

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018357.D
 Acq On : 19 Sep 2020 04:41
 Operator : SY/MD
 Sample : L4090-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:20:57 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	271353	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89919	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.58	69	76405	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.44%
11) 1,1-Dichloroethene-d2	2.12	63	131904	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
21) 2-Butanone-d5	3.90	46	119429	88.23	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.23%
24) Chloroform-d	4.38	84	167691	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
26) 1,2-Dichloroethane-d4	5.06	65	112528	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.08	84	337185	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
36) 1,2-Dichloropropane-d6	6.09	67	109426	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.34	98	297859	41.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.64	79	49910	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
47) 2-Hexanone-d5	8.11	63	77396	82.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135535	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	123475	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%

Target Compounds

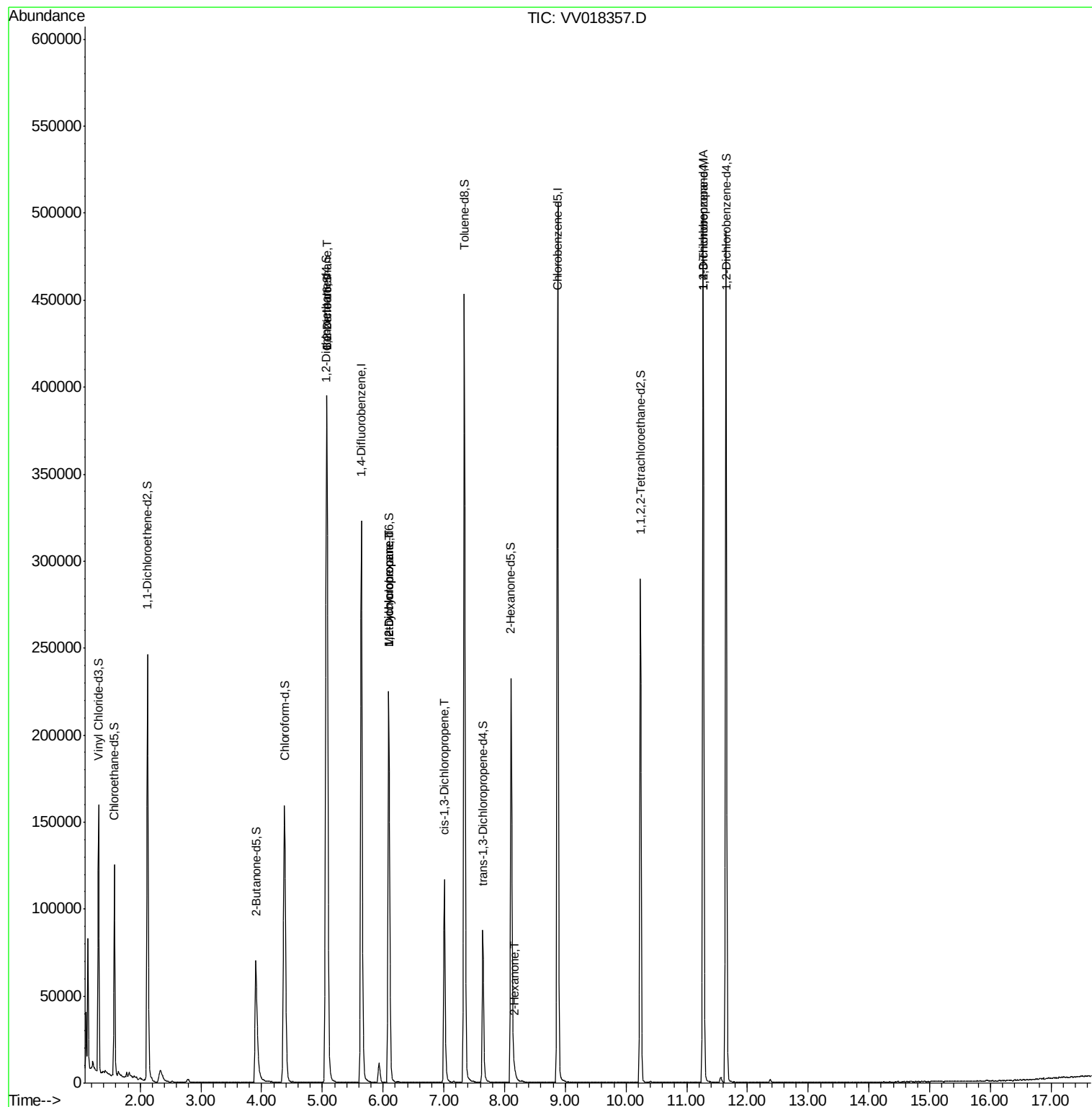
					Ovalue
27) 1,2-Dichloroethane	5.08	62	1947	0.713 ug/L #	74
35) Methylcyclohexane	6.09	83	25803	8.075 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11765	5.699 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2796	0.879 ug/L #	79
48) 2-Hexanone	8.16	43	3503	1.774 ug/L #	50
59) 1,2,3-Trichloropropane	11.27	75	14944	6.155 ug/L	94

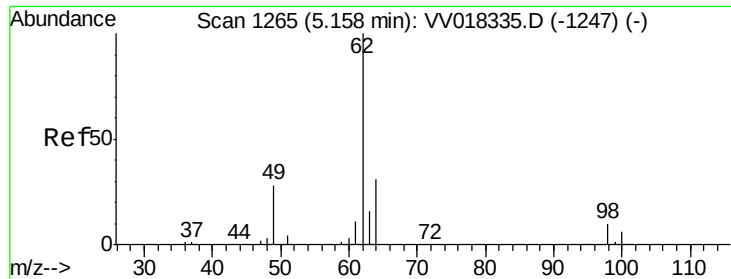
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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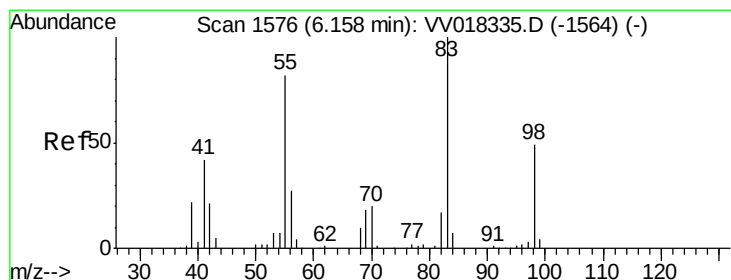
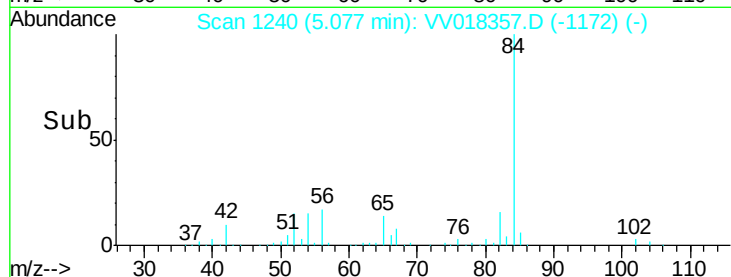
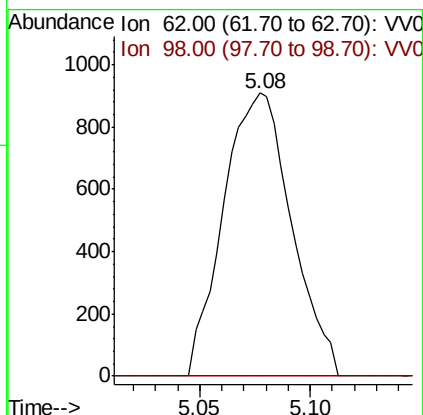
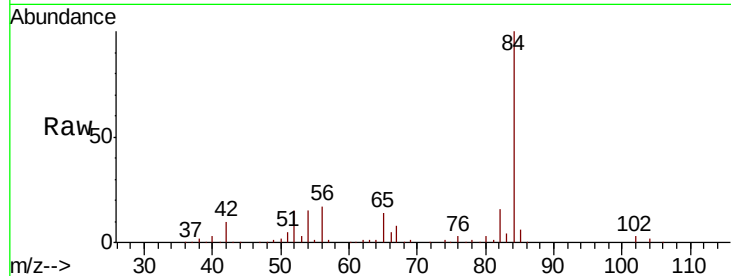




#27
 1,2-Dichloroethane
 Concen: 0.713 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

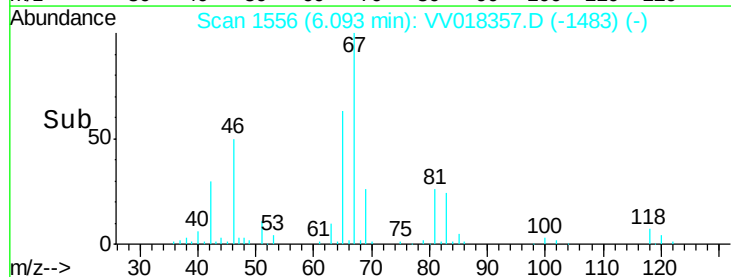
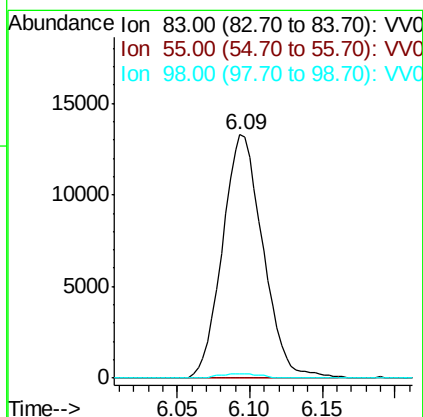
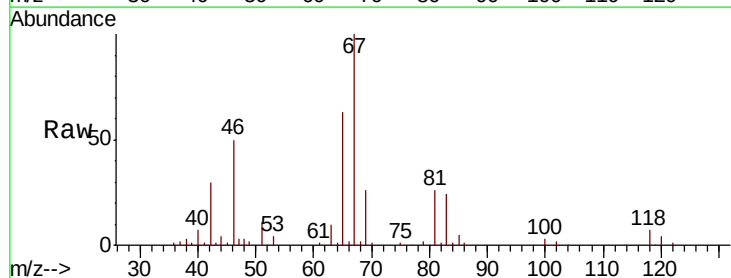
Instrument :
 MSVOA_V
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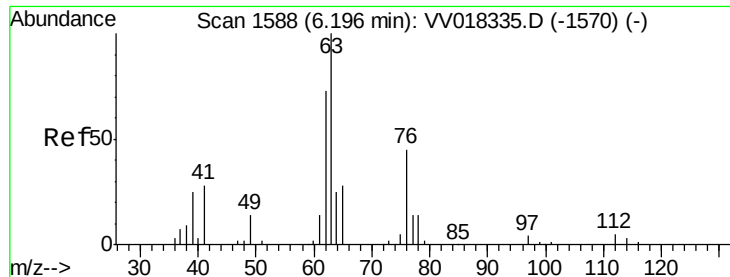
Tot Ion: 62 Resp: 1947
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 8.075 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

Tgt Ion: 83 Resp: 25803
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 1.7 38.8 58.2#

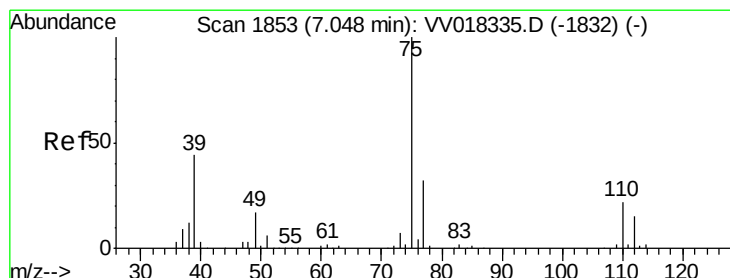
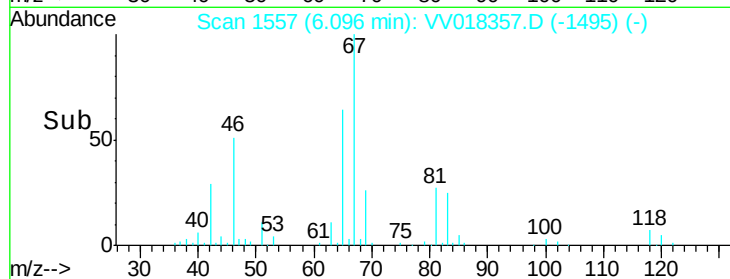
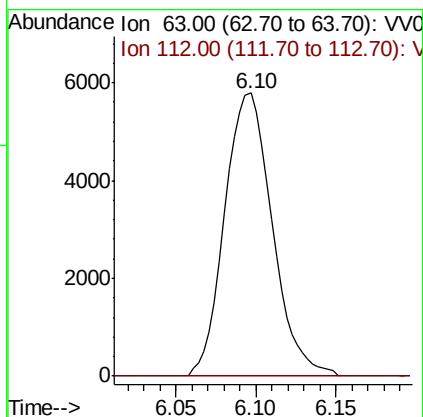
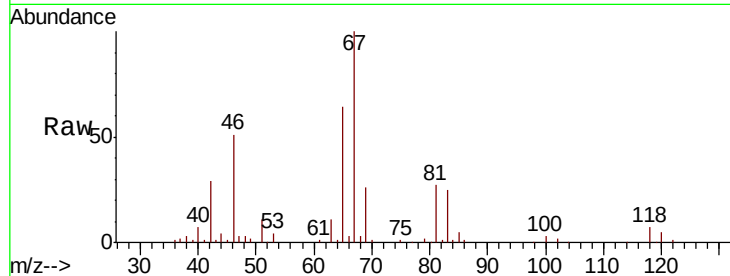




#37
 1,2-Dichloropropane
 Concen: 5.699 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

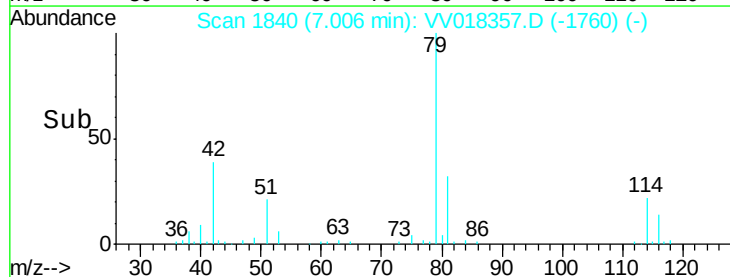
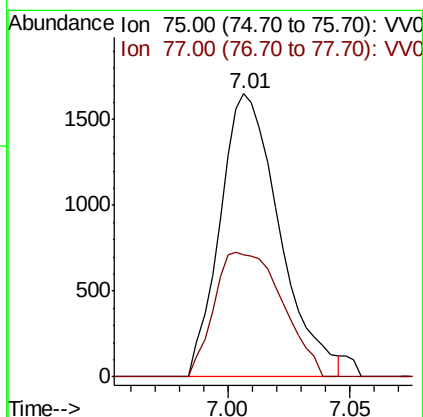
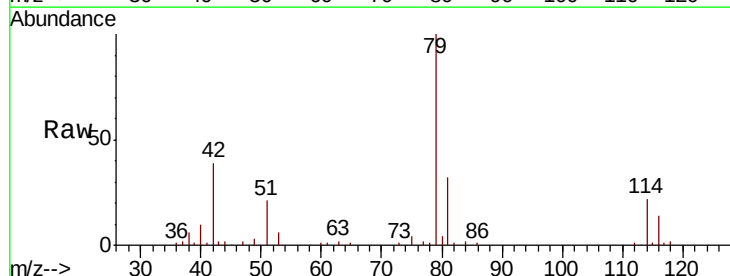
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 MSVOA_V
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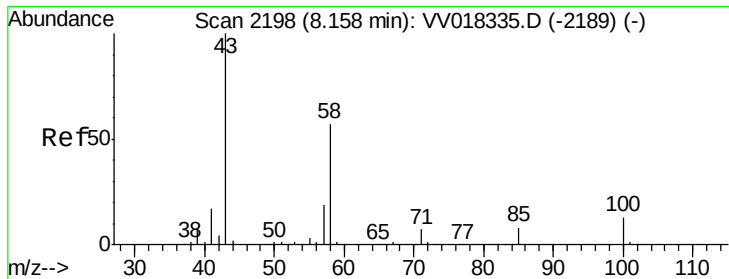
Tot Ion: 63 Resp: 11765
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

Tgt Ion: 75 Resp: 2796
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.3 41.3#

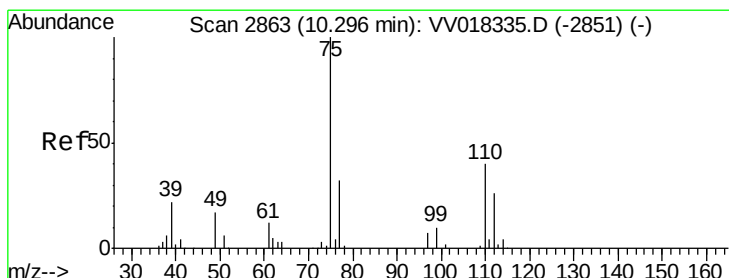
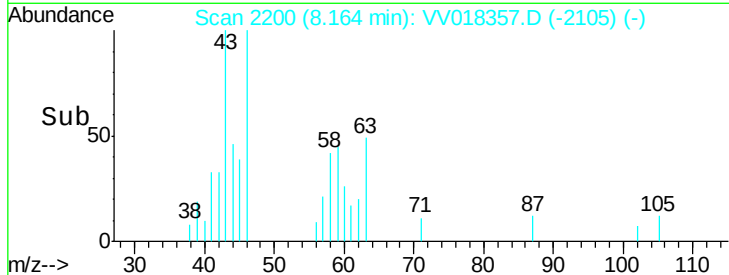
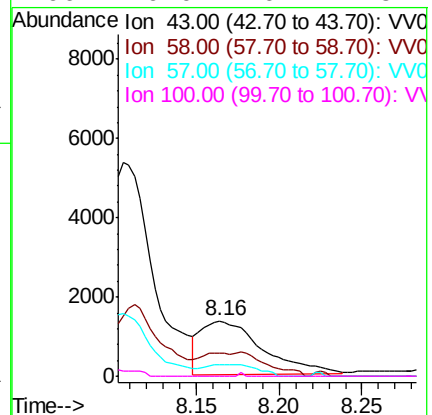
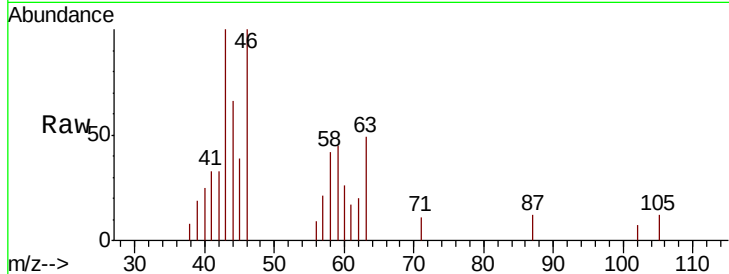




#48
 2-Hexanone
 Concen: 1.774 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 3503
 Ion Ratio Lower Upper
 43 100
 58 5.1 44.8 67.2#
 57 16.7 15.8 23.6
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.155 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018357.D
 Acq: 19 Sep 2020 04:41

Tgt Ion: 75 Resp: 14944
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.8 38.6

