

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019360.D
 Acq On : 12 Nov 2020 18:33
 Operator : SY/MD
 Sample : L4693-22ME
 Misc : 5.05µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E8ME

Quant Time: Nov 13 01:14:58 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	218382	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	219784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75749	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.04%
7) Chloroethane-d5	1.58	69	65420	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.10	63	129422	38.21	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	3.92	46	82455	97.13	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.13%
24) Chloroform-d	4.37	84	147200	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
26) 1,2-Dichloroethane-d4	5.05	65	109449	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.07	84	275316	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	6.09	67	78761	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.33	98	263337	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.64	79	47038	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	8.14	63	57019	96.63	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97518	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	116267	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

Target Compounds

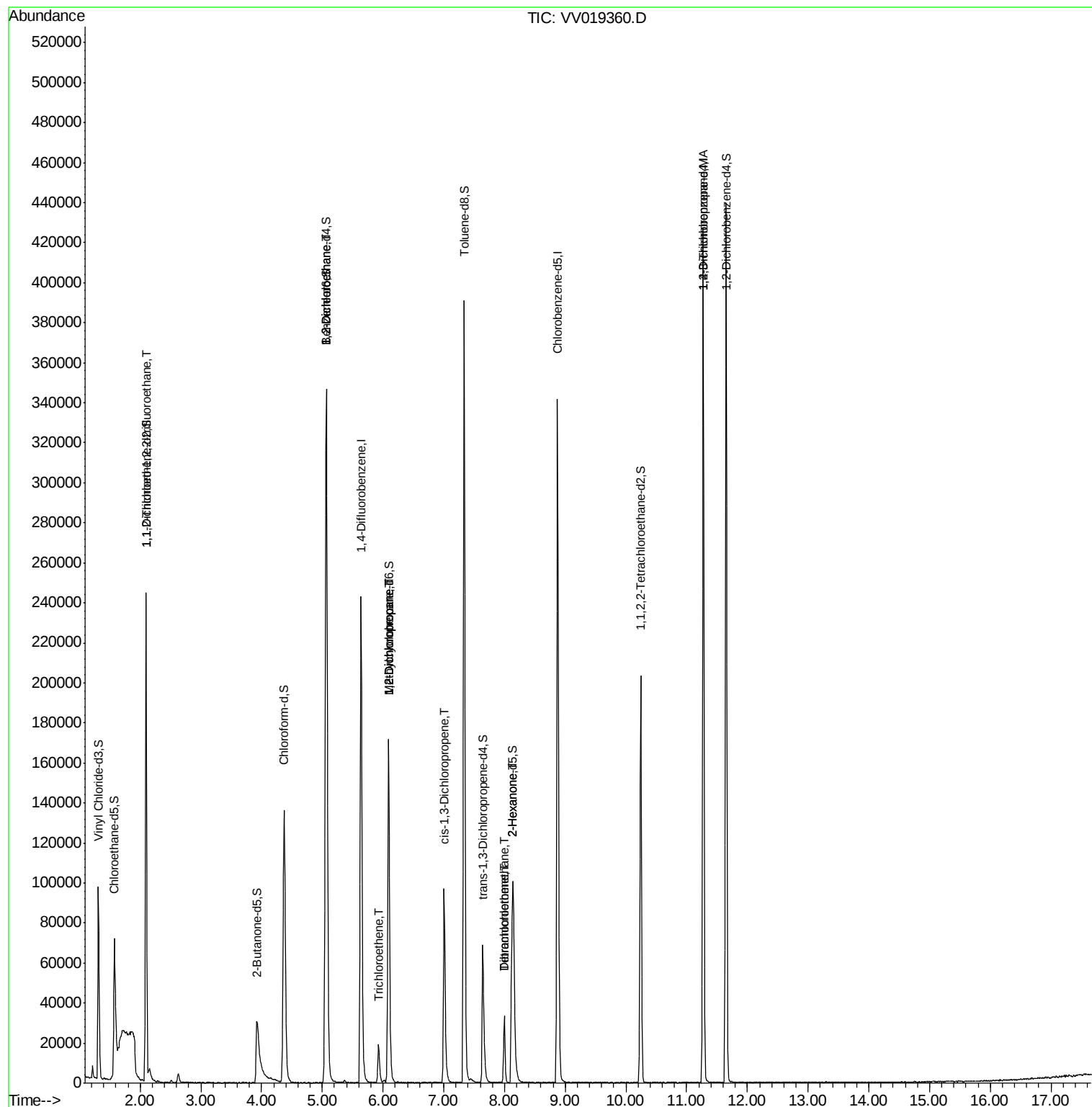
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1214	0.842 ug/L #	15
27) 1,2-Dichloroethane	5.07	62	1946	0.805 ug/L #	76
34) Trichloroethene	5.94	95	1259	0.753 ug/L	96
35) Methylcyclohexane	6.09	83	22067	10.678 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	10127	7.515 ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	3091	1.338 ug/L #	62
46) Tetrachloroethene	8.00	164	8484	5.760 ug/L	97
48) 2-Hexanone	8.14	43	11933	8.955 ug/L #	43
49) Dibromochloromethane	8.00	129	7053	3.760 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	11029	5.993 ug/L #	87

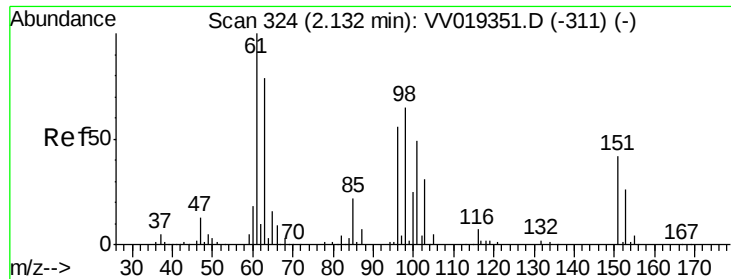
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.842 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Instrument :

MSVOA_V

ClientSampled :

BG4E8ME

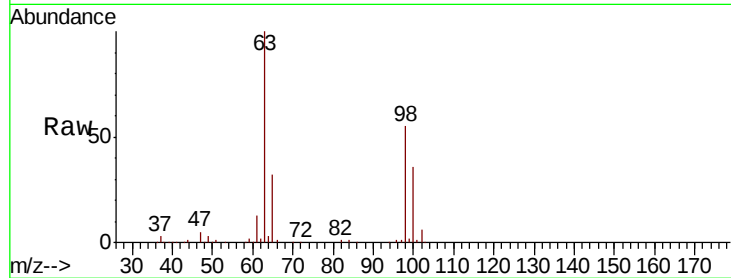
Tot Ion:101 Resp: 1214

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

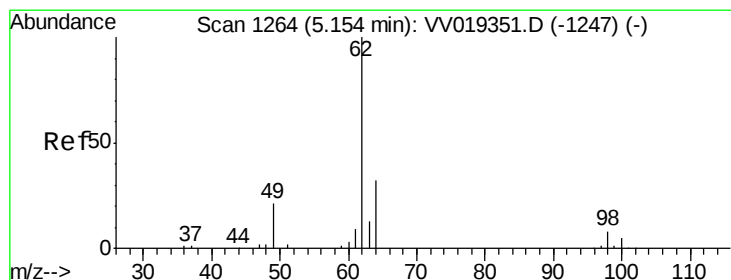
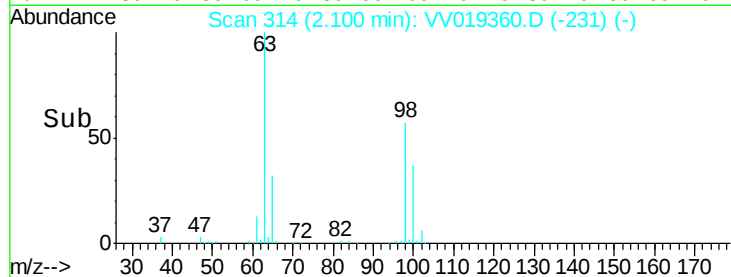
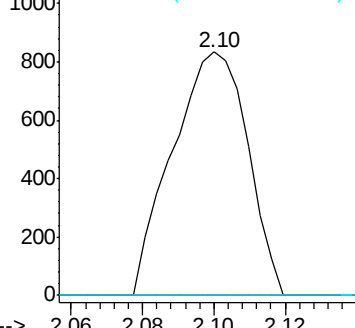
151 0.0 69.2 103.8#



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



#27

1,2-Dichloroethane

Concen: 0.805 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV019360.D

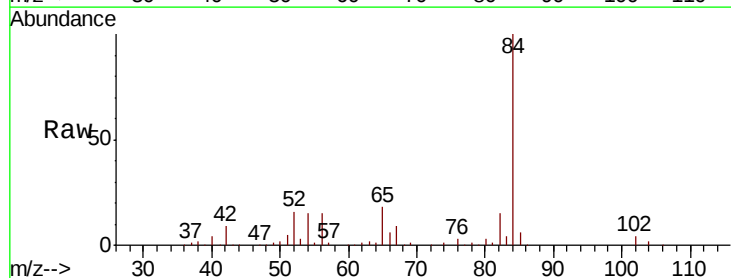
Acq: 12 Nov 2020 18:33

Tgt Ion: 62 Resp: 1946

Ion Ratio Lower Upper

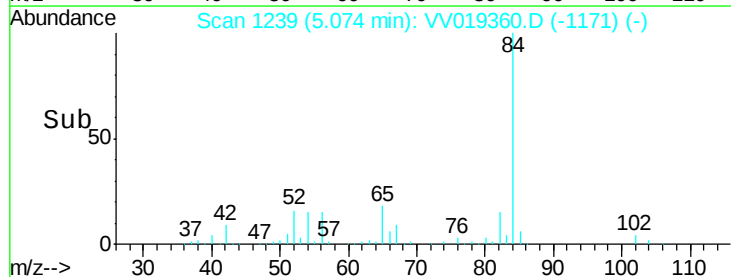
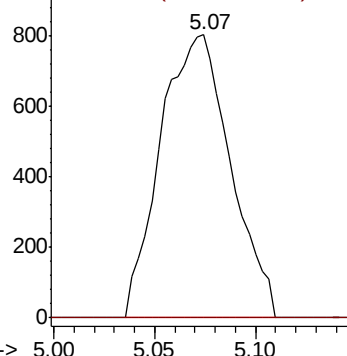
62 100

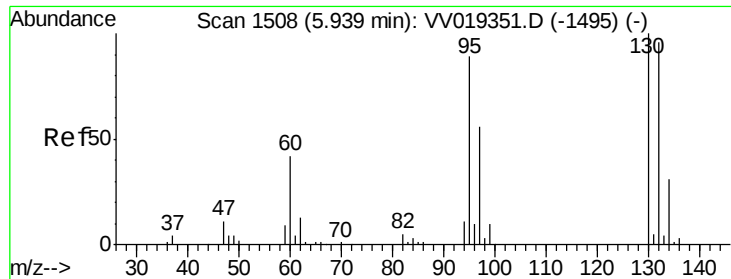
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 0.753 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

BG4E8ME

Tot Ion: 95 Resp: 1259

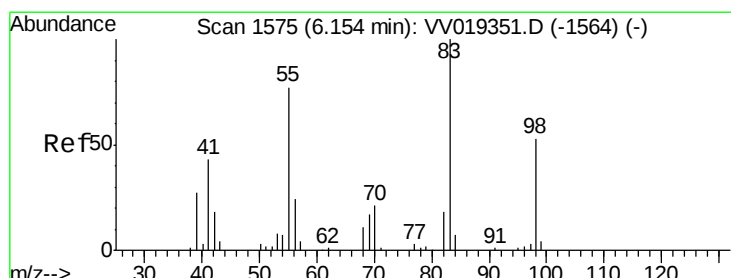
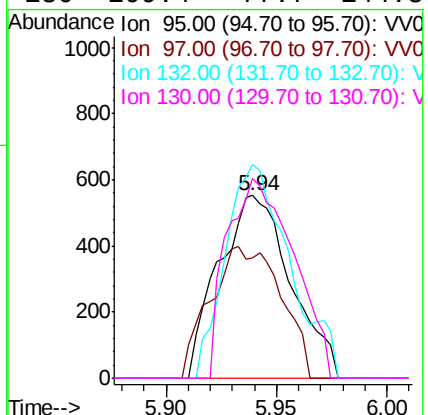
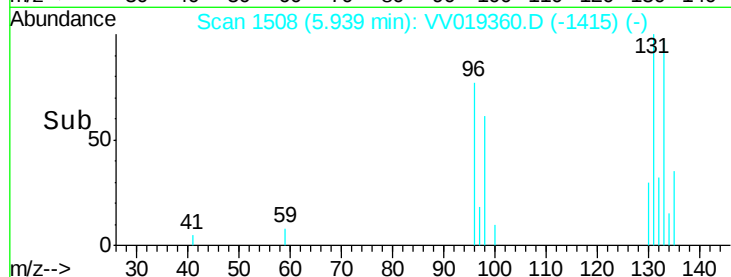
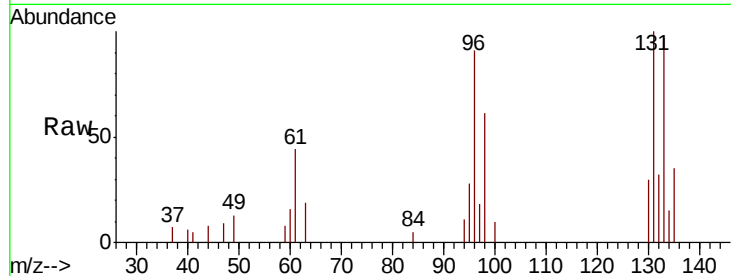
Ion Ratio Lower Upper

95 100

97 65.8 46.8 86.8

132 116.8 75.5 140.3

130 109.4 77.7 144.3



#35

Methylcyclohexane

Concen: 10.678 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

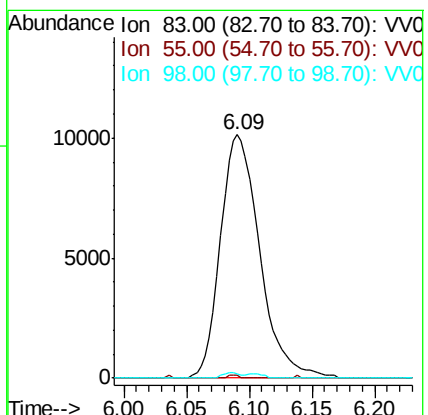
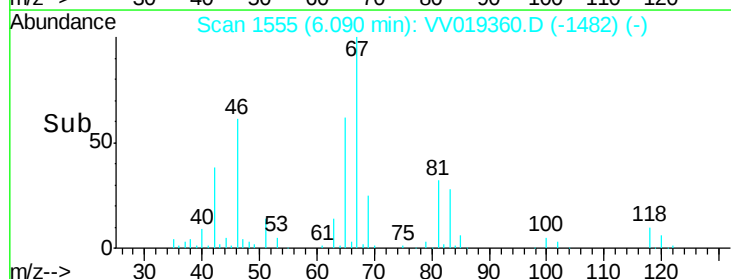
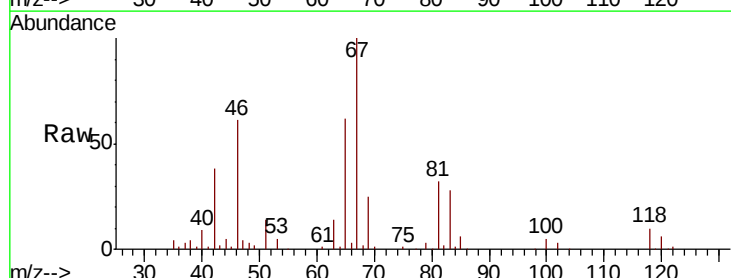
Tgt Ion: 83 Resp: 22067

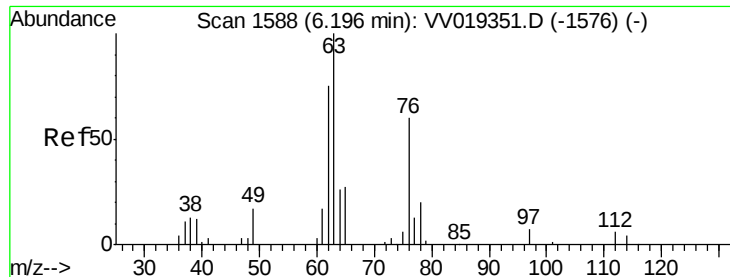
Ion Ratio Lower Upper

83 100

55 0.3 58.6 88.0#

98 0.9 41.4 62.0#

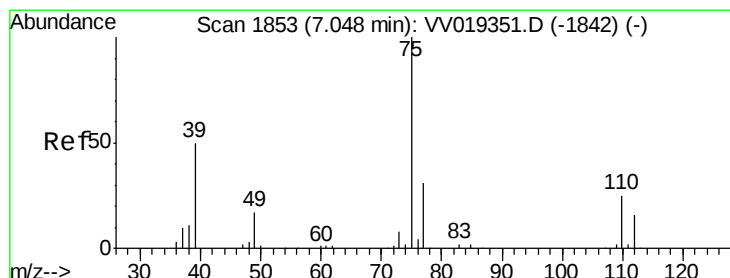
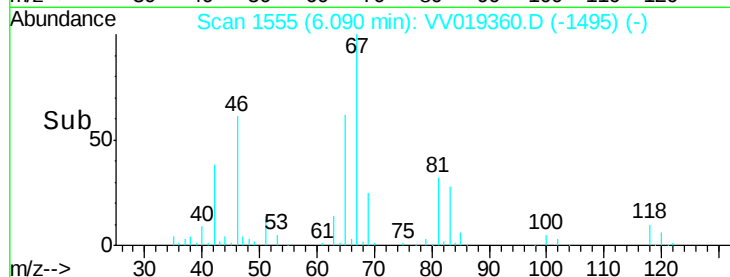
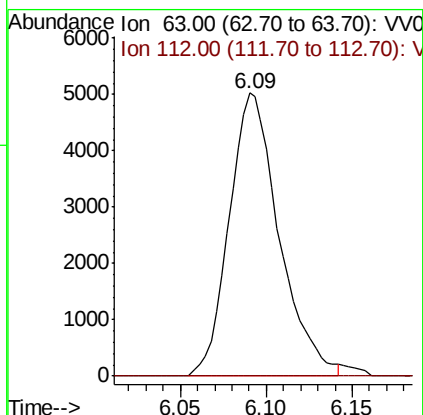
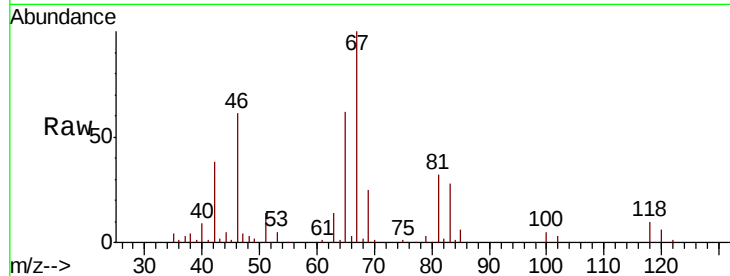




#37
 1,2-Dichloropropane
 Concen: 7.515 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV019360.D
 Acq: 12 Nov 2020 18:33

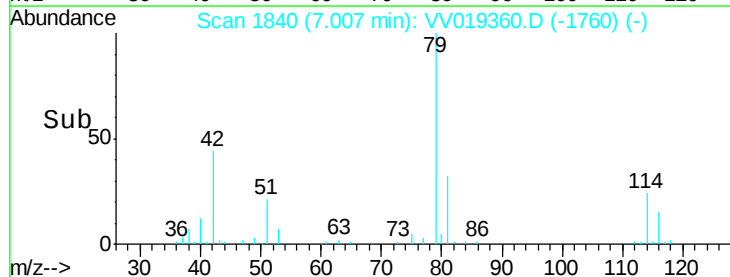
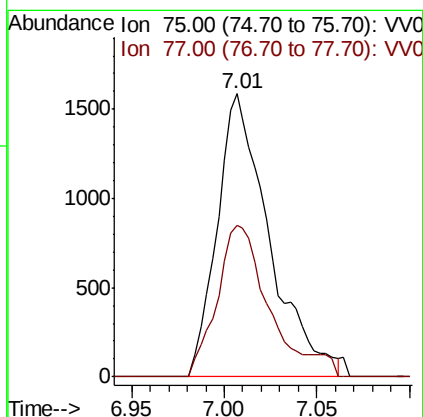
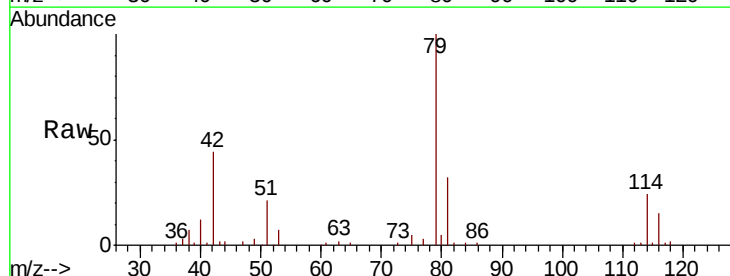
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E8ME

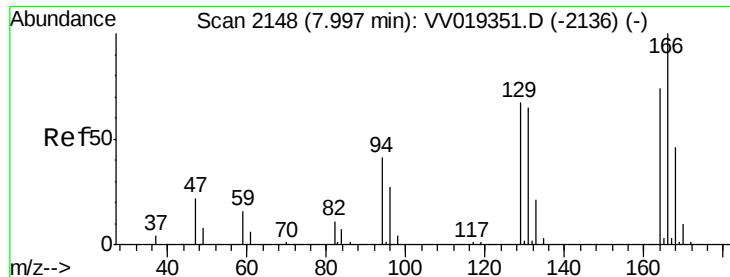
Tot Ion: 63 Resp: 10127
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.338 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019360.D
 Acq: 12 Nov 2020 18:33

Tgt Ion: 75 Resp: 3091
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.7 42.1#





#46

Tetrachloroethene

Concen: 5.760 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

BG4E8ME

Tot Ion:164 Resp: 8484

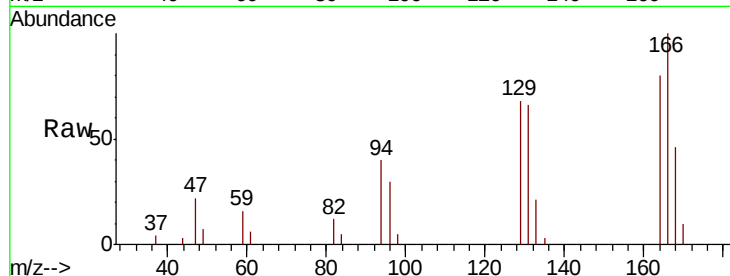
Ion Ratio Lower Upper

164 100

129 84.9 60.9 113.1

131 82.6 58.9 109.5

166 125.2 91.4 169.8

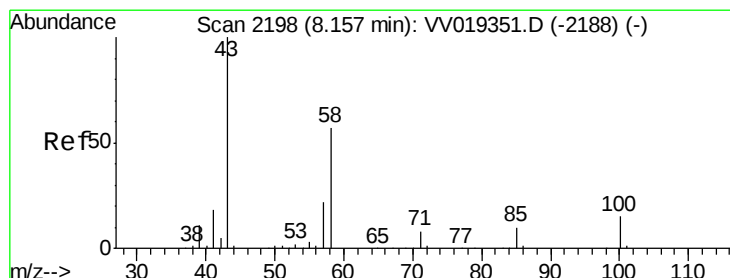
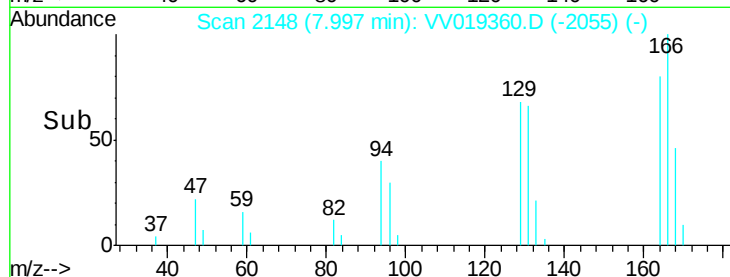
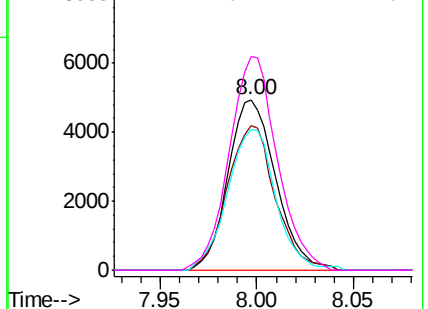


Abundance Ion 164.00 (163.70 to 164.70): V

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: 8.955 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Tgt Ion: 43 Resp: 11933

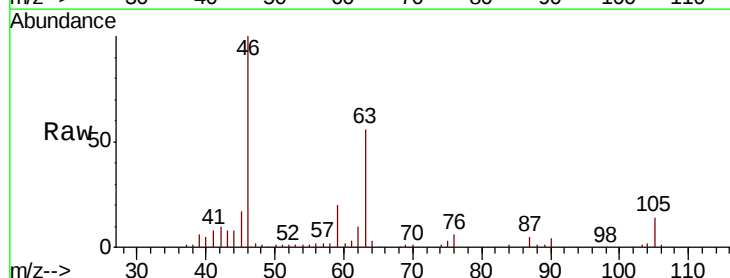
Ion Ratio Lower Upper

43 100

58 3.3 43.6 65.4#

57 3.3 17.2 25.8#

100 0.4 11.9 17.9#

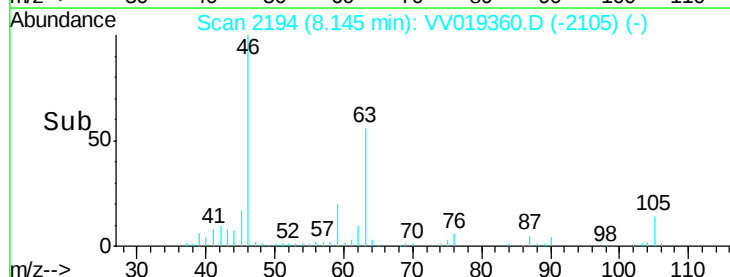
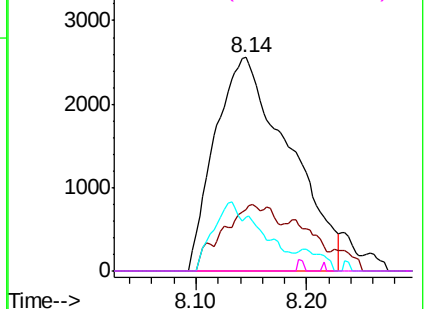


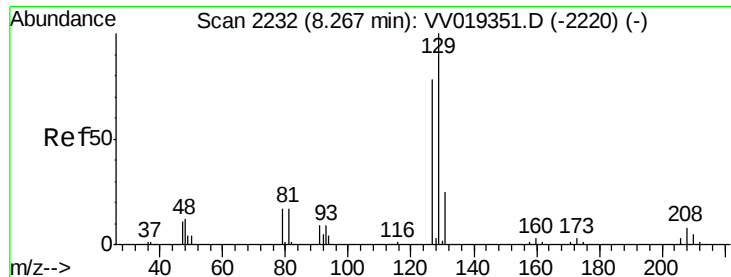
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 3.760 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Instrument :

MSVOA_V

ClientSampleId :

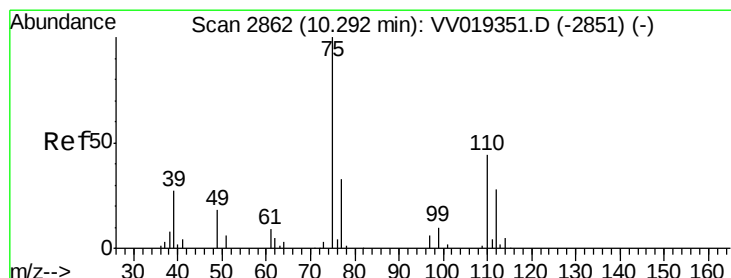
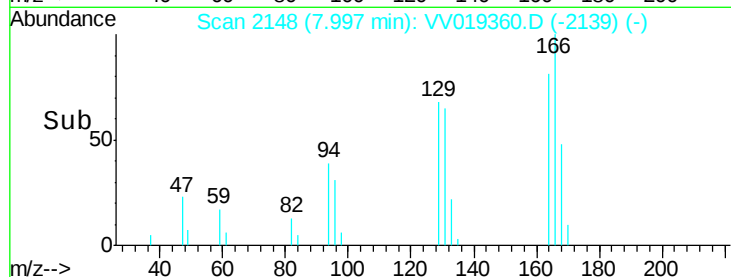
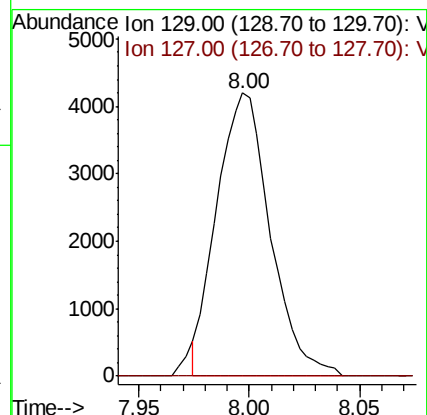
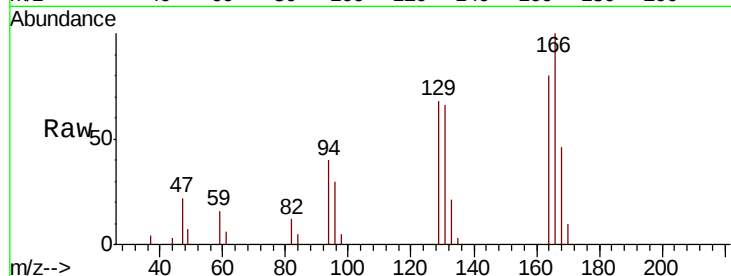
BG4E8ME

Tot Ion:129 Resp: 7053

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#59

1,2,3-Trichloropropane

Concen: 5.993 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019360.D

Acq: 12 Nov 2020 18:33

Tgt Ion: 75 Resp: 11029

Ion Ratio Lower Upper

75 100

77 38.3 25.0 37.4#

