

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019188.D
 Acq On : 30 Oct 2020 16:39
 Operator : SY/MD
 Sample : L4502-19ME 4X
 Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442ME

Quant Time: Oct 31 03:04:45 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	233954	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	227314	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79466	42.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.48%
7) Chloroethane-d5	1.58	69	64925	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.90%
11) 1,1-Dichloroethene-d2	2.12	63	121952	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	3.91	46	108046	94.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	4.37	84	158922	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.05	65	117614	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.07	84	306882	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.09	67	93065	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.34	98	280771	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.64	79	51010	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
47) 2-Hexanone-d5	8.11	63	82235	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121019	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	124847	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%

Target Compounds

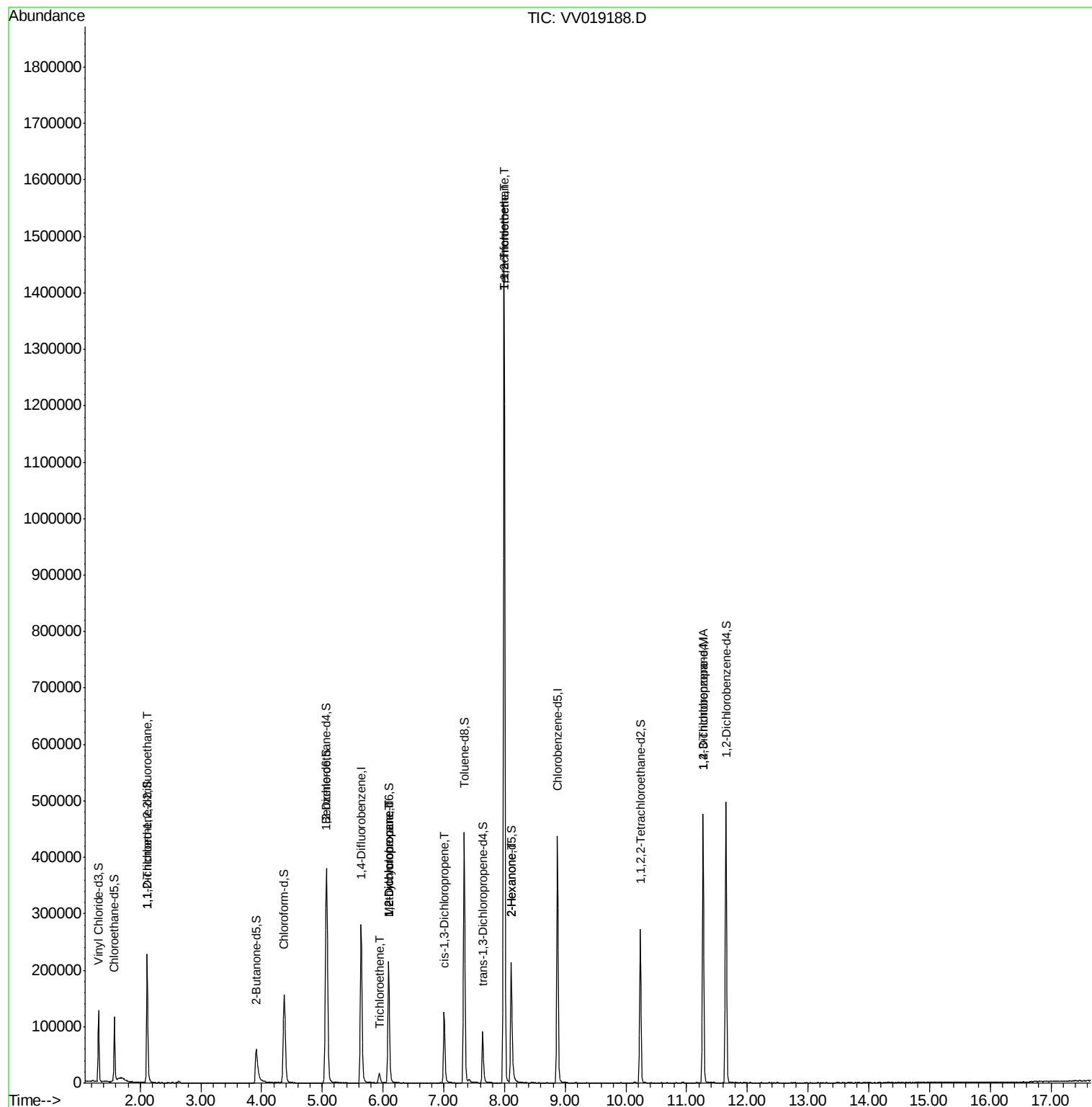
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1040	0.679 ug/L #	17
34) Trichloroethene	5.94	95	4539	2.528 ug/L	96
35) Methylcyclohexane	6.09	83	24167	9.970 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12286	7.548 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	3539	1.316 ug/L #	69
45) 1,1,2-Trichloroethane	7.99	97	3203	1.962 ug/L #	23
46) Tetrachloroethene	8.00	164	347362	226.569 ug/L	98
48) 2-Hexanone	8.11	43	11123	6.233 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	13255	6.230 ug/L	92

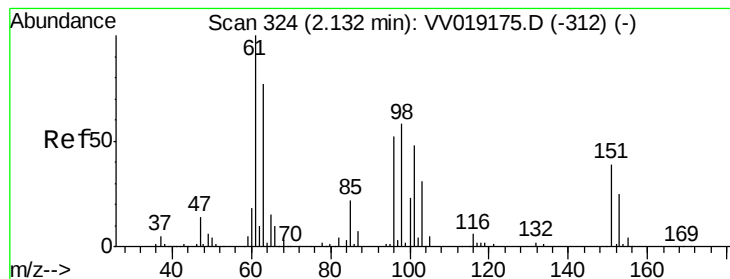
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 30 Oct 2020 16:39
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Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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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: 0.679 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

BG442ME

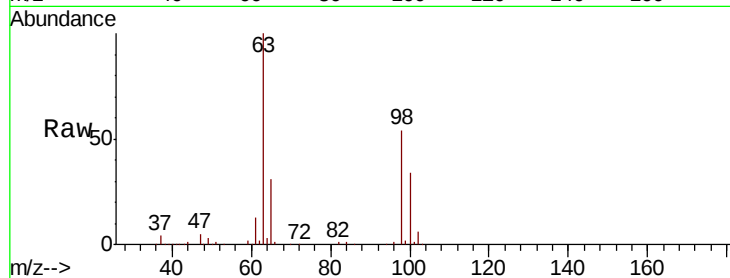
Tot Ion:101 Resp: 1040

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

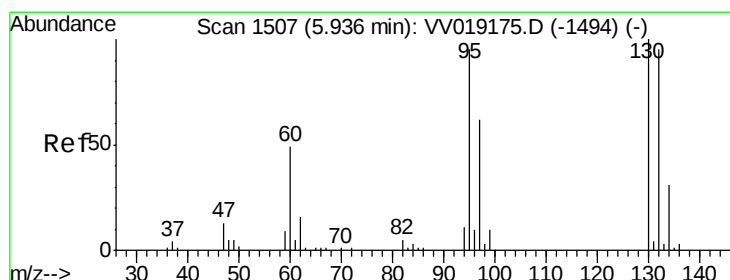
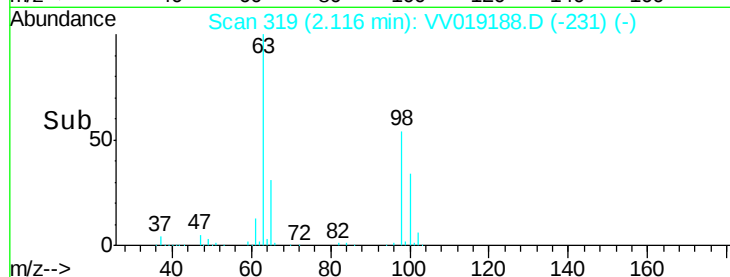
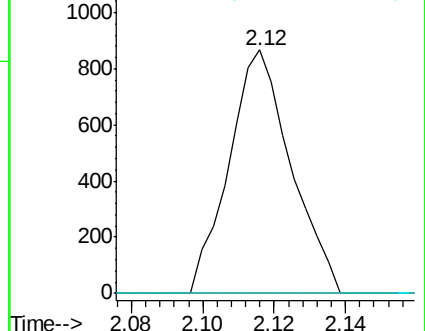
151 0.0 65.0 97.4#



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



#34

Trichloroethene

Concen: 2.528 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Tgt Ion: 95 Resp: 4539

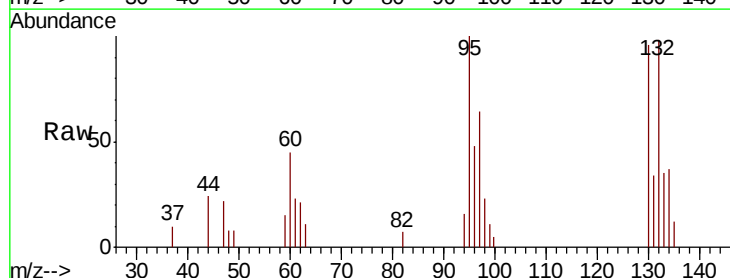
Ion Ratio Lower Upper

95 100

97 63.8 43.4 80.6

132 98.2 69.7 129.4

130 95.9 72.4 134.5

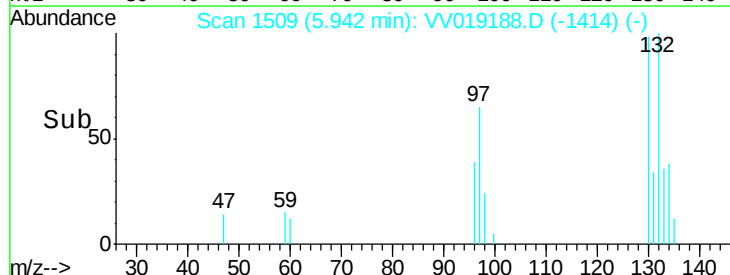
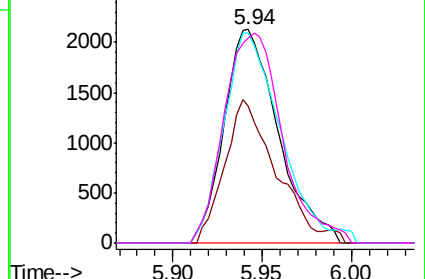


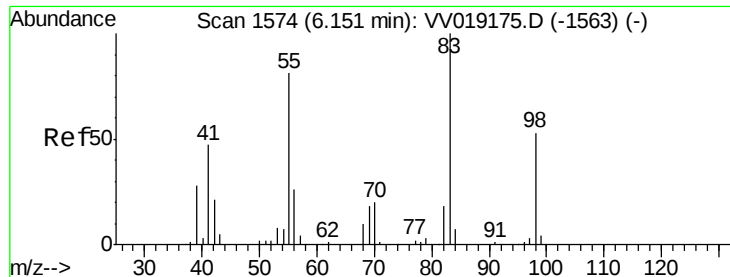
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

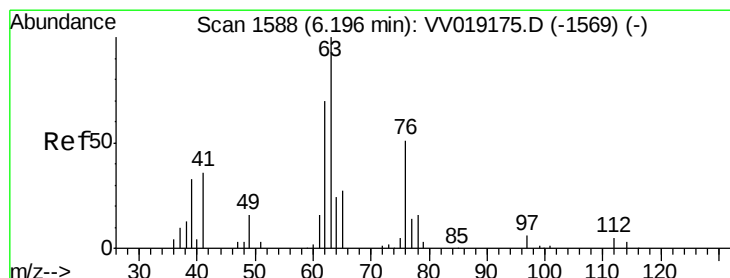
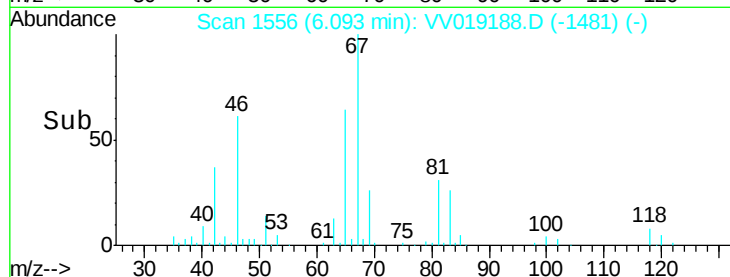
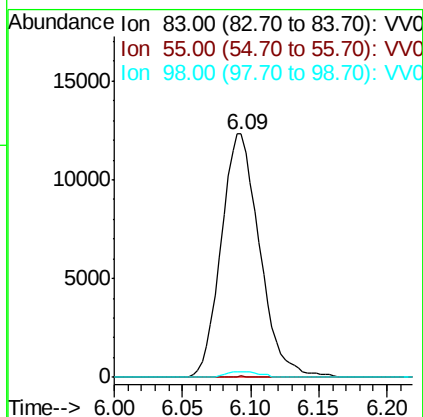
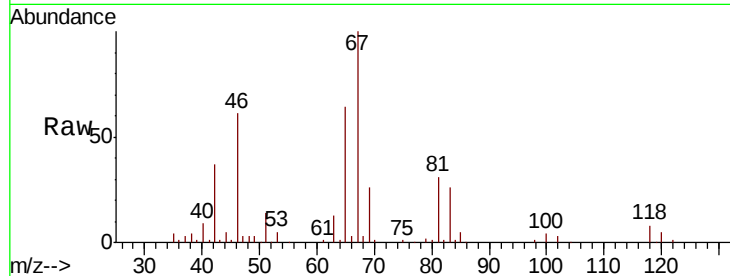




#35
Methvlcvclohexane
Concen: 9.970 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019188.D
Acq: 30 Oct 2020 16:39

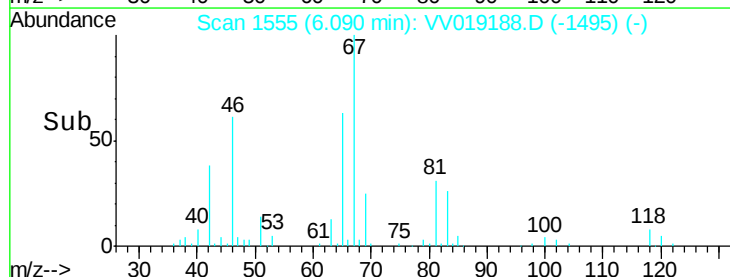
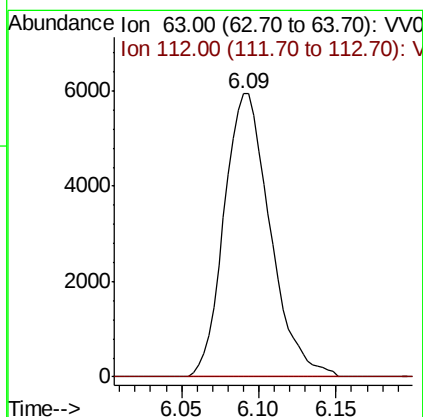
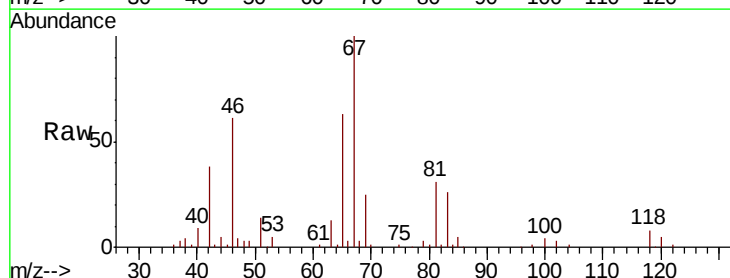
Instrument :
MSVOA_V
ClientSampleId :
BG442ME

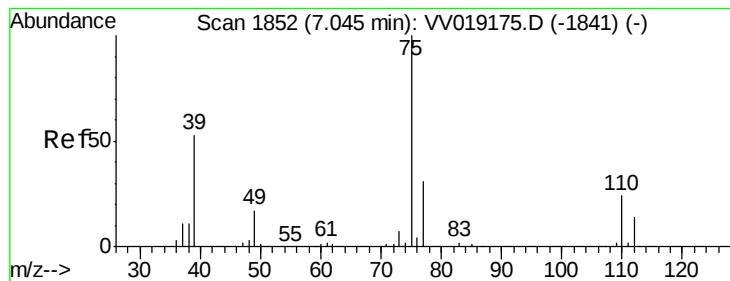
Tot Ion: 83 Resp: 24167
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 2.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 7.548 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019188.D
Acq: 30 Oct 2020 16:39

Tgt Ion: 63 Resp: 12286
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 1.316 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

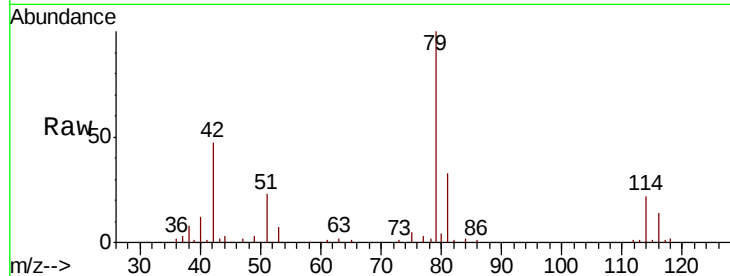
BG442ME

Tot Ion: 75 Resp: 3539

Ion Ratio Lower Upper

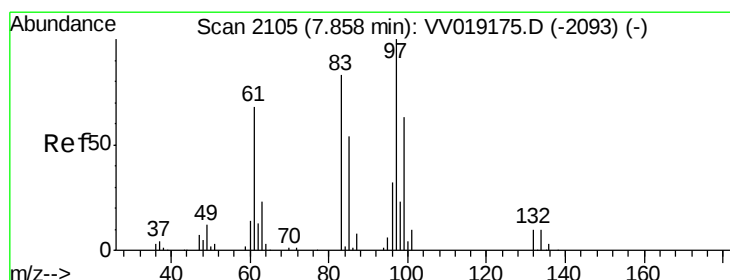
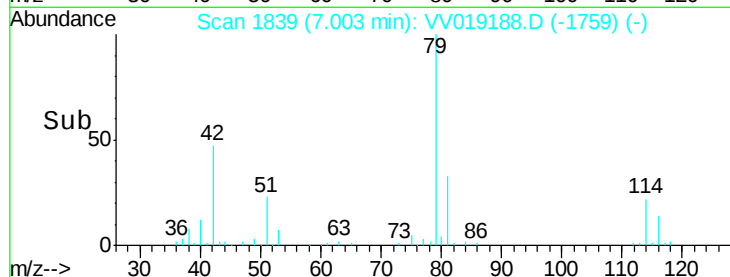
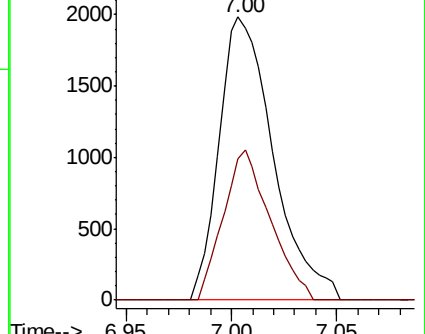
75 100

77 49.9 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#45

1,1,2-Trichloroethane

Concen: 1.962 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Tgt Ion: 97 Resp: 3203

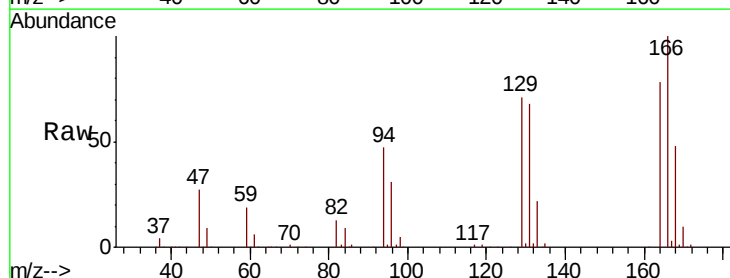
Ion Ratio Lower Upper

97 100

99 21.1 43.1 80.1#

83 197.4 58.3 108.3#

85 33.9 37.8 70.2#

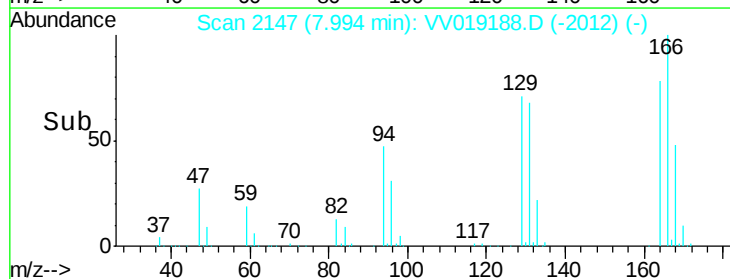
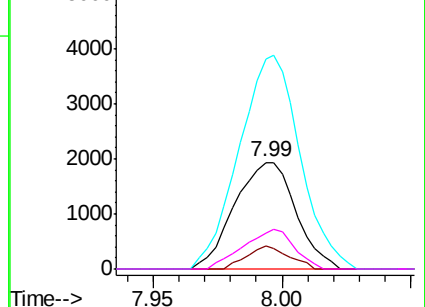


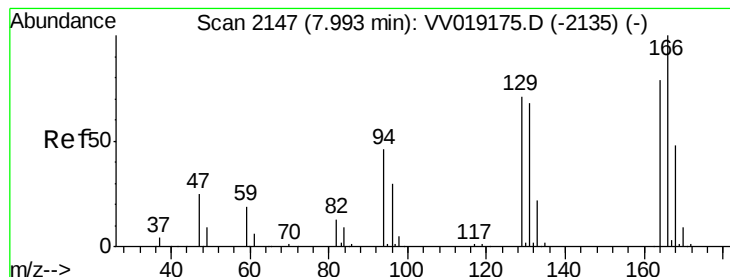
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 226.569 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

BG442ME

Tot Ion:164 Resp: 347362

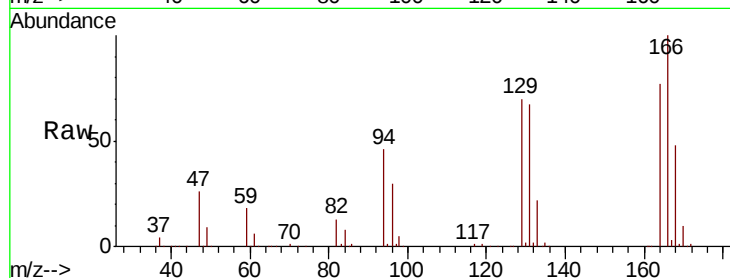
Ion Ratio Lower Upper

164 100

129 90.5 63.2 117.4

131 87.4 60.3 112.1

166 129.4 88.3 163.9

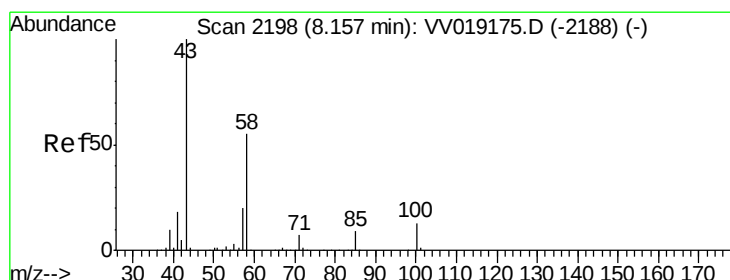
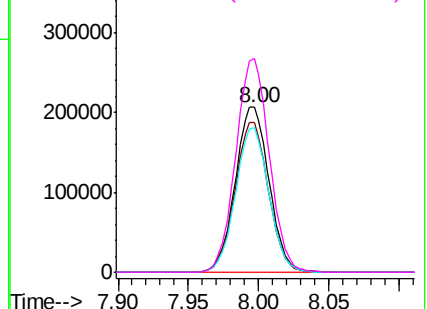
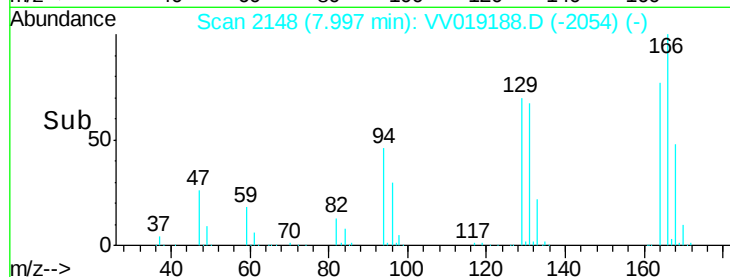


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.233 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Tgt Ion: 43 Resp: 11123

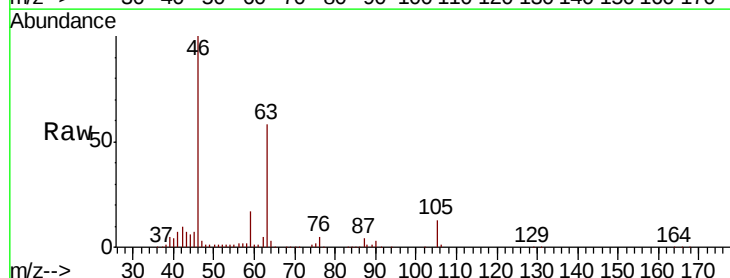
Ion Ratio Lower Upper

43 100

58 26.0 43.6 65.4#

57 23.9 16.0 24.0

100 0.0 10.3 15.5#

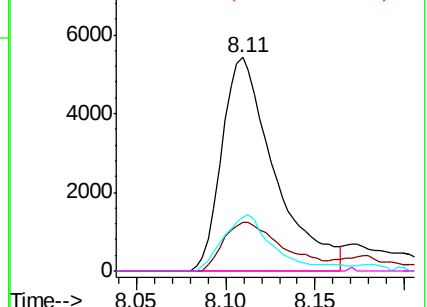
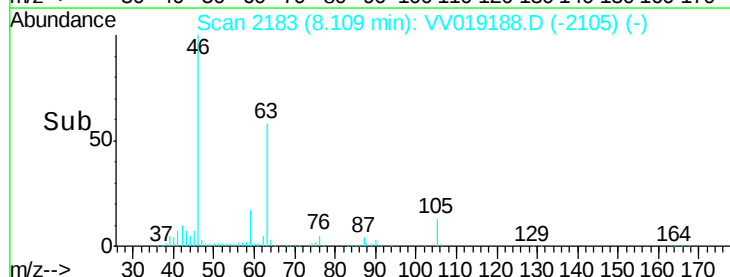


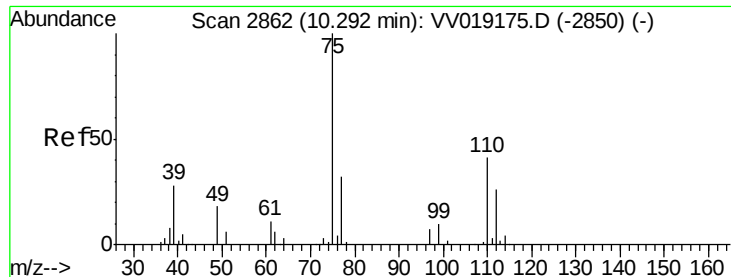
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.230 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019188.D

Acq: 30 Oct 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

BG442ME

Tot Ion: 75 Resp: 13255

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.4

