to 164.70): V

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: 7.013 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV019361.D

Acq: 12 Nov 2020 18:57

Tgt Ion: 43 Resp: 9201

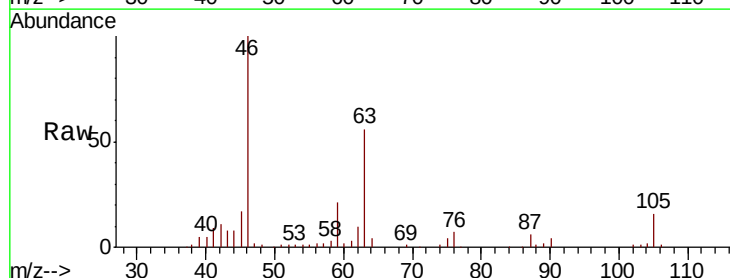
Ion Ratio Lower Upper

43 100

58 4.6 43.6 65.4#

57 0.0 17.2 25.8#

100 0.0 11.9 17.9#

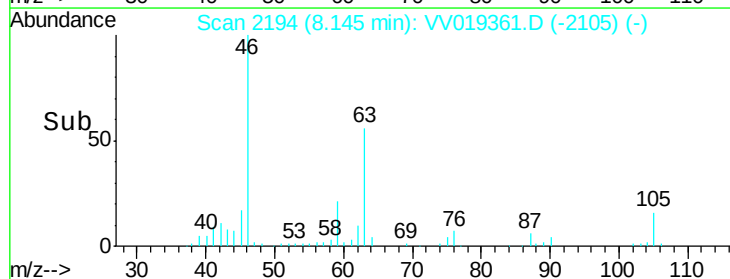
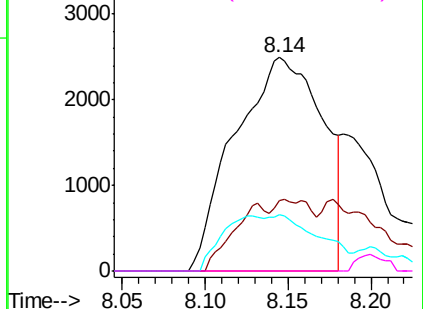


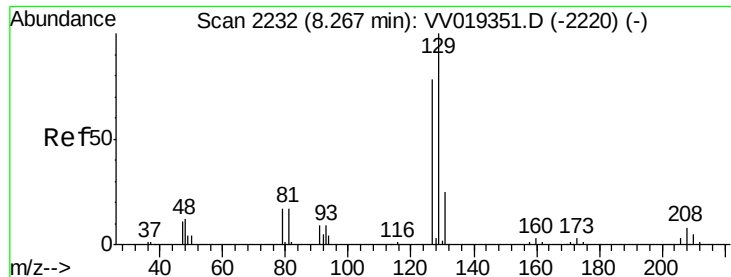
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 13.604 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV019361.D

Acq: 12 Nov 2020 18:57

Instrument :

MSVOA_V

ClientSampleId :

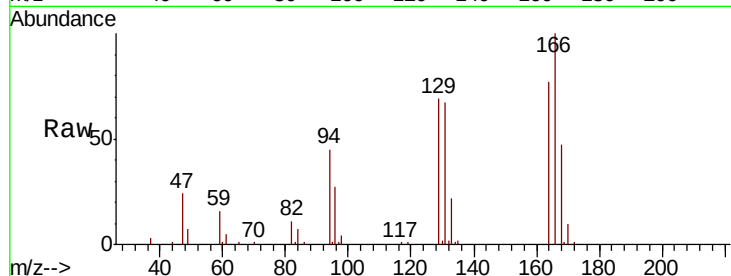
BG4E6ME

Tot Ion:129 Resp: 25125

Ion Ratio Lower Upper

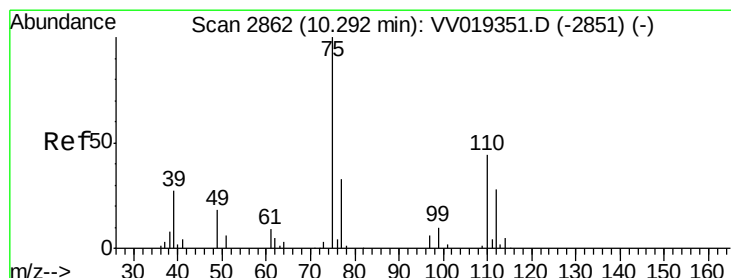
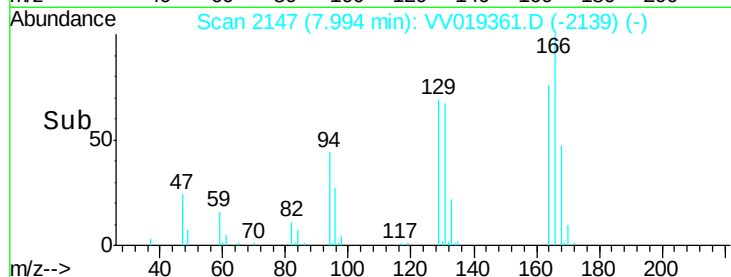
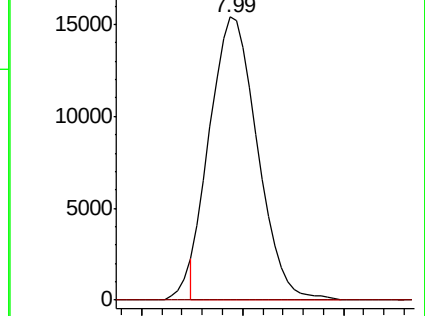
129 100

127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.846 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019361.D

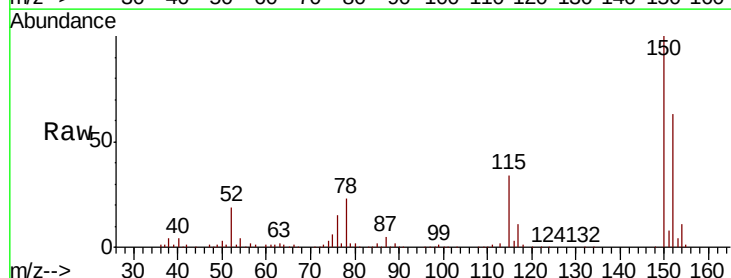
Acq: 12 Nov 2020 18:57

Tgt Ion: 75 Resp: 10593

Ion Ratio Lower Upper

75 100

77 37.2 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

