

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019292.D
 Acq On : 06 Nov 2020 12:35
 Operator : SY/MD
 Sample : L4615-17ME
 Misc : 5.76g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG485ME

Quant Time: Nov 07 01:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	271100	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90659	42.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.16%
7) Chloroethane-d5	1.57	69	74993	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.62%
11) 1,1-Dichloroethene-d2	2.10	63	137427	33.53	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.91	46	114666	86.90	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.90%
24) Chloroform-d	4.37	84	173631	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
26) 1,2-Dichloroethane-d4	5.05	65	128913	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
32) Benzene-d6	5.06	84	337383	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
36) 1,2-Dichloropropane-d6	6.09	67	109087	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.48%
41) Toluene-d8	7.33	98	309885	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	7.64	79	57152	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.13	63	91612	92.57	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134386	43.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	131685	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%

Target Compounds

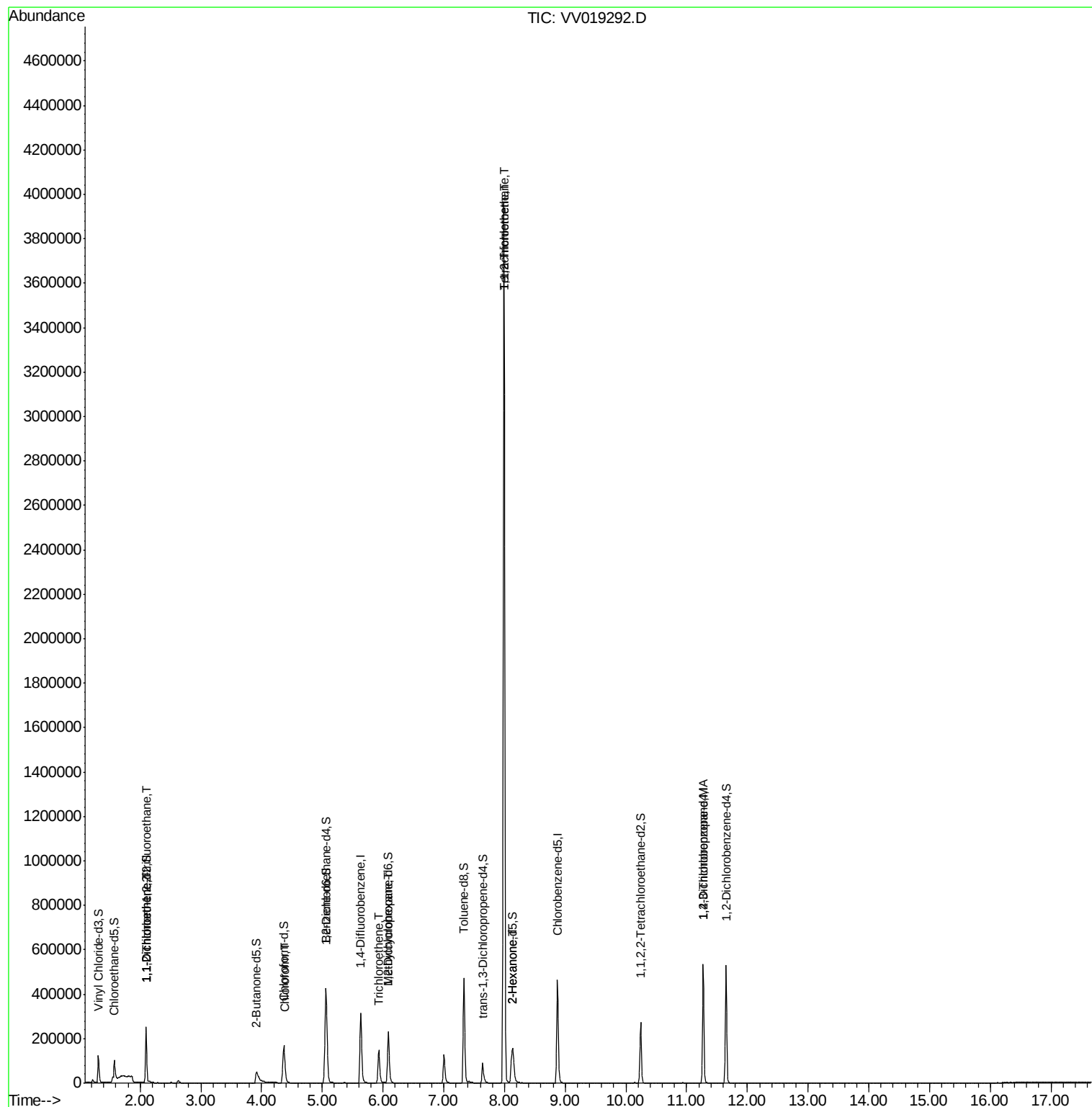
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1173	0.661 ug/L #	20
12) 1,1-Dichloroethene	2.10	96	1738	1.000 ug/L #	1
25) Chloroform	4.39	83	3669	0.976 ug/L	90
34) Trichloroethene	5.93	95	49739	23.308 ug/L	98
35) Methylcyclohexane	6.09	83	27491	9.542 ug/L #	19
45) 1,1,2-Trichloroethane	7.99	97	7869	4.056 ug/L #	6
46) Tetrachloroethene	7.99	164	876093	480.774 ug/L	98
48) 2-Hexanone	8.13	43	12884	6.074 ug/L #	55
59) 1,2,3-Trichloropropane	11.27	75	15840	6.263 ug/L	92

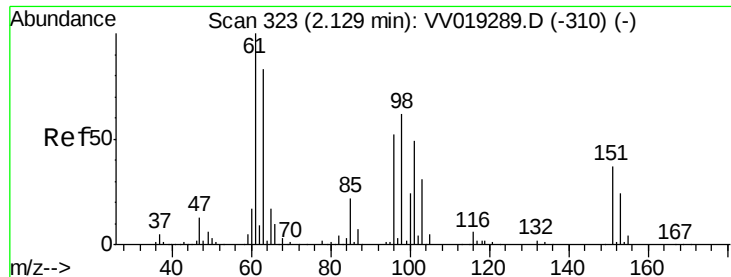
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 07 01:17:34 2020
Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

Lab File: VV019292.D

Acq: 06 Nov 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

BG485ME

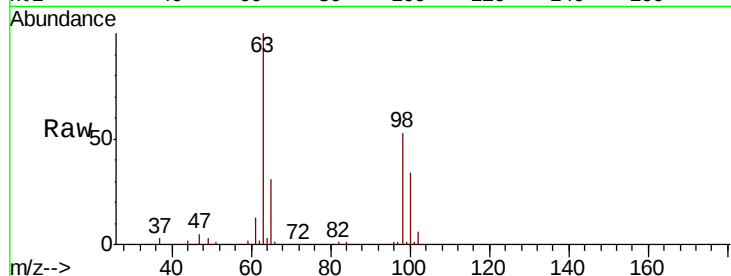
Tot Ion: 101 Resp: 1173

Ion Ratio Lower Upper

101 100

85 5.5 36.1 54.1#

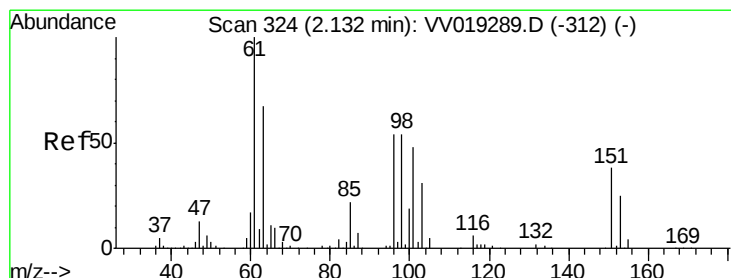
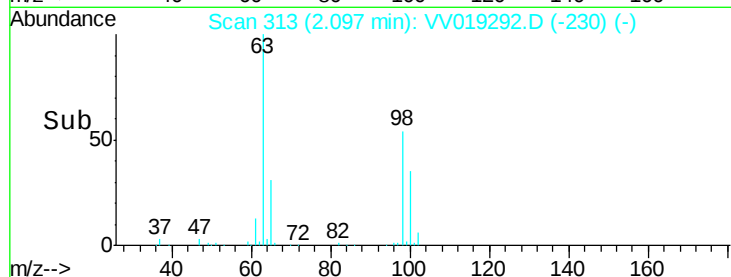
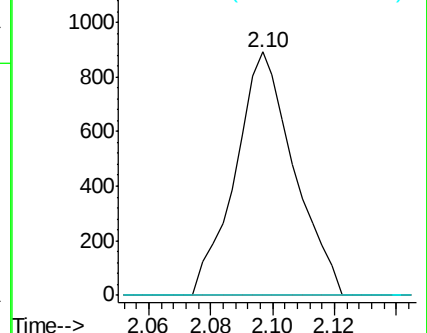
151 0.0 65.0 97.4#



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



#12

1,1-Dichloroethene

Concen: 1.000 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019292.D

Acq: 06 Nov 2020 12:35

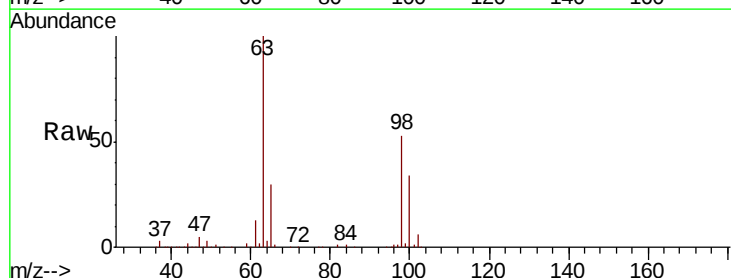
Tgt Ion: 96 Resp: 1738

Ion Ratio Lower Upper

96 100

61 1181.9 132.6 246.2#

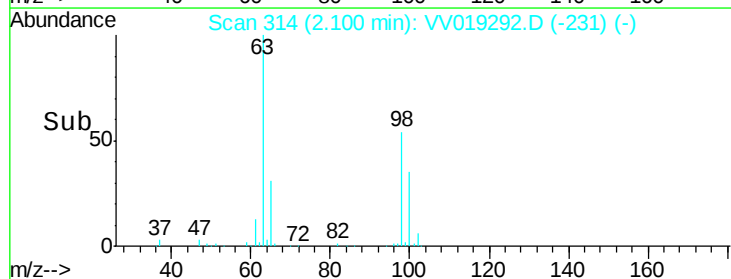
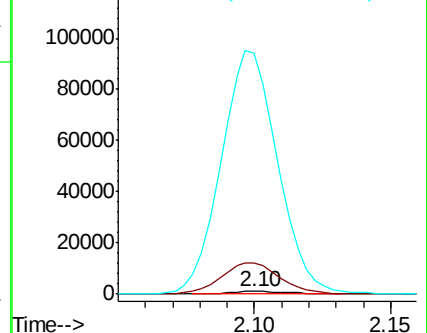
63 8989.1 108.4 201.4#

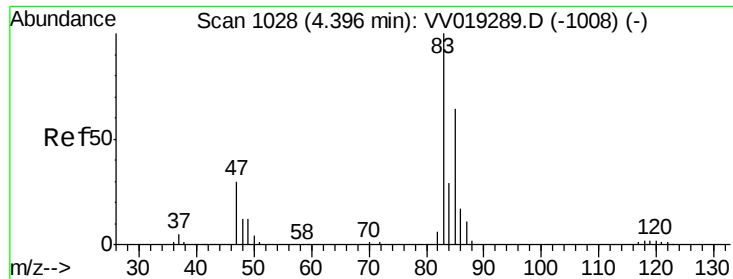


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

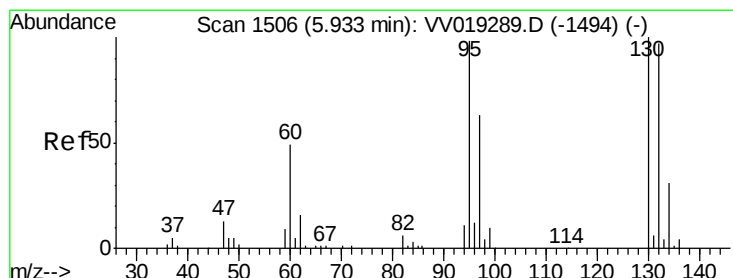
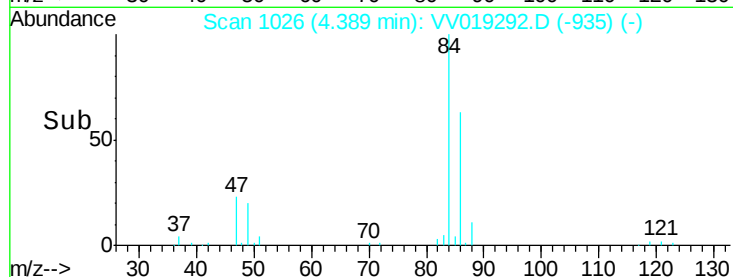
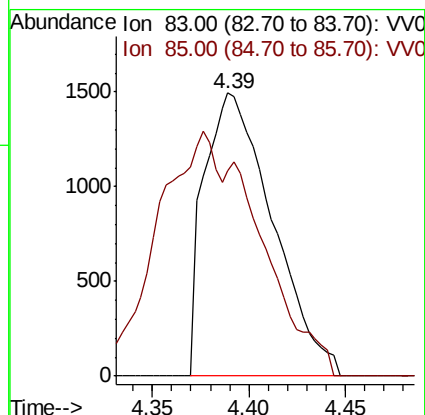
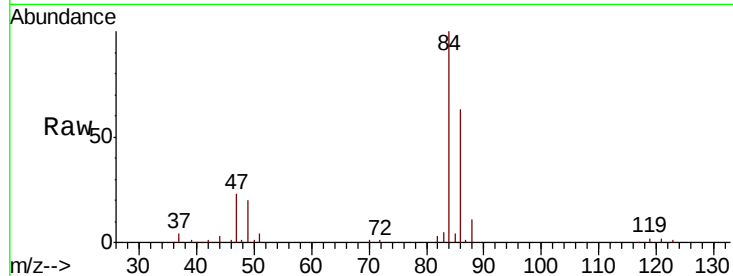




#25
Chloroform
Concen: 0.976 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VV019292.D
Acq: 06 Nov 2020 12:35

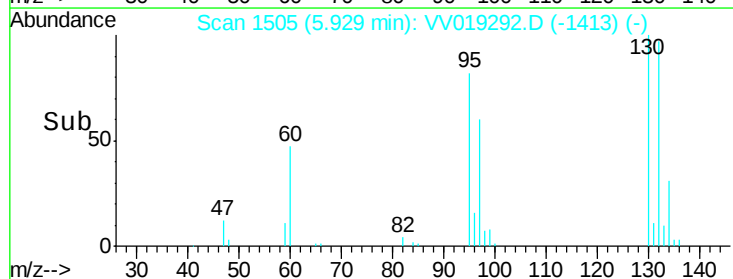
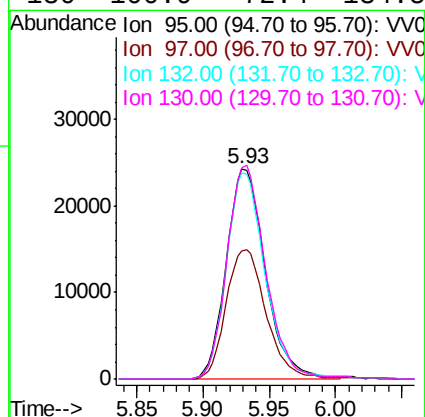
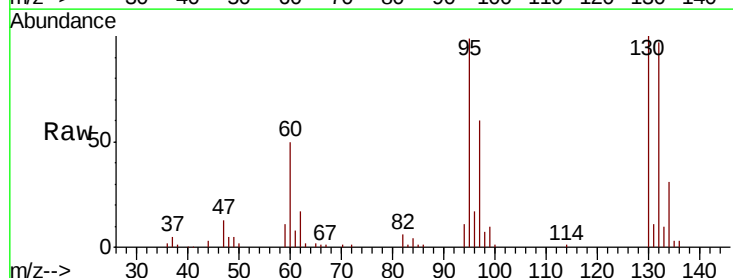
Instrument :
MSVOA_V
ClientSampleId :
BG485ME

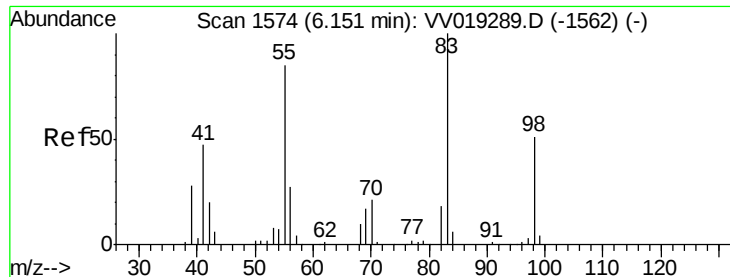
Tot Ion: 83 Resp: 3669
Ion Ratio Lower Upper
83 100
85 72.5 45.1 83.9



#34
Trichloroethene
Concen: 23.308 ug/L
RT: 5.93 min Scan# 1505
Delta R.T. -0.00 min
Lab File: VV019292.D
Acq: 06 Nov 2020 12:35

Tgt Ion: 95 Resp: 49739
Ion Ratio Lower Upper
95 100
97 61.0 43.4 80.6
132 98.2 69.7 129.4
130 100.9 72.4 134.5

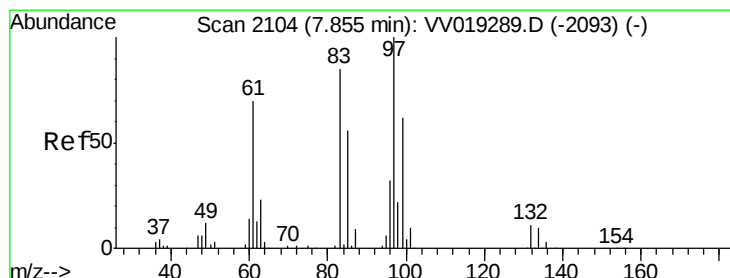
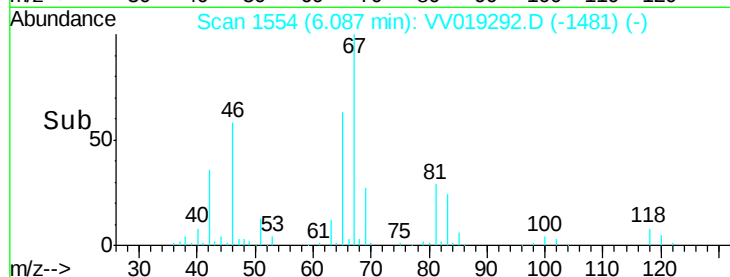
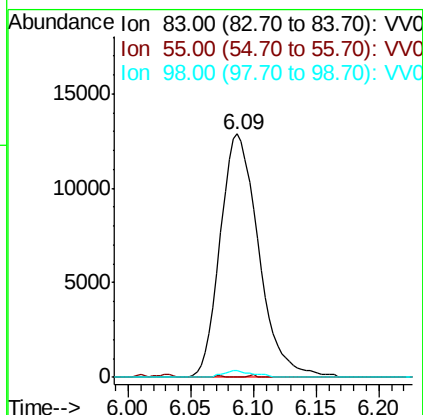
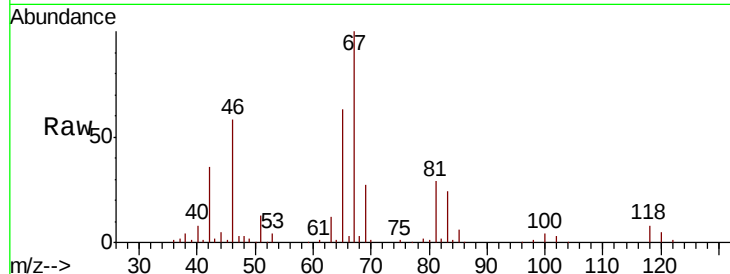




#35
Methvlcvclohexane
Concen: 9.542 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.06 min
Lab File: VV019292.D
Acq: 06 Nov 2020 12:35

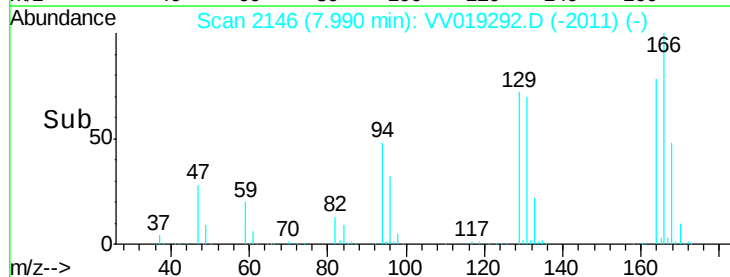
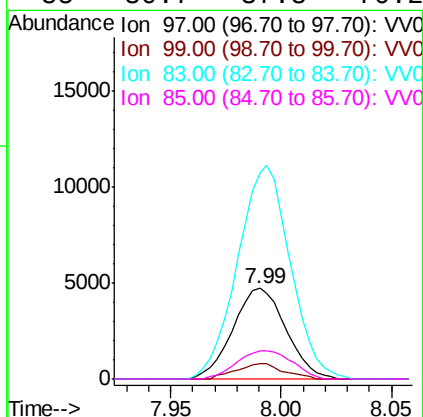
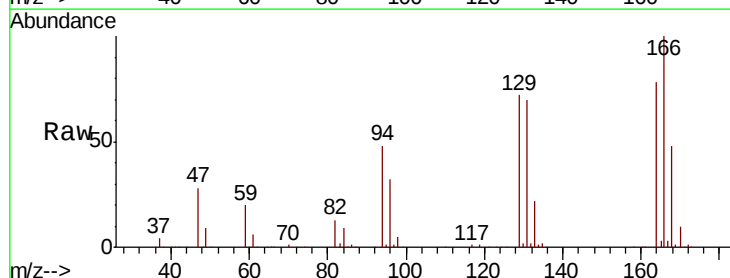
Instrument :
MSVOA_V
ClientSampleId :
BG485ME

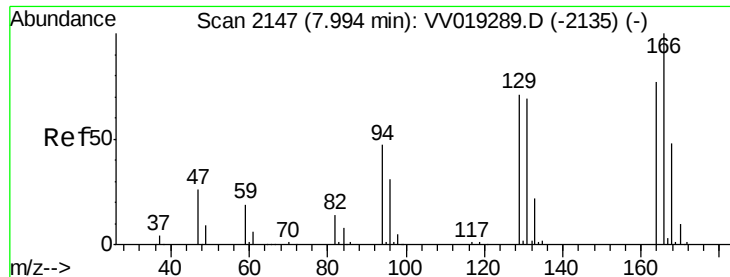
Tot Ion: 83 Resp: 27491
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.4#
98 2.0 39.4 59.2#



#45
1,1,2-Trichloroethane
Concen: 4.056 ug/L
RT: 7.99 min Scan# 2146
Delta R.T. 0.14 min
Lab File: VV019292.D
Acq: 06 Nov 2020 12:35

Tgt Ion: 97 Resp: 7869
Ion Ratio Lower Upper
97 100
99 17.6 43.1 80.1#
83 228.7 58.3 108.3#
85 30.7 37.8 70.2#





#46

Tetrachloroethene

Concen: 480.774 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019292.D

Acq: 06 Nov 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

BG485ME

Tot Ion:164 Resp: 876093

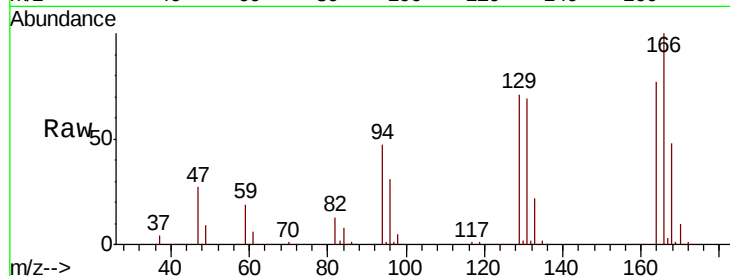
Ion Ratio Lower Upper

164 100

129 91.9 63.2 117.4

131 88.7 60.3 112.1

166 129.1 88.3 163.9

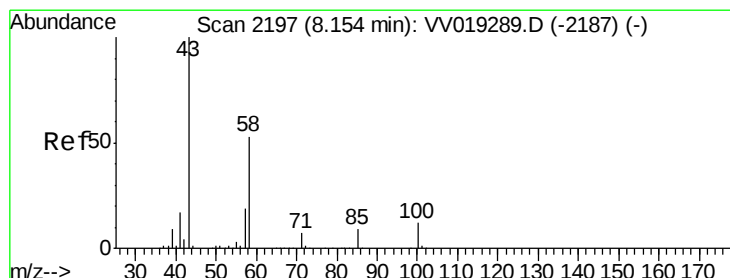
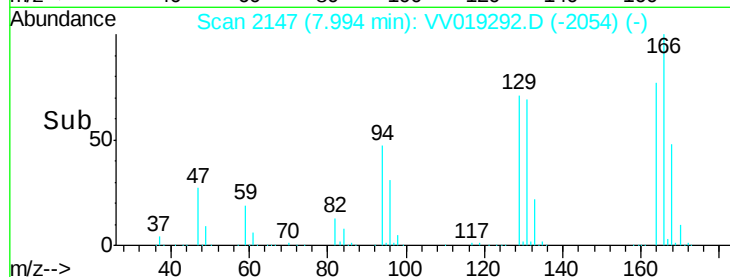
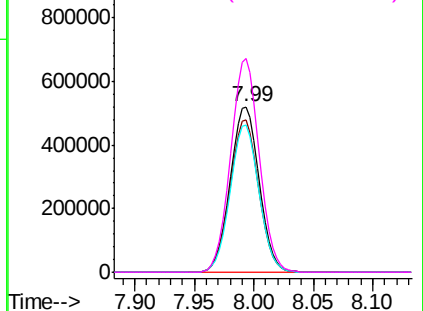


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.074 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.02 min

Lab File: VV019292.D

Acq: 06 Nov 2020 12:35

Tgt Ion: 43 Resp: 12884

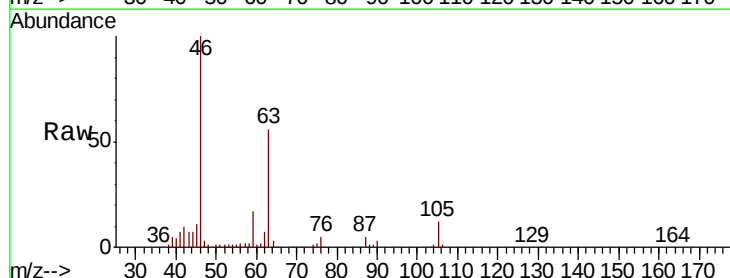
Ion Ratio Lower Upper

43 100

58 9.8 43.6 65.4#

57 23.0 16.0 24.0

100 0.0 10.3 15.5#

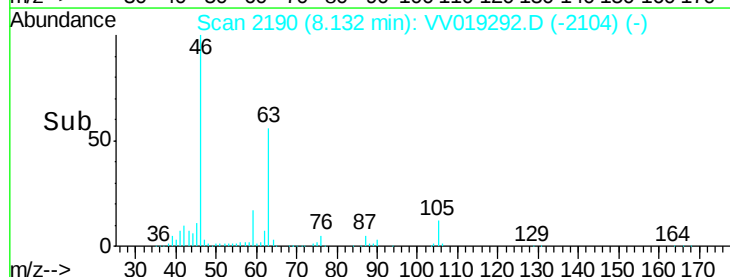
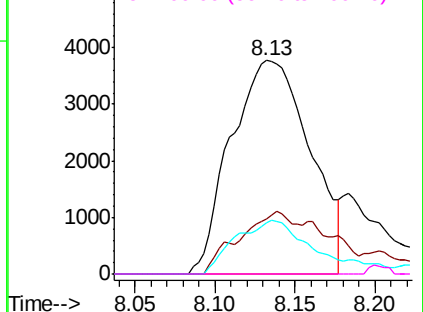


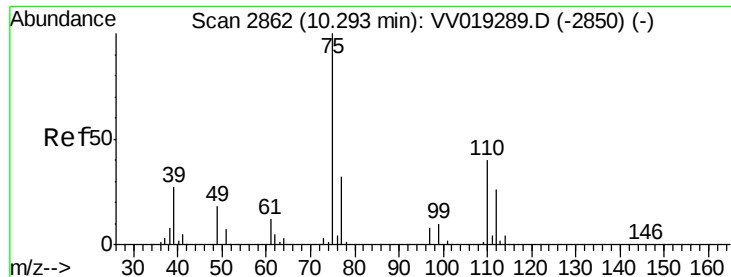
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.263 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019292.D

Acq: 06 Nov 2020 12:35

Instrument :

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ClientSampleId :

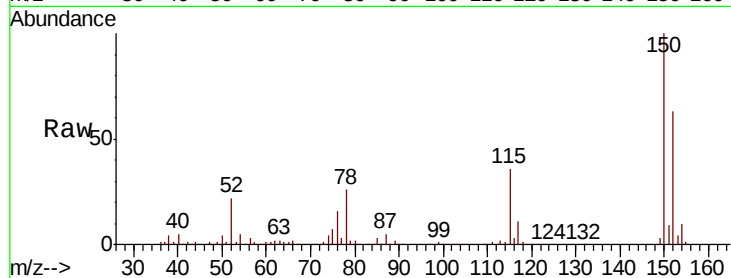
BG485ME

Tot Ion: 75 Resp: 15840

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

