

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019480.D
 Acq On : 04 Dec 2020 15:55
 Operator : SY/MD
 Sample : L4920-12ME
 Misc : 5.72g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4F8ME

Quant Time: Dec 05 02:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	338650	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104612	30.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.86%
7) Chloroethane-d5	1.55	69	94591	34.36	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.72%#
11) 1,1-Dichloroethene-d2	2.09	63	172417	28.64	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.28%#
21) 2-Butanone-d5	3.91	46	211506	102.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.37	84	233456	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.05	65	178412	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
32) Benzene-d6	5.06	84	474337	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	6.09	67	166098	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.33	98	406784	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	7.64	79	72544	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.13	63	128692	95.95	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198885	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	155014	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

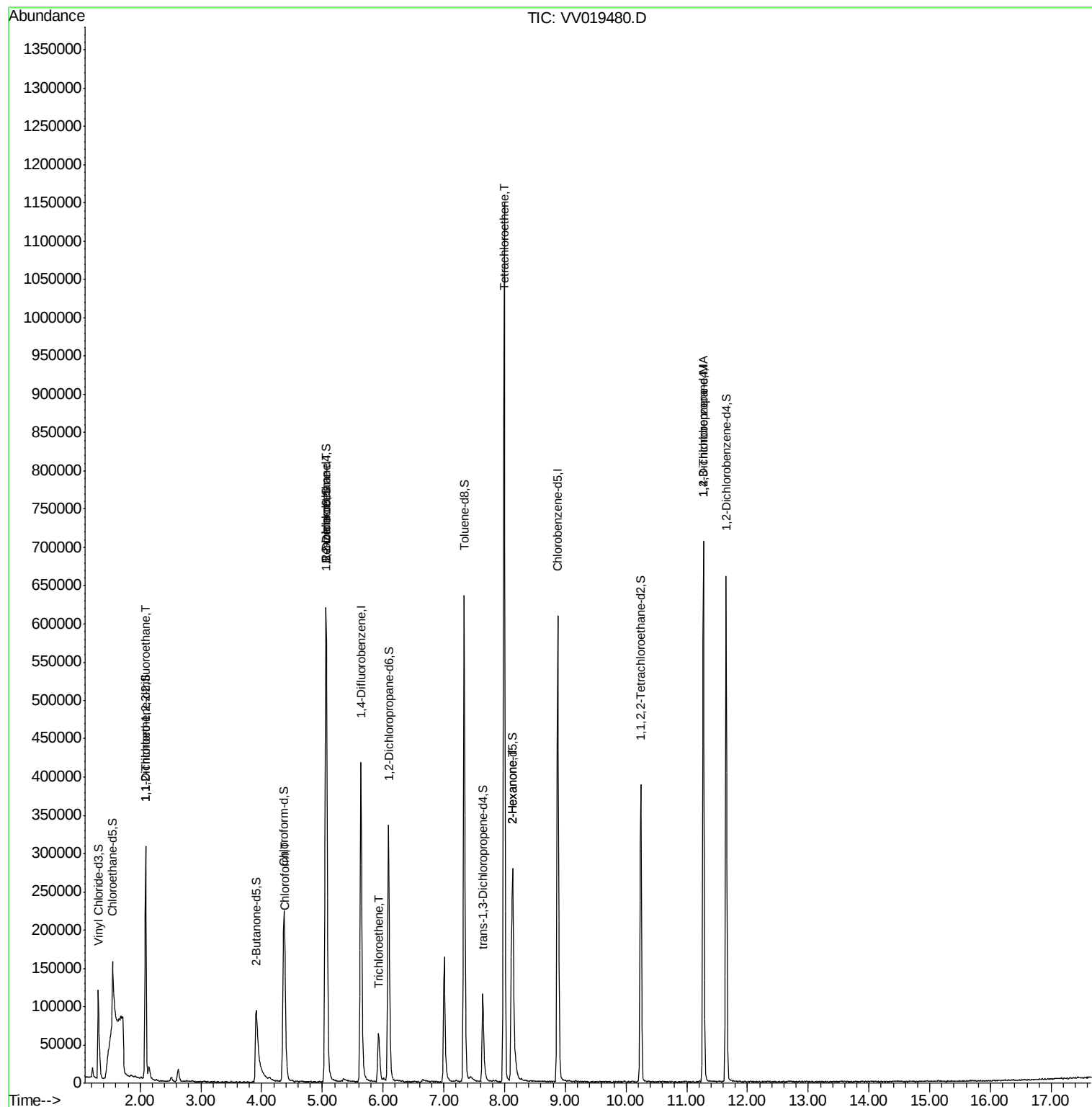
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1570	0.661	ug/L # 21
25) Chloroform	4.40	83	11756	2.318	ug/L 95
27) 1,2-Dichloroethane	5.06	62	3335	0.838	ug/L 99
34) Trichloroethene	5.94	95	13230	4.581	ug/L 93
46) Tetrachloroethene	7.99	164	232114	115.726	ug/L 94
48) 2-Hexanone	8.14	43	20184	6.327	ug/L # 68
59) 1,2,3-Trichloropropane	11.27	75	23764	6.333	ug/L 98

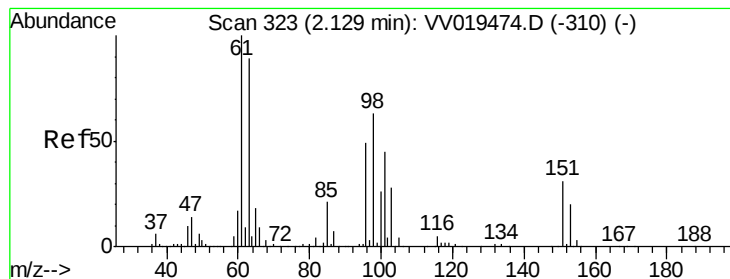
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120420\
Data File : VV019480.D
Acq On : 04 Dec 2020 15:55
Operator : SY/MD
Sample : L4920-12ME
Misc : 5.72g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4F8ME

Quant Time: Dec 05 02:41:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 05 02:40:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.09 min Scan# 310

Delta R.T. -0.04 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Instrument :

MSVOA_V

ClientSampleId :

BG4F8ME

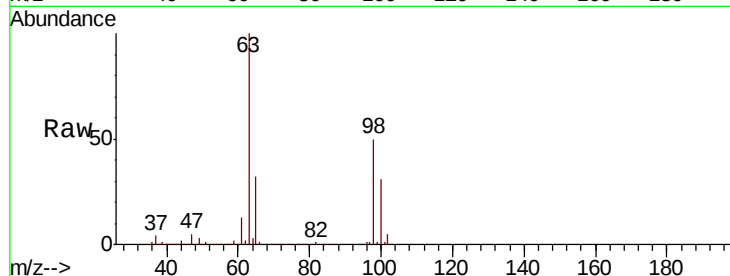
Tot Ion:101 Resp: 1570

Ion Ratio Lower Upper

101 100

85 2.5 35.5 53.3#

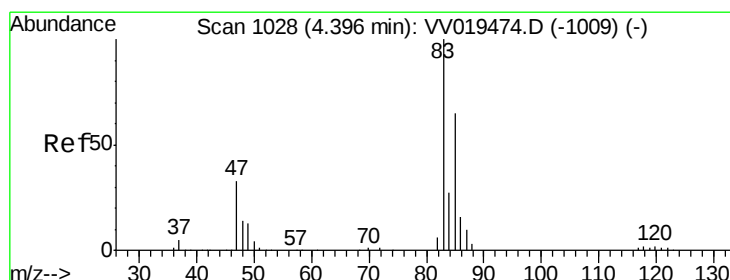
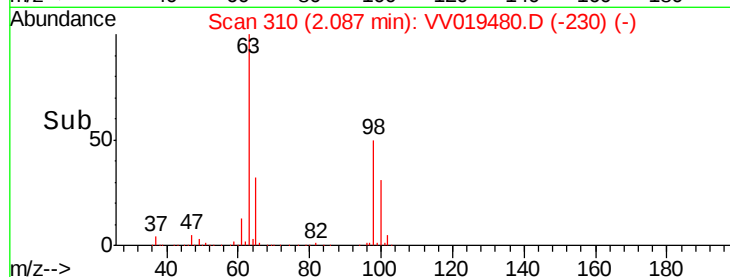
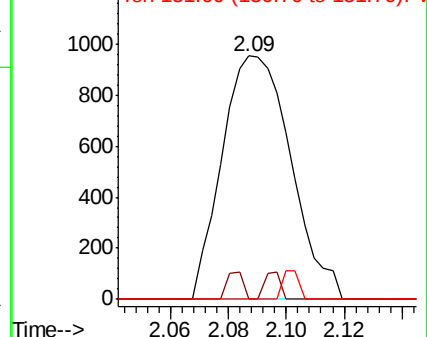
151 0.0 58.9 88.3#



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: 2.318 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VV019480.D

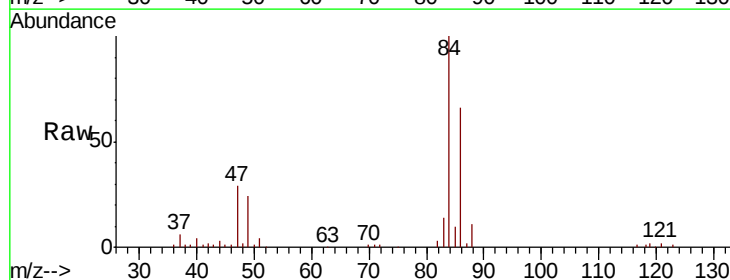
Acq: 04 Dec 2020 15:55

Tgt Ion: 83 Resp: 11756

Ion Ratio Lower Upper

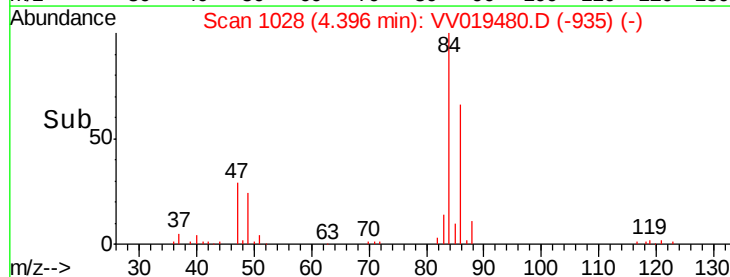
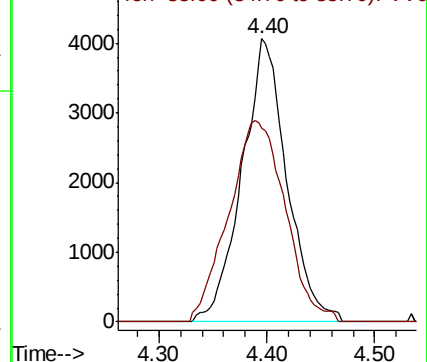
83 100

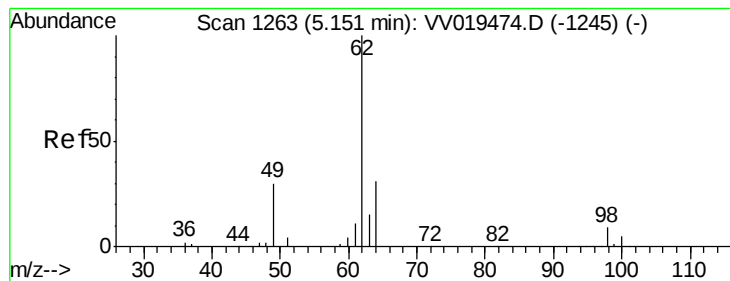
85 68.4 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.838 ug/L

RT: 5.06 min Scan# 1235

Delta R.T. -0.09 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Instrument :

MSVOA_V

ClientSampleId :

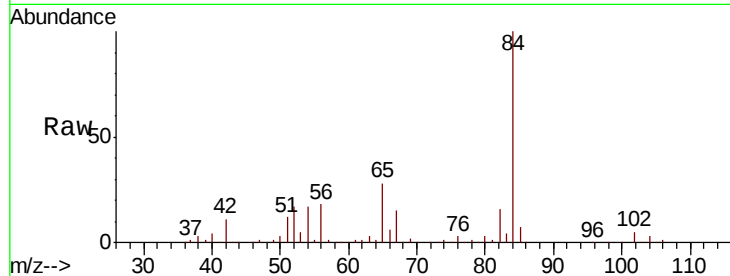
BG4F8ME

Tot Ion: 62 Resp: 3335

Ion Ratio Lower Upper

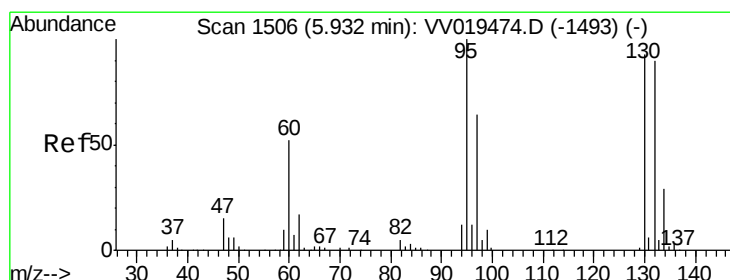
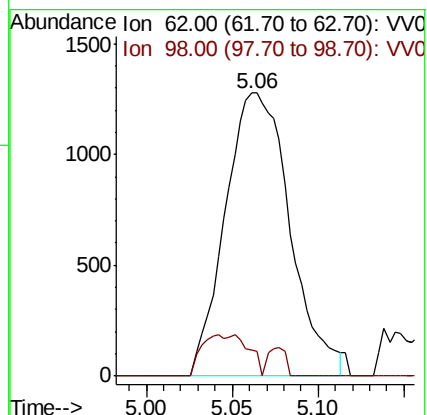
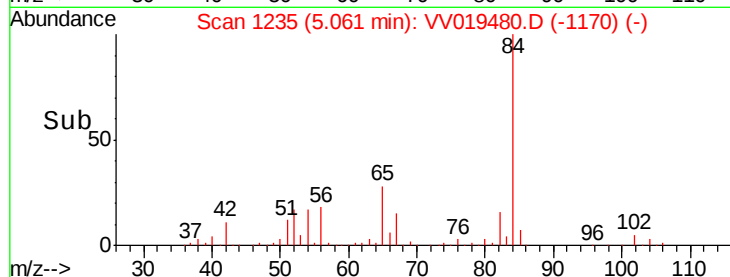
62 100

98 9.2 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV019480.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VV019480.D (-1170) (-)



#34

Trichloroethene

Concen: 4.581 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Tgt Ion: 95 Resp: 13230

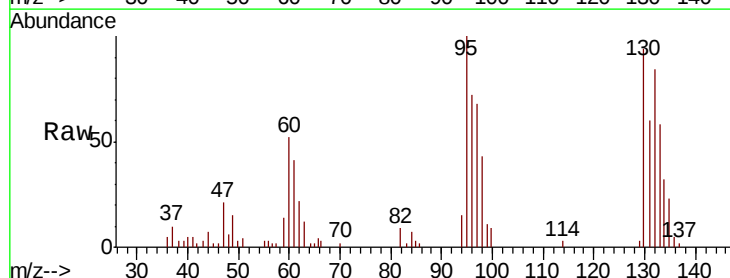
Ion Ratio Lower Upper

95 100

97 68.3 43.8 81.3

132 83.6 65.6 121.8

130 94.4 69.2 128.6

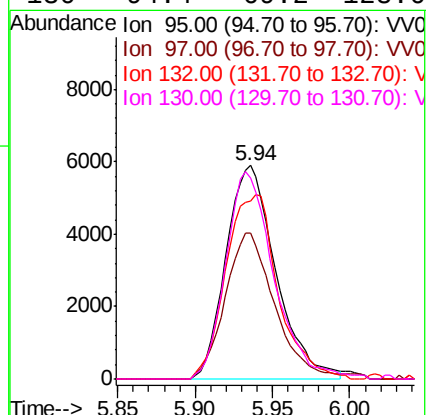
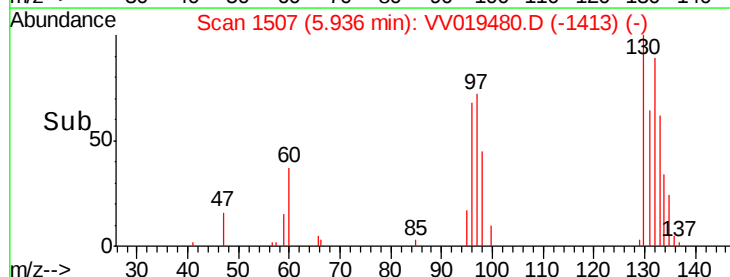


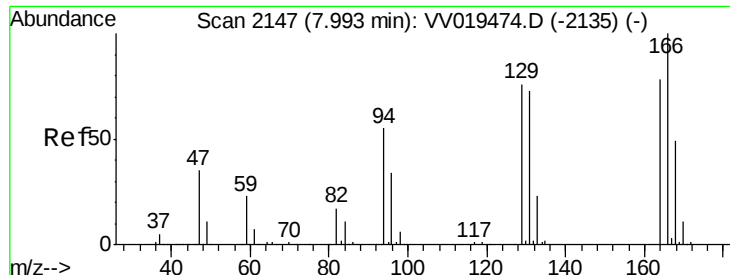
Abundance Ion 95.00 (94.70 to 95.70): VV019480.D (-1413) (-)

Ion 97.00 (96.70 to 97.70): VV019480.D (-1413) (-)

Ion 132.00 (131.70 to 132.70): VV019480.D (-1413) (-)

Ion 130.00 (129.70 to 130.70): VV019480.D (-1413) (-)





#46

Tetrachloroethene

Concen: 115.726 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Instrument :

MSVOA_V

ClientSampleId :

BG4F8ME

Tot Ion:164 Resp: 232114

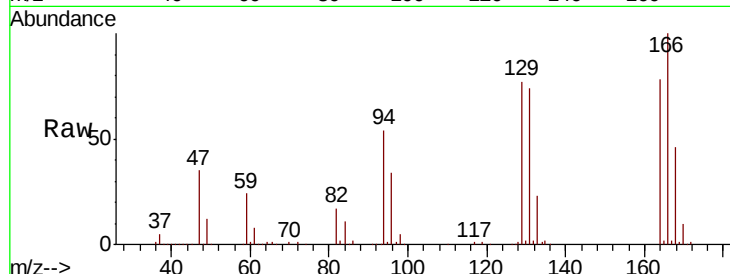
Ion Ratio Lower Upper

164 100

129 97.6 62.9 116.7

131 94.1 61.1 113.5

166 127.5 86.5 160.6

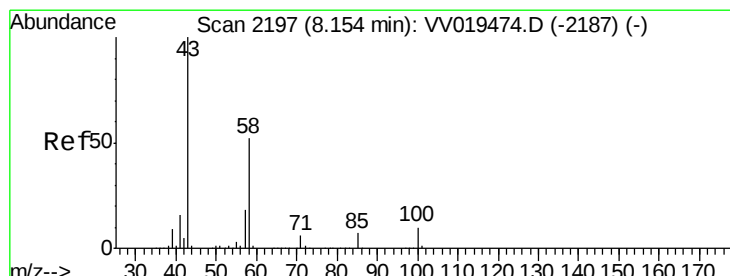
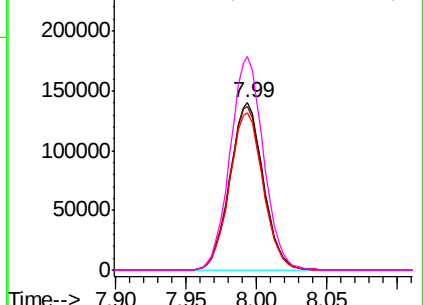
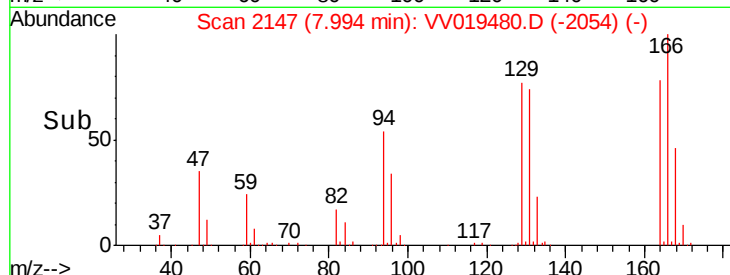


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.327 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Tgt Ion: 43 Resp: 20184

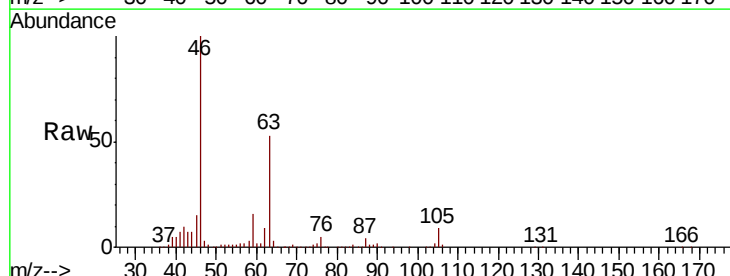
Ion Ratio Lower Upper

43 100

58 34.0 43.8 65.6#

57 0.0 15.4 23.2#

100 0.5 9.0 13.6#

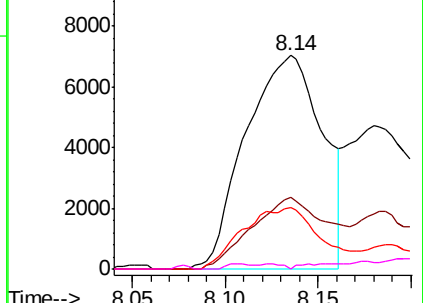
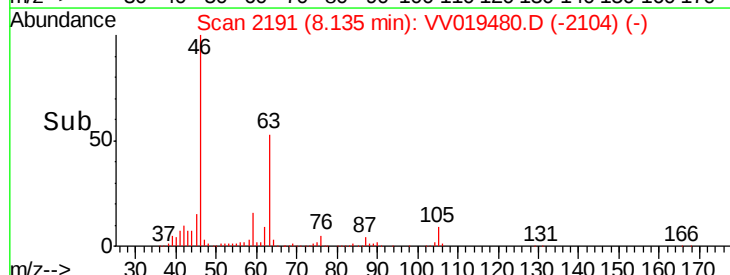


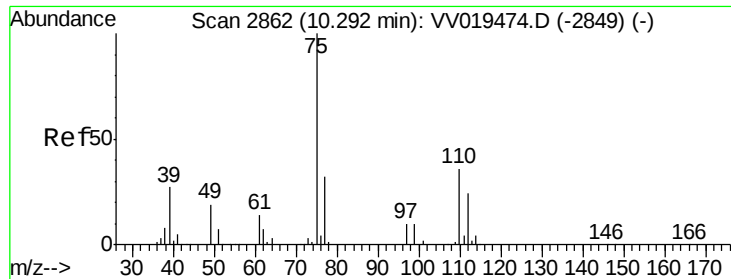
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.333 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019480.D

Acq: 04 Dec 2020 15:55

Instrument :

MSVOA_V

ClientSampleId :

BG4F8ME

Tot Ion: 75 Resp: 23764

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

