

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019184.D
 Acq On : 30 Oct 2020 15:04
 Operator : SY/MD
 Sample : L4502-18MEDL 20X
 Misc : 6.04g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441MEDL

Quant Time: Oct 31 03:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	240487	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81413	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	67137	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.12	63	125452	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	3.91	46	109935	93.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.92%
24) Chloroform-d	4.38	84	163386	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.05	65	121655	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.07	84	316756	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	6.09	67	96844	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.34	98	293075	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.64	79	50740	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.78%
47) 2-Hexanone-d5	8.11	63	77982	91.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.15%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	120508	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	125408	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%

Target Compounds

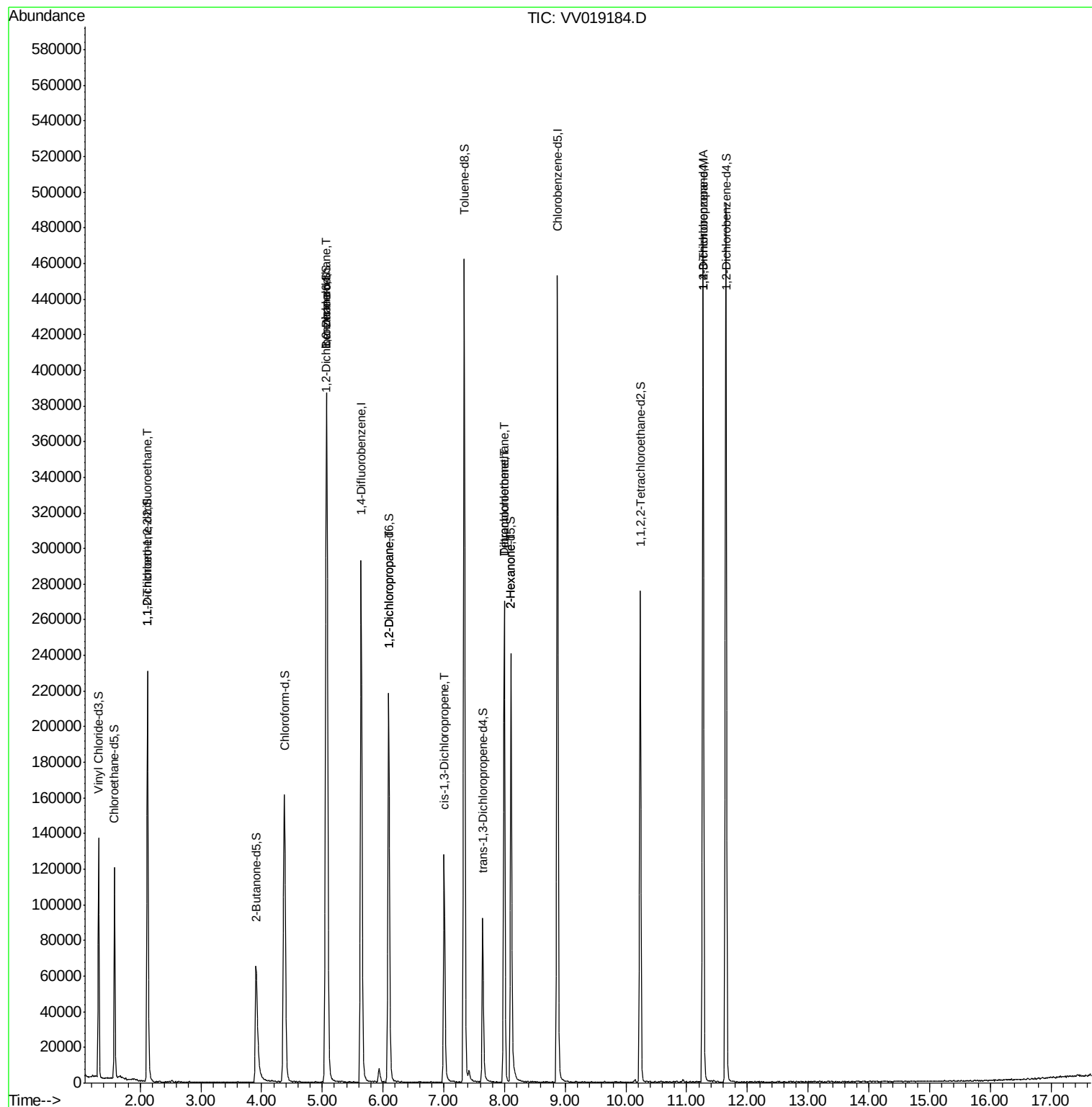
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1132	0.719	ug/L #	17
27) 1,2-Dichloroethane	5.07	62	2175	0.766	ug/L #	76
37) 1,2-Dichloropropane	6.09	63	12345	7.382	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3690	1.336	ug/L #	72
46) Tetrachloroethene	8.00	164	60284	38.269	ug/L	99
48) 2-Hexanone	8.11	43	10327	5.632	ug/L #	69
49) Dibromochloromethane	8.00	129	53955	26.568	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	12397	5.670	ug/L #	81

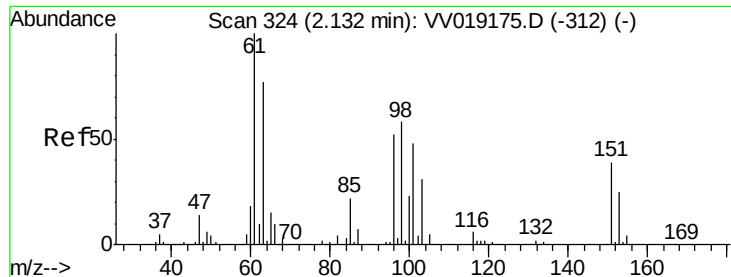
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration





#10

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

Concen: 0.719 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019184.D

Acq: 30 Oct 2020 15:04

Instrument :

MSVOA_V

ClientSampleId :

BG441MEDL

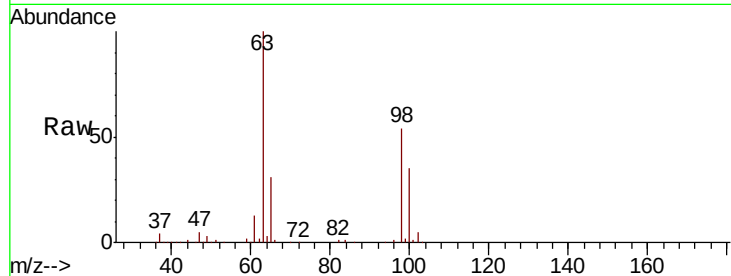
Tot Ion:101 Resp: 1132

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

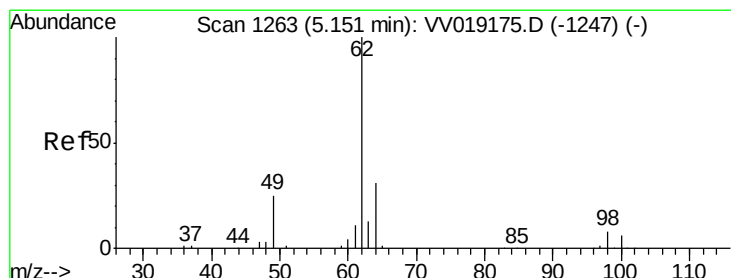
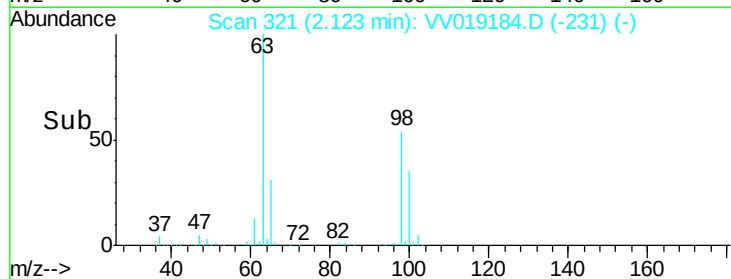
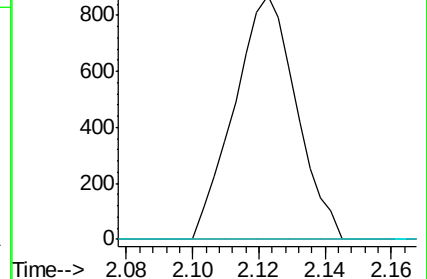
151 0.0 65.0 97.4#



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: 0.766 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV019184.D

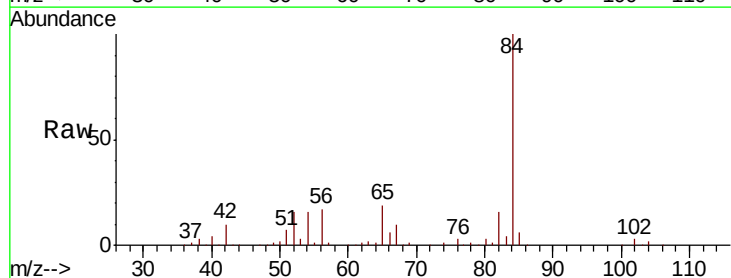
Acq: 30 Oct 2020 15:04

Tgt Ion: 62 Resp: 2175

Ion Ratio Lower Upper

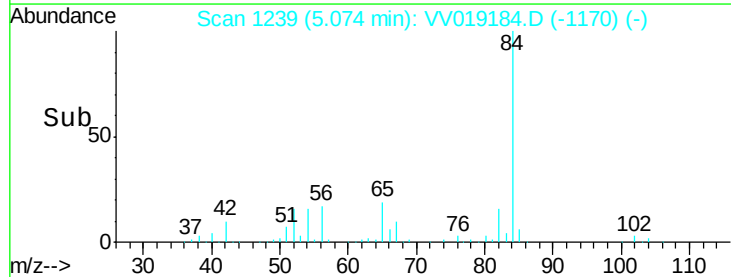
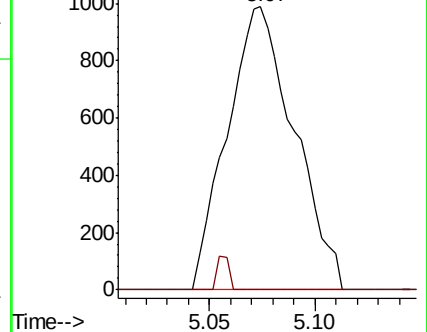
62 100

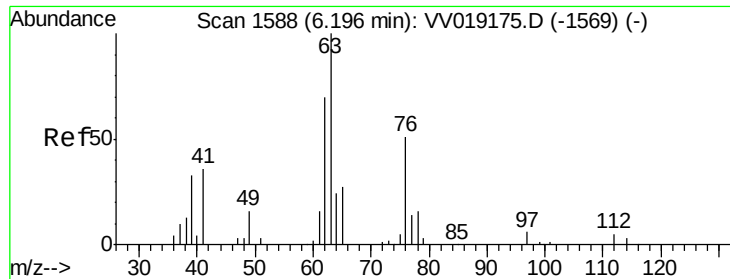
98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

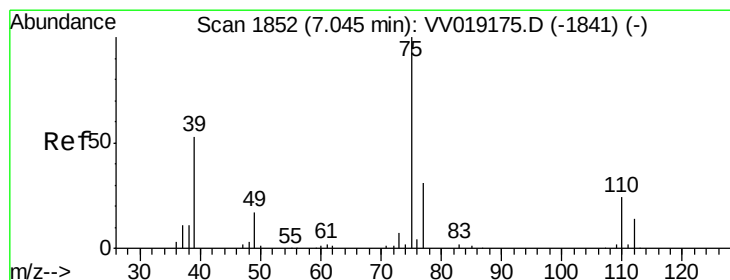
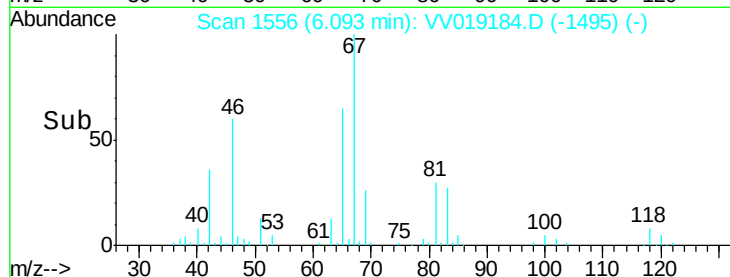
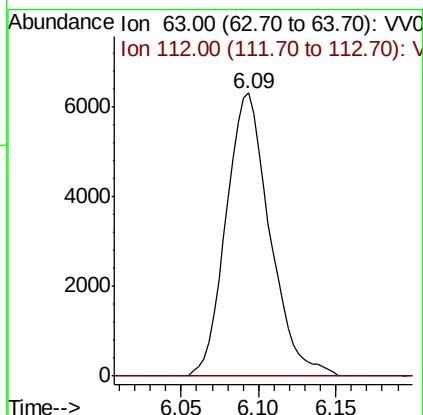
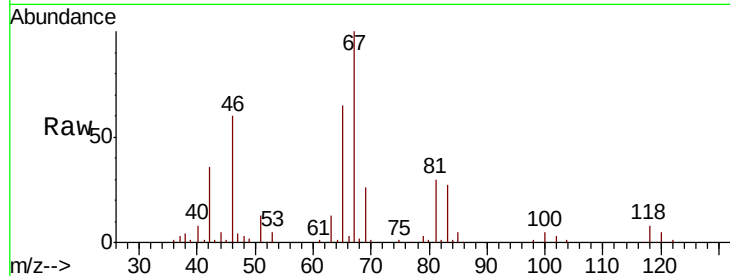




#37
 1,2-Dichloropropane
 Concen: 7.382 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019184.D
 Acq: 30 Oct 2020 15:04

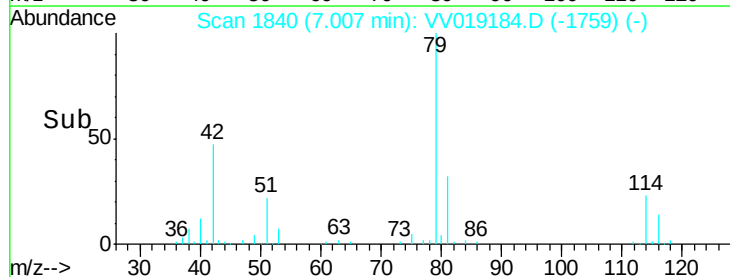
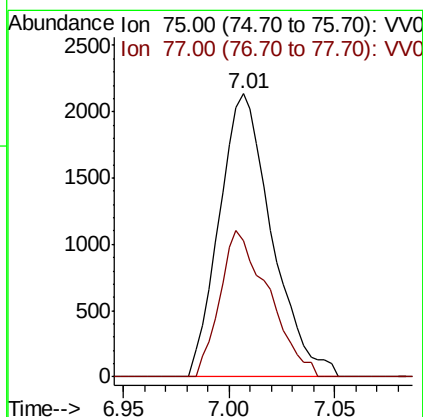
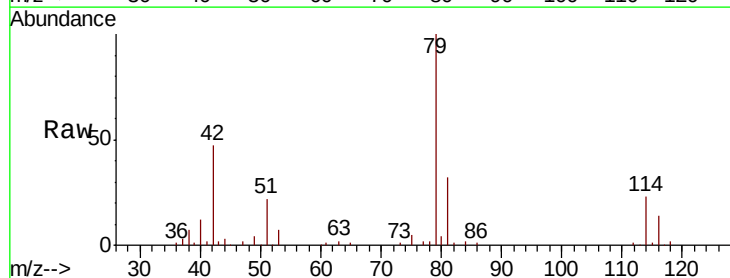
Instrument :
 MSVOA_V
 ClientSampled :
 BG441MEDL

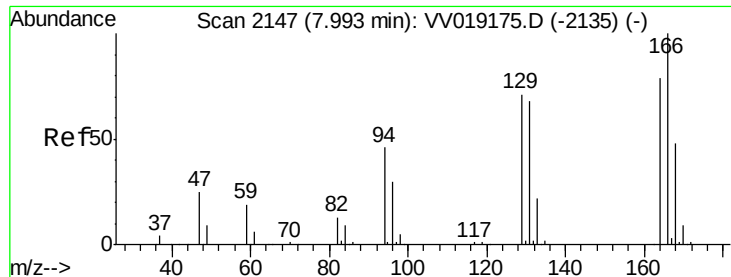
Tot Ion: 63 Resp: 12345
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.336 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019184.D
 Acq: 30 Oct 2020 15:04

Tgt Ion: 75 Resp: 3690
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.7 42.1#





#46

Tetrachloroethene

Concen: 38.269 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019184.D

Acq: 30 Oct 2020 15:04

Instrument :
MSVOA_V
ClientSampleId :
BG441MEDL

Tot Ion:164 Resp: 60284

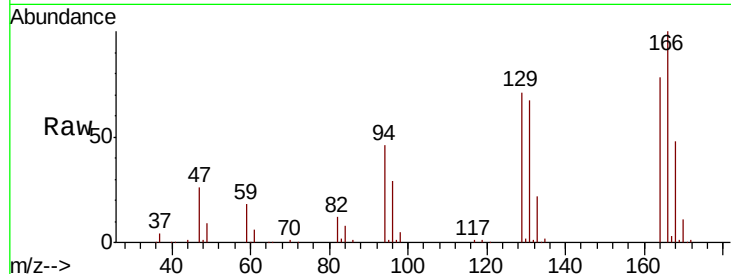
Ion Ratio Lower Upper

164 100

129 90.7 63.2 117.4

131 85.3 60.3 112.1

166 128.1 88.3 163.9

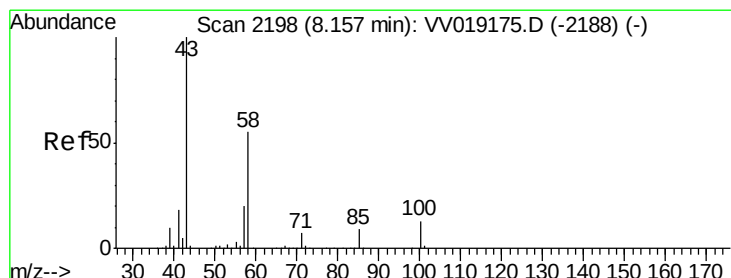
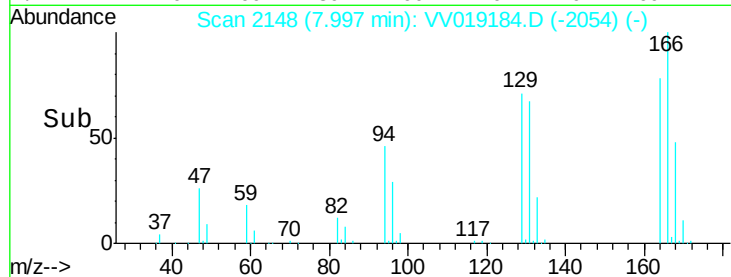
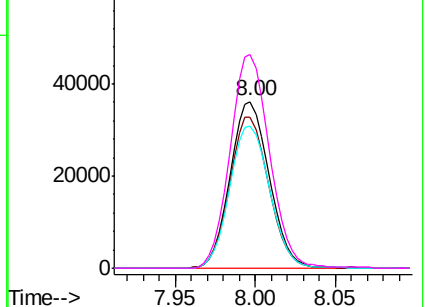


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.632 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV019184.D

Acq: 30 Oct 2020 15:04

Tgt Ion: 43 Resp: 10327

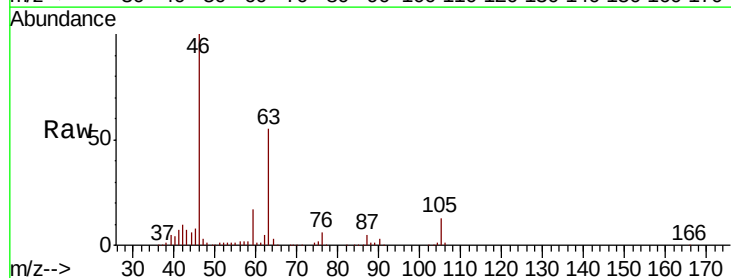
Ion Ratio Lower Upper

43 100

58 27.5 43.6 65.4#

57 26.6 16.0 24.0#

100 0.0 10.3 15.5#

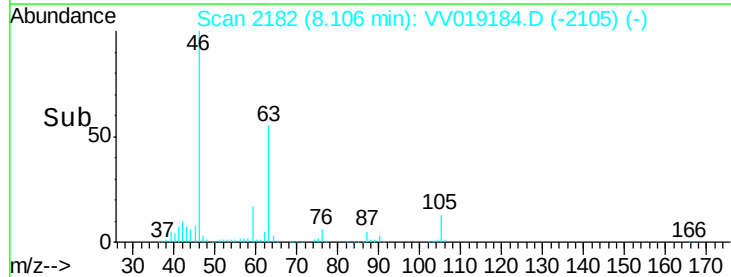
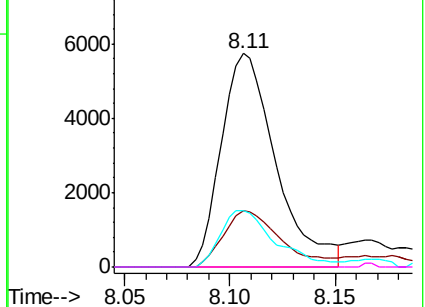


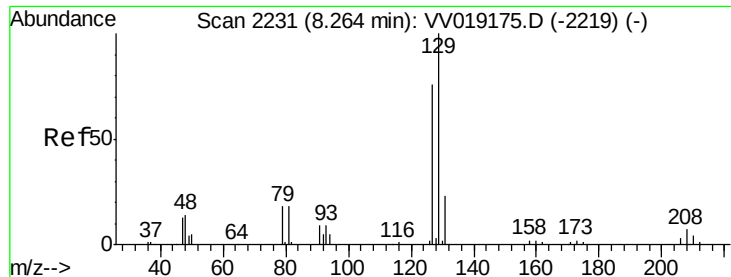
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 26.568 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019184.D

Acq: 30 Oct 2020 15:04

Instrument :

MSVOA_V

ClientSampleId :

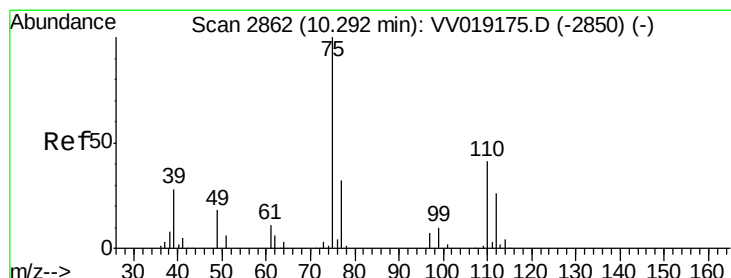
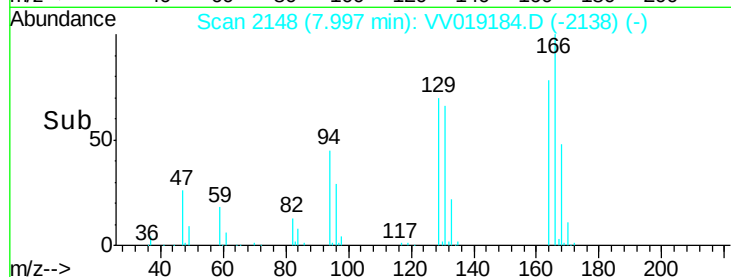
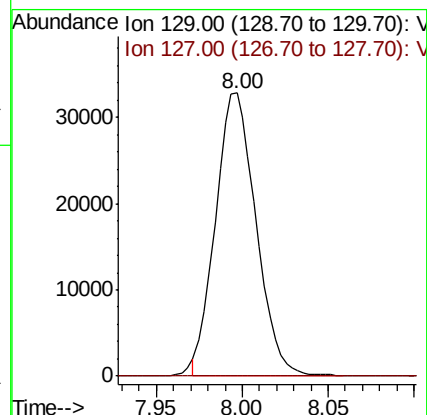
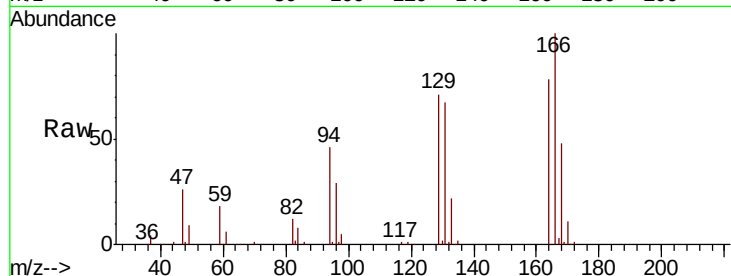
BG441MEDL

Tot Ion:129 Resp: 53955

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#59

1,2,3-Trichloropropane

Concen: 5.670 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019184.D

Acq: 30 Oct 2020 15:04

Tgt Ion: 75 Resp: 12397

Ion Ratio Lower Upper

75 100

77 43.3 26.2 39.4#

