

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019370.D
 Acq On : 13 Nov 2020 11:17
 Operator : SY/MD
 Sample : L4693-15MEDL 5X
 Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E1MEDL

Quant Time: Nov 16 15:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220747	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78064	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.82%
7) Chloroethane-d5	1.58	69	66352	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.14%
11) 1,1-Dichloroethene-d2	2.12	63	126627	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	3.91	46	80738	94.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.09%
24) Chloroform-d	4.37	84	147591	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
26) 1,2-Dichloroethane-d4	5.05	65	104523	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.07	84	271645	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.09	67	78391	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.33	98	257814	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.64	79	46051	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.11	63	54871	92.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	98973	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	123130	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

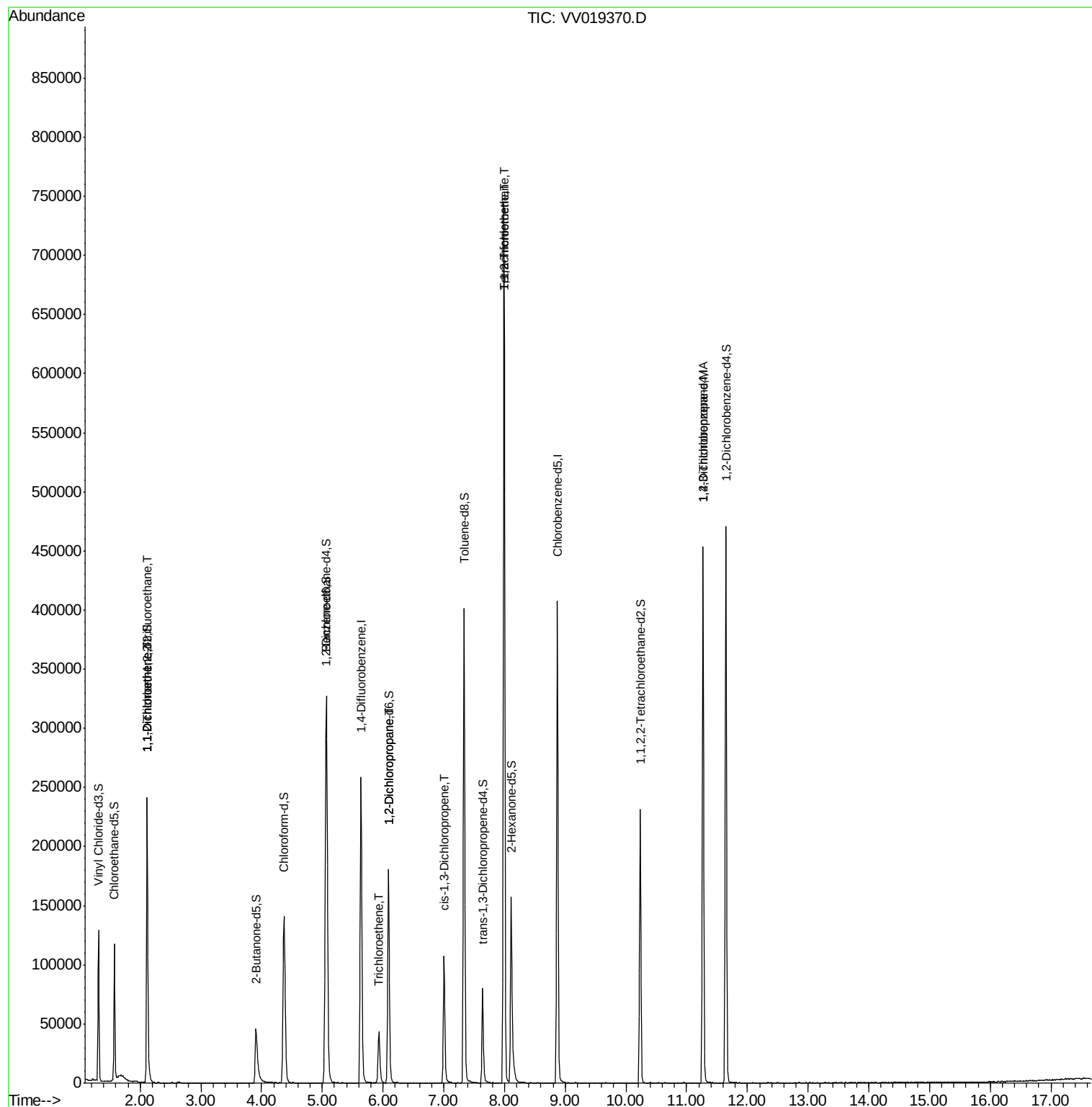
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1073	0.736 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1272	0.855 ug/L #	1
34) Trichloroethene	5.94	95	10996	6.567 ug/L	93
37) 1,2-Dichloropropane	6.09	63	9742	7.220 ug/L #	83
39) cis-1,3-Dichloropropene	7.00	75	3055	1.321 ug/L #	78
45) 1,1,2-Trichloroethane	7.99	97	1152	0.787 ug/L #	1
46) Tetrachloroethene	7.99	164	170815	115.808 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	10882	5.905 ug/L	92

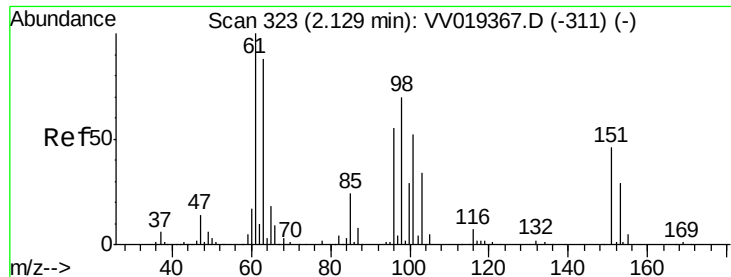
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

BG4E1MEDL

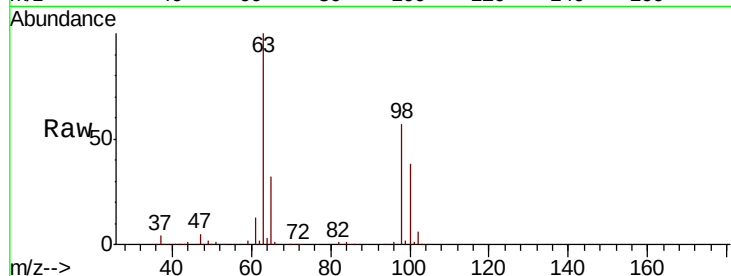
Tot Ion:101 Resp: 1073

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

800

600

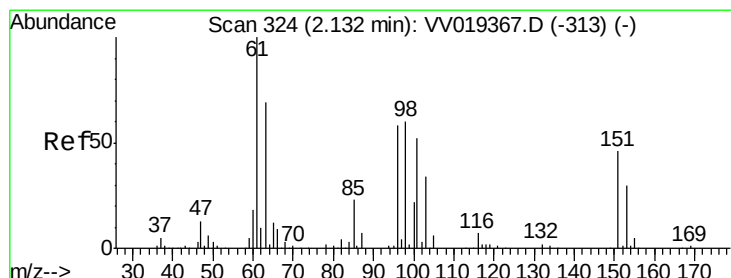
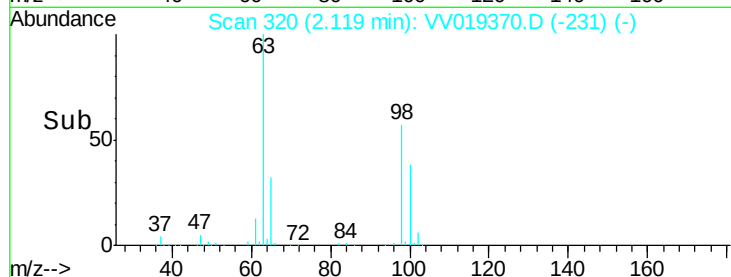
400

200

0

2.08 2.10 2.12 2.14

Time-->



#12

1,1-Dichloroethene

Concen: 0.855 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

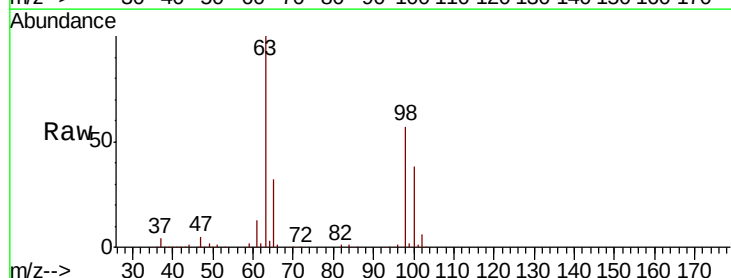
Tgt Ion: 96 Resp: 1272

Ion Ratio Lower Upper

96 100

61 1349.2 121.0 224.8#

63 10175.9 86.2 160.0#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

120000

100000

80000

60000

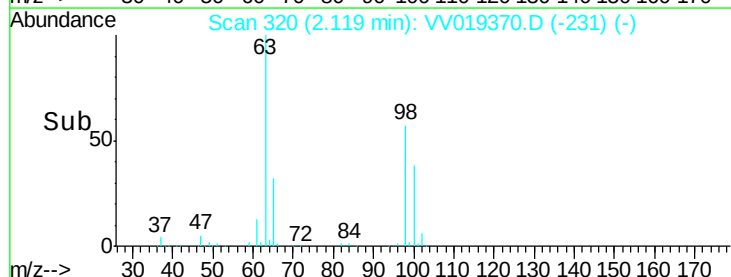
40000

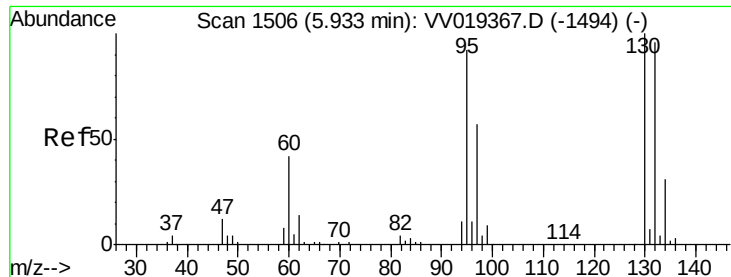
20000

0

2.08 2.10 2.12 2.14

Time-->





#34

Trichloroethene

Concen: 6.567 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

BG4E1MEDL

Tot Ion: 95 Resp: 10996

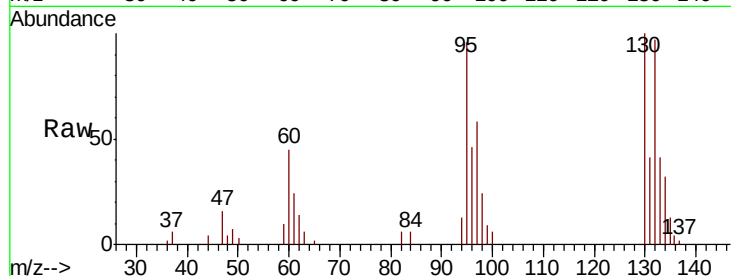
Ion Ratio Lower Upper

95 100

97 59.9 46.8 86.8

132 100.4 75.5 140.3

130 103.7 77.7 144.3

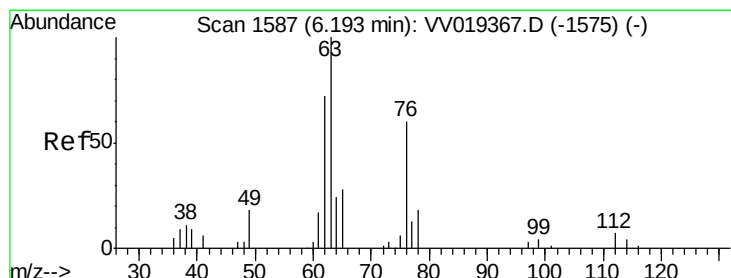
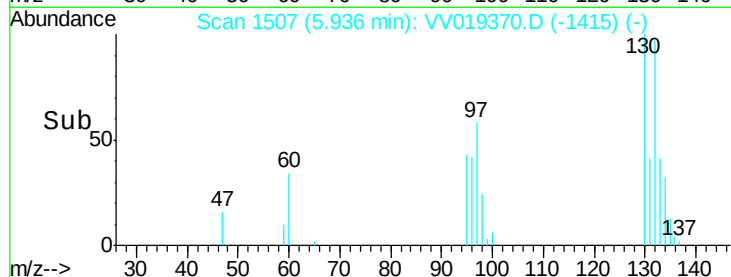
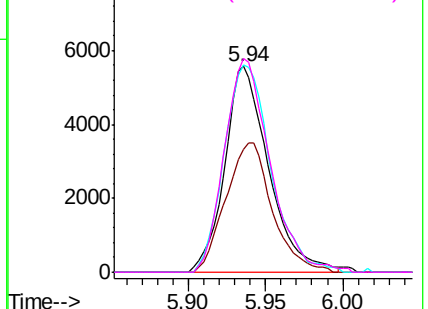


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#37

1,2-Dichloropropane

Concen: 7.220 ug/L

RT: 6.09 min Scan# 1554

Delta R.T. -0.11 min

Lab File: VV019370.D

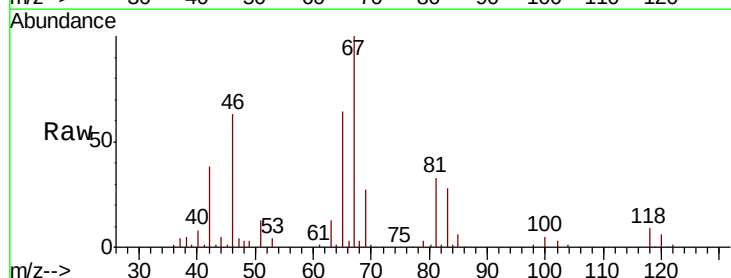
Acq: 13 Nov 2020 11:17

Tgt Ion: 63 Resp: 9742

Ion Ratio Lower Upper

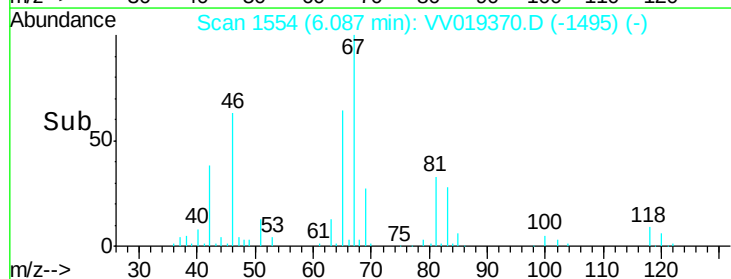
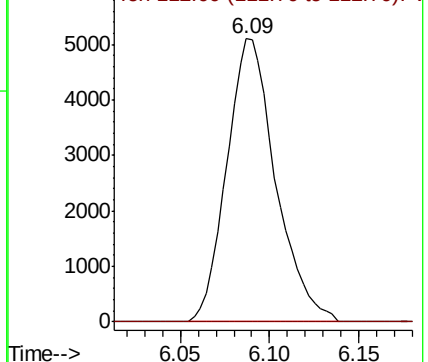
63 100

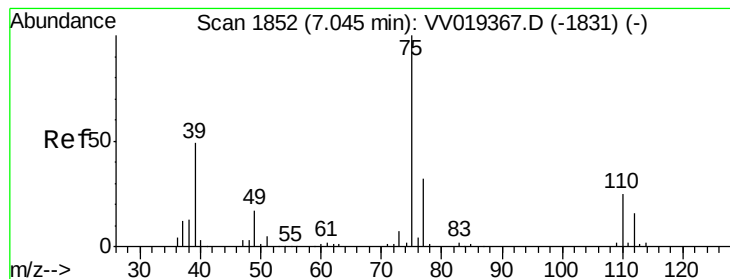
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.321 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

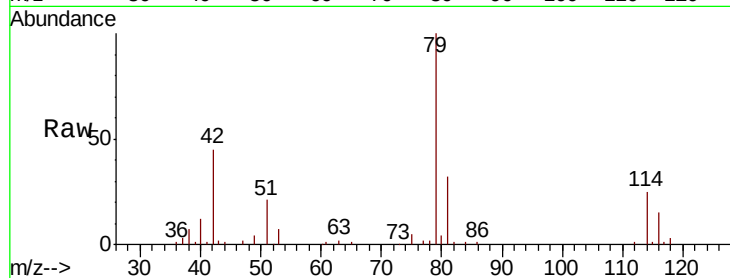
BG4E1MEDL

Tot Ion: 75 Resp: 3055

Ion Ratio Lower Upper

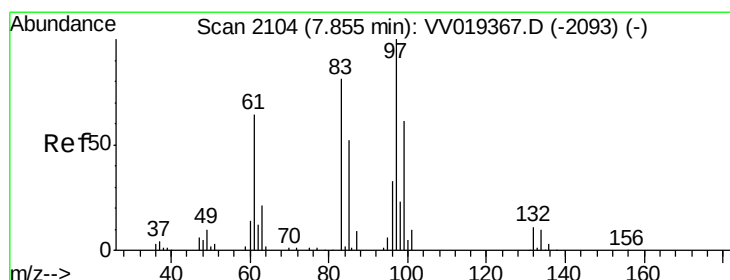
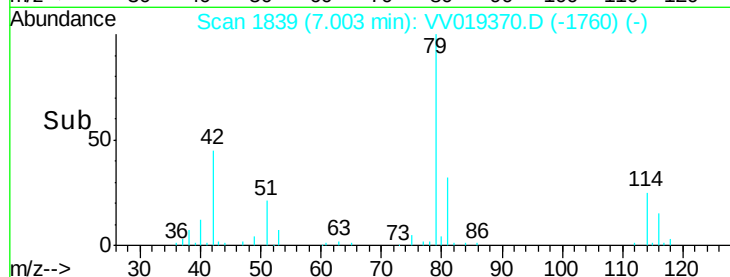
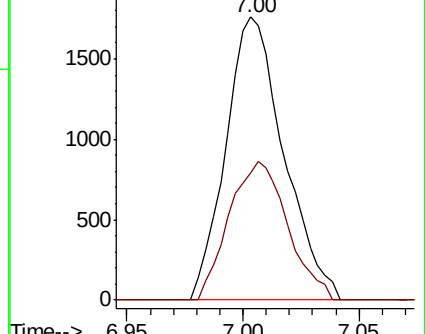
75 100

77 45.0 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019370.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV019370.D (-1760) (-)



#45

1,1,2-Trichloroethane

Concen: 0.787 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

Tgt Ion: 97 Resp: 1152

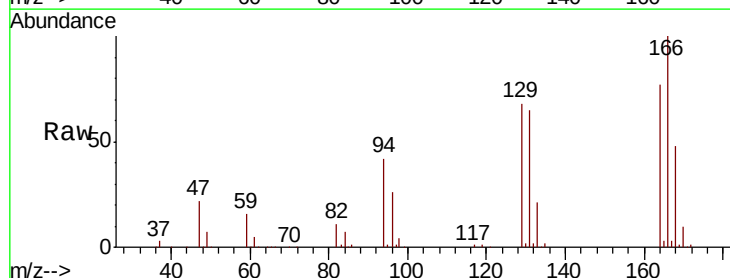
Ion Ratio Lower Upper

97 100

99 22.8 42.5 78.9#

83 257.6 58.1 107.9#

85 38.0 37.2 69.0

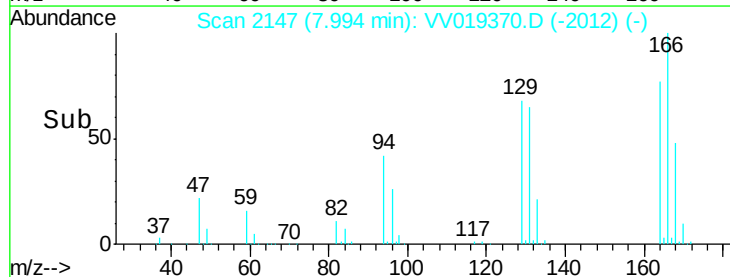
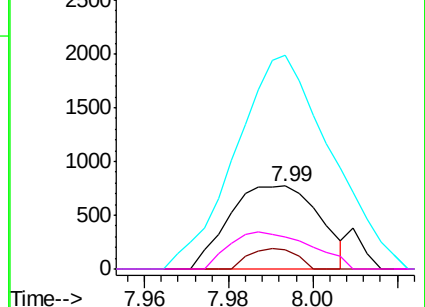


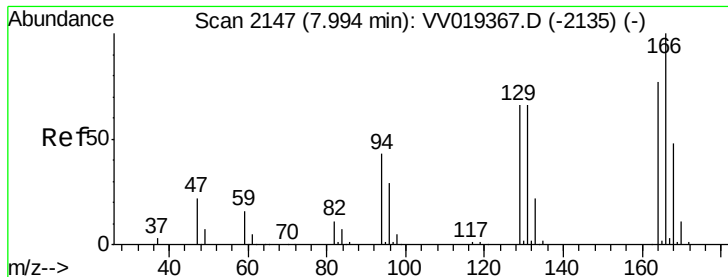
Abundance Ion 97.00 (96.70 to 97.70): VV019370.D (-2102) (-)

Ion 99.00 (98.70 to 99.70): VV019370.D (-2102) (-)

Ion 83.00 (82.70 to 83.70): VV019370.D (-2102) (-)

Ion 85.00 (84.70 to 85.70): VV019370.D (-2102) (-)





#46

Tetrachloroethene

Concen: 115.808 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019370.D

Acq: 13 Nov 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
BG4E1MEDL

Tot Ion:164 Resp: 170815

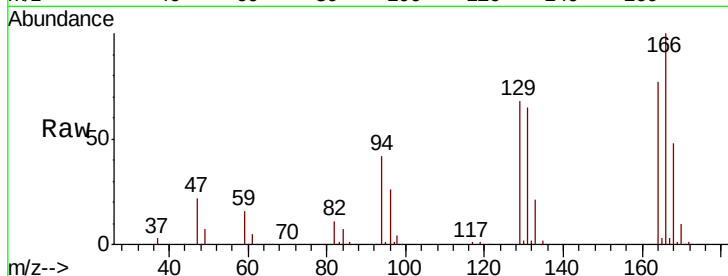
Ion Ratio Lower Upper

164 100

129 88.4 60.9 113.1

131 85.1 58.9 109.5

166 130.0 91.4 169.8

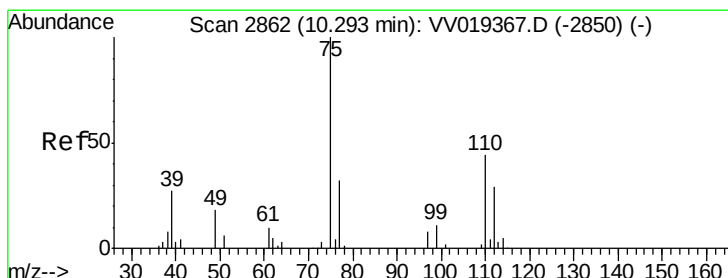
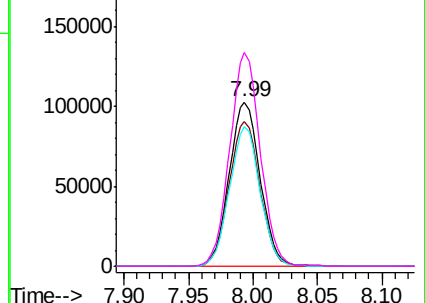
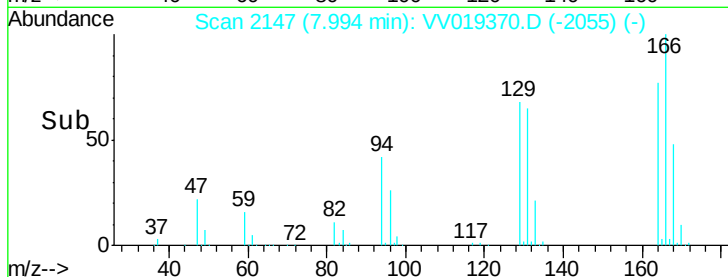


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.905 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019370.D

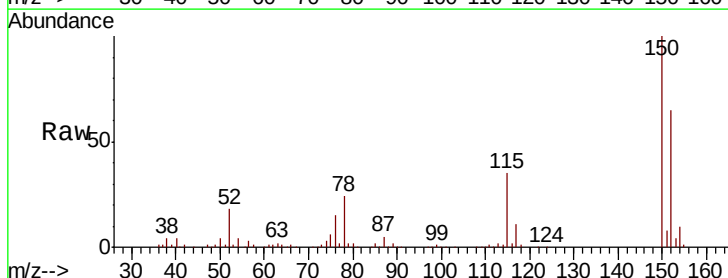
Acq: 13 Nov 2020 11:17

Tgt Ion: 75 Resp: 10882

Ion Ratio Lower Upper

75 100

77 35.6 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

