

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018400.D
 Acq On : 22 Sep 2020 17:14
 Operator : SY/MD
 Sample : L4090-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 23 05:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88470	35.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.14%
7) Chloroethane-d5	1.58	69	76420	37.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.04%
11) 1,1-Dichloroethene-d2	2.12	63	134534	29.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.16%#
21) 2-Butanone-d5	3.92	46	126633	82.02	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.38	84	174539	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.76%
26) 1,2-Dichloroethane-d4	5.06	65	118472	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
32) Benzene-d6	5.08	84	353750	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.88%
36) 1,2-Dichloropropane-d6	6.09	67	114564	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.44%
41) Toluene-d8	7.34	98	319799	40.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.24%
43) trans-1,3-Dichloropropene-	7.64	79	54297	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.88%
47) 2-Hexanone-d5	8.11	63	79846	75.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136986	39.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	135542	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%

Target Compounds

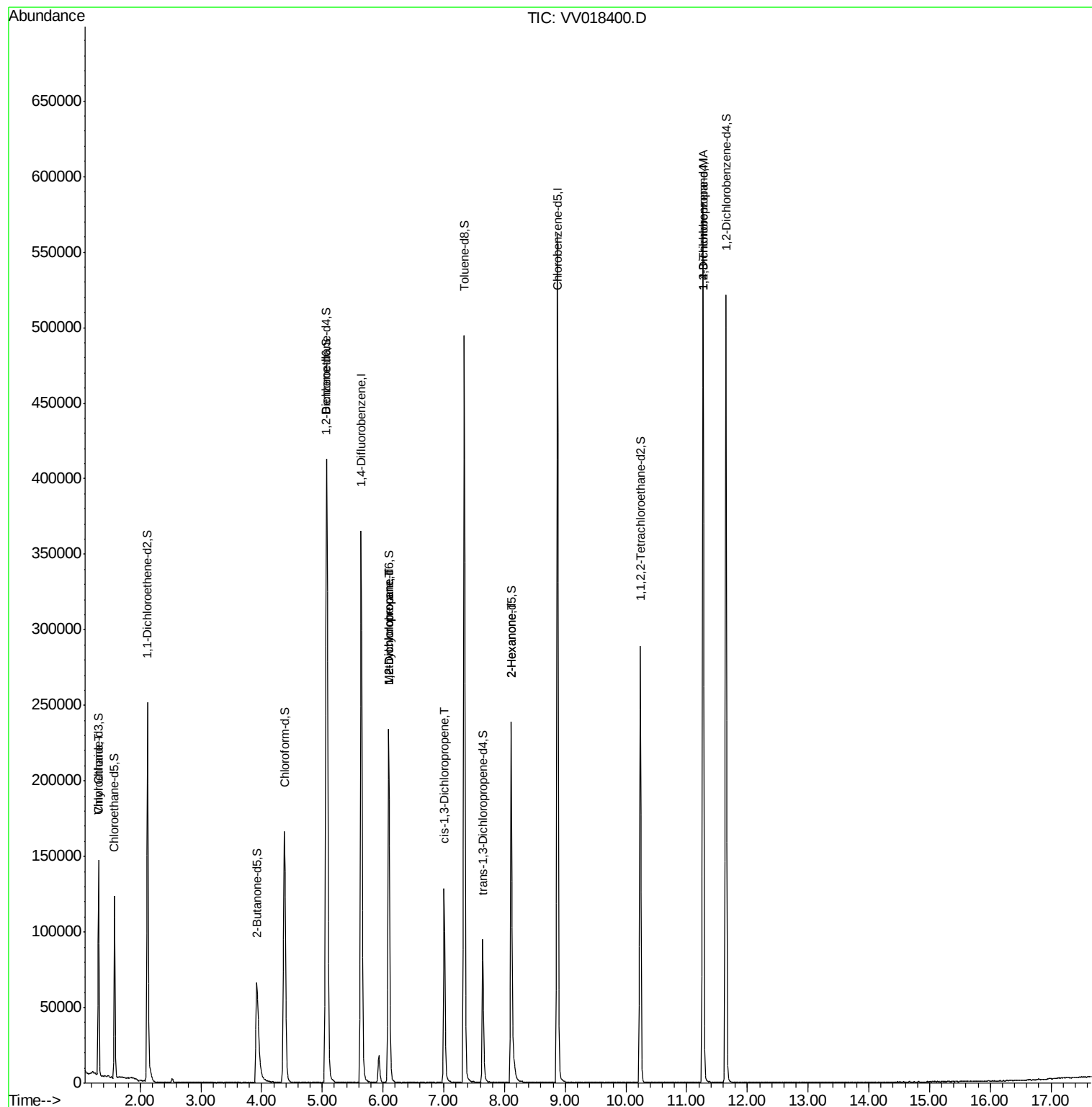
					Ovalue
8) Chloroethane	1.32	64	1214	0.767 ug/L #	1
35) Methylcyclohexane	6.09	83	27097	7.562 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12600	5.443 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2958	0.829 ug/L #	58
48) 2-Hexanone	8.11	43	10256	4.632 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	16578	6.089 ug/L	92

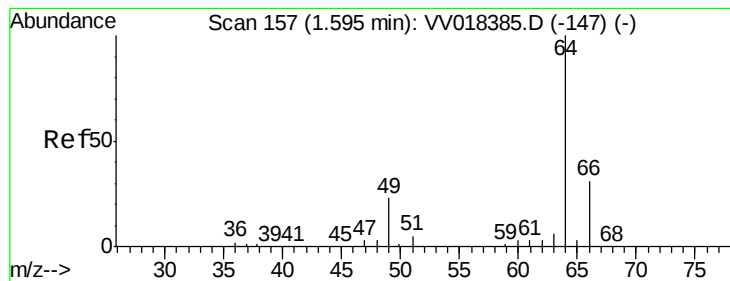
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.767 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018400.D

Acq: 22 Sep 2020 17:14

Instrument :

MSVOA_V

ClientSampleId :

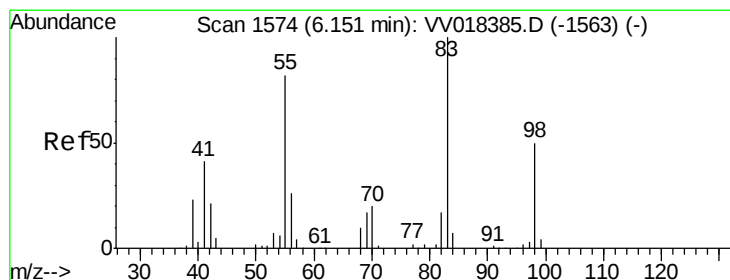
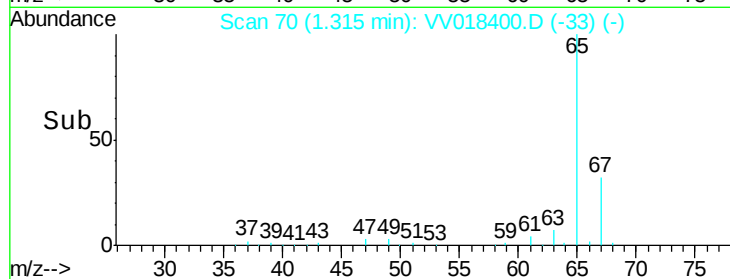
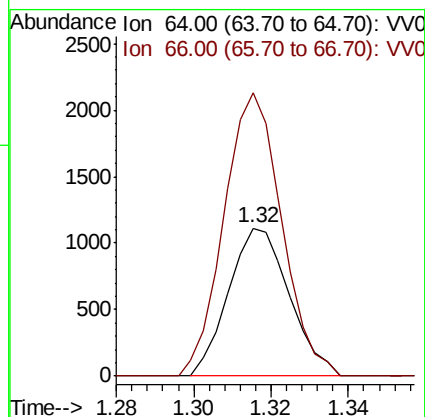
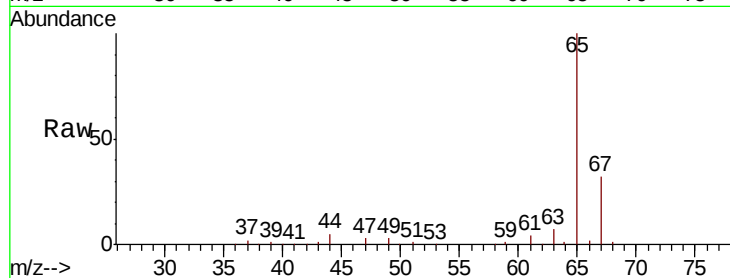
VHBLK01

Tot Ion: 64 Resp: 1214

Ion Ratio Lower Upper

64 100

66 191.5 22.5 41.7#



#35

Methylcyclohexane

Concen: 7.562 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018400.D

Acq: 22 Sep 2020 17:14

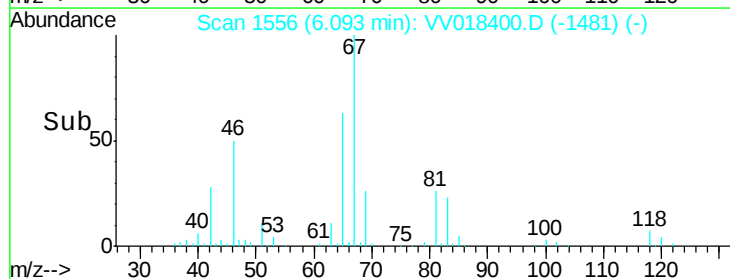
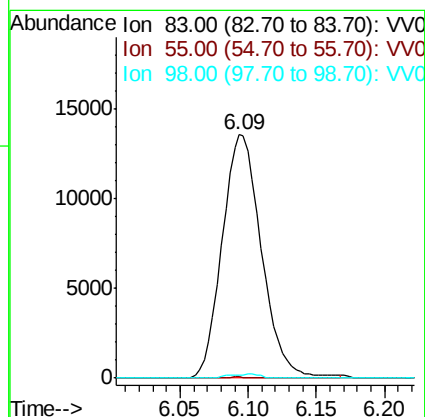
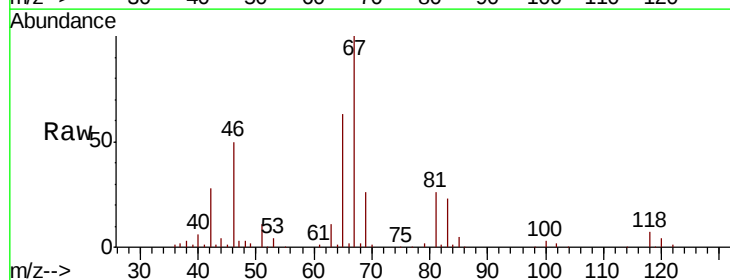
Tgt Ion: 83 Resp: 27097

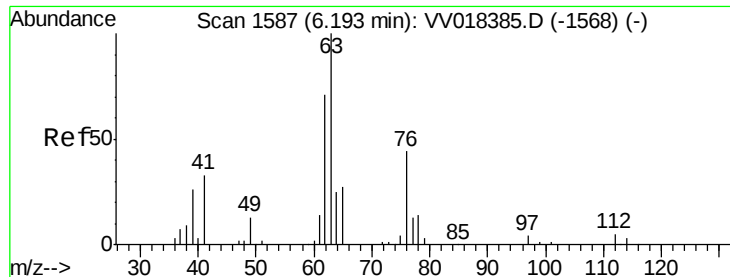
Ion Ratio Lower Upper

83 100

55 0.1 63.4 95.2#

98 0.6 38.8 58.2#

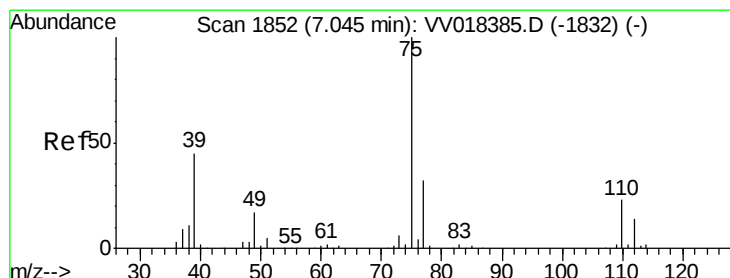
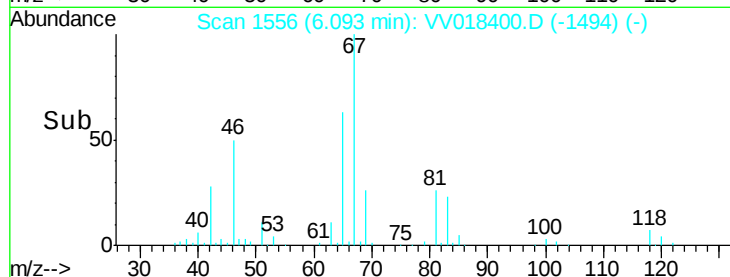
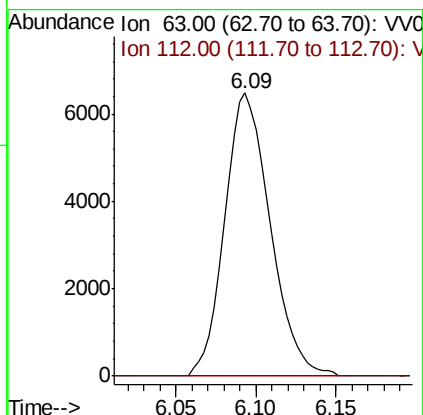
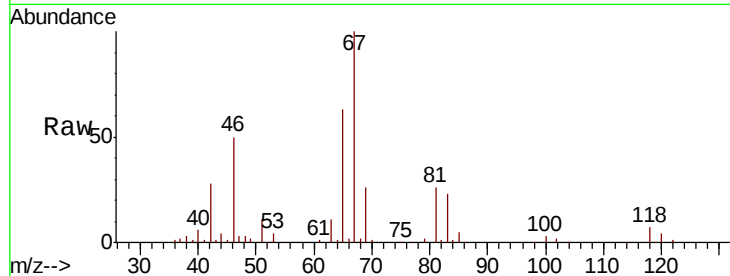




#37
 1,2-Dichloropropane
 Concen: 5.443 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018400.D
 Acq: 22 Sep 2020 17:14

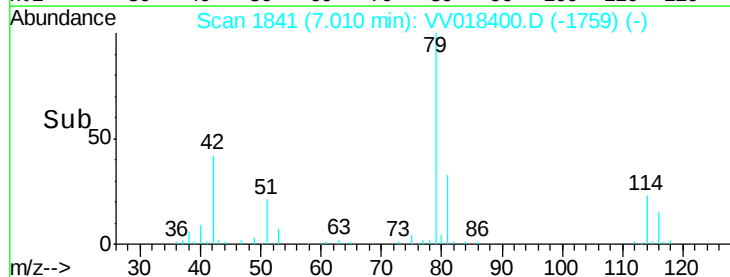
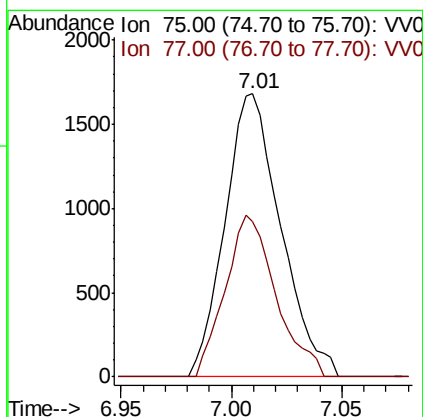
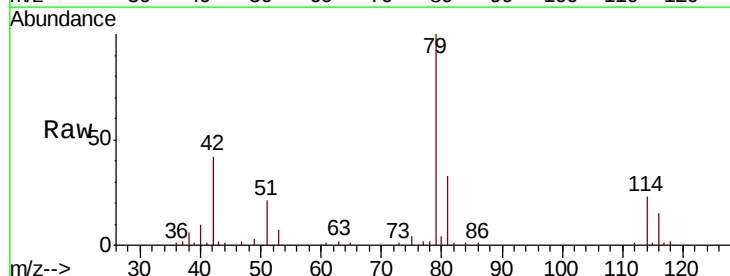
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

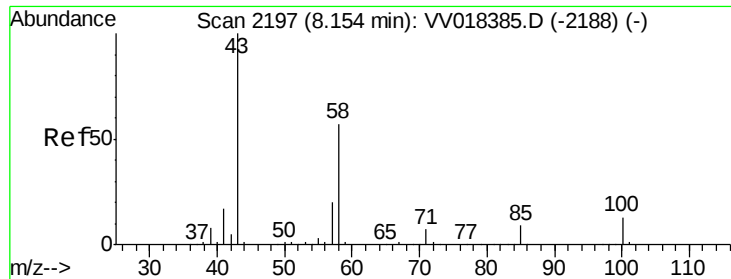
Tot Ion: 63 Resp: 12600
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.829 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018400.D
 Acq: 22 Sep 2020 17:14

Tgt Ion: 75 Resp: 2958
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.3 41.3#





#48

2-Hexanone

Concen: 4.632 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.04 min

Lab File: VV018400.D

Acq: 22 Sep 2020 17:14

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 10256

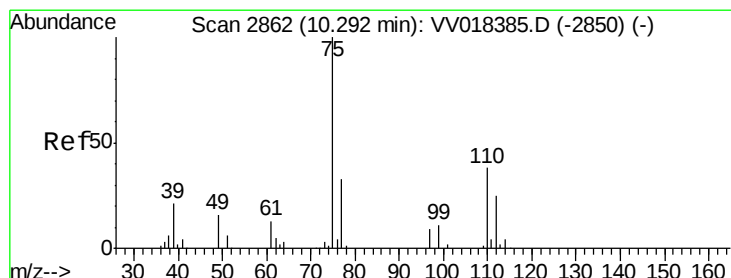
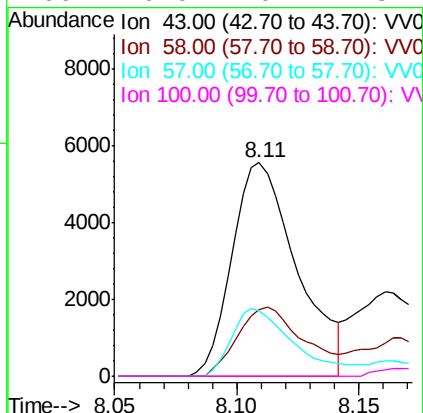
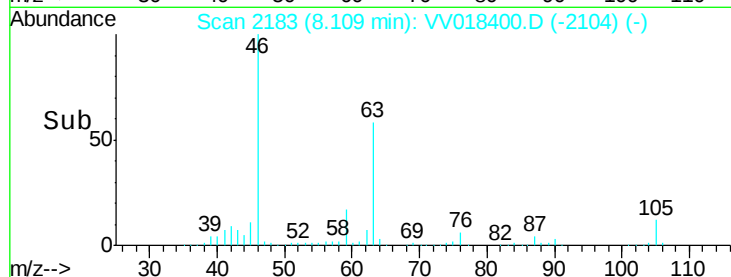
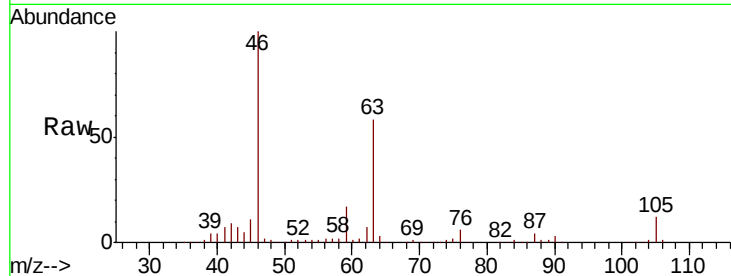
Ion Ratio Lower Upper

43 100

58 33.1 44.8 67.2#

57 29.8 15.8 23.6#

100 0.0 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.089 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018400.D

Acq: 22 Sep 2020 17:14

Tgt Ion: 75 Resp: 16578

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6

