

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018059.D
 Acq On : 19 Aug 2020 12:27
 Operator : SY/MD
 Sample : L3709-12ME 10X
 Misc : 6.61g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ5ME

Quant Time: Aug 20 04:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 04:32:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280441	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82530	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.57	69	68602	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.12	63	127521	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	3.89	46	115987	82.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.76%
24) Chloroform-d	4.37	84	161854	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
26) 1,2-Dichloroethane-d4	5.05	65	111479	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
32) Benzene-d6	5.07	84	316109	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
36) 1,2-Dichloropropane-d6	6.09	67	105043	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.33	98	271511	40.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.30%
43) trans-1,3-Dichloropropene-	7.64	79	47362	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.10	63	58543	74.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.21%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	128079	40.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	122646	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%

Target Compounds

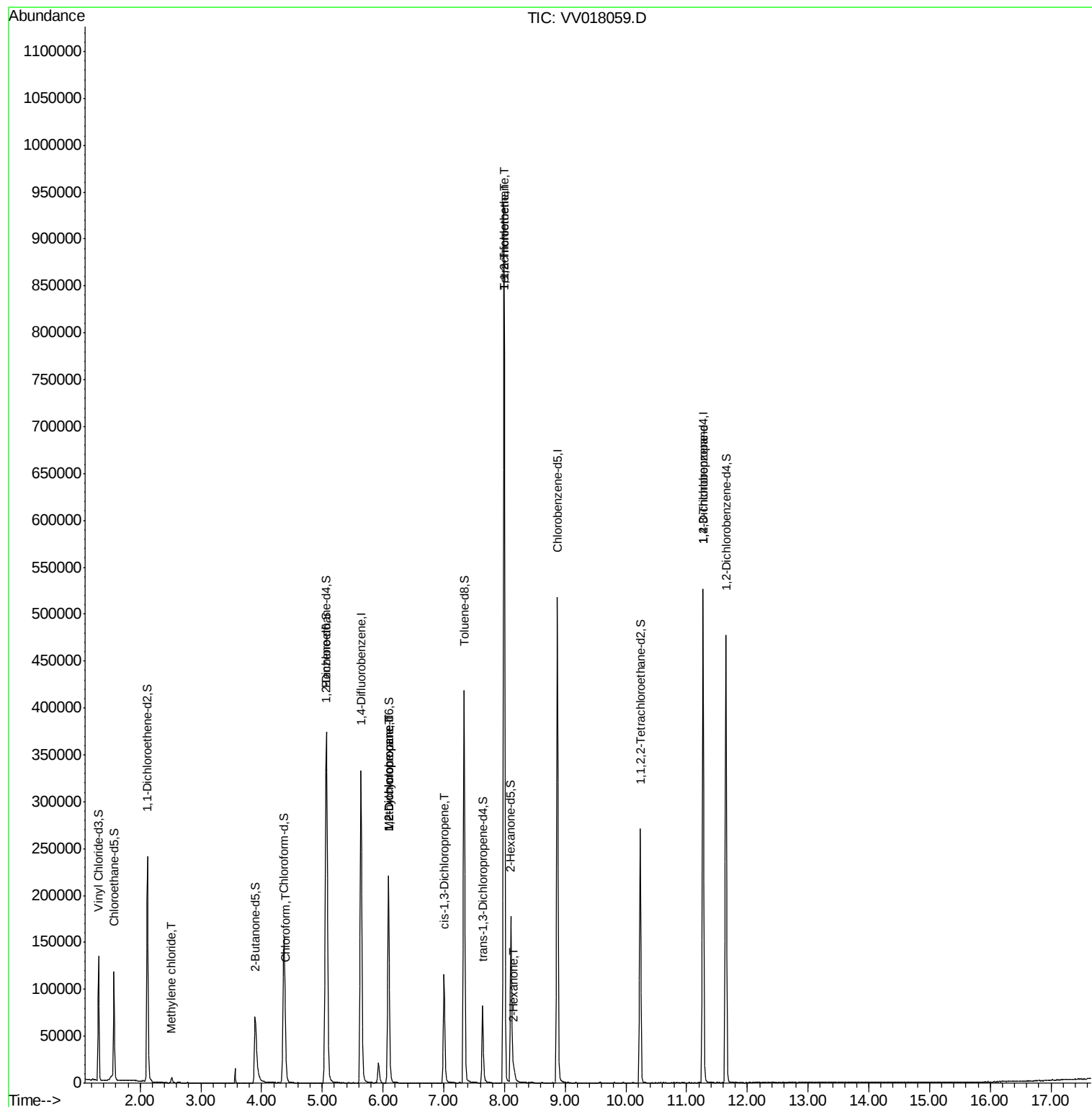
					Ovalue
16) Methylene chloride	2.52	84	2017	0.842 ug/L	85
25) Chloroform	4.40	83	5335	1.345 ug/L	88
35) Methylcyclohexane	6.09	83	25580	7.710 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11547	5.016 ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	2647	0.811 ug/L #	59
45) 1,1,2-Trichloroethane	7.99	97	1646	0.772 ug/L #	8
46) Tetrachloroethene	7.99	164	209377	127.950 ug/L	98
48) 2-Hexanone	8.16	43	6990	2.880 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	15923	5.601 ug/L	93

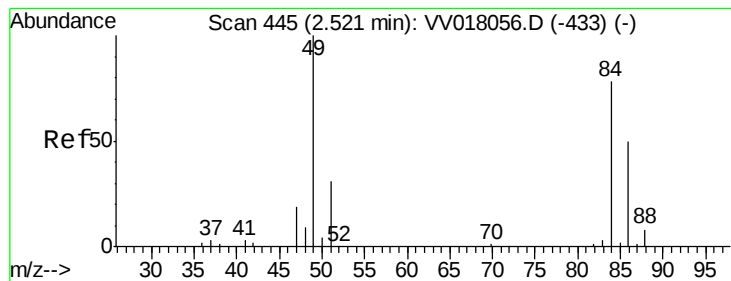
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 20 04:32:09 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.842 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018059.D

Acq: 19 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

BFWQ5ME

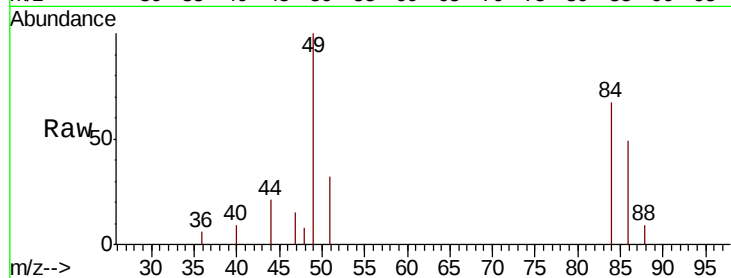
Tot Ion: 84 Resp: 2017

Ion Ratio Lower Upper

84 100

86 72.9 46.3 85.9

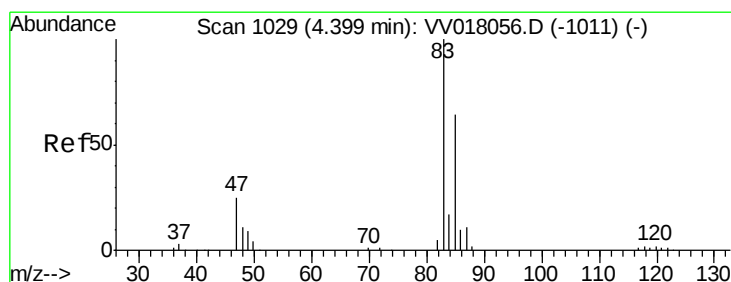
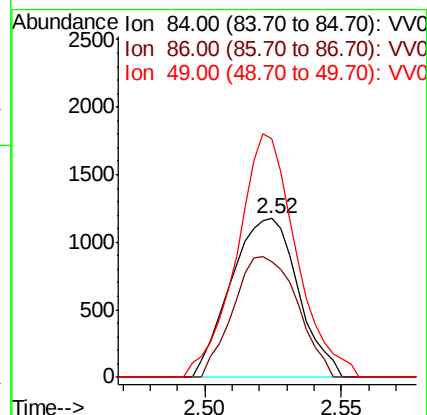
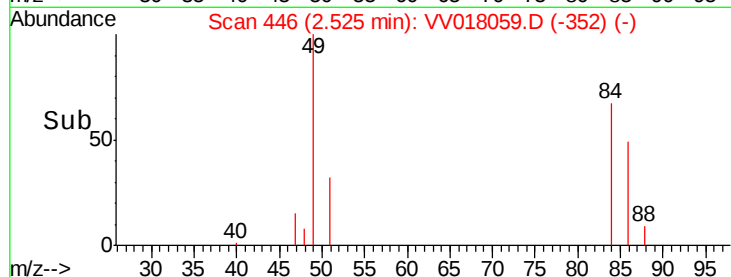
49 150.1 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#25

Chloroform

Concen: 1.345 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018059.D

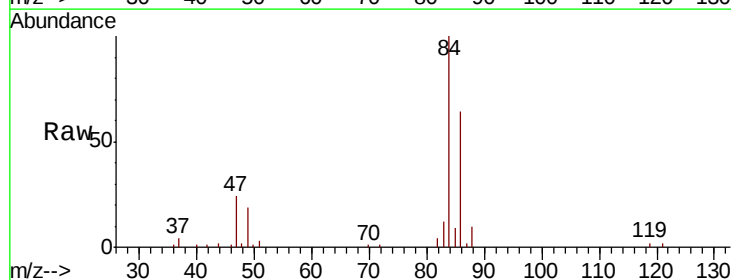
Acq: 19 Aug 2020 12:27

Tgt Ion: 83 Resp: 5335

Ion Ratio Lower Upper

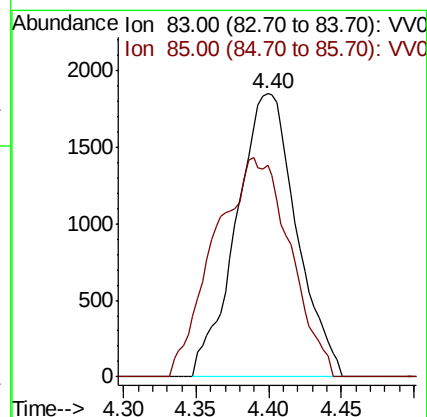
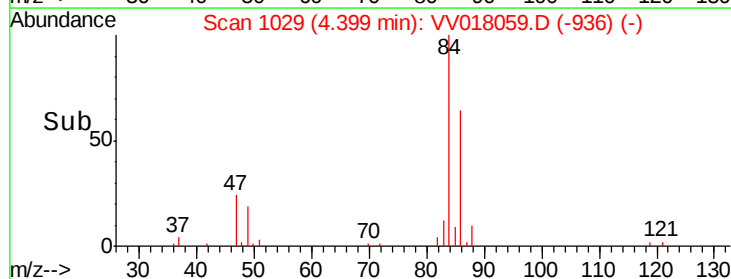
83 100

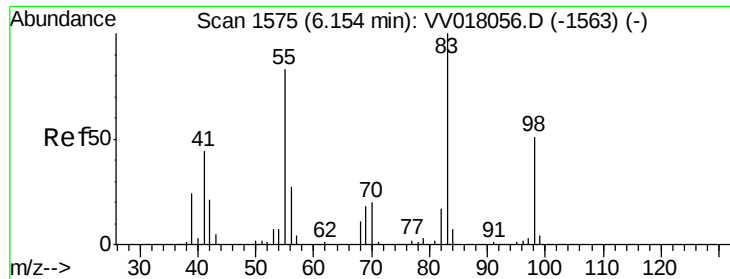
85 74.7 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

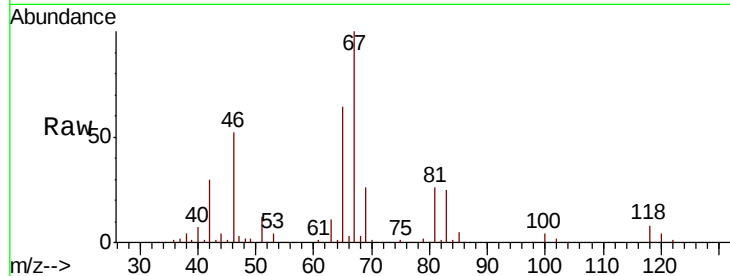




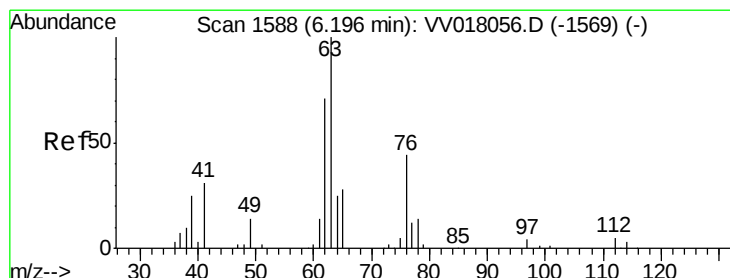
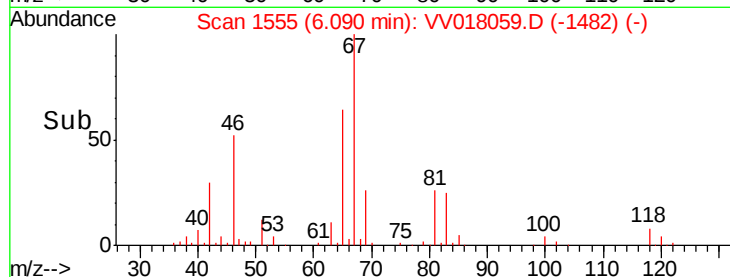
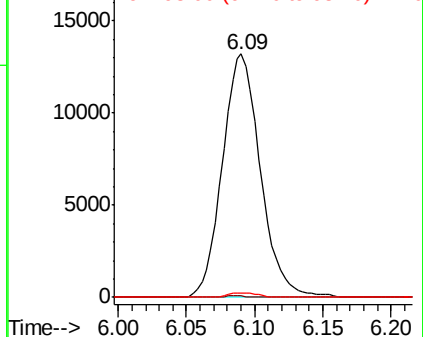
#35
Methvlcvclohexane
Concen: 7.710 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018059.D
Acq: 19 Aug 2020 12:27

Instrument :
MSVOA_V
ClientSampleId :
BFWQ5ME

Tot Ion: 83 Resp: 25580
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.4 38.7 58.1#

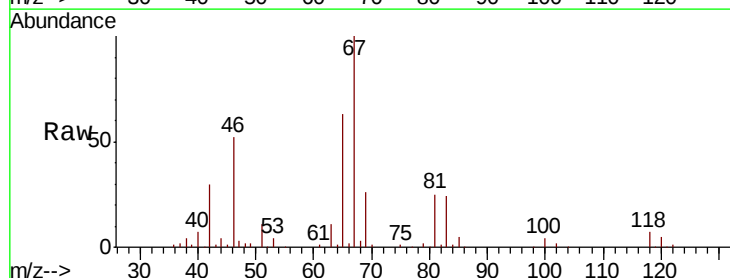


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

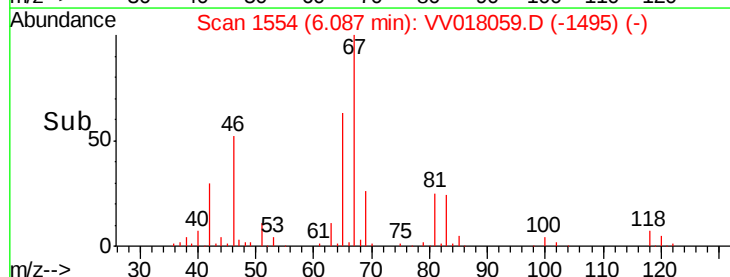
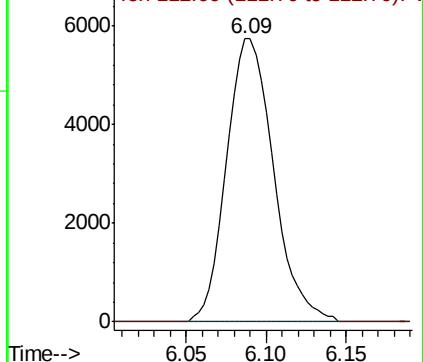


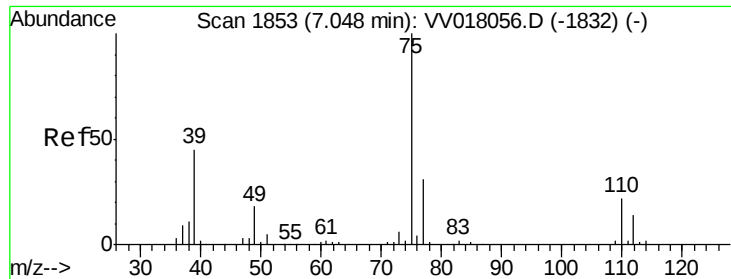
#37
1,2-Dichloropropane
Concen: 5.016 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.11 min
Lab File: VV018059.D
Acq: 19 Aug 2020 12:27

Tgt Ion: 63 Resp: 11547
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

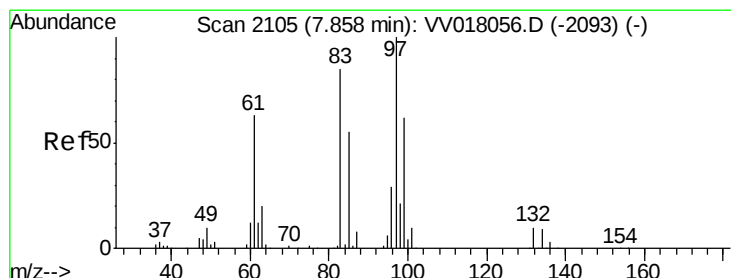
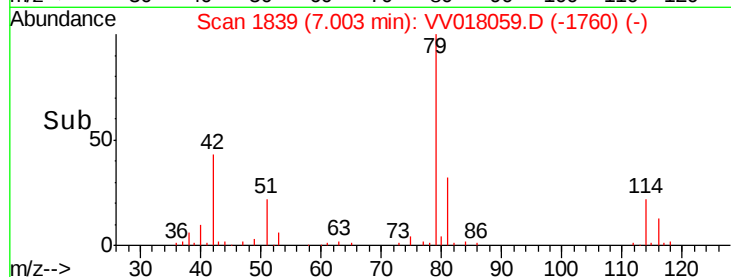
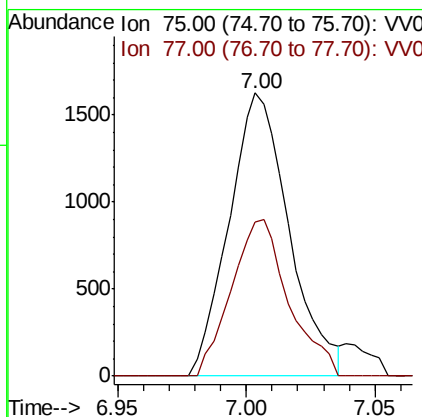
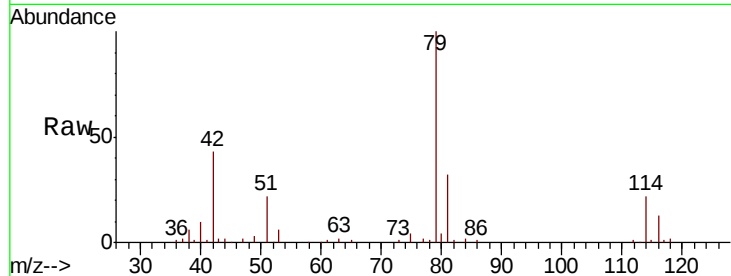




#39
 cis-1,3-Dichloropropene
 Concen: 0.811 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018059.D
 Acq: 19 Aug 2020 12:27

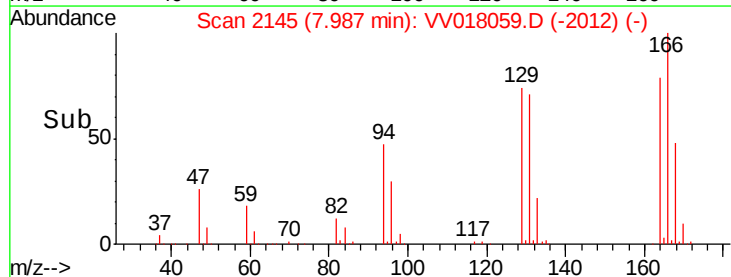
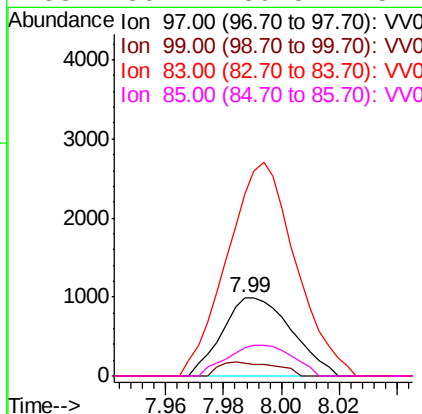
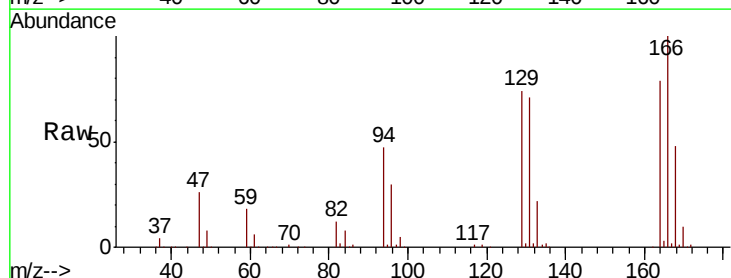
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ5ME

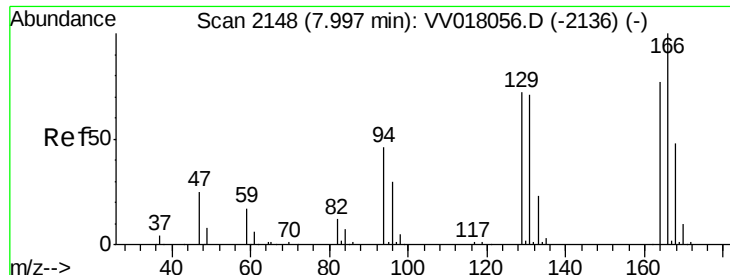
Tot Ion: 75 Resp: 2647
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.3 41.5#



#45
 1,1,2-Trichloroethane
 Concen: 0.772 ug/L
 RT: 7.99 min Scan# 2145
 Delta R.T. 0.13 min
 Lab File: VV018059.D
 Acq: 19 Aug 2020 12:27

Tgt Ion: 97 Resp: 1646
 Ion Ratio Lower Upper
 97 100
 99 16.4 44.2 82.2#
 83 232.1 61.0 113.4#
 85 36.2 39.5 73.4#





#46

Tetrachloroethene

Concen: 127.950 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018059.D

Acq: 19 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

BFWQ5ME

Tot Ion:164 Resp: 209377

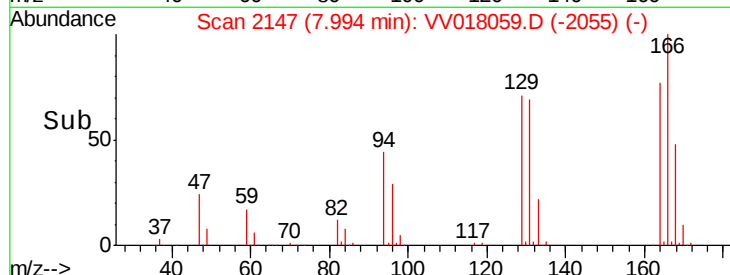
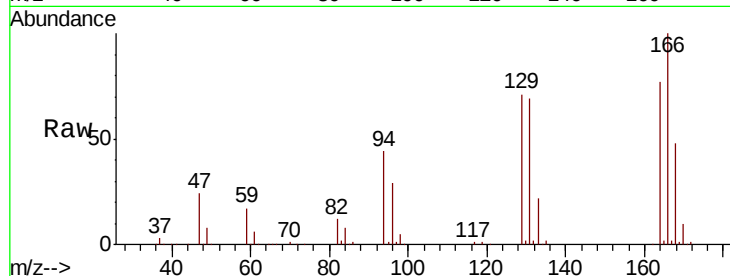
Ion Ratio Lower Upper

164 100

129 92.1 64.8 120.3

131 89.3 64.5 119.9

166 129.1 88.9 165.1

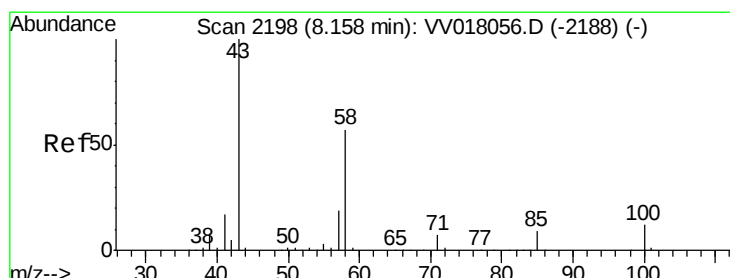
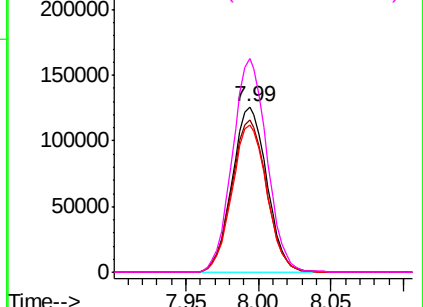


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.880 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018059.D

Acq: 19 Aug 2020 12:27

Tgt Ion: 43 Resp: 6990

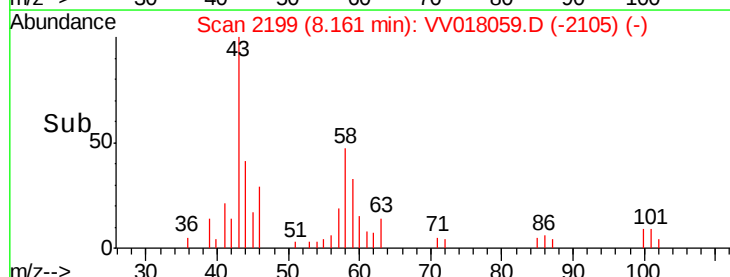
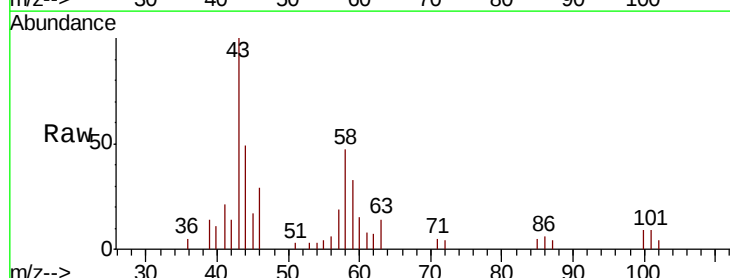
Ion Ratio Lower Upper

43 100

58 41.2 44.4 66.6#

57 18.4 15.2 22.8

100 9.2 9.8 14.6#

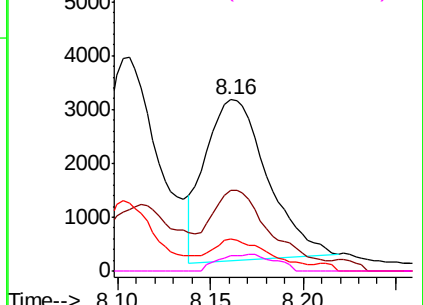


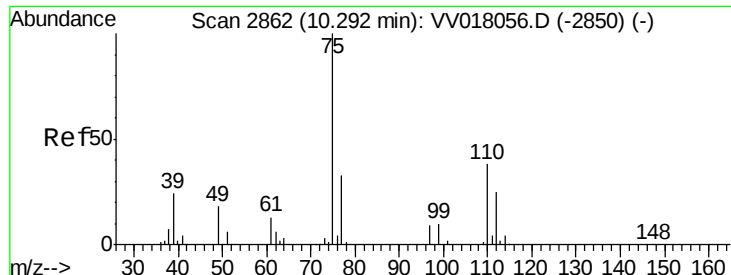
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.601 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018059.D

Acq: 19 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

BFWQ5ME

Tot Ion: 75 Resp: 15923

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5

