

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082020\
 Data File : VV018069.D
 Acq On : 20 Aug 2020 16:12
 Operator : SY/MD
 Sample : L3767-11ME
 Misc : 6.54g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 02:47:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 02:45:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	308754	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113419	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.58	69	85953	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.10	63	164293	36.46	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.92%
21) 2-Butanone-d5	3.92	46	107689	69.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.79%
24) Chloroform-d	4.37	84	187759	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.05	65	129120	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.06	84	392044	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.09	67	125656	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.33	98	356016	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.64	79	58906	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.14	63	64186	72.79	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137856	38.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	135789	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%

Target Compounds

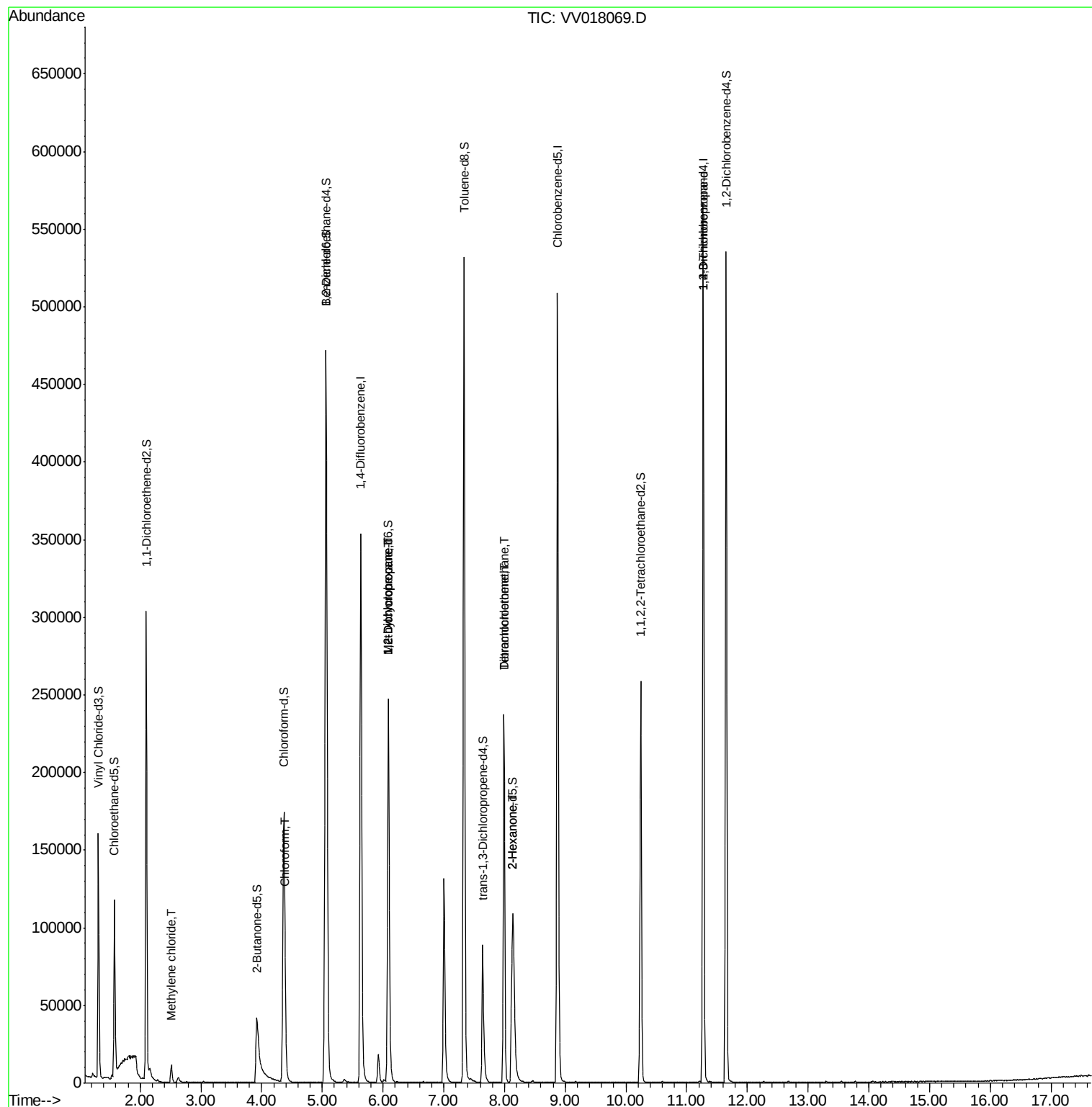
					Ovalue
16) Methylene chloride	2.51	84	4962	1.881 ug/L	88
25) Chloroform	4.40	83	3657	0.838 ug/L	85
35) Methylcyclohexane	6.09	83	29968	8.081 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13910	5.406 ug/L #	87
46) Tetrachloroethene	7.99	164	54263	29.666 ug/L	98
48) 2-Hexanone	8.14	43	7764	2.862 ug/L #	69
49) Dibromochloromethane	7.99	129	48561	20.878 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	17319	5.450 ug/L	94

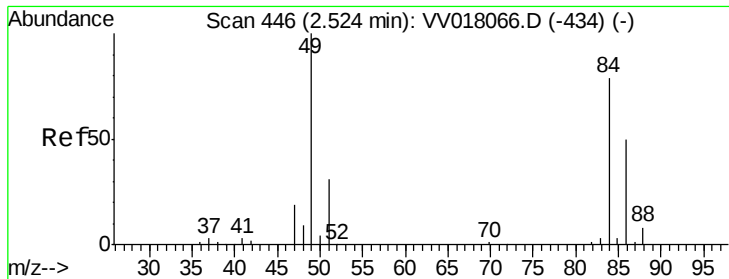
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 02:45:41 2020
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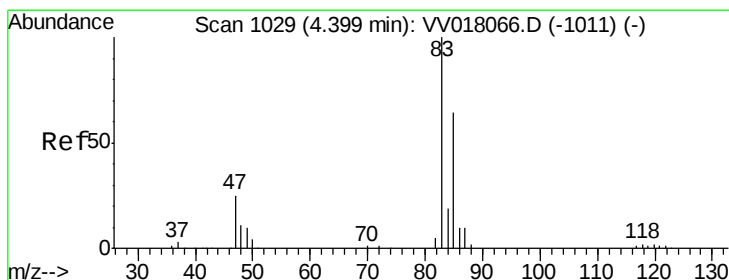
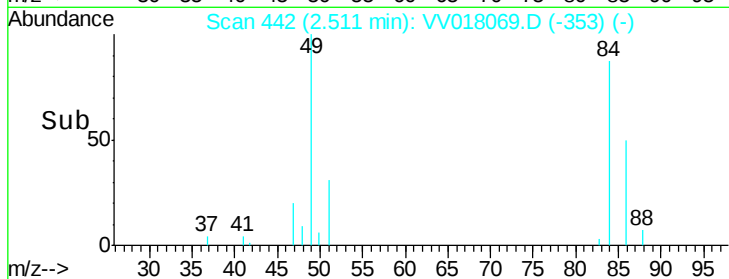
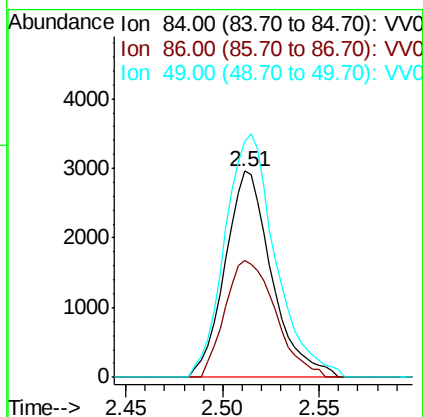
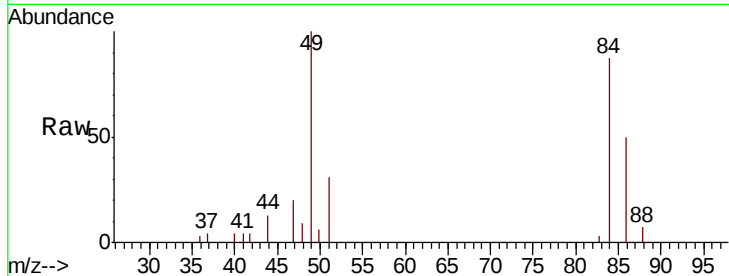




#16
Methvlene chloride
Concen: 1.881 ug/L
RT: 2.51 min Scan# 442
Delta R.T. -0.01 min
Lab File: VV018069.D
Acq: 20 Aug 2020 16:12

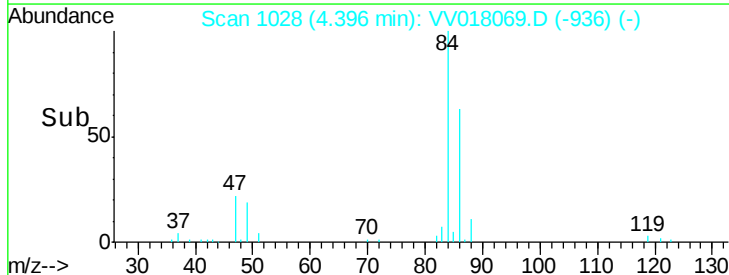
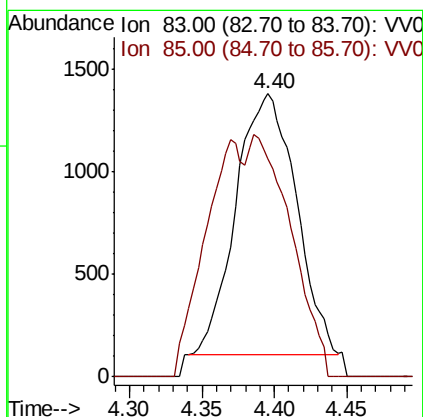
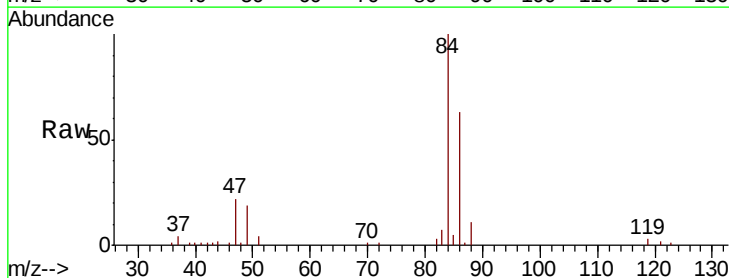
Instrument :
MSVOA_V
ClientSampleId :

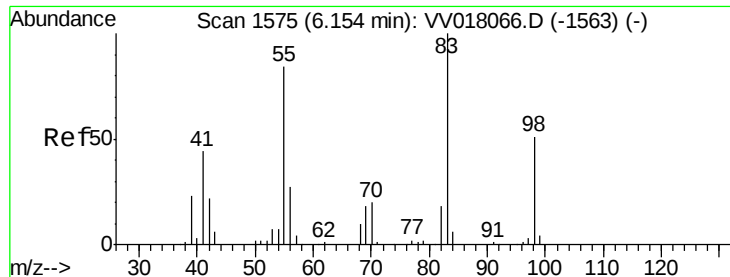
Tot Ion: 84 Resp: 4962
Ion Ratio Lower Upper
84 100
86 56.9 46.3 85.9
49 114.3 89.7 166.5



#25
Chloroform
Concen: 0.838 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV018069.D
Acq: 20 Aug 2020 16:12

Tgt Ion: 83 Resp: 3657
Ion Ratio Lower Upper
83 100
85 77.0 45.5 84.5

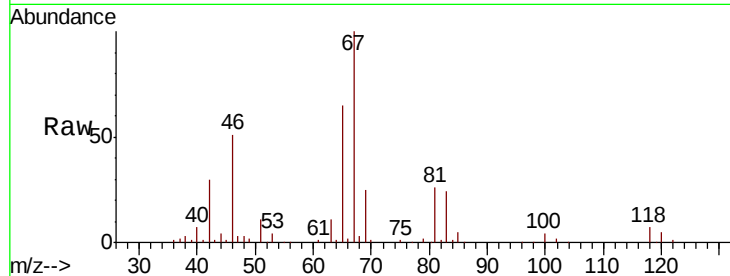




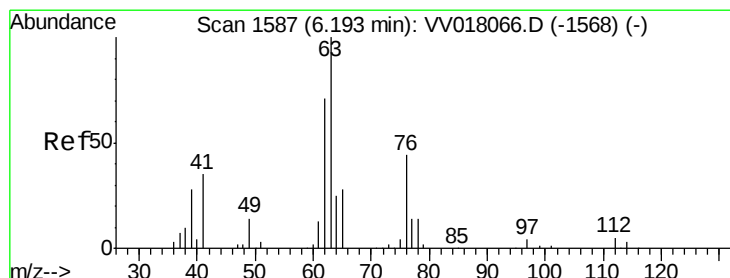
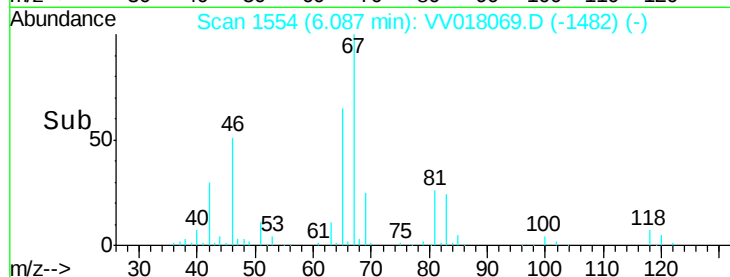
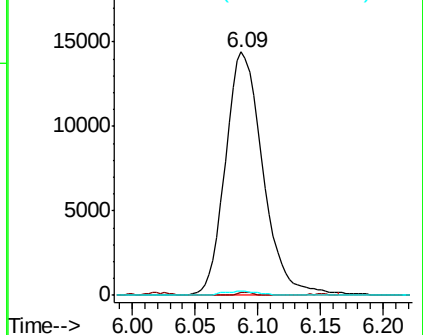
#35
Methvlcvclohexane
Concen: 8.081 ug/L
RT: 6.09 min Scan# 1554
Delta R.T. -0.07 min
Lab File: VV018069.D
Acq: 20 Aug 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 29968
Ion Ratio Lower Upper
83 100
55 0.5 64.9 97.3#
98 1.1 38.7 58.1#

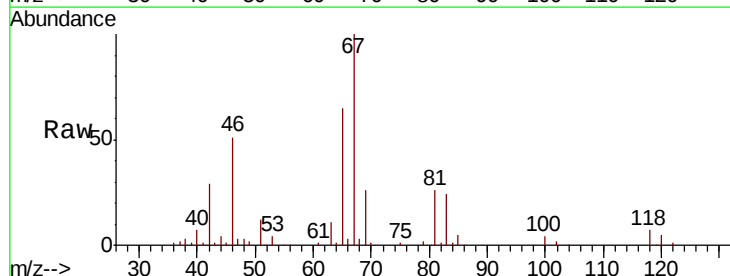


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

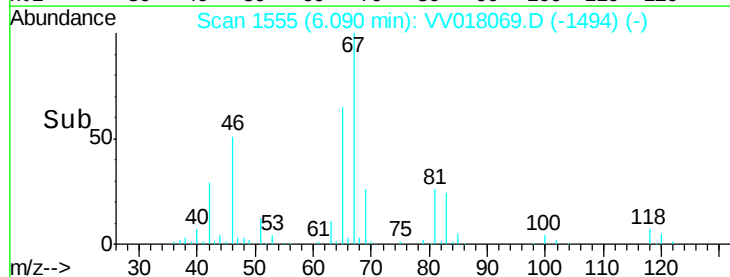
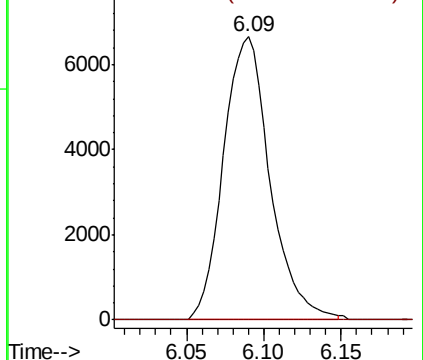


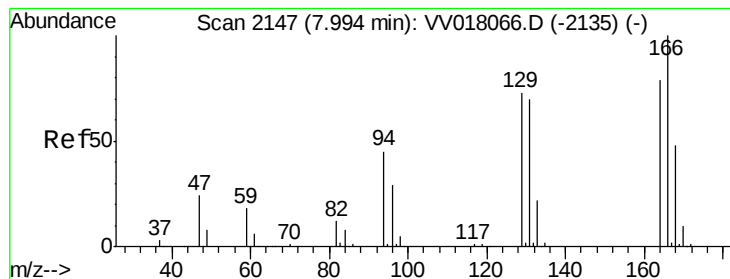
#37
1,2-Dichloropropane
Concen: 5.406 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018069.D
Acq: 20 Aug 2020 16:12

Tgt Ion: 63 Resp: 13910
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





#46

Tetrachloroethene

Concen: 29.666 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018069.D

Acq: 20 Aug 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 54263

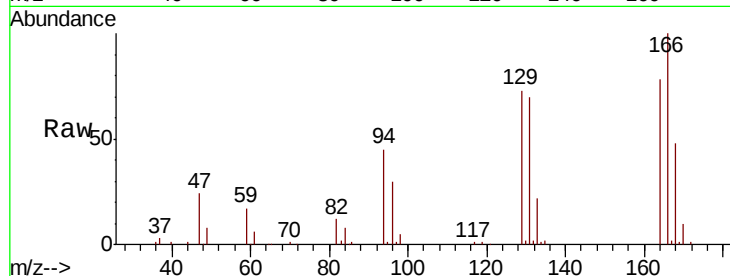
Ion Ratio Lower Upper

164 100

129 93.5 64.8 120.3

131 89.7 64.5 119.9

166 128.7 88.9 165.1

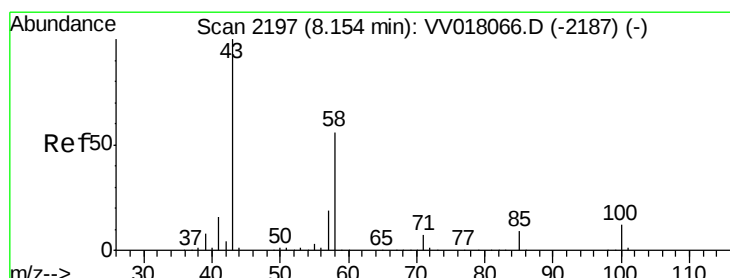
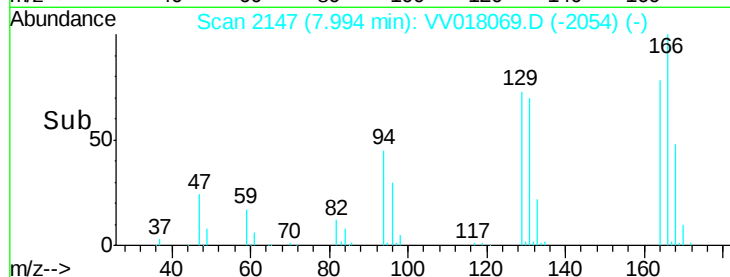
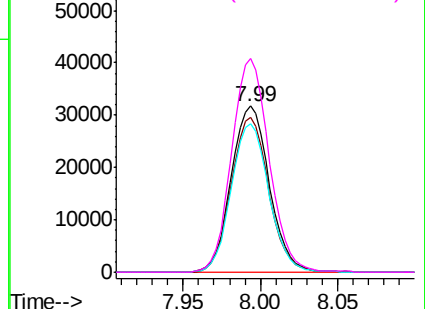


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.862 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV018069.D

Acq: 20 Aug 2020 16:12

Tgt Ion: 43 Resp: 7764

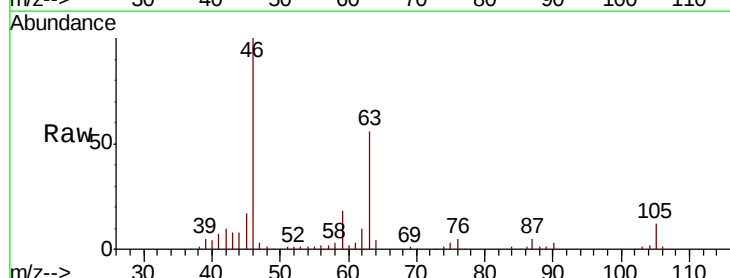
Ion Ratio Lower Upper

43 100

58 27.2 44.4 66.6#

57 15.4 15.2 22.8

100 0.0 9.8 14.6#

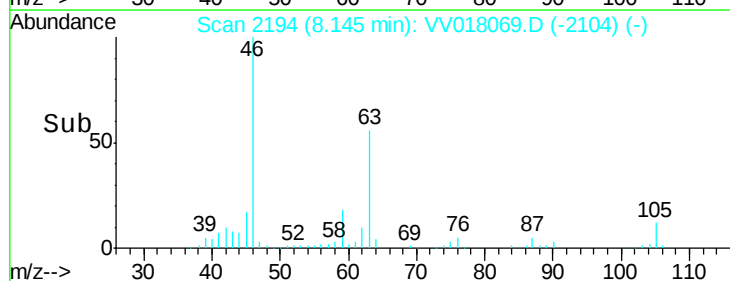
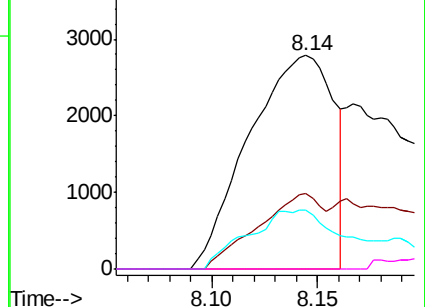


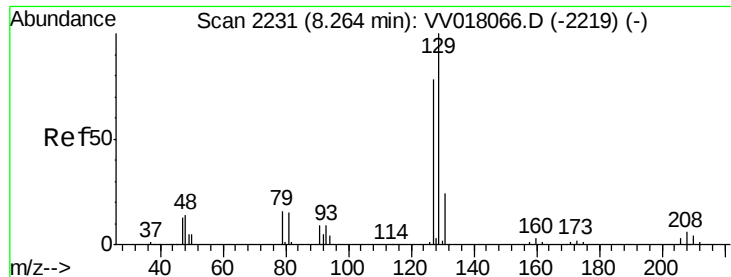
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 20.878 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV018069.D

Acq: 20 Aug 2020 16:12

Instrument :

MSVOA_V

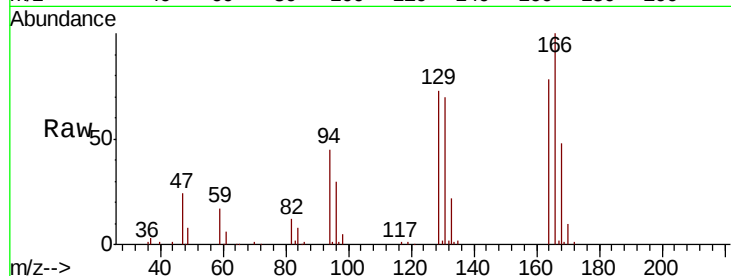
ClientSampleId :

Tot Ion:129 Resp: 48561

Ion Ratio Lower Upper

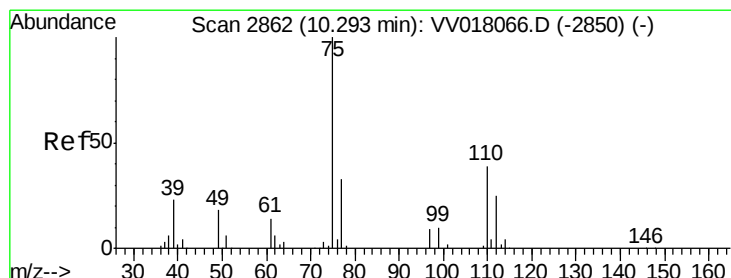
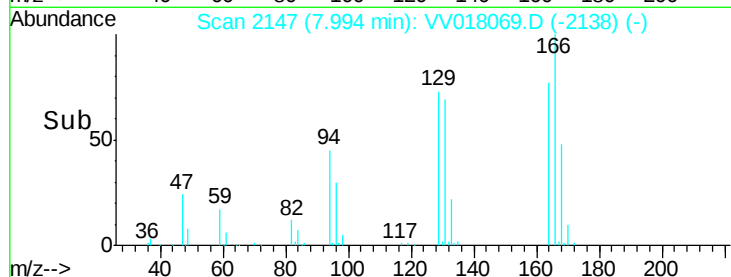
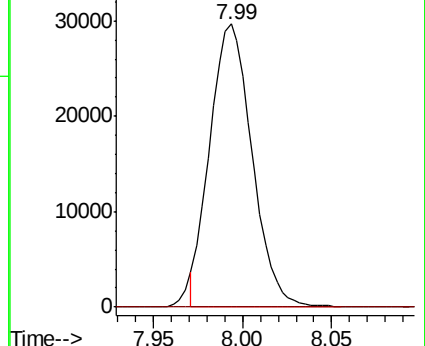
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.450 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018069.D

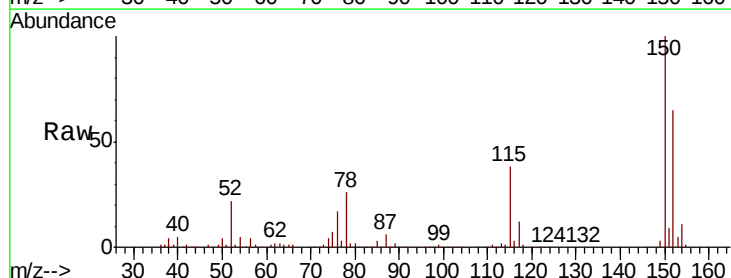
Acq: 20 Aug 2020 16:12

Tgt Ion: 75 Resp: 17319

Ion Ratio Lower Upper

75 100

77 35.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

