

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018347.D
 Acq On : 19 Sep 2020 00:54
 Operator : SY/MD
 Sample : L4080-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272134	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93233	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.58	69	77293	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.18%
11) 1,1-Dichloroethene-d2	2.12	63	137038	33.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.38%
21) 2-Butanone-d5	3.91	46	115084	84.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.78%
24) Chloroform-d	4.38	84	170783	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.06	65	113035	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.08	84	341624	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
36) 1,2-Dichloropropane-d6	6.09	67	108758	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.36%
41) Toluene-d8	7.34	98	302614	42.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.72%
43) trans-1,3-Dichloropropene-	7.64	79	50562	40.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
47) 2-Hexanone-d5	8.11	63	75650	81.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134166	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	126846	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%

Target Compounds

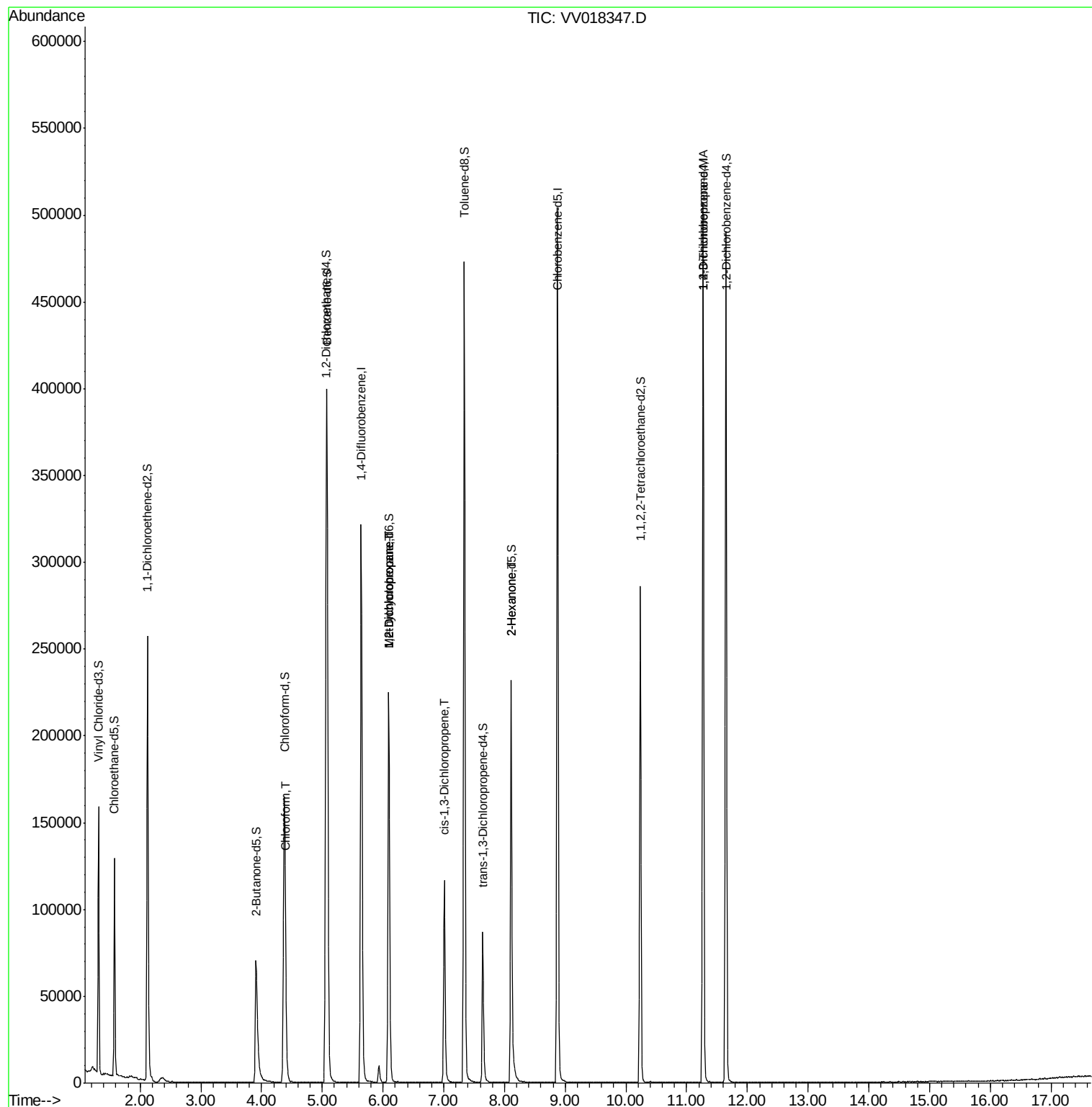
					Ovalue
25) Chloroform	4.40	83	9116	2.576 ug/L	95
35) Methylcyclohexane	6.09	83	26319	8.292 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11847	5.777 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2832	0.896 ug/L #	68
48) 2-Hexanone	8.11	43	9232	4.707 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	15290	6.340 ug/L	95

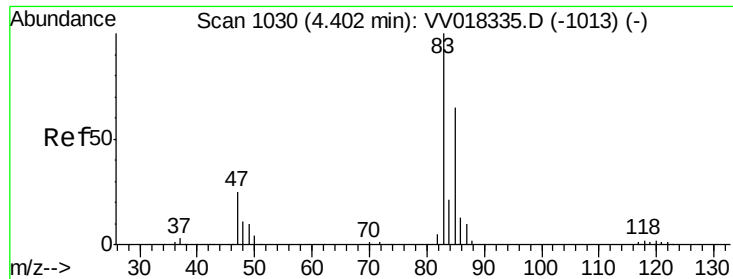
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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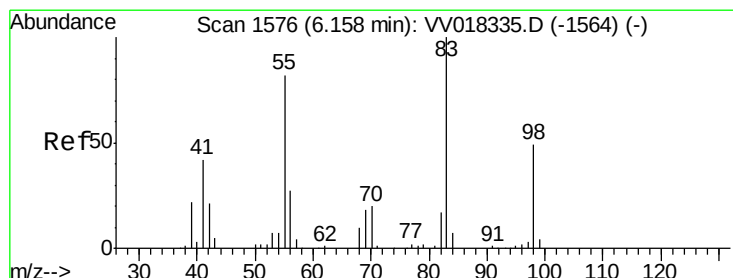
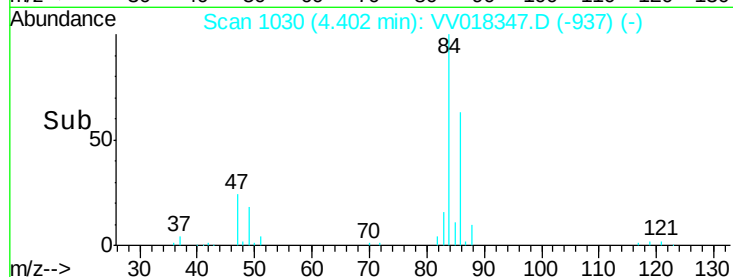
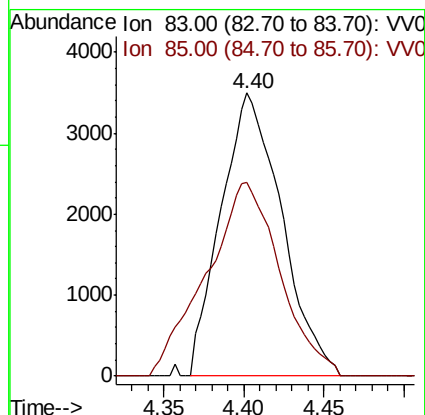
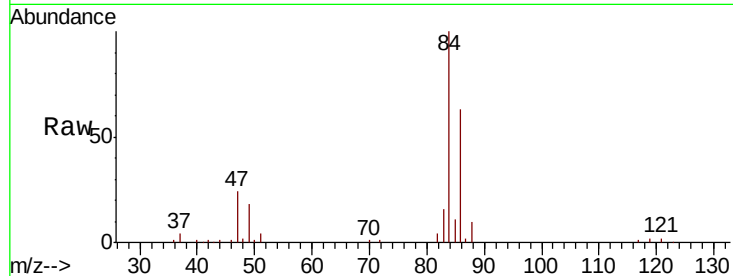




#25
Chloroform
Concen: 2.576 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018347.D
Acq: 19 Sep 2020 00:54

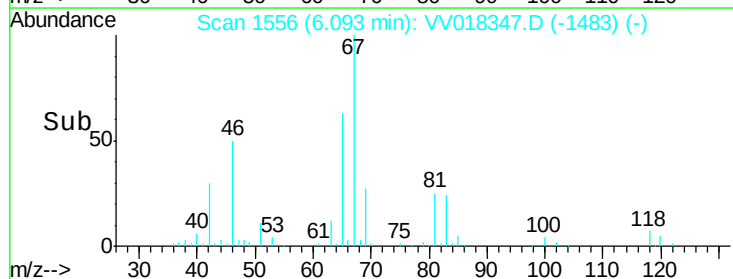
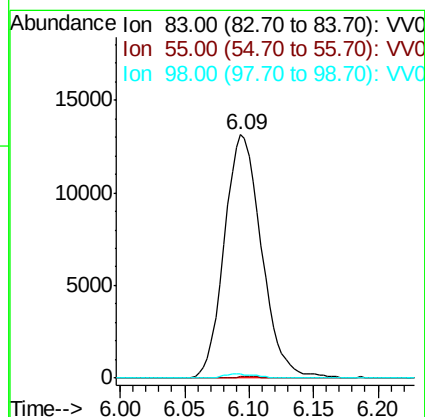
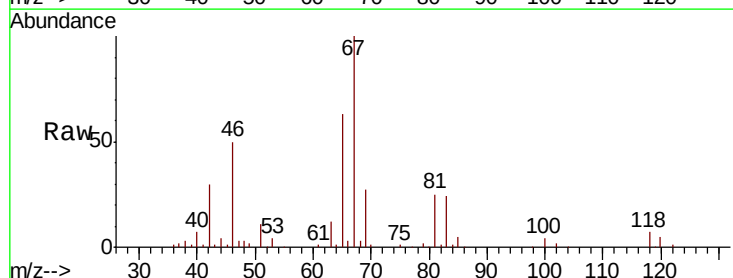
Instrument :
MSVOA_V
ClientSampleId :

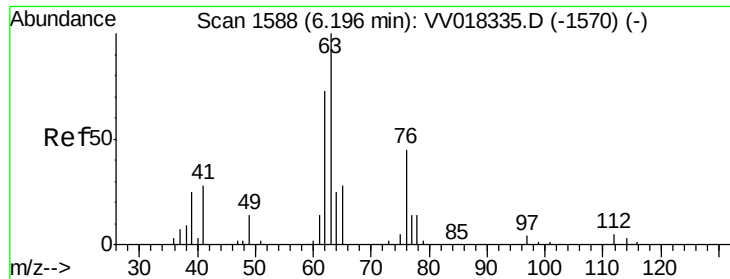
Tot Ion: 83 Resp: 9116
Ion Ratio Lower Upper
83 100
85 68.2 45.0 83.6



#35
Methylcyclohexane
Concen: 8.292 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018347.D
Acq: 19 Sep 2020 00:54

Tgt Ion: 83 Resp: 26319
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.5 38.8 58.2#

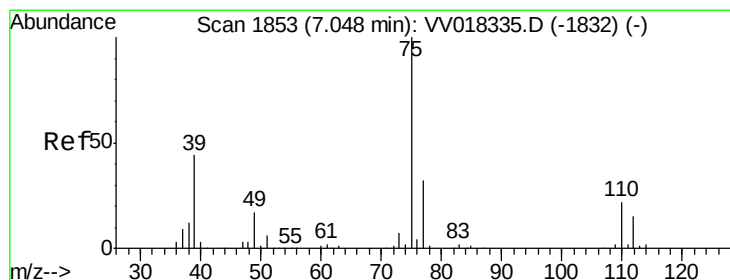
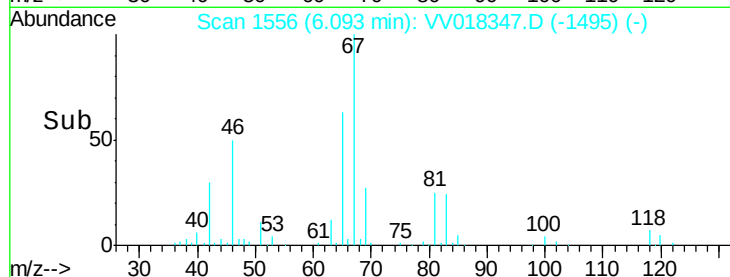
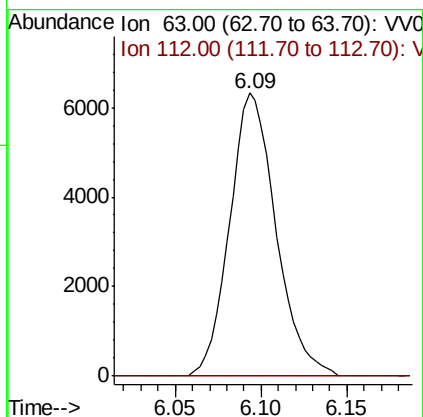
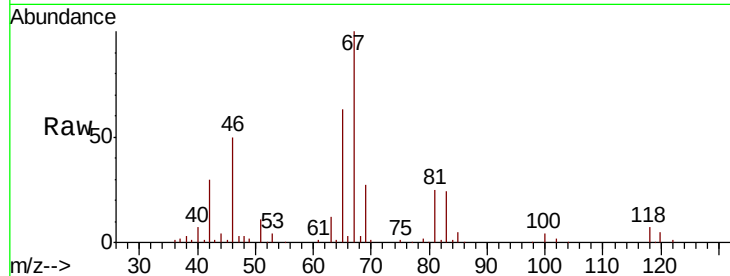




#37
 1,2-Dichloropropane
 Concen: 5.777 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018347.D
 Acq: 19 Sep 2020 00:54

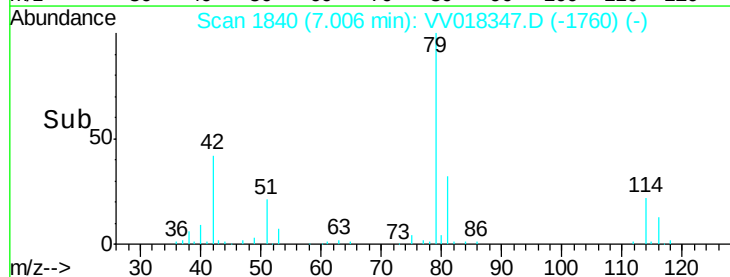
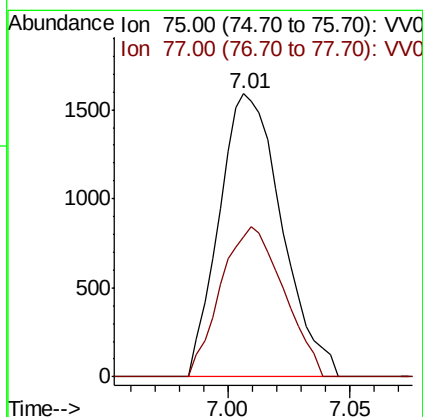
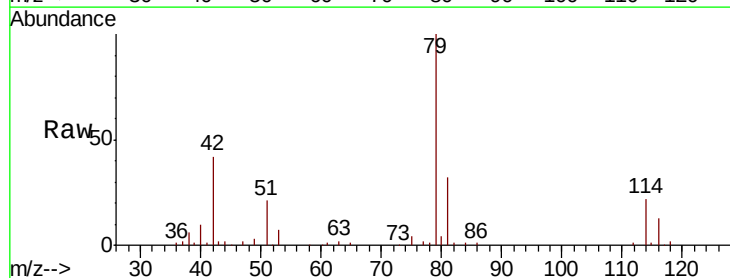
Instrument :
 MSVOA_V
 ClientSampleId :

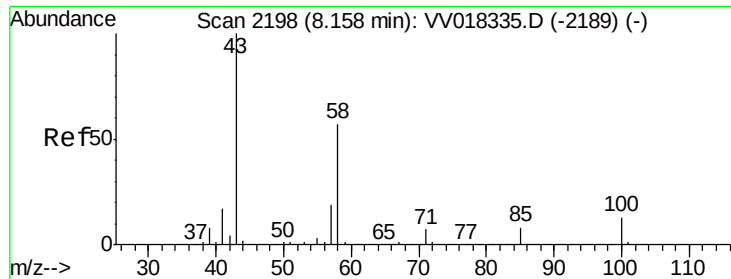
Tot Ion: 63 Resp: 11847
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.896 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018347.D
 Acq: 19 Sep 2020 00:54

Tgt Ion: 75 Resp: 2832
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.3 41.3#





#48

2-Hexanone

Concen: 4.707 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018347.D

Acq: 19 Sep 2020 00:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9232

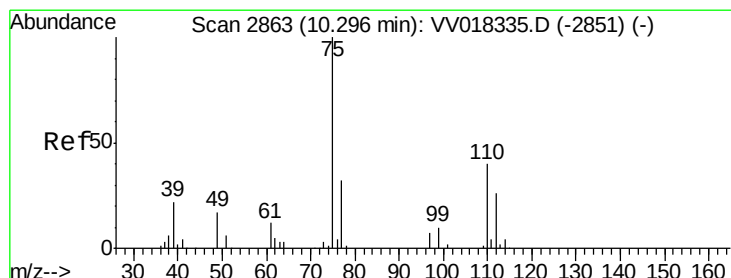
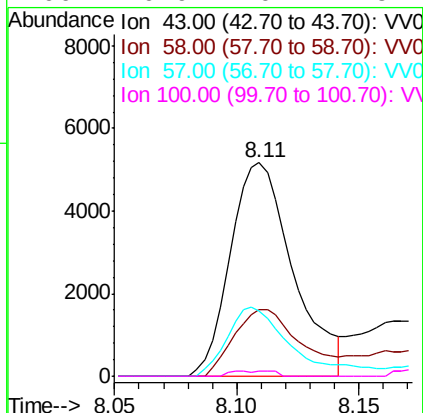
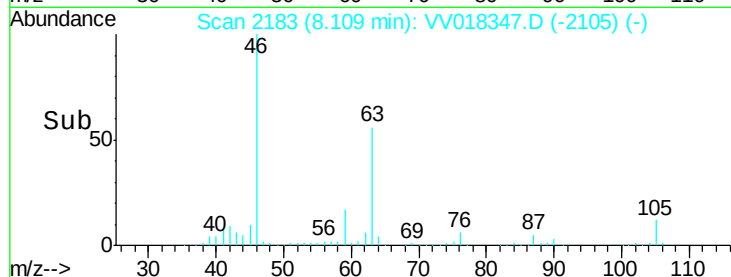
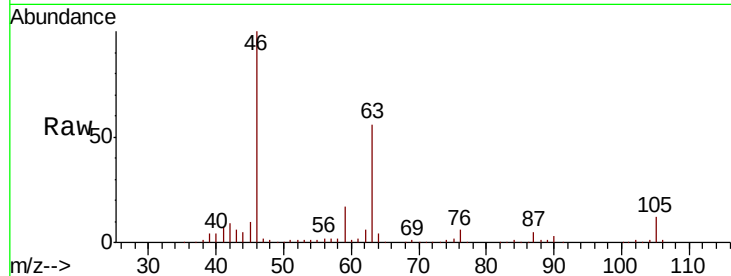
Ion Ratio Lower Upper

43 100

58 33.2 44.8 67.2#

57 33.7 15.8 23.6#

100 0.9 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.340 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018347.D

Acq: 19 Sep 2020 00:54

Tgt Ion: 75 Resp: 15290

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.6

