

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018967.D
 Acq On : 19 Oct 2020 13:36
 Operator : SY/MD
 Sample : L4382-11ME 20X
 Misc : 4.39g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X9ME

Quant Time: Oct 20 01:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107055	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.48%
7) Chloroethane-d5	1.58	69	88597	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.06%
11) 1,1-Dichloroethene-d2	2.12	63	168501	33.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.10%
21) 2-Butanone-d5	3.90	46	156276	84.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.27%
24) Chloroform-d	4.37	84	197806	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.76%
26) 1,2-Dichloroethane-d4	5.06	65	143054	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
32) Benzene-d6	5.07	84	387384	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.09	67	128685	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.50%
41) Toluene-d8	7.34	98	337204	39.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.84%#
43) trans-1,3-Dichloropropene-	7.64	79	59757	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.22%
47) 2-Hexanone-d5	8.11	63	95378	85.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136837	38.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	148872	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

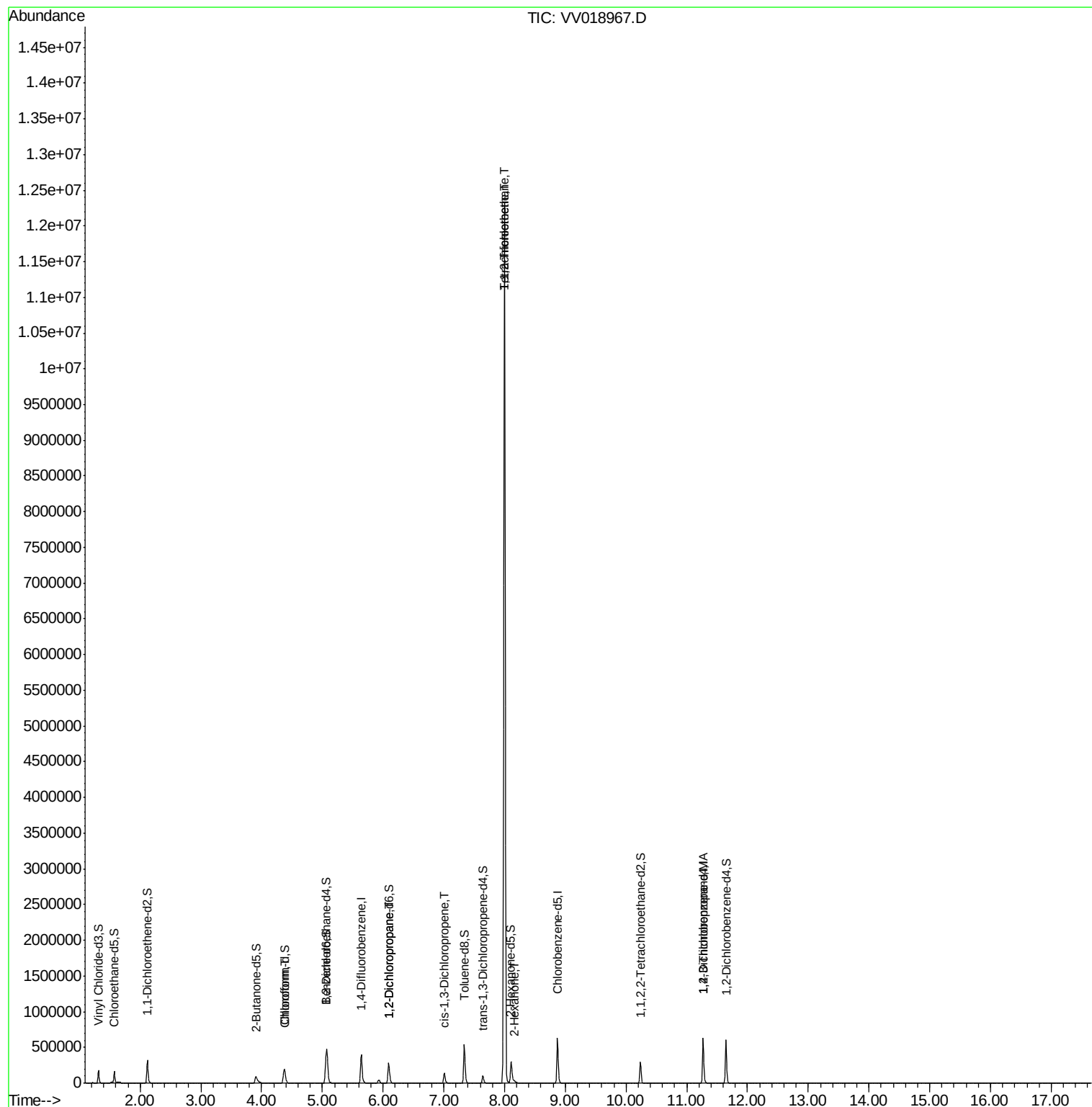
					Ovalue
25) Chloroform	4.40	83	4130	0.895 ug/L	81
37) 1,2-Dichloropropane	6.09	63	15025	5.677 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3758	0.945 ug/L #	54
45) 1,1,2-Trichloroethane	8.00	97	23900	9.708 ug/L #	1
46) Tetrachloroethene	8.00	164	2658626	1323.124 ug/L	99
48) 2-Hexanone	8.16	43	14502	5.011 ug/L #	90
59) 1,2,3-Trichloropropane	11.27	75	18761	5.856 ug/L	94

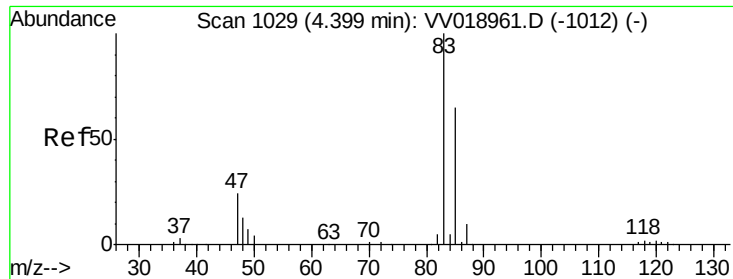
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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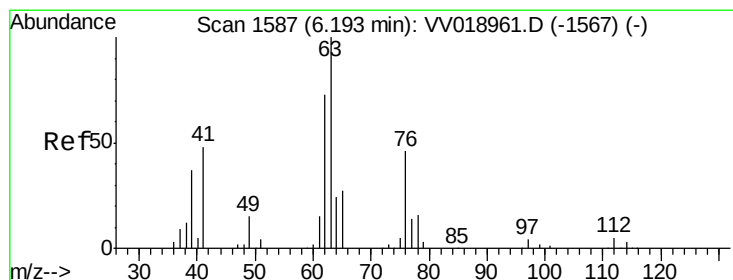
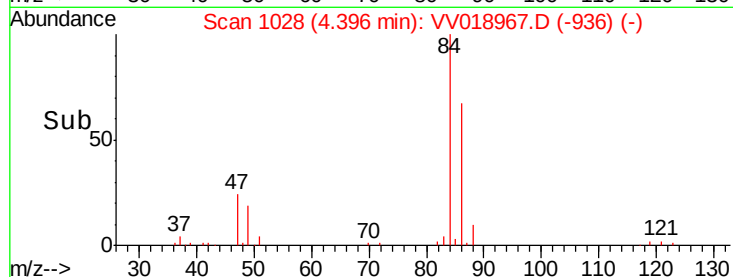
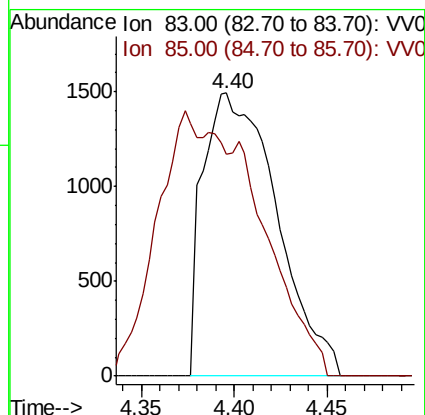
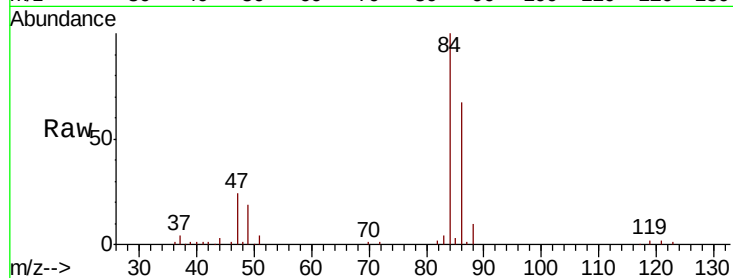




#25
Chloroform
Concen: 0.895 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV018967.D
Acq: 19 Oct 2020 13:36

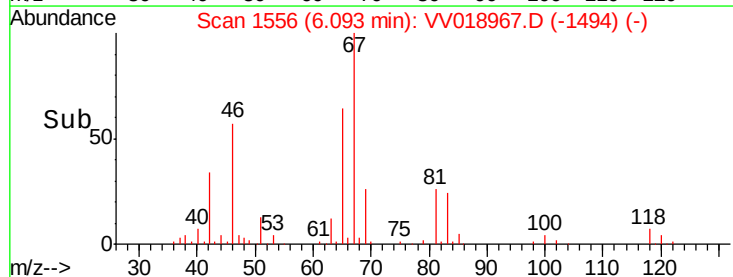
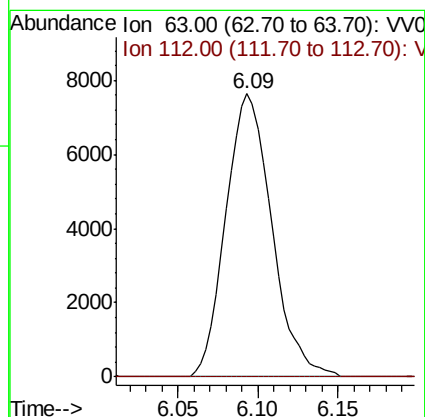
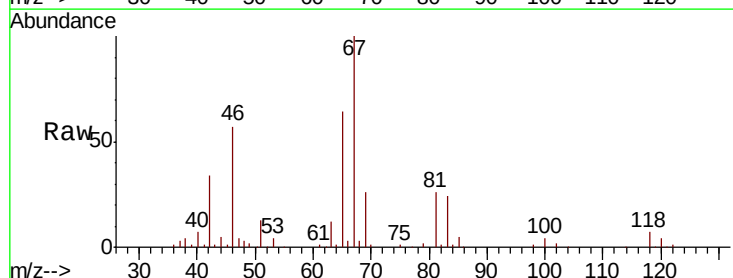
Instrument :
MSVOA_V
ClientSampleId :
BG3X9ME

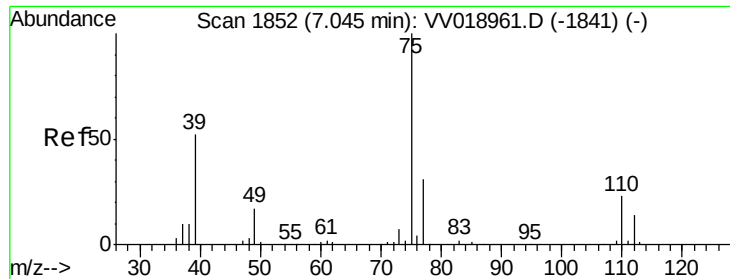
Tot Ion: 83 Resp: 4130
Ion Ratio Lower Upper
83 100
85 78.6 44.6 82.8



#37
1,2-Dichloropropane
Concen: 5.677 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018967.D
Acq: 19 Oct 2020 13:36

Tgt Ion: 63 Resp: 15025
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

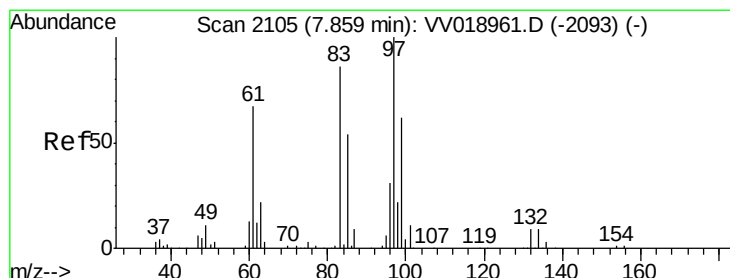
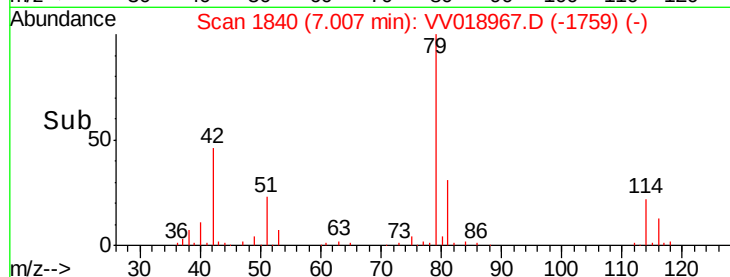
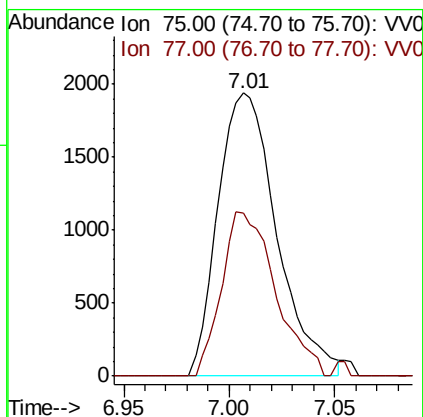
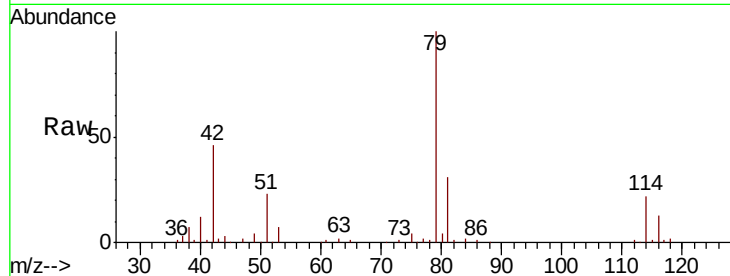




#39
 cis-1,3-Dichloropropene
 Concen: 0.945 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018967.D
 Acq: 19 Oct 2020 13:36

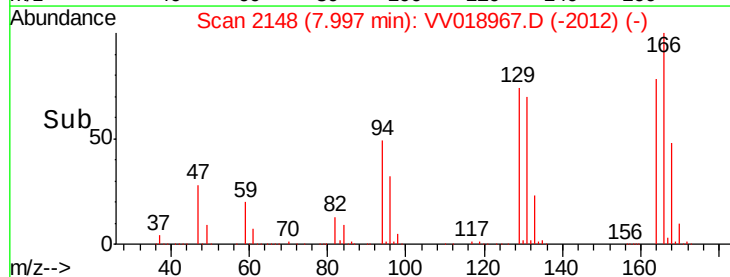
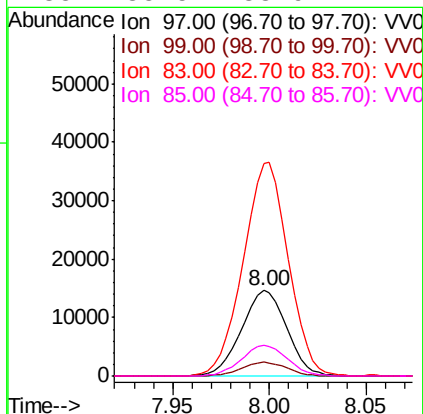
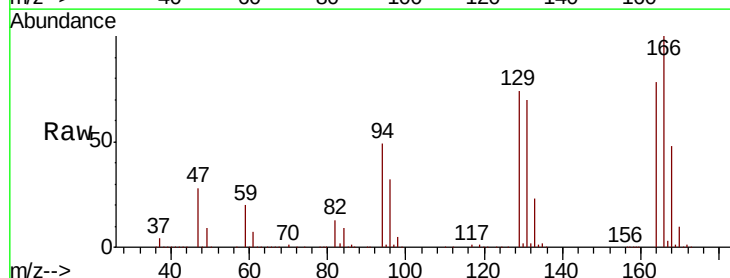
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X9ME

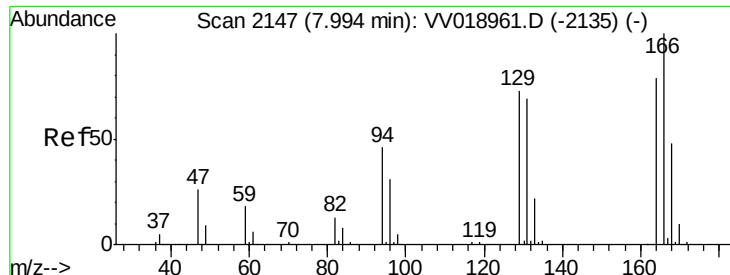
Tot Ion: 75 Resp: 3758
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.5 41.9#



#45
 1,1,2-Trichloroethane
 Concen: 9.708 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.14 min
 Lab File: VV018967.D
 Acq: 19 Oct 2020 13:36

Tgt Ion: 97 Resp: 23900
 Ion Ratio Lower Upper
 97 100
 99 16.2 43.8 81.4#
 83 248.1 61.0 113.4#
 85 35.5 38.9 72.2#





#46

Tetrachloroethene

Concen: 1323.124 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018967.D

Acq: 19 Oct 2020 13:36

Instrument :

MSVOA_V

ClientSampleId :

BG3X9ME

Tot Ion:164 Resp: 2658626

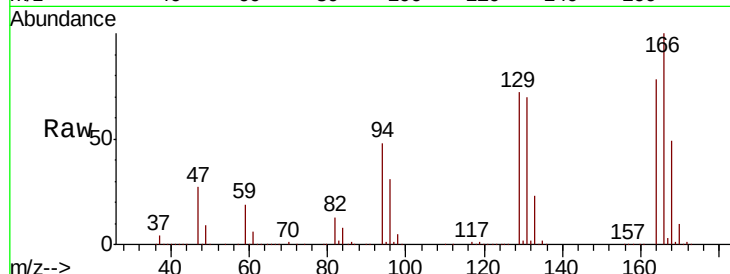
Ion Ratio Lower Upper

164 100

129 92.9 65.0 120.8

131 89.3 62.9 116.7

166 128.3 91.1 169.3

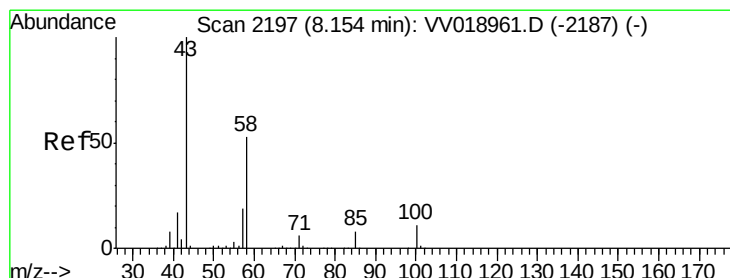
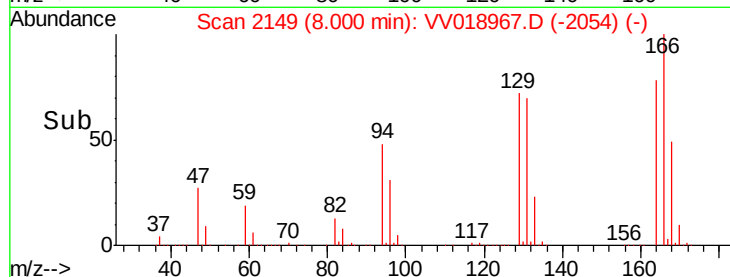
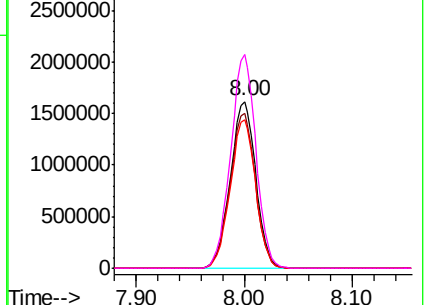


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.011 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018967.D

Acq: 19 Oct 2020 13:36

Tgt Ion: 43 Resp: 14502

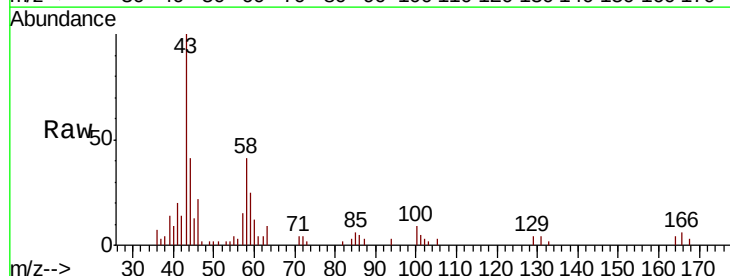
Ion Ratio Lower Upper

43 100

58 45.5 42.5 63.7

57 14.3 14.5 21.7#

100 7.4 9.0 13.4#

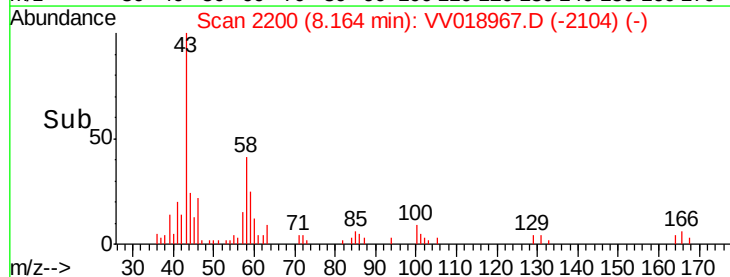
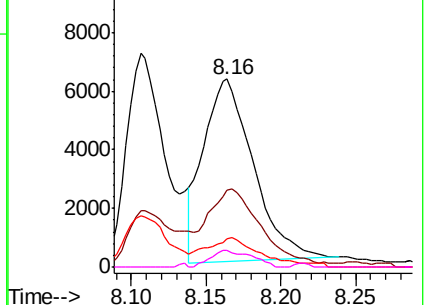


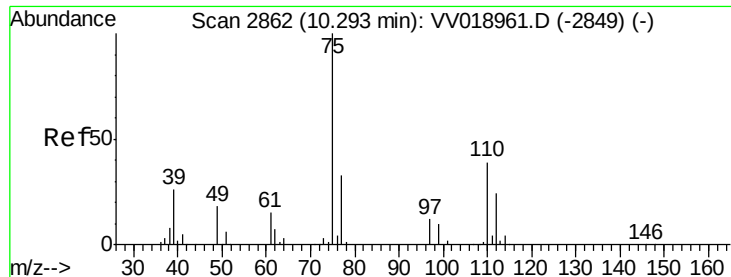
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.856 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018967.D

Acq: 19 Oct 2020 13:36

Instrument :

MSVOA_V

ClientSampleId :

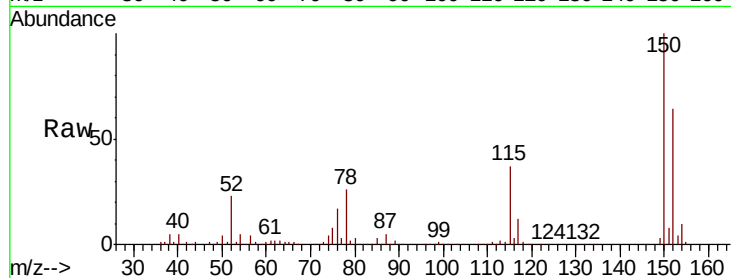
BG3X9ME

Tot Ion: 75 Resp: 18761

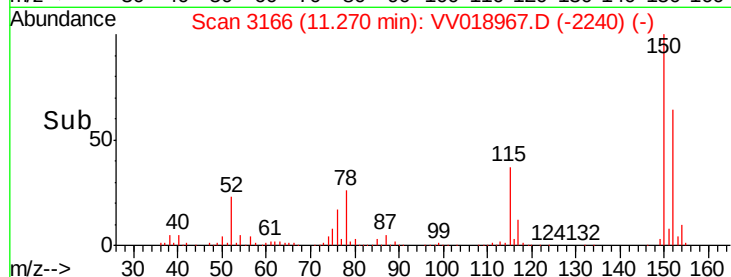
Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0



Ion 77.00 (76.70 to 77.70): VV0

