

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018853.D
 Acq On : 12 Oct 2020 13:46
 Operator : SY/MD
 Sample : L4351-02DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2DL

Quant Time: Oct 13 01:10:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142762	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.58%
7) Chloroethane-d5	1.58	69	111047	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.12	63	203438	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.90	46	170472	87.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.10%
24) Chloroform-d	4.38	84	227584	40.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.94%
26) 1,2-Dichloroethane-d4	5.05	65	164031	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
32) Benzene-d6	5.07	84	480031	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
36) 1,2-Dichloropropane-d6	6.09	67	159850	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.34	98	437191	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.64	79	74468	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.11	63	104507	82.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148699	35.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	159842	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

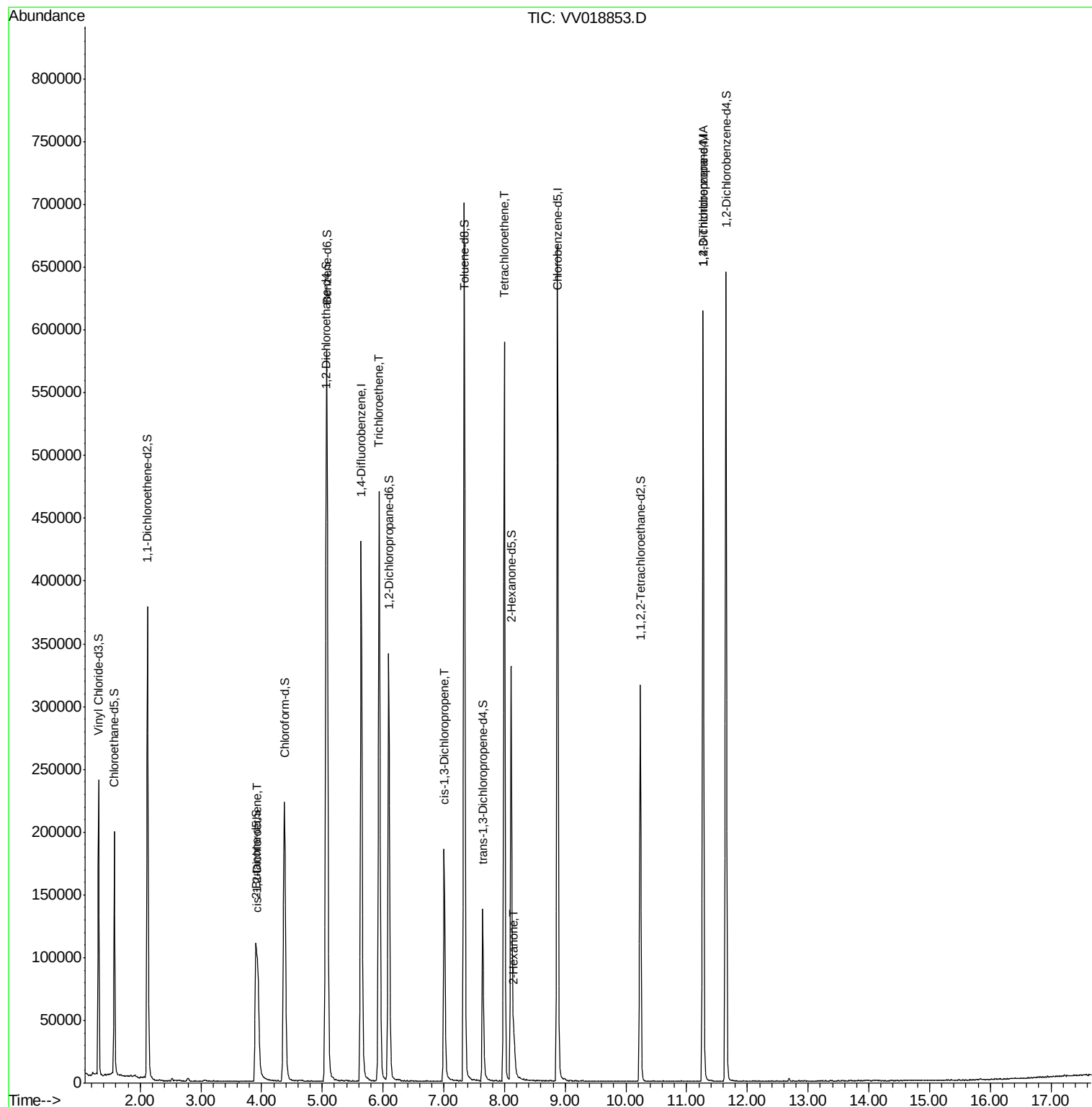
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	33463	12.354 ug/L	98
34) Trichloroethene	5.94	95	155137	49.448 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4799	1.134 ug/L #	71
46) Tetrachloroethene	8.00	164	126460	54.999 ug/L	99
48) 2-Hexanone	8.16	43	17516	5.702 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	17570	4.931 ug/L #	87

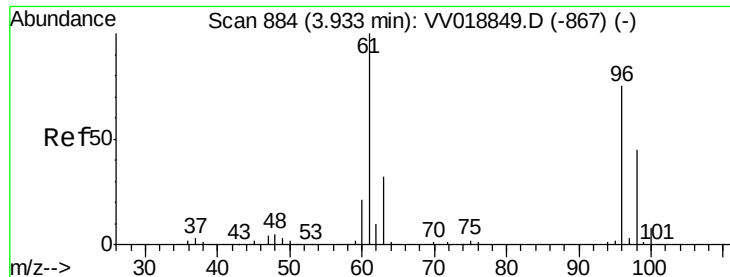
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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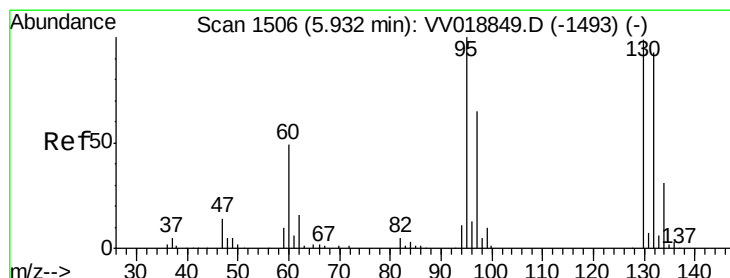
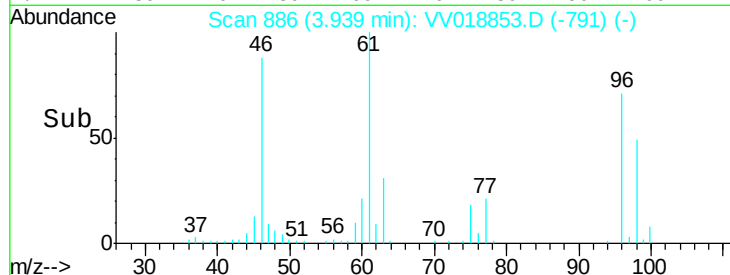
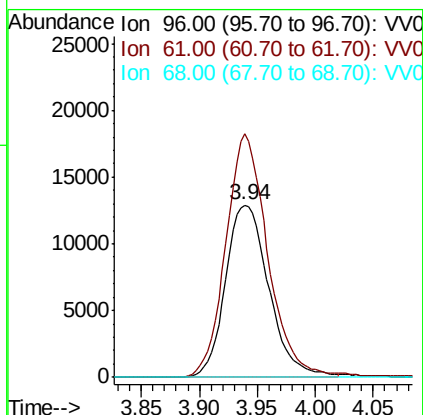
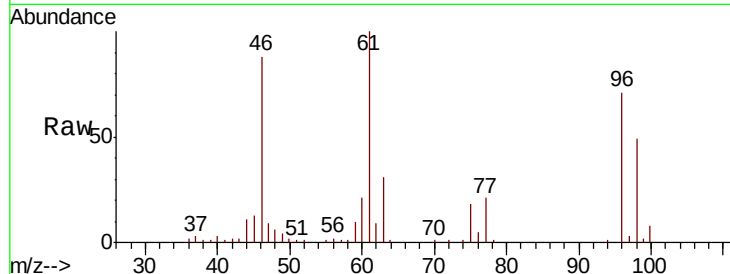




#20
 cis-1,2-Dichloroethene
 Concen: 12.354 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

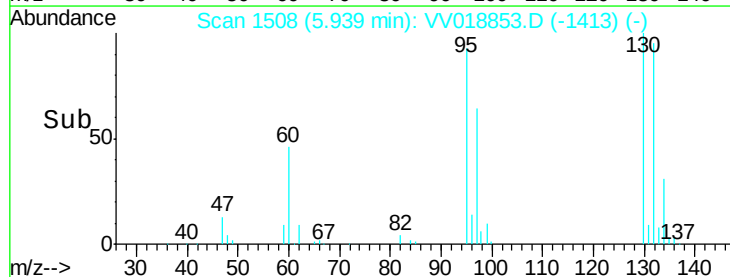
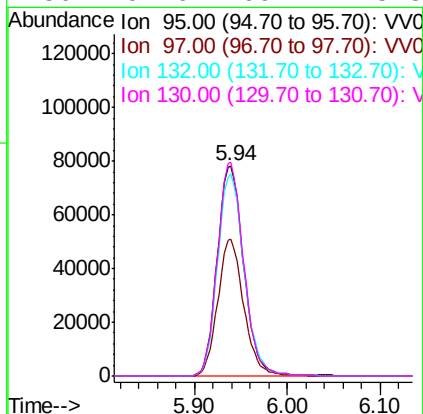
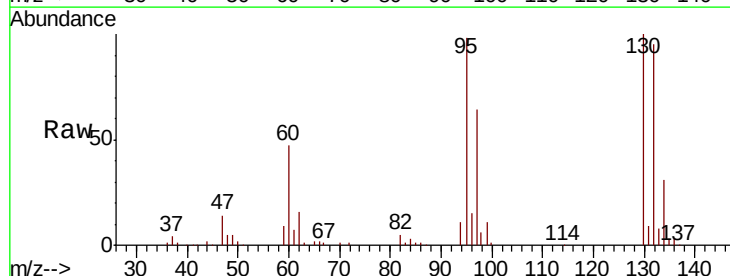
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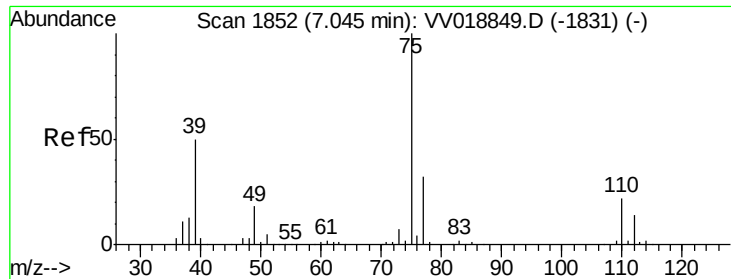
Tot Ion: 96 Resp: 33463
 Ion Ratio Lower Upper
 96 100
 61 141.1 97.3 180.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 49.448 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

Tgt Ion: 95 Resp: 155137
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.1 83.9
 132 96.0 66.2 123.0
 130 101.6 69.1 128.3

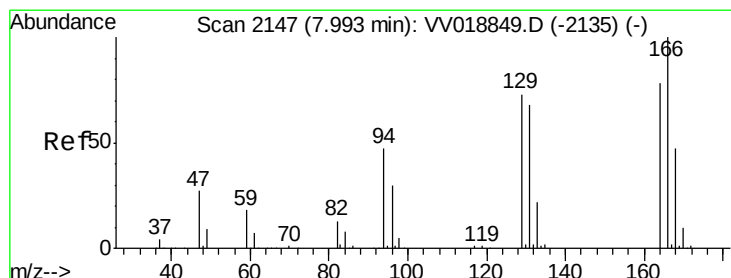
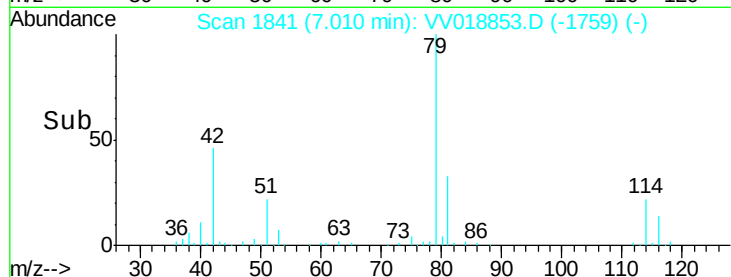
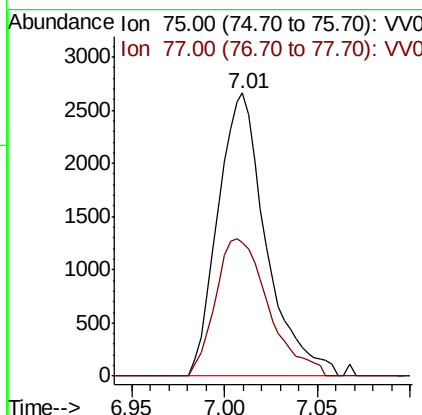
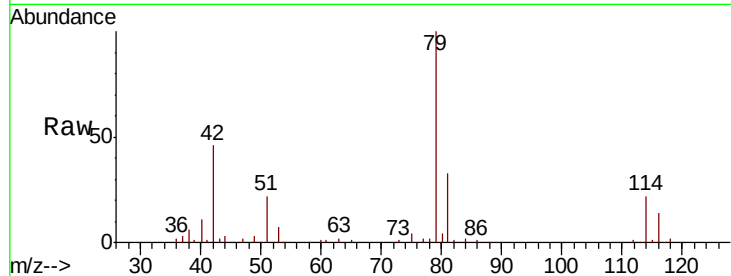




#39
 cis-1,3-Dichloropropene
 Concen: 1.134 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

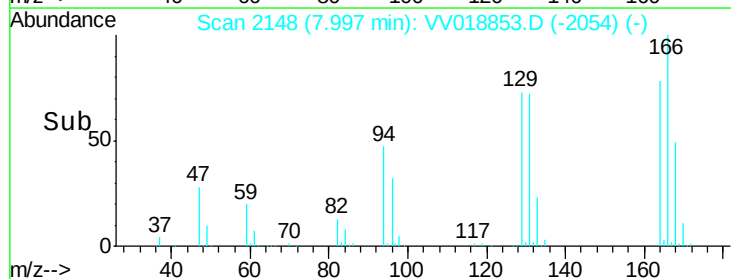
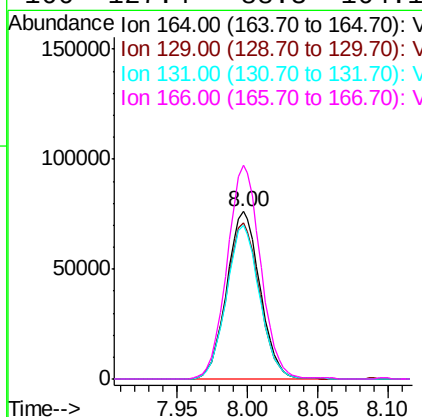
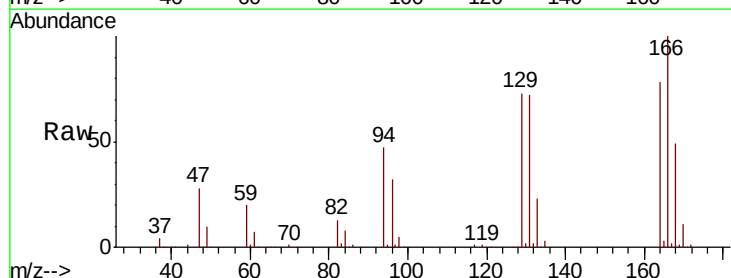
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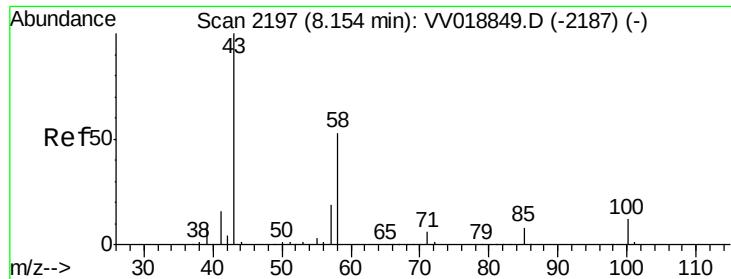
Tot Ion: 75 Resp: 4799
 Ion Ratio Lower Upper
 75 100
 77 47.2 21.8 40.6#



#46
 Tetrachloroethene
 Concen: 54.999 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

Tgt Ion: 164 Resp: 126460
 Ion Ratio Lower Upper
 164 100
 129 92.8 64.6 120.0
 131 91.9 63.6 118.0
 166 127.4 88.3 164.1

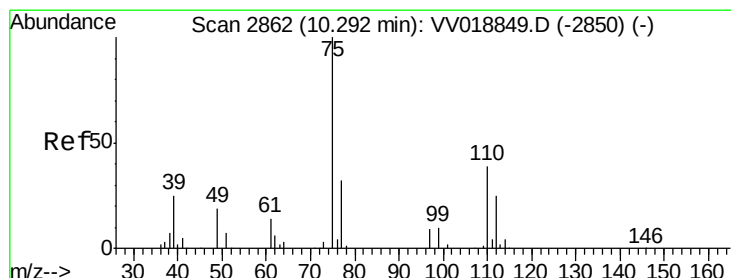
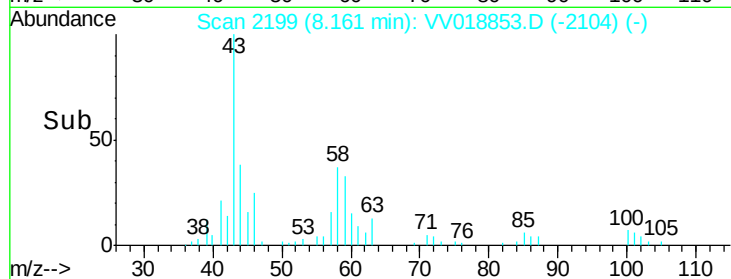
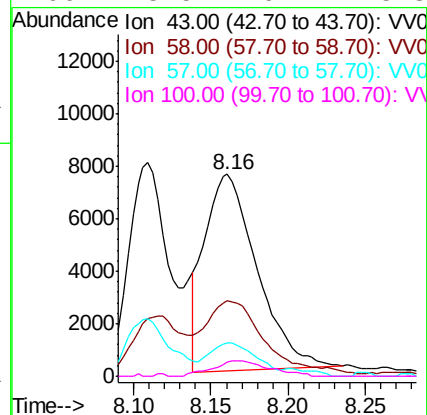
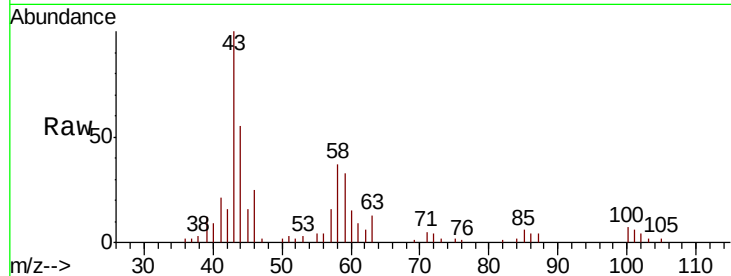




#48
 2-Hexanone
 Concen: 5.702 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

Instrument :
 MSVOA_V
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Tot Ion: 43 Resp: 17516
 Ion Ratio Lower Upper
 43 100
 58 35.4 41.8 62.8#
 57 11.8 14.9 22.3#
 100 8.5 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.931 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018853.D
 Acq: 12 Oct 2020 13:46

Tgt Ion: 75 Resp: 17570
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.9 38.9#

