

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019479.D
 Acq On : 04 Dec 2020 15:30
 Operator : SY/MD
 Sample : L4920-11ME
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4F7ME

Quant Time: Dec 05 02:41:44 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	329473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	101319	30.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.58%
7) Chloroethane-d5	1.71	69	756	0.28	ug/L	0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.56%#
11) 1,1-Dichloroethene-d2	2.09	63	169428	28.93	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	3.91	46	197658	98.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.55%
24) Chloroform-d	4.37	84	224555	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.42%
26) 1,2-Dichloroethane-d4	5.05	65	178463	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.06	84	470123	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.09	67	166856	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.33	98	402767	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.64	79	73359	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.13	63	123445	94.71	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194609	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	154930	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

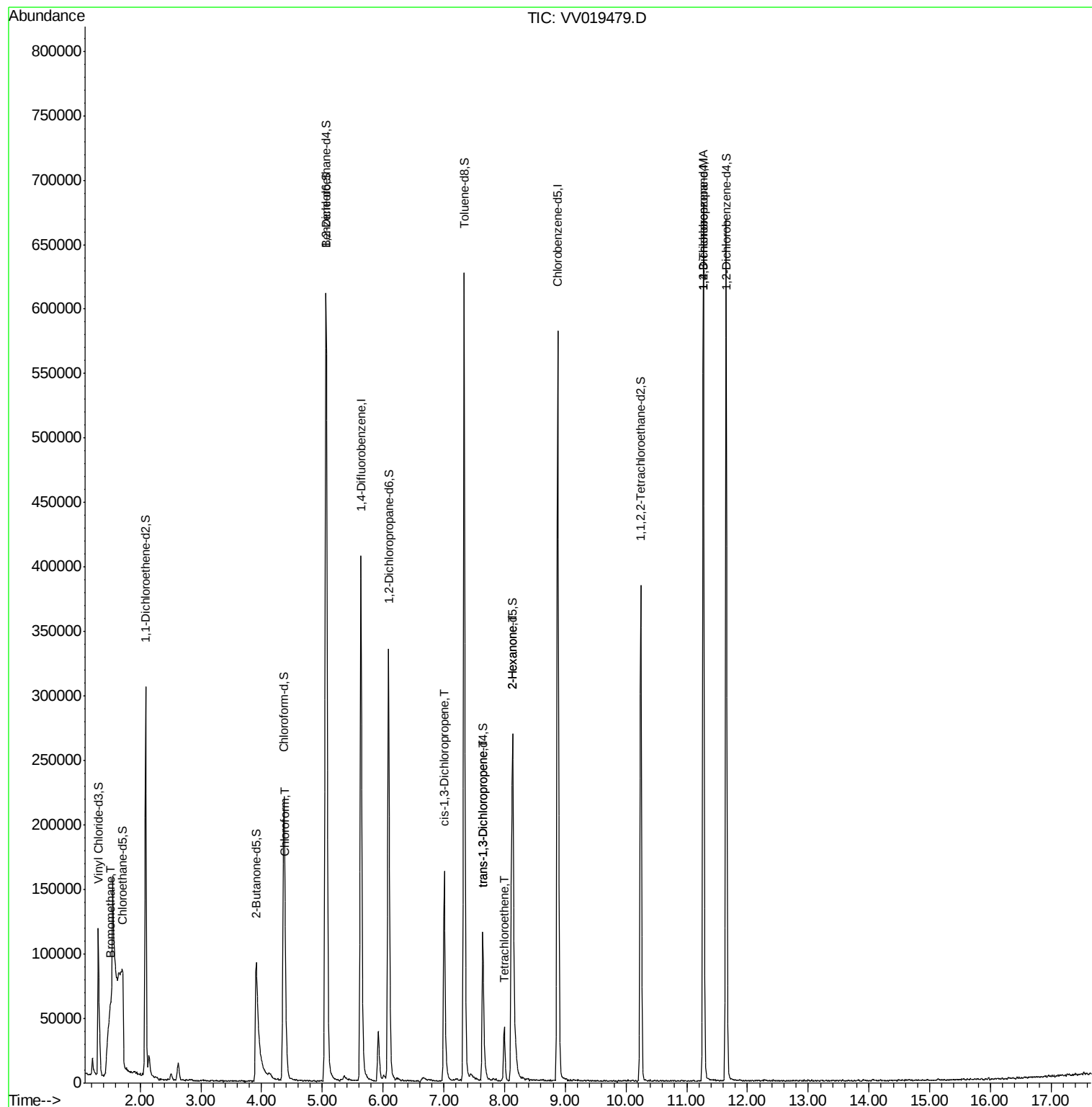
					Ovalue
6) Bromomethane	1.50	94	1698	0.761 ug/L	84
25) Chloroform	4.40	83	16178	3.279 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4622	1.127 ug/L #	58
44) trans-1,3-Dichloropropene	7.64	75	3909	0.957 ug/L	83
46) Tetrachloroethene	7.99	164	9092	4.665 ug/L	96
48) 2-Hexanone	8.13	43	20721	6.684 ug/L #	50
59) 1,2,3-Trichloropropane	11.27	75	22573	6.191 ug/L	96

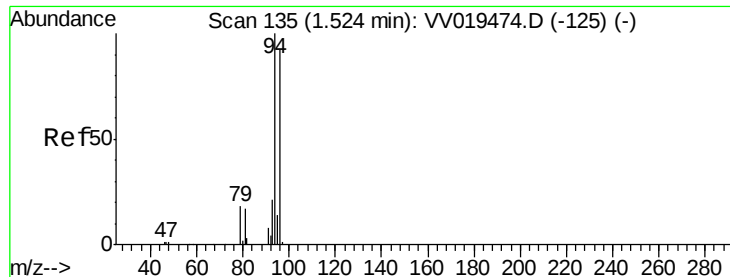
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 05 02:40:32 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.761 ug/L

RT: 1.50 min Scan# 129

Delta R.T. -0.02 min

Lab File: VV019479.D

Acq: 04 Dec 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

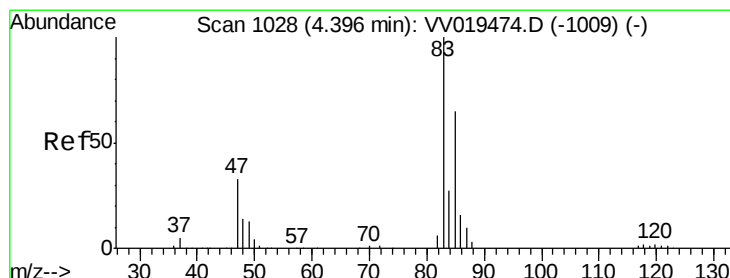
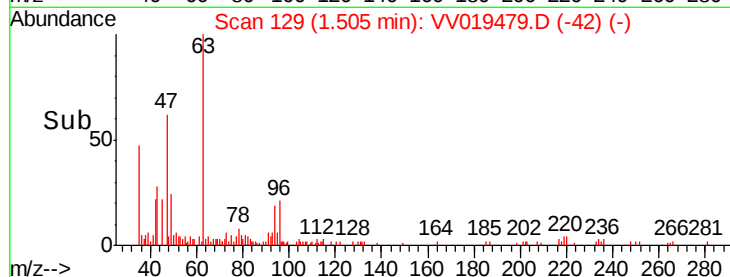
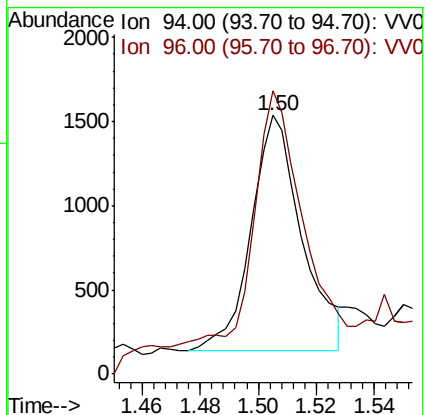
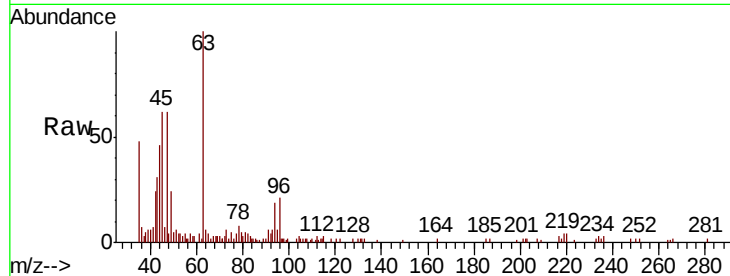
BG4F7ME

Tot Ion: 94 Resp: 1698

Ion Ratio Lower Upper

94 100

96 109.3 65.5 121.7



#25

Chloroform

Concen: 3.279 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV019479.D

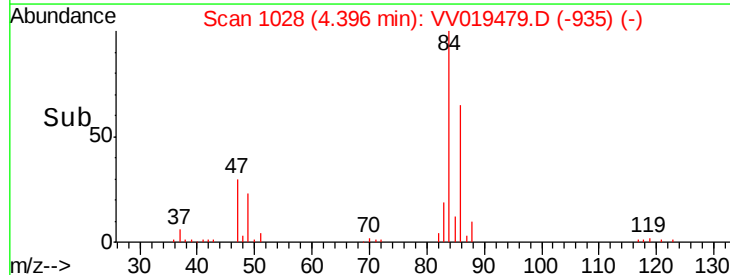
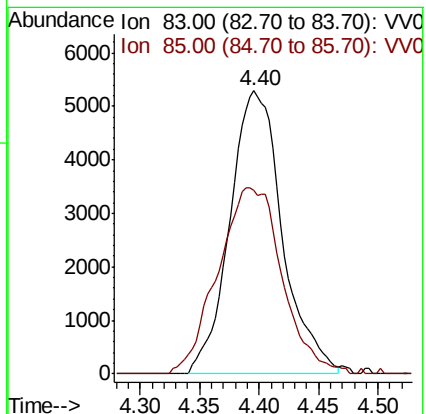
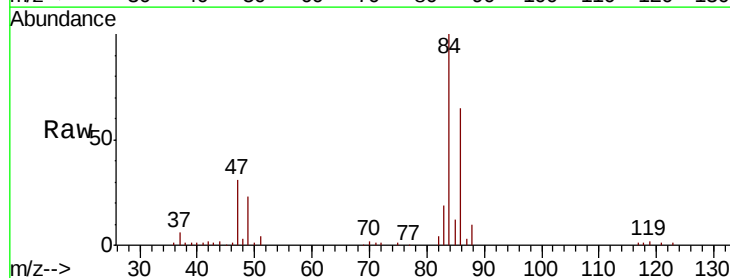
Acq: 04 Dec 2020 15:30

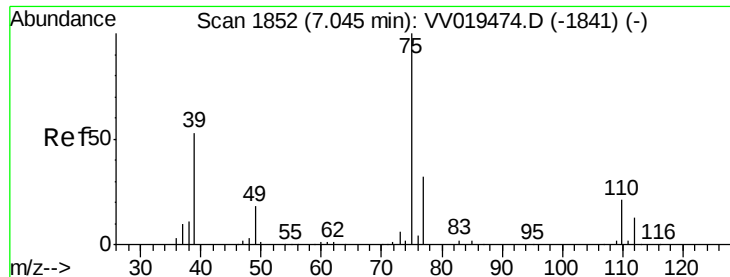
Tgt Ion: 83 Resp: 16178

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9





#39

cis-1,3-Dichloropropene

Concen: 1.127 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019479.D

Acq: 04 Dec 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

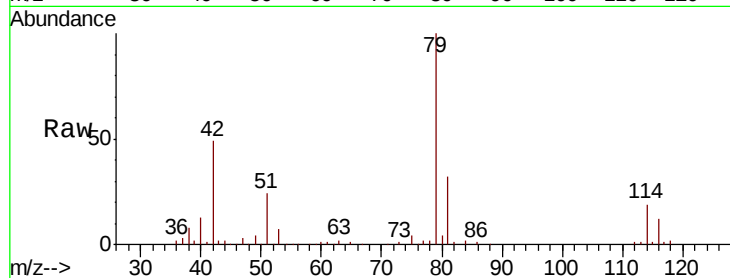
BG4F7ME

Tot Ion: 75 Resp: 4622

Ion Ratio Lower Upper

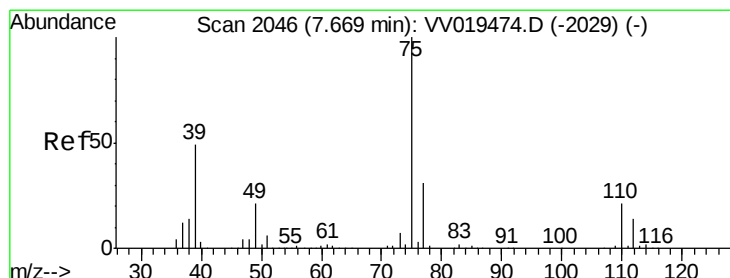
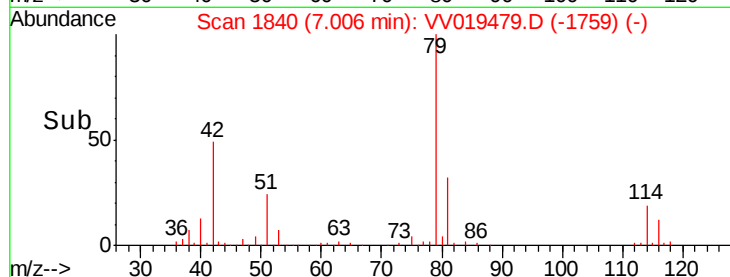
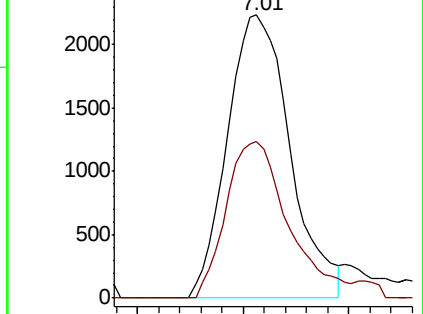
75 100

77 55.4 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019479.D

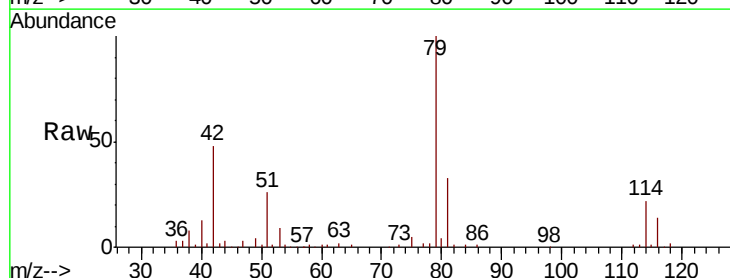
Acq: 04 Dec 2020 15:30

Tgt Ion: 75 Resp: 3909

Ion Ratio Lower Upper

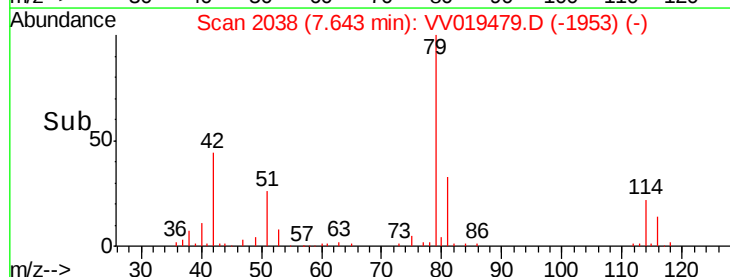
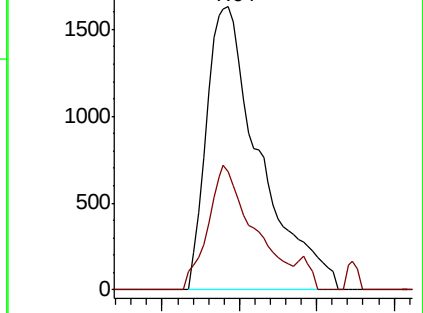
75 100

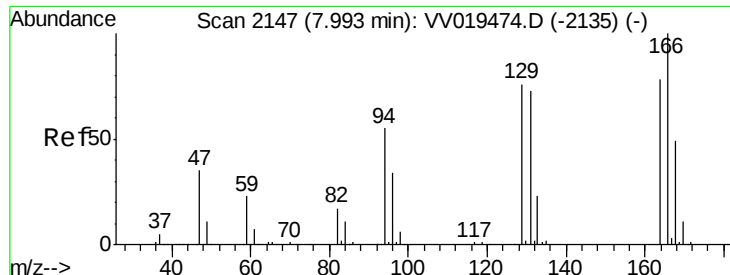
77 41.9 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 4.665 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019479.D

Acq: 04 Dec 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

BG4F7ME

Tot Ion:164 Resp: 9092

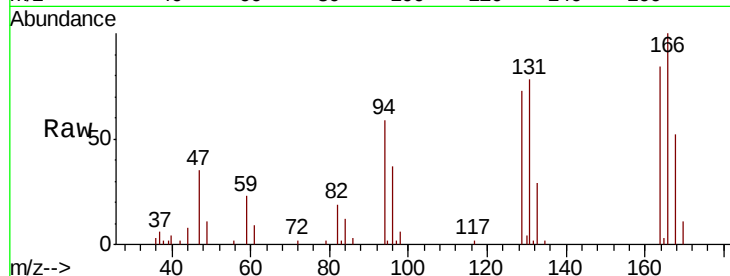
Ion Ratio Lower Upper

164 100

129 87.0 62.9 116.7

131 92.1 61.1 113.5

166 118.5 86.5 160.6

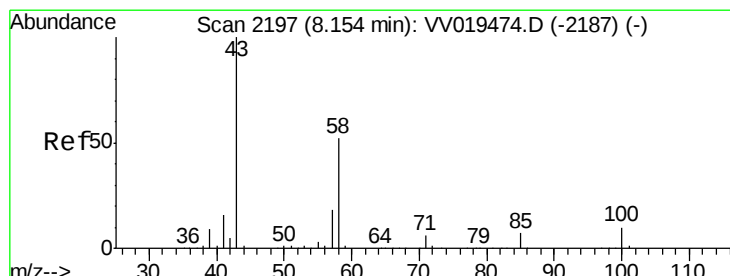
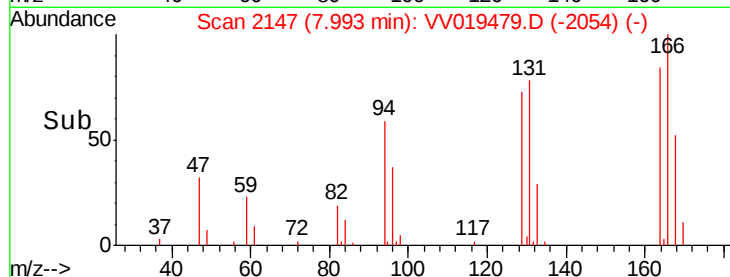
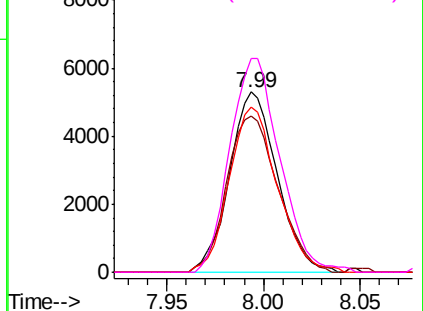


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.684 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VV019479.D

Acq: 04 Dec 2020 15:30

Tgt Ion: 43 Resp: 20721

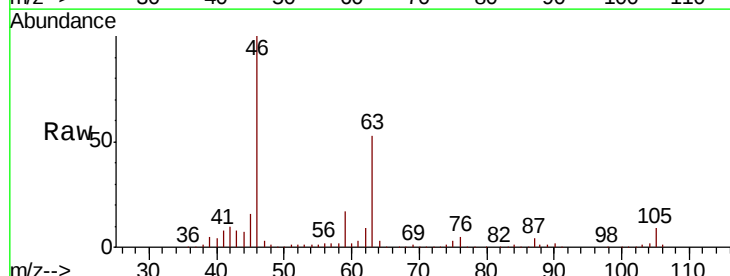
Ion Ratio Lower Upper

43 100

58 7.3 43.8 65.6#

57 11.6 15.4 23.2#

100 0.4 9.0 13.6#

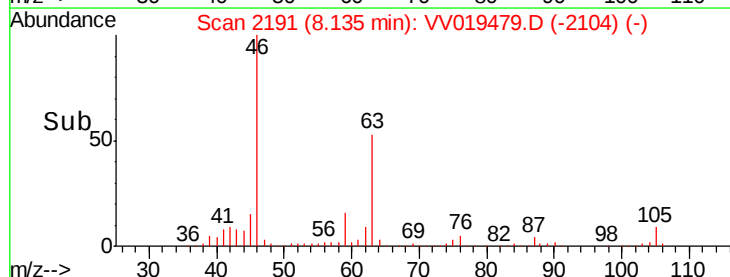
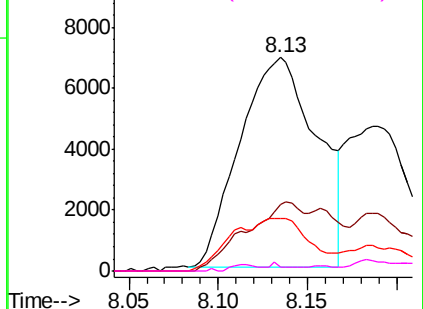


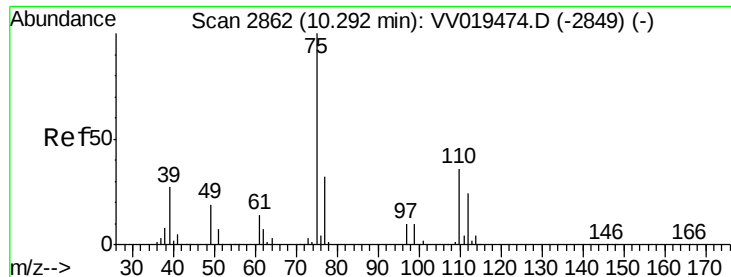
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.191 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019479.D

Acq: 04 Dec 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

BG4F7ME

Tot Ion: 75 Resp: 22573

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8

