

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019582.D
 Acq On : 13 Dec 2020 02:28
 Operator : SY/MD
 Sample : L4998-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT1

Quant Time: Dec 13 07:42:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	612916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	569222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	261260	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	236791	53.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.76%
7) Chloroethane-d5	1.57	69	188450	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.72%
11) 1,1-Dichloroethene-d2	2.11	63	336843	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
21) 2-Butanone-d5	3.89	46	265462	111.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.35	84	413325	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.04	65	288992	55.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.66%
32) Benzene-d6	5.05	84	830590	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.42%
36) 1,2-Dichloropropane-d6	6.07	67	263772	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.92%
41) Toluene-d8	7.32	98	731859	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%
43) trans-1,3-Dichloropropene-	7.62	79	129048	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
47) 2-Hexanone-d5	8.09	63	195694	104.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.85%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	334065	51.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.86%
64) 1,2-Dichlorobenzene-d4	11.63	152	267346	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%

Target Compounds

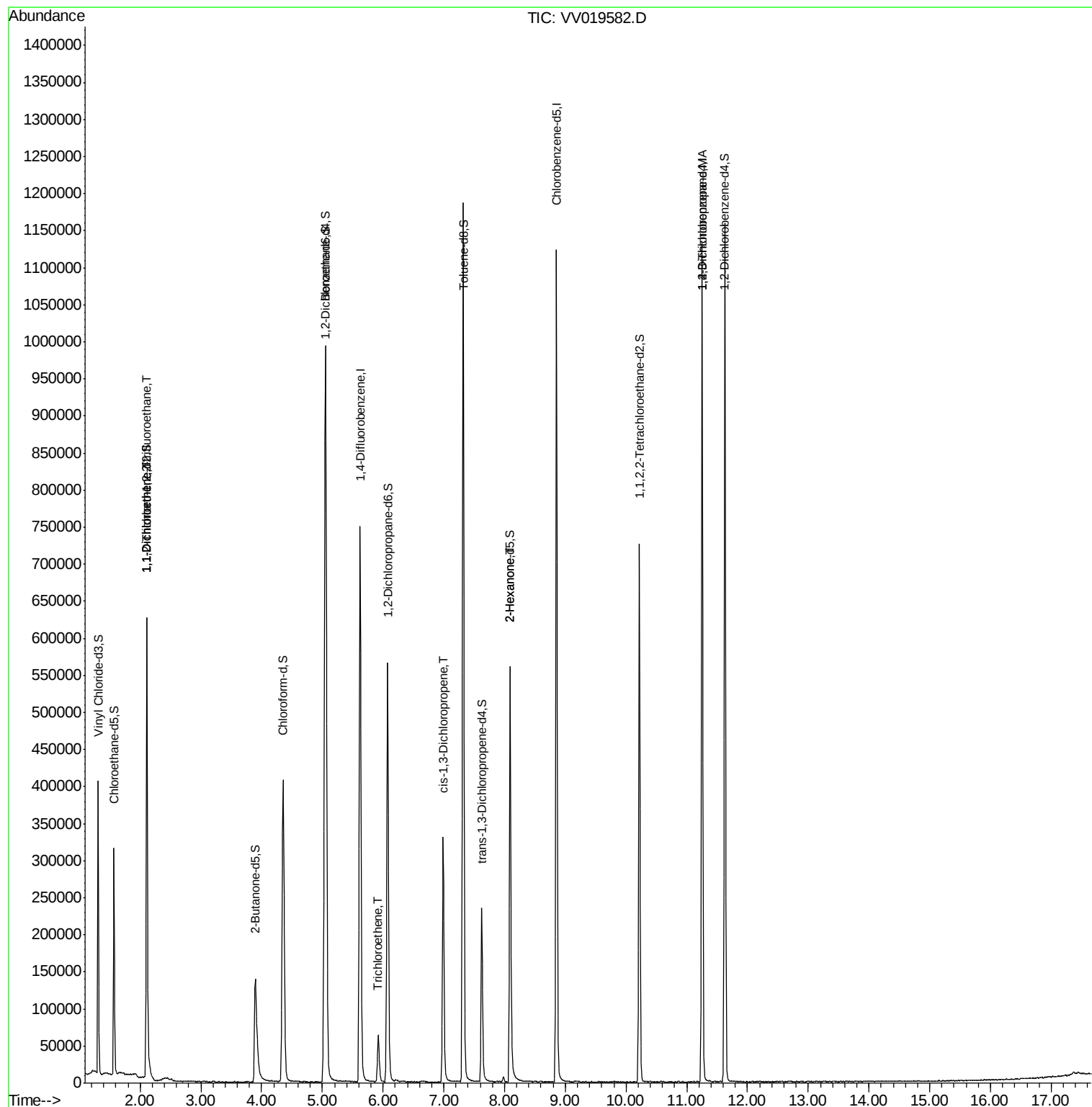
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2881	0.810 ug/L #	22
12) 1,1-Dichloroethene	2.11	96	3468	0.950 ug/L #	1
34) Trichloroethene	5.92	95	21886	4.980 ug/L	95
39) cis-1,3-Dichloropropene	6.99	75	8509	1.179 ug/L #	77
48) 2-Hexanone	8.09	43	23924	5.030 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	35035	6.483 ug/L	89

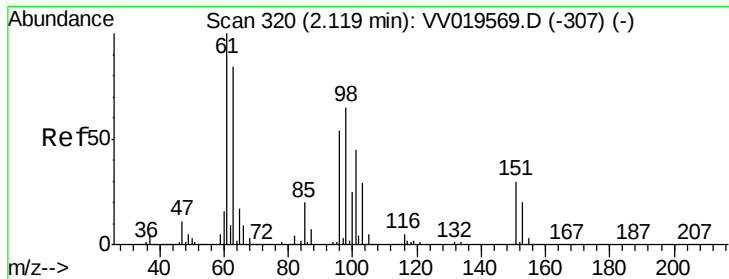
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 13 07:40:15 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.810 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019582.D

Acq: 13 Dec 2020 02:28

Instrument :

MSVOA_V

ClientSampleId :

C0AT1

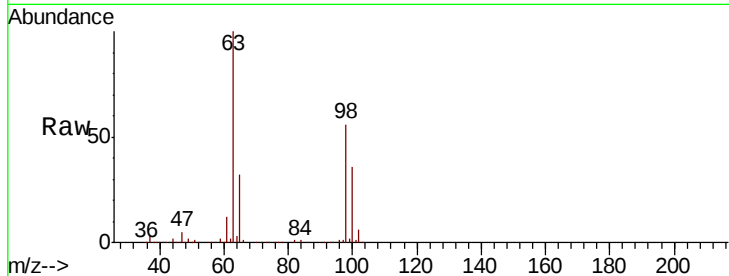
Tot Ion:101 Resp: 2881

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

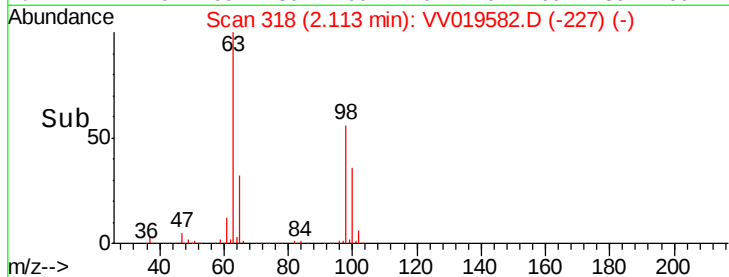
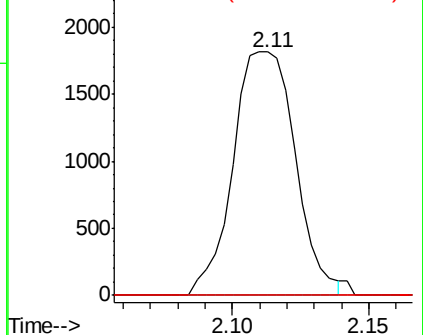
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.950 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019582.D

Acq: 13 Dec 2020 02:28

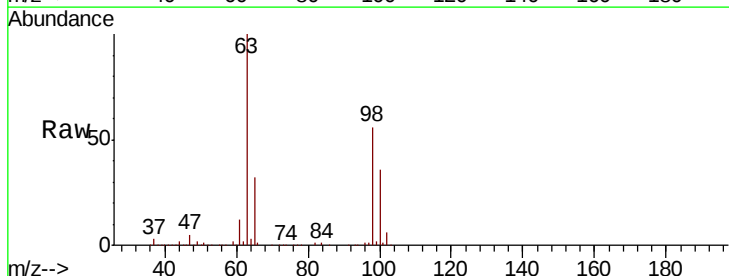
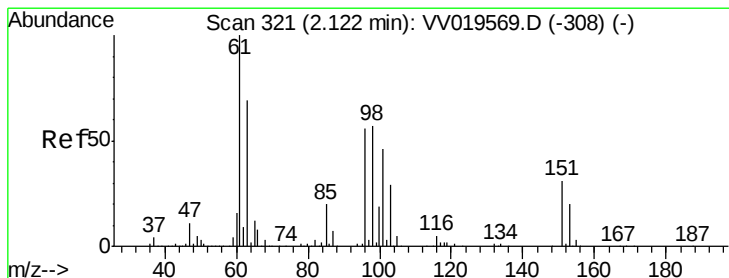
Tgt Ion: 96 Resp: 3468

Ion Ratio Lower Upper

96 100

61 1245.5 120.7 224.1#

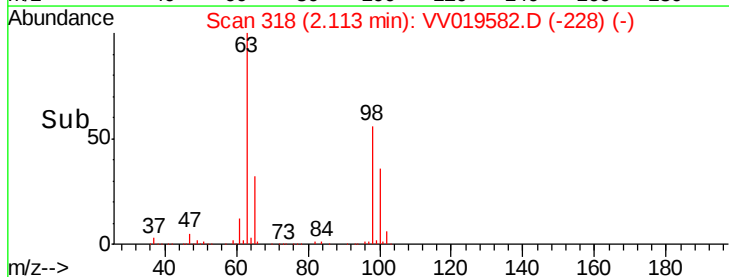
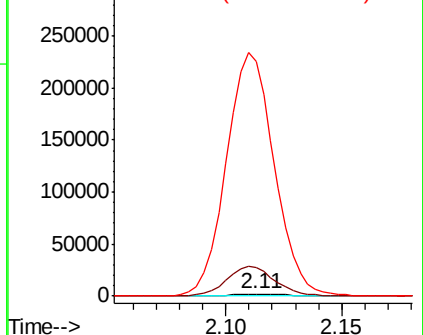
63 10165.2 64.3 119.5#

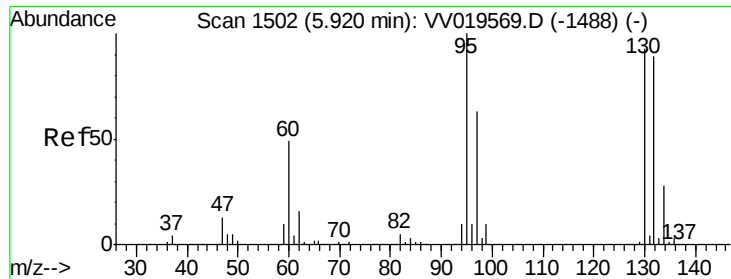


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

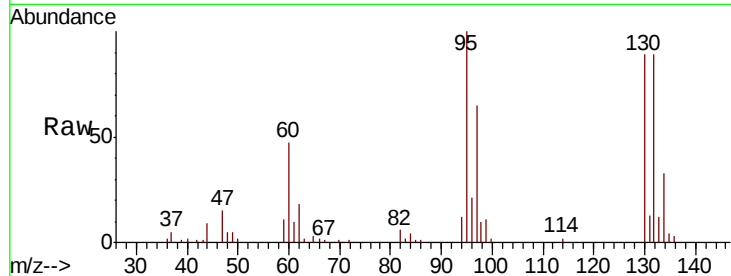




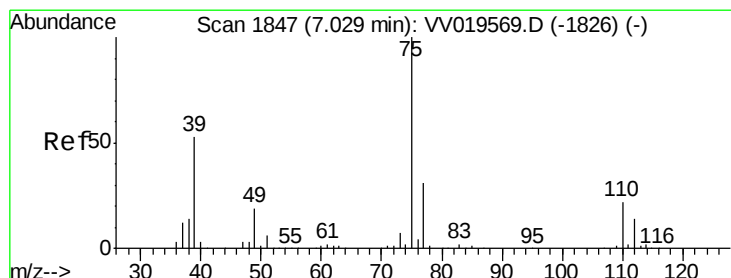
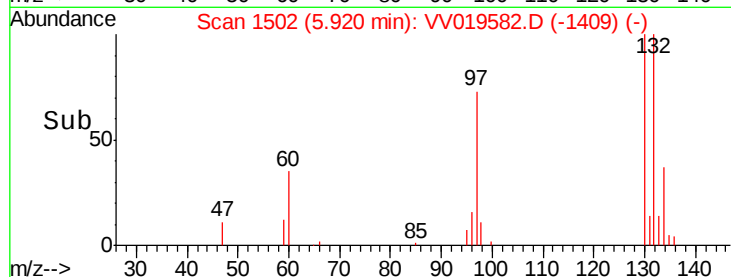
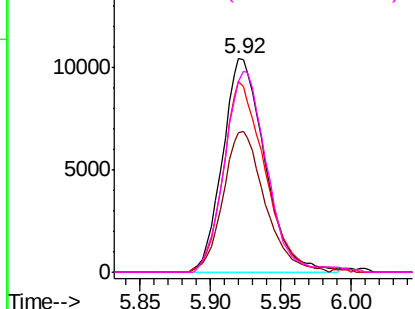
#34
 Trichloroethene
 Concen: 4.980 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
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Tot Ion: 95 Resp: 21886
 Ion Ratio Lower Upper
 95 100
 97 65.3 44.4 82.4
 132 89.1 64.3 119.3
 130 89.1 67.8 125.8

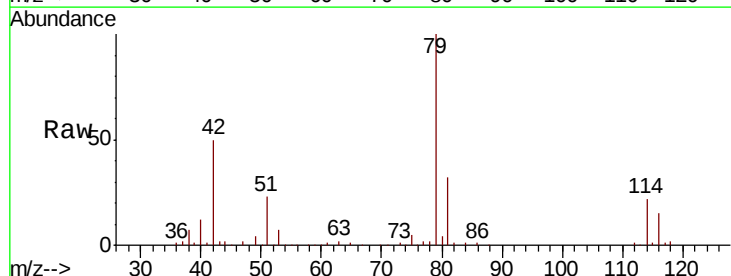


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

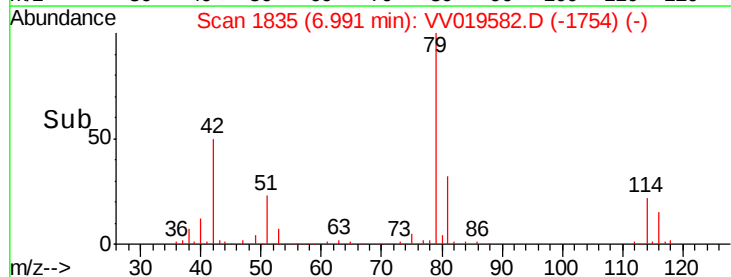
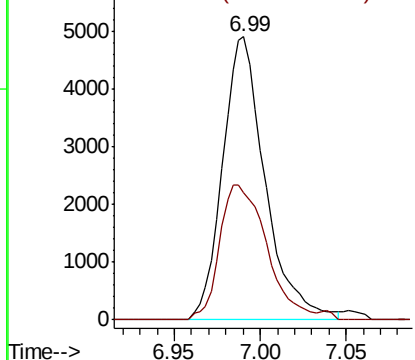


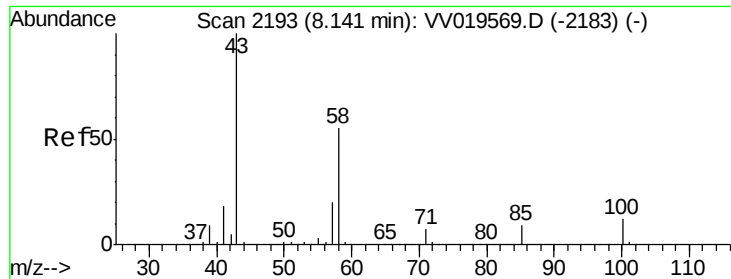
#39
 cis-1,3-Dichloropropene
 Concen: 1.179 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019582.D
 Acq: 13 Dec 2020 02:28

Tgt Ion: 75 Resp: 8509
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

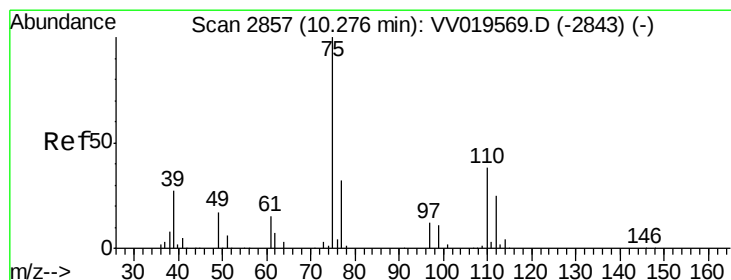
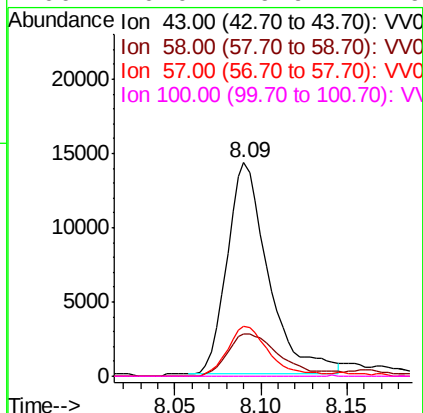
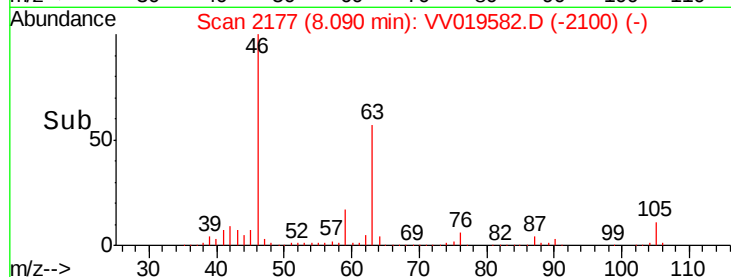
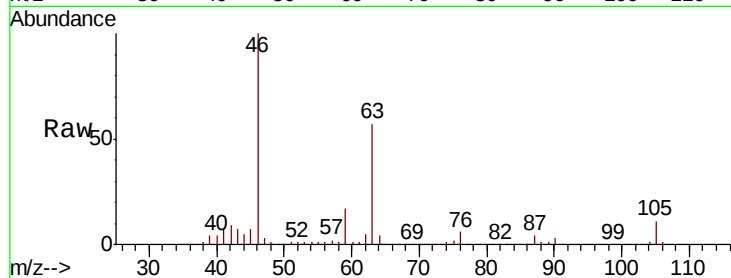




#48
2-Hexanone
Concen: 5.030 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019582.D
Acq: 13 Dec 2020 02:28

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MSVOA_V
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C0AT1

Tot Ion: 43 Resp: 23924
Ion Ratio Lower Upper
43 100
58 24.4 44.4 66.6#
57 23.7 15.7 23.5#
100 0.0 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.483 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019582.D
Acq: 13 Dec 2020 02:28

Tgt Ion: 75 Resp: 35035
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8

