

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018957.D
 Acq On : 16 Oct 2020 23:10
 Operator : SY/MD
 Sample : L4426-10ME
 Misc : 5.66G/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y5ME

Quant Time: Oct 17 06:06:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316035	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	317808	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85353	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.62%
7) Chloroethane-d5	1.57	69	68516	33.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.48%#
11) 1,1-Dichloroethene-d2	2.10	63	134028	27.29	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.58%#
21) 2-Butanone-d5	3.92	46	108542	59.86	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	59.86%
24) Chloroform-d	4.37	84	149113	31.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.80%#
26) 1,2-Dichloroethane-d4	5.05	65	112080	36.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.26%
32) Benzene-d6	5.07	84	303980	32.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.52%#
36) 1,2-Dichloropropane-d6	6.09	67	98463	33.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.38%#
41) Toluene-d8	7.34	98	270238	32.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.94%#
43) trans-1,3-Dichloropropene-	7.64	79	46058	31.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.52%
47) 2-Hexanone-d5	8.14	63	67592	61.34	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	61.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99478	28.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	57.22%#
64) 1,2-Dichlorobenzene-d4	11.65	152	107435	36.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.22%#

Target Compounds

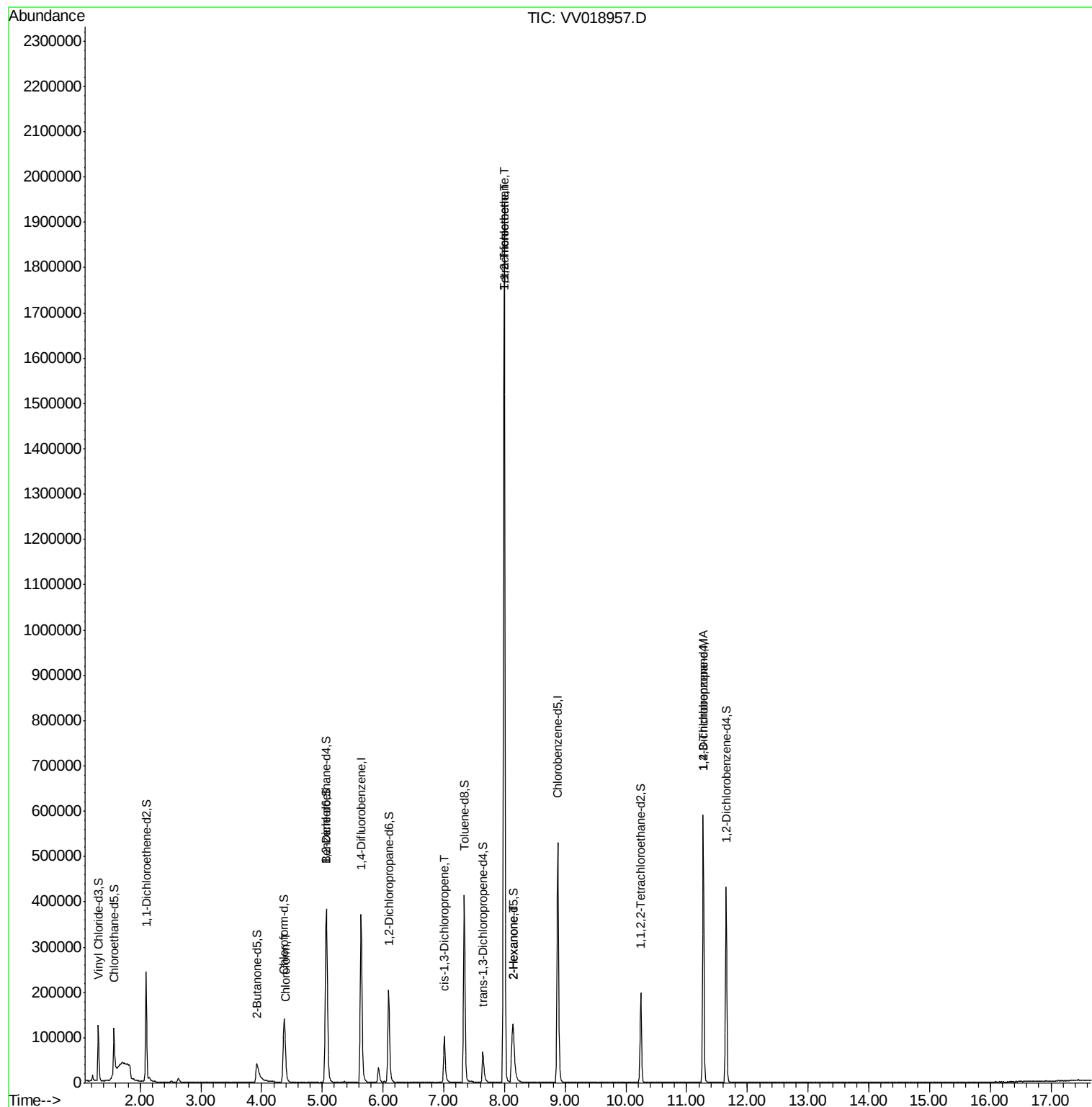
					Ovalue
25) Chloroform	4.40	83	5124	1.136 ug/L	82
39) cis-1,3-Dichloropropene	7.01	75	3073	0.784 ug/L #	74
45) 1,1,2-Trichloroethane	7.99	97	3768	1.553 ug/L #	1
46) Tetrachloroethene	8.00	164	431041	217.704 ug/L	99
48) 2-Hexanone	8.14	43	5891	2.066 ug/L #	92
59) 1,2,3-Trichloropropane	11.27	75	17877	5.663 ug/L	90

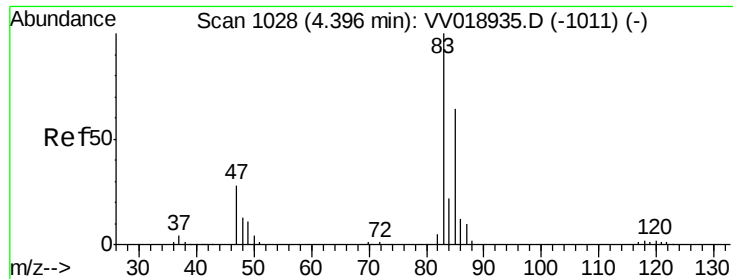
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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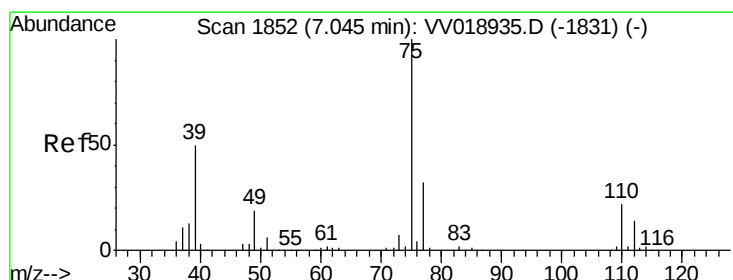
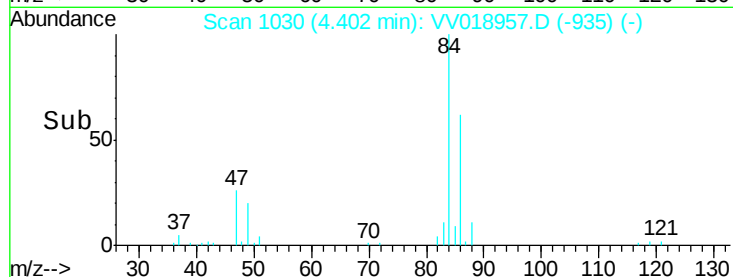
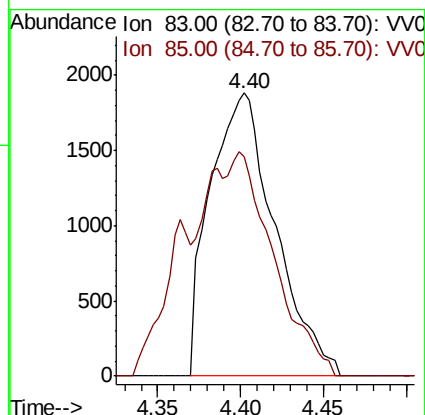
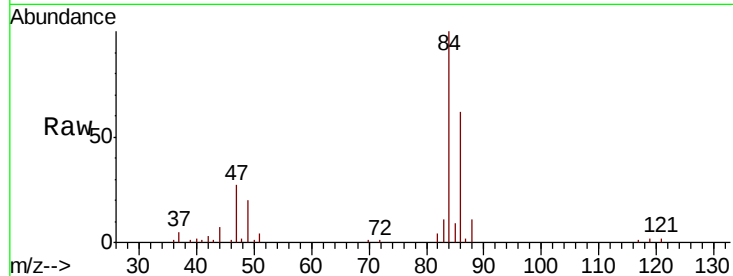




#25
Chloroform
Concen: 1.136 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV018957.D
Acq: 16 Oct 2020 23:10

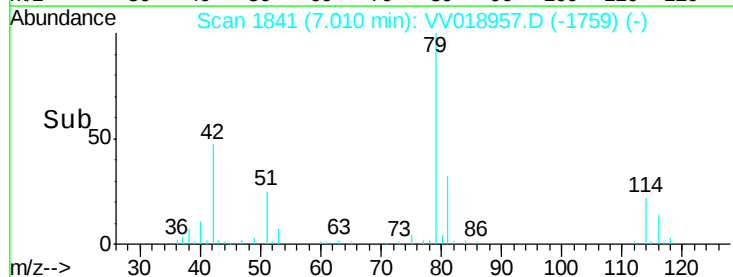
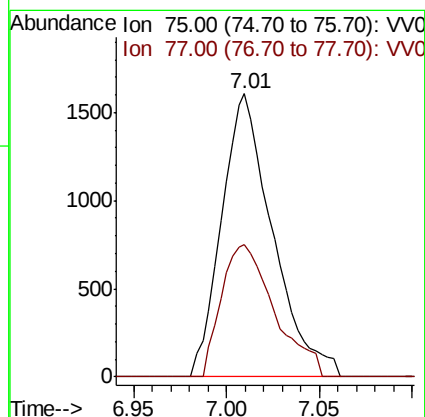
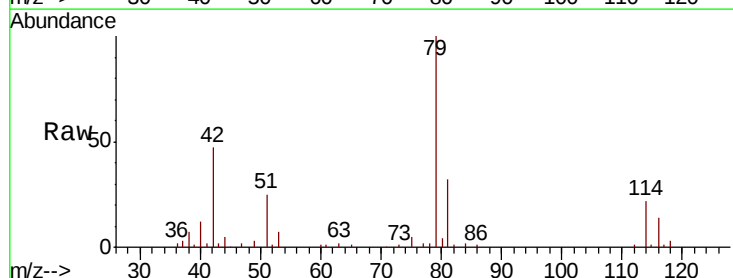
Instrument :
MSVOA_V
ClientSampleId :
BG3Y5ME

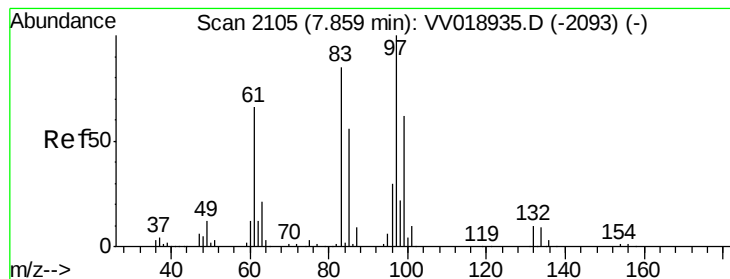
Tot Ion: 83 Resp: 5124
Ion Ratio Lower Upper
83 100
85 77.7 44.6 82.8



#39
cis-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018957.D
Acq: 16 Oct 2020 23:10

Tgt Ion: 75 Resp: 3073
Ion Ratio Lower Upper
75 100
77 46.8 22.5 41.9#





#45

1,1,2-Trichloroethane

Concen: 1.553 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018957.D

Acq: 16 Oct 2020 23:10

Instrument :

MSVOA_V

ClientSampleId :

BG3Y5ME

Tot Ion: 97 Resp: 3768

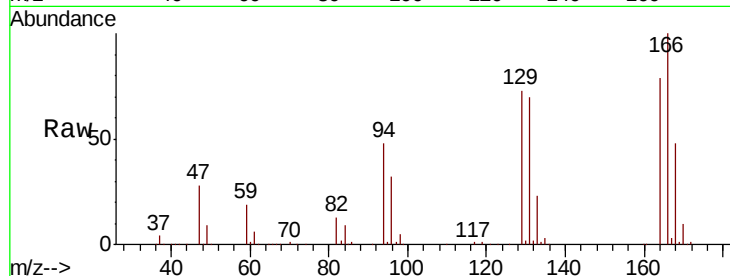
Ion Ratio Lower Upper

97 100

99 15.7 43.8 81.4#

83 266.6 61.0 113.4#

85 35.7 38.9 72.2#

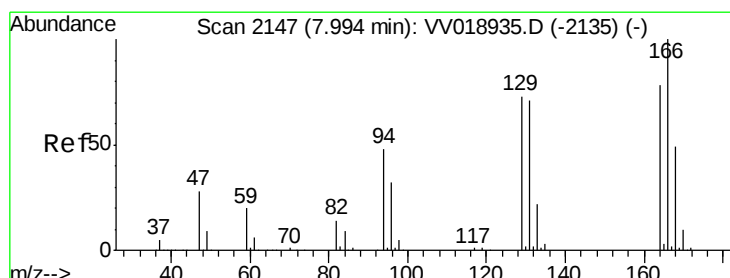
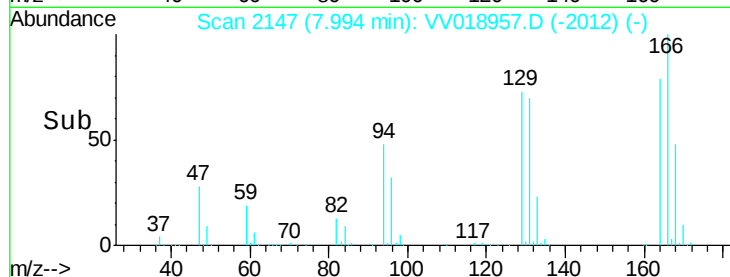
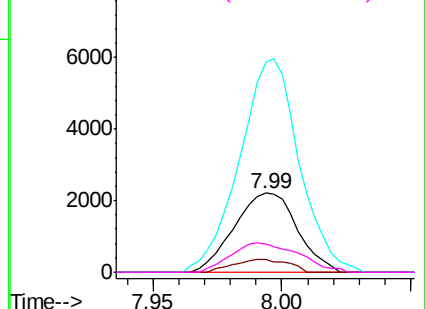


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 217.704 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018957.D

Acq: 16 Oct 2020 23:10

Tgt Ion: 164 Resp: 431041

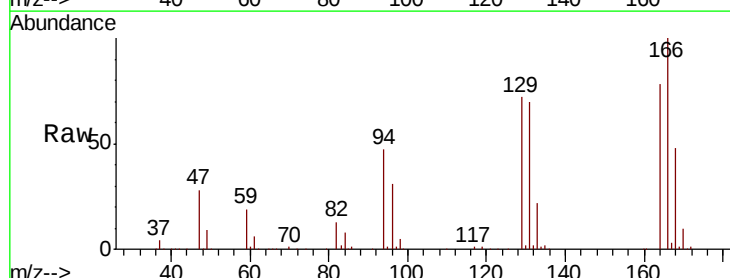
Ion Ratio Lower Upper

164 100

129 91.9 65.0 120.8

131 89.3 62.9 116.7

166 128.0 91.1 169.3

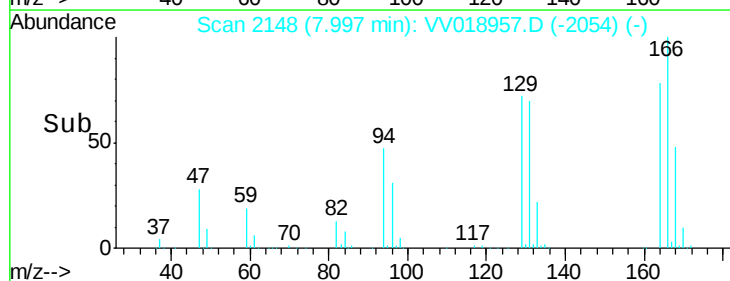
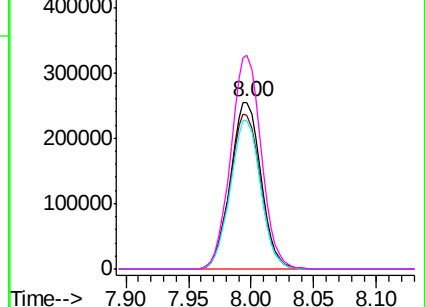


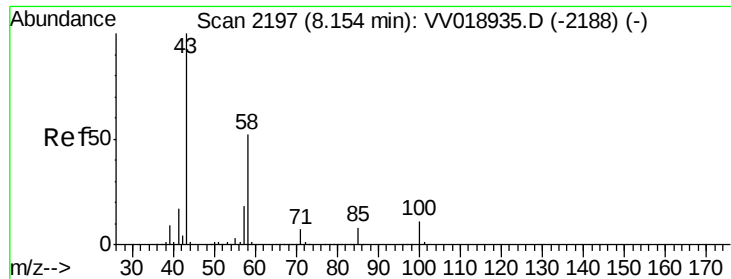
Abundance Ion 164.00 (163.70 to 164.70): V

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

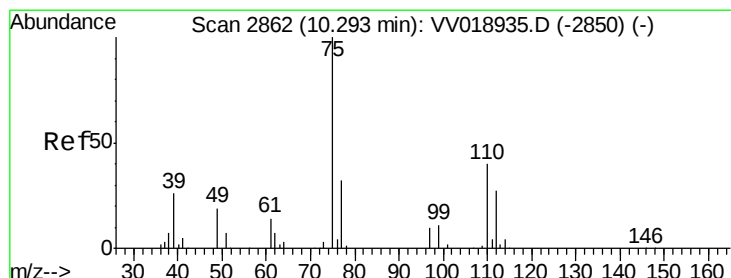
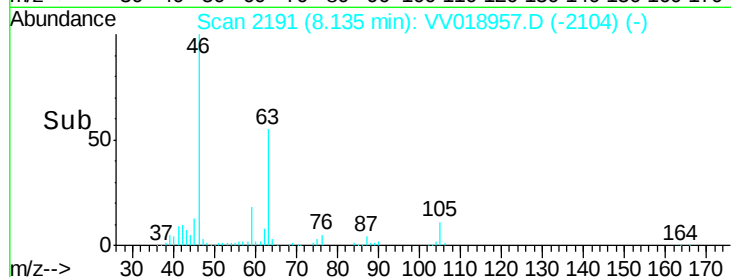
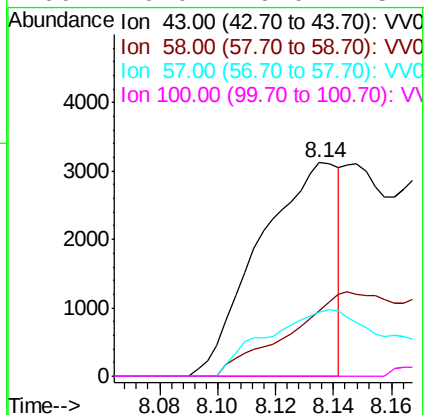
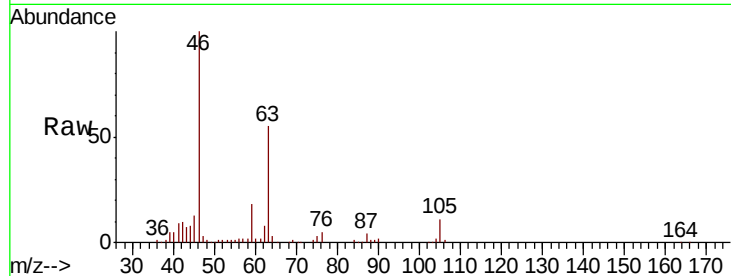




#48
2-Hexanone
Concen: 2.066 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV018957.D
Acq: 16 Oct 2020 23:10

Instrument :
MSVOA_V
ClientSampleId :
BG3Y5ME

Tot Ion: 43 Resp: 5891
Ion Ratio Lower Upper
43 100
58 49.2 42.5 63.7
57 18.0 14.5 21.7
100 0.0 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.663 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV018957.D
Acq: 16 Oct 2020 23:10

Tgt Ion: 75 Resp: 17877
Ion Ratio Lower Upper
75 100
77 37.6 25.4 38.2

