

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019467.D
 Acq On : 03 Dec 2020 19:26
 Operator : SY/MD
 Sample : L4920-14ME10X
 Misc : 5.0µ/5.0mL/100UL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4G0ME

Quant Time: Dec 04 08:05:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340992	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107430	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.08%
7) Chloroethane-d5	1.56	69	95657	34.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.02%#
11) 1,1-Dichloroethene-d2	2.12	63	184424	30.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.84%
21) 2-Butanone-d5	3.89	46	209734	101.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	4.37	84	246973	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	5.05	65	178291	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
32) Benzene-d6	5.07	84	479823	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.09	67	167926	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	7.33	98	405749	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.64	79	71393	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.11	63	112833	85.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.95%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	186580	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	156301	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

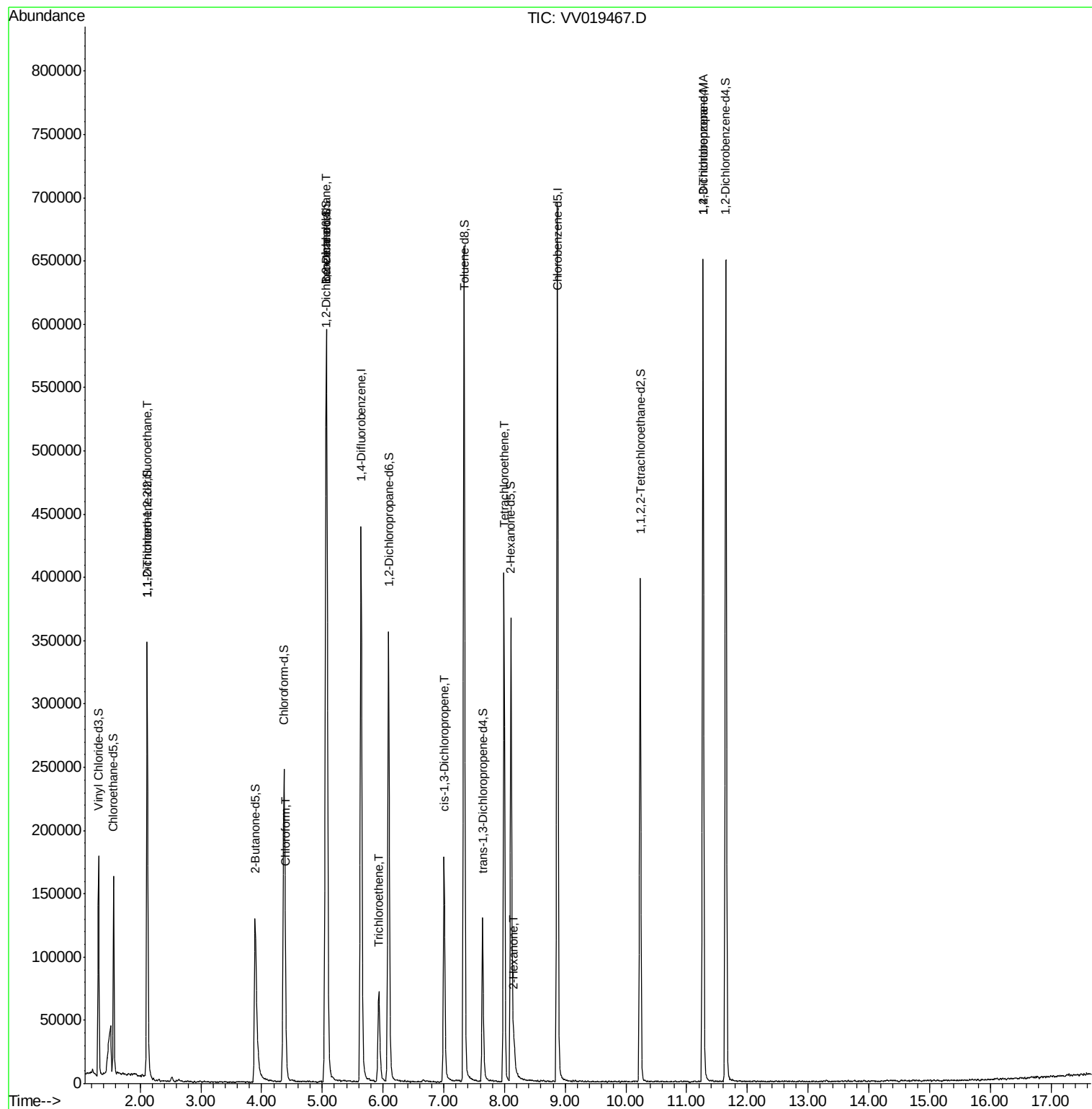
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1691	0.707	ug/L #	21
25) Chloroform	4.40	83	5626	1.102	ug/L	92
27) 1,2-Dichloroethane	5.07	62	3243	0.810	ug/L	97
34) Trichloroethene	5.94	95	15137	5.355	ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	5022	1.216	ug/L #	72
46) Tetrachloroethene	7.99	164	82752	42.154	ug/L	93
48) 2-Hexanone	8.16	43	13584	4.351	ug/L #	43
59) 1,2,3-Trichloropropane	11.27	75	21674	5.902	ug/L	98

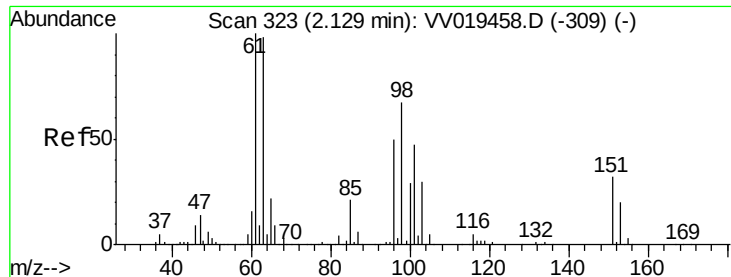
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L4920-14ME10X
Misc : 5.0µ/5.0mL/100UL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4G0ME

Quant Time: Dec 04 08:05:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.707 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV019467.D

Acq: 03 Dec 2020 19:26

Instrument :

MSVOA_V

ClientSampled :

BG4G0ME

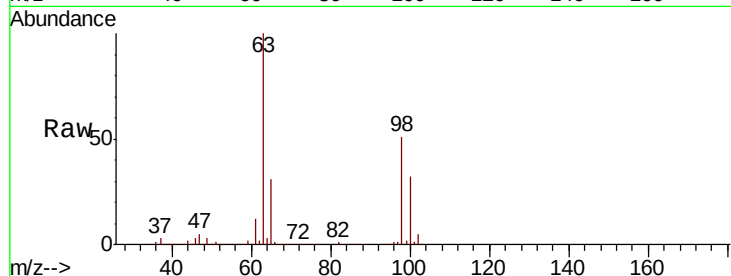
Tot Ion:101 Resp: 1691

Ion Ratio Lower Upper

101 100

85 2.4 35.5 53.3#

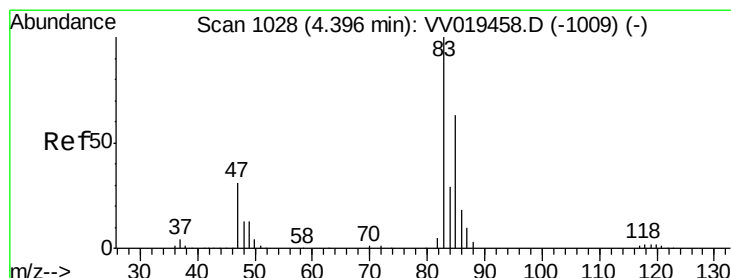
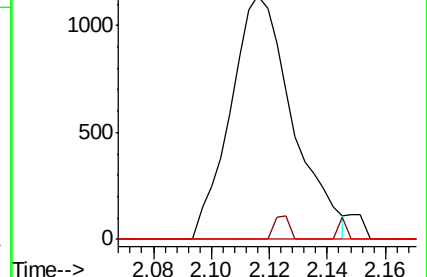
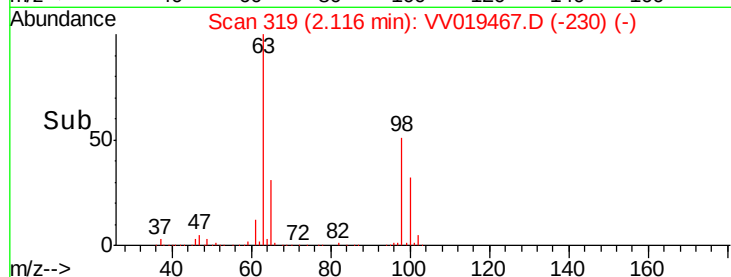
151 0.0 58.9 88.3#



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



#25

Chloroform

Concen: 1.102 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV019467.D

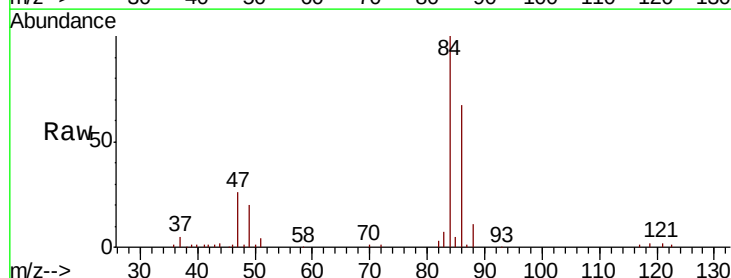
Acq: 03 Dec 2020 19:26

Tgt Ion: 83 Resp: 5626

Ion Ratio Lower Upper

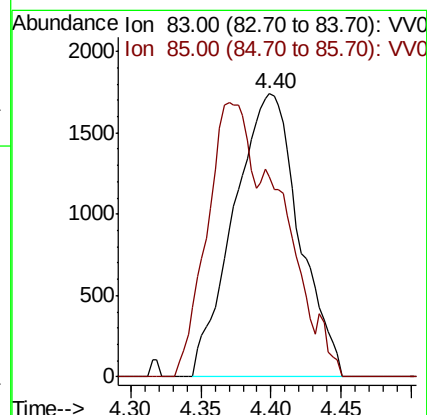
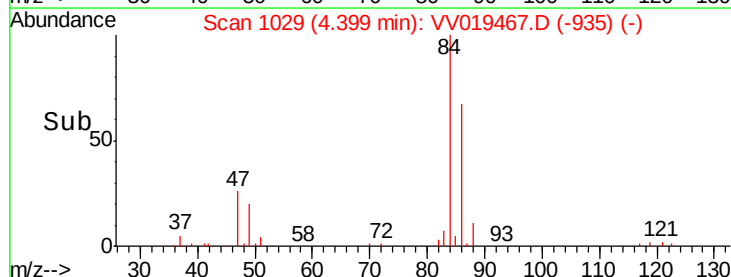
83 100

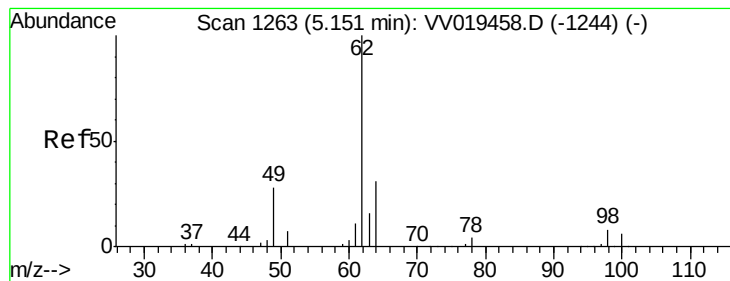
85 70.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.810 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV019467.D

Acq: 03 Dec 2020 19:26

Instrument :

MSVOA_V

ClientSampleId :

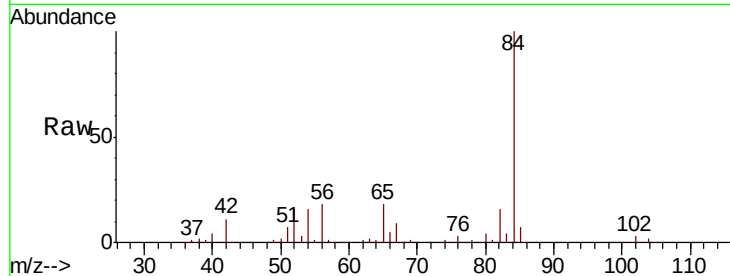
BG4G0ME

Tot Ion: 62 Resp: 3243

Ion Ratio Lower Upper

62 100

98 8.3 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV019458.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VV019458.D (-1244) (-)

5.07

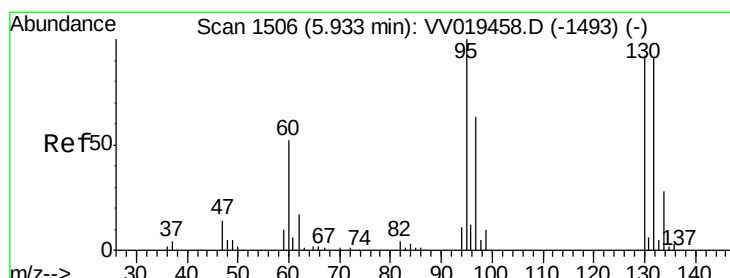
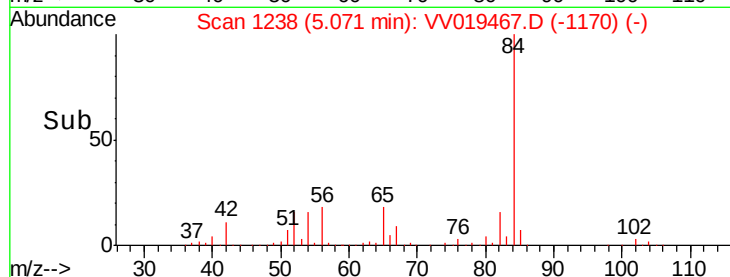
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 5.355 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV019467.D

Acq: 03 Dec 2020 19:26

Tgt Ion: 95 Resp: 15137

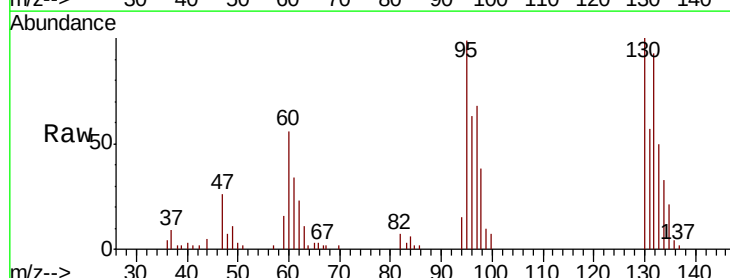
Ion Ratio Lower Upper

95 100

97 68.6 43.8 81.3

132 94.0 65.6 121.8

130 100.7 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VV019458.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV019458.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV019458.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV019458.D (-1493) (-)

5.94

10000

8000

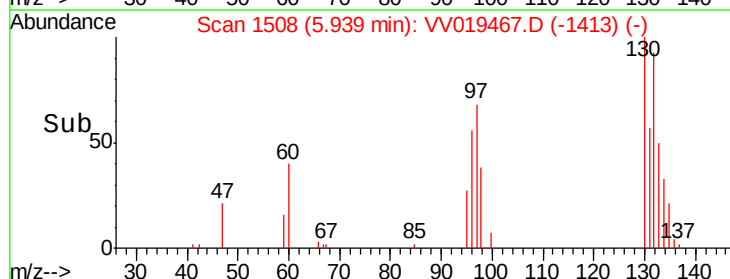
6000

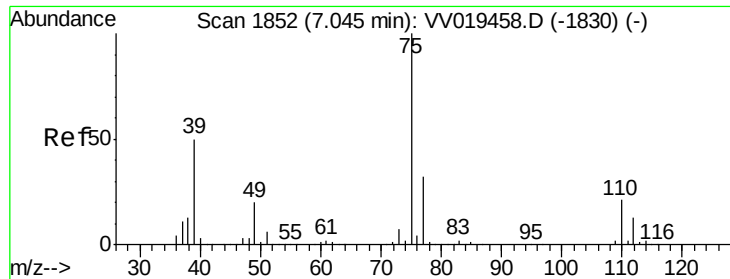
4000

2000

0

Time-->

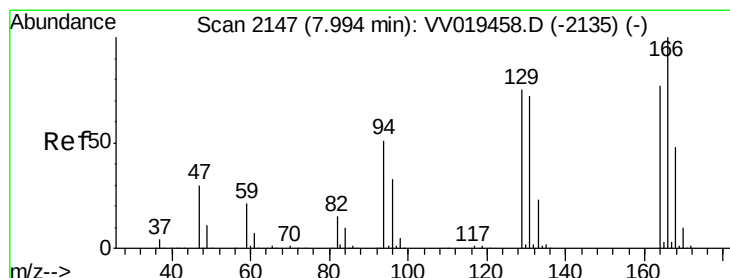
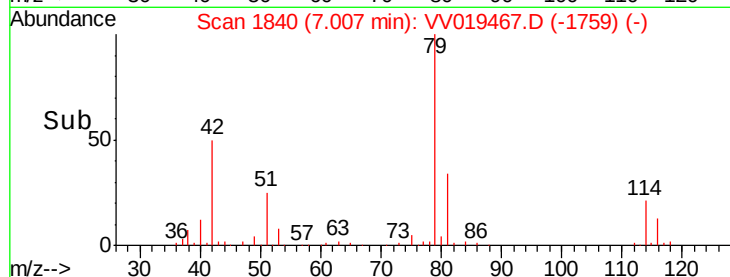
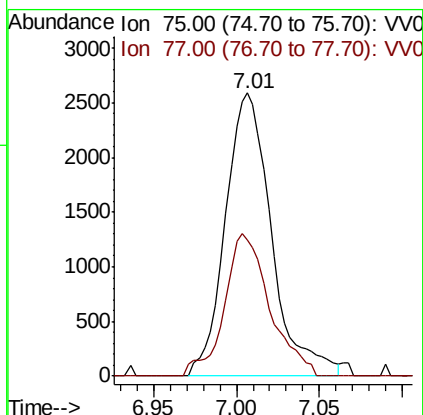
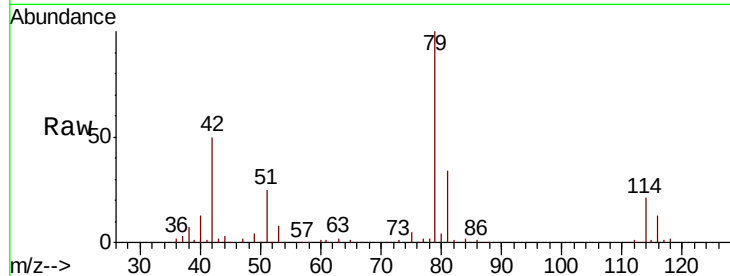




#39
 cis-1,3-Dichloropropene
 Concen: 1.216 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019467.D
 Acq: 03 Dec 2020 19:26

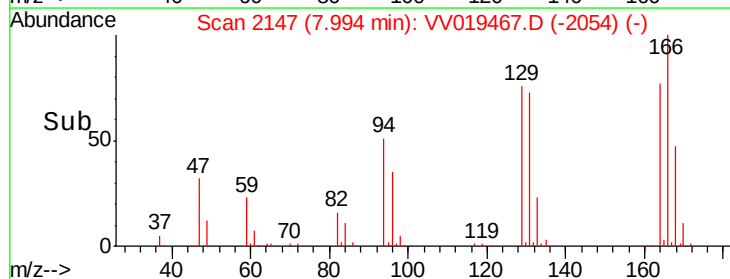
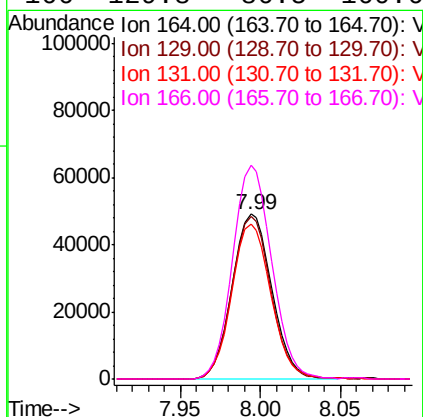
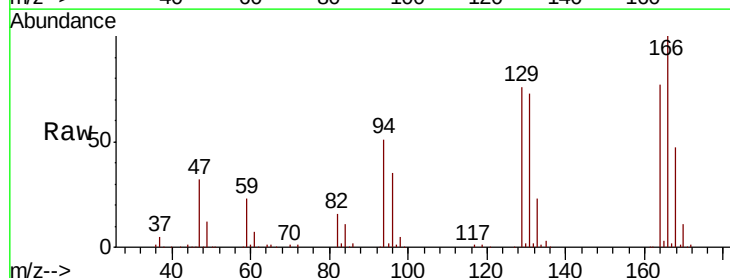
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4G0ME

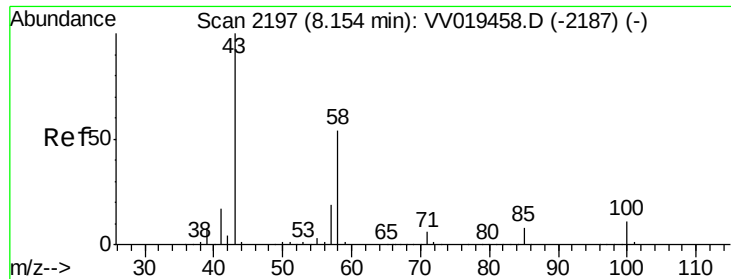
Tot Ion: 75 Resp: 5022
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.5 41.7#



#46
 Tetrachloroethene
 Concen: 42.154 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: VV019467.D
 Acq: 03 Dec 2020 19:26

Tgt Ion:164 Resp: 82752
 Ion Ratio Lower Upper
 164 100
 129 98.8 62.9 116.7
 131 94.1 61.1 113.5
 166 129.8 86.5 160.6

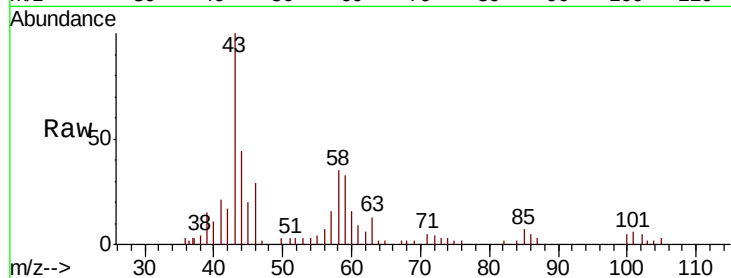




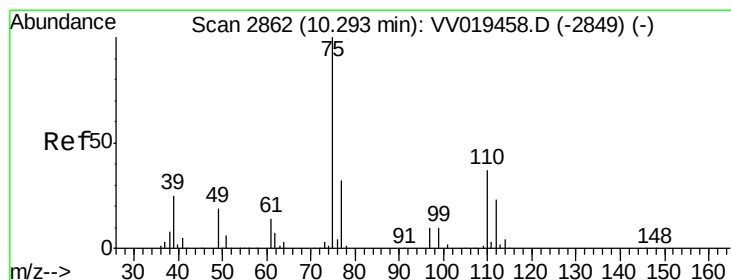
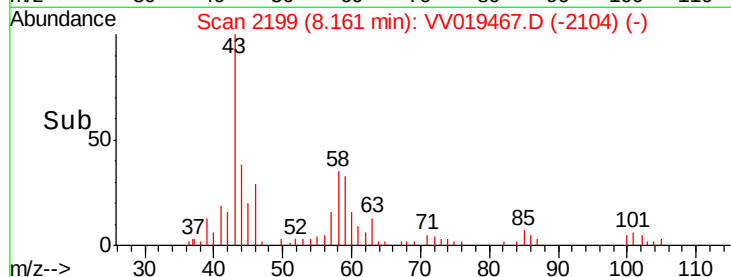
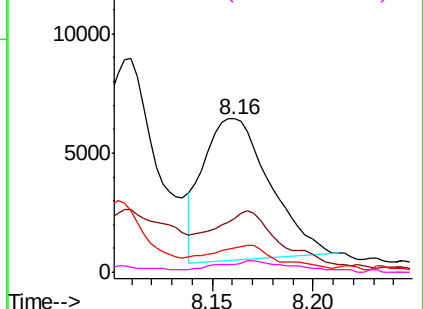
#48
2-Hexanone
Concen: 4.351 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019467.D
Acq: 03 Dec 2020 19:26

Instrument :
MSVOA_V
ClientSampleId :
BG4G0ME

Tot Ion:	43	Resp:	13584
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.8	65.6#
57	8.5	15.4	23.2#
100	3.8	9.0	13.6#

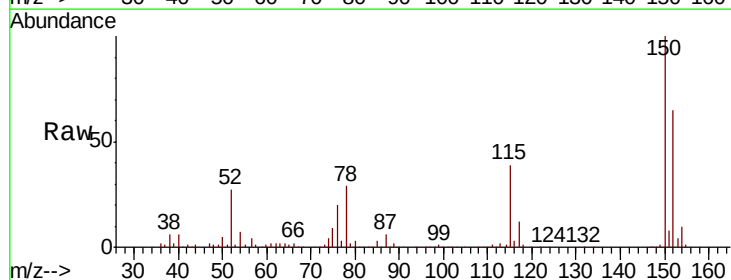


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 5.902 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV019467.D
Acq: 03 Dec 2020 19:26

Tgt Ion:	75	Resp:	21674
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

