

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019663.D
 Acq On : 15 Dec 2020 20:47
 Operator : SY/MD
 Sample : L5062-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:32:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	597735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	559740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	255997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	221018	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.12%
7) Chloroethane-d5	1.57	69	178401	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.54%
11) 1,1-Dichloroethene-d2	2.11	63	316242	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
21) 2-Butanone-d5	3.89	46	315217	135.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.30%#
24) Chloroform-d	4.35	84	379633	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.04	65	265460	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
32) Benzene-d6	5.05	84	775468	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
36) 1,2-Dichloropropane-d6	6.07	67	247179	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.32	98	687083	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%
43) trans-1,3-Dichloropropene-	7.62	79	118944	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.09	63	219088	119.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.37%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	313158	49.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	248858	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

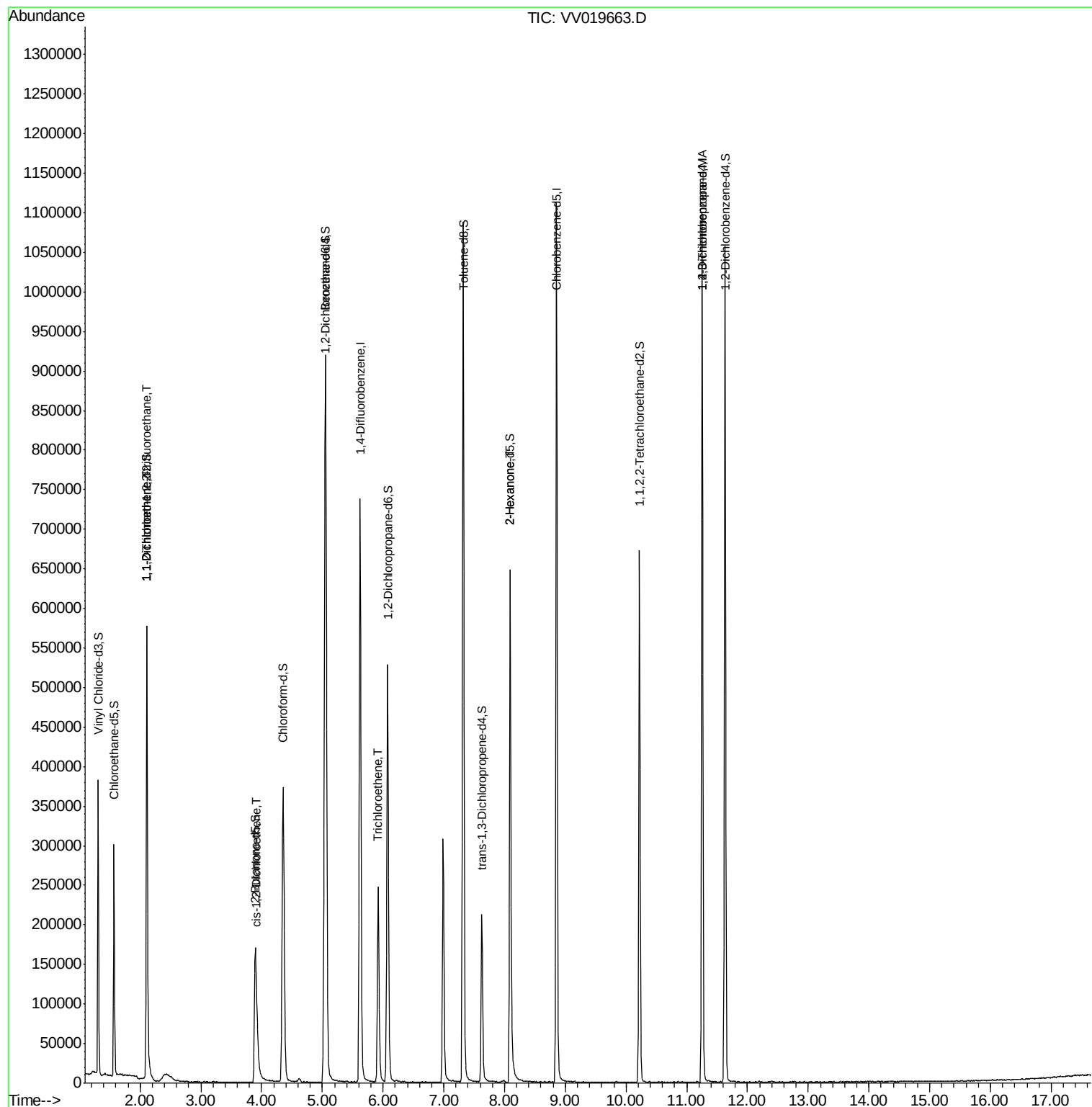
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2679	0.772 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	6656	1.869 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	5115	1.192 ug/L #	83
34) Trichloroethene	5.92	95	87287	20.199 ug/L	98
48) 2-Hexanone	8.09	43	27808	5.946 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	34763	6.542 ug/L	91

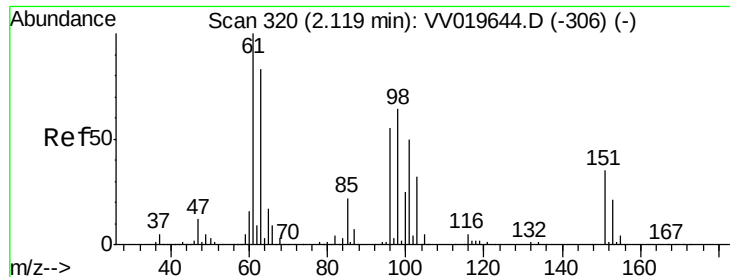
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121520\
Data File : VV019663.D
Acq On : 15 Dec 2020 20:47
Operator : SY/MD
Sample : L5062-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 16 00:32:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 16 00:27:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.772 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019663.D

Acq: 15 Dec 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

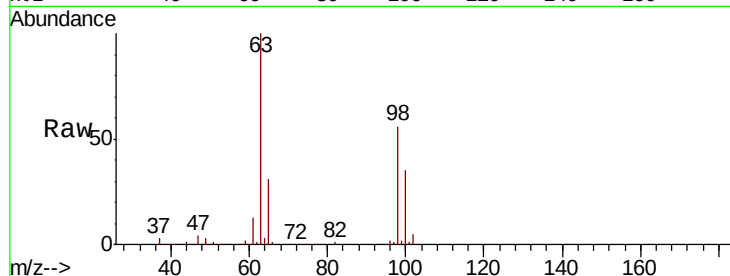
Tot Ion:101 Resp: 2679

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

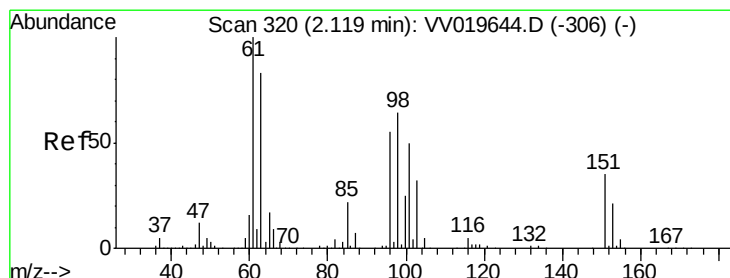
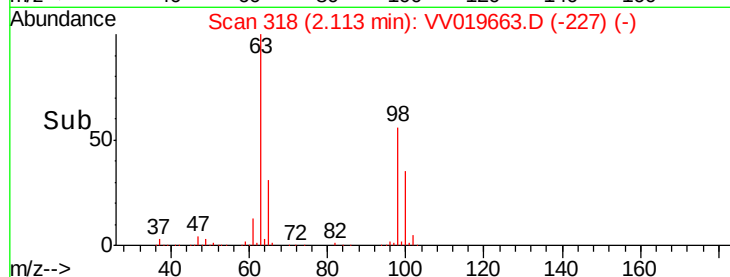
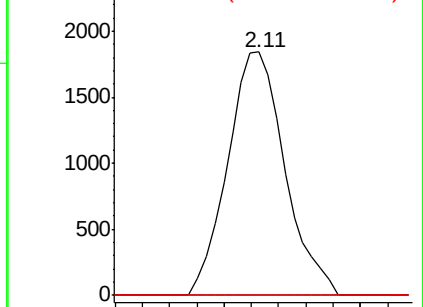
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019644.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019644.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019644.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 1.869 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019663.D

Acq: 15 Dec 2020 20:47

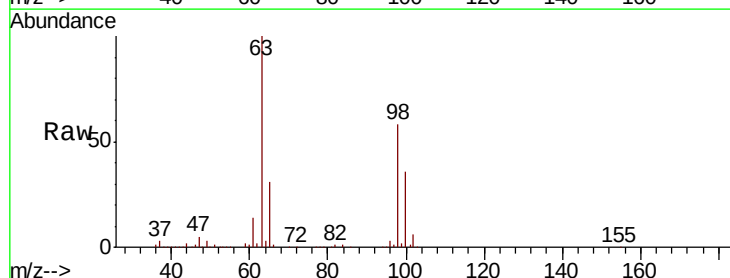
Tgt Ion: 96 Resp: 6656

Ion Ratio Lower Upper

96 100

61 557.3 120.7 224.1#

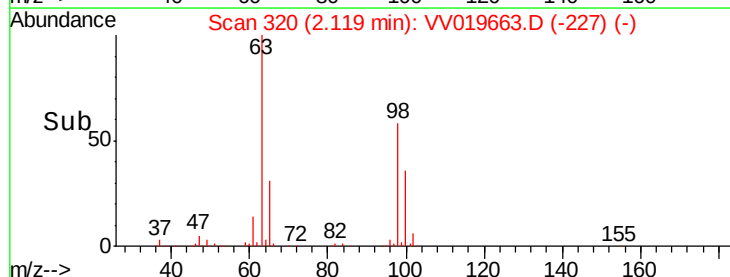
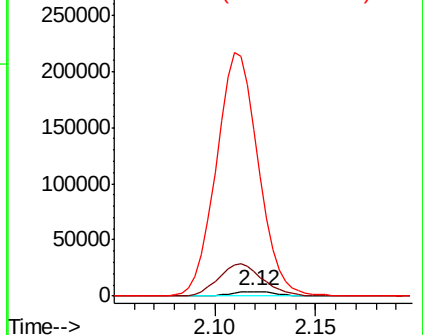
63 3844.0 64.3 119.5#

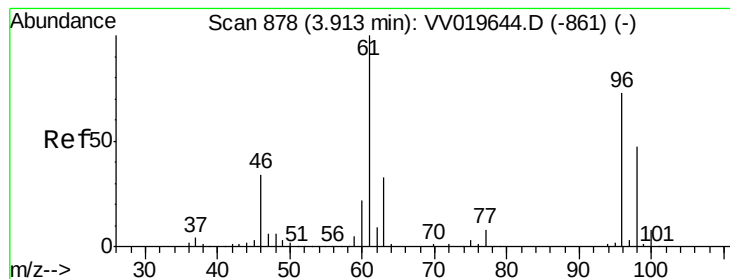


Abundance Ion 96.00 (95.70 to 96.70): VV019663.D (-227) (-)

Ion 61.00 (60.70 to 61.70): VV019663.D (-227) (-)

Ion 63.00 (62.70 to 63.70): VV019663.D (-227) (-)





#20

cis-1,2-Dichloroethene

Concen: 1.192 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019663.D

Acq: 15 Dec 2020 20:47

Instrument :
MSVOA_V
ClientSampleId :

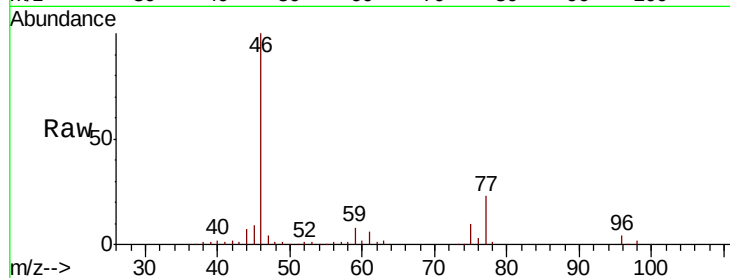
Tot Ion: 96 Resp: 5115

Ion Ratio Lower Upper

96 100

61 154.6 94.1 174.8

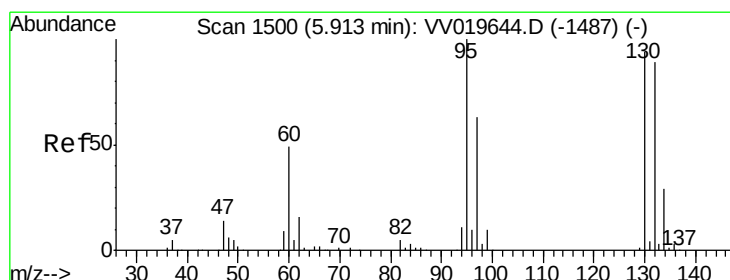
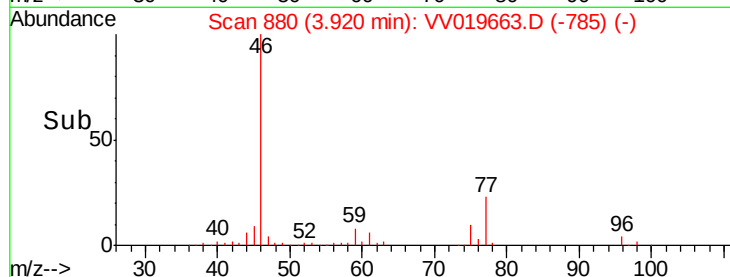
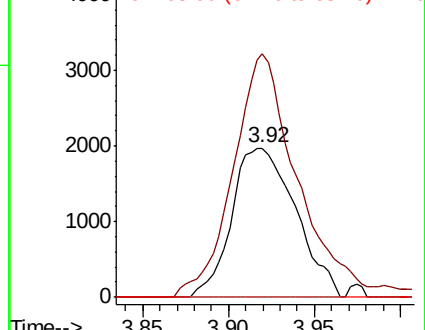
68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VV019644.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VV019644.D (-861) (-)

Ion 68.00 (67.70 to 68.70): VV019644.D (-861) (-)



#34

Trichloroethene

Concen: 20.199 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019663.D

Acq: 15 Dec 2020 20:47

Tgt Ion: 95 Resp: 87287

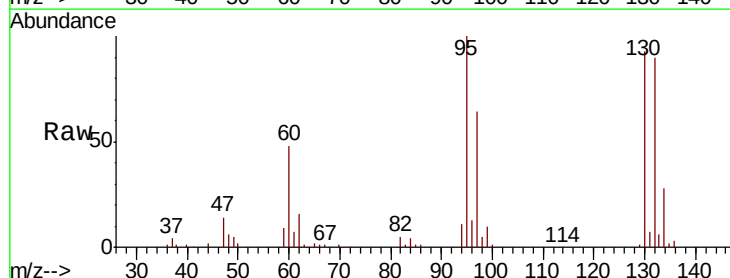
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 90.2 64.3 119.3

130 92.6 67.8 125.8

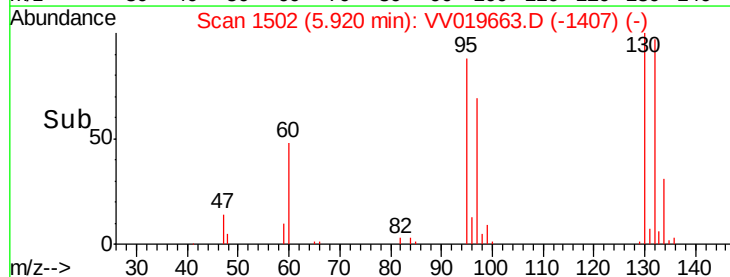
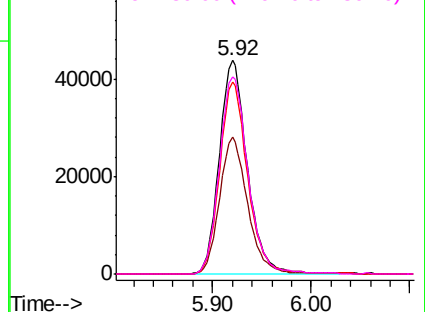


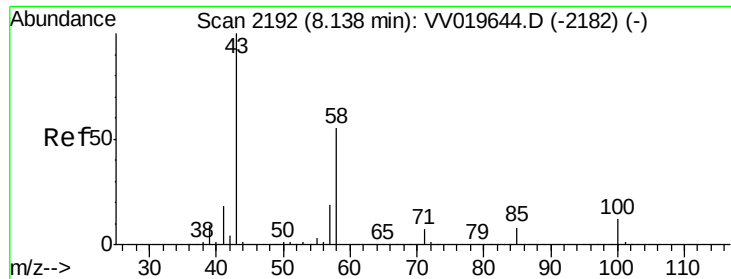
Abundance Ion 95.00 (94.70 to 95.70): VV019644.D (-1487) (-)

Ion 97.00 (96.70 to 97.70): VV019644.D (-1487) (-)

Ion 132.00 (131.70 to 132.70): VV019644.D (-1487) (-)

Ion 130.00 (129.70 to 130.70): VV019644.D (-1487) (-)

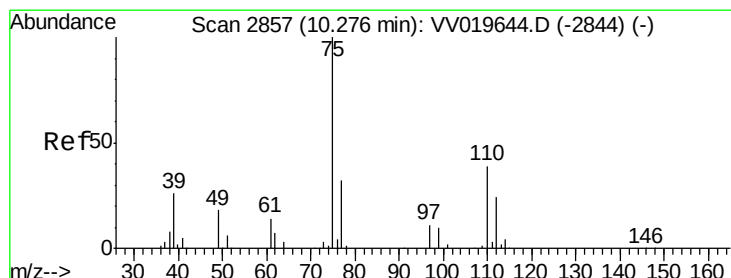
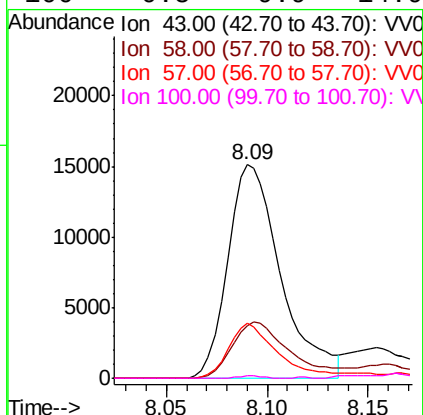
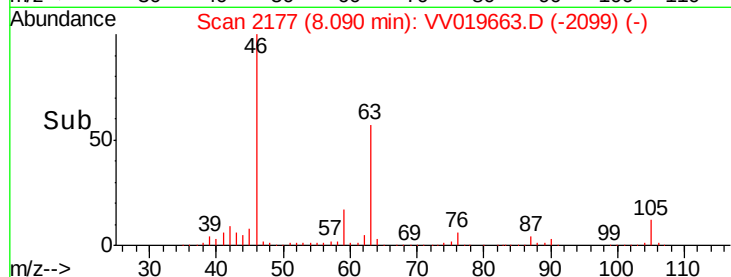
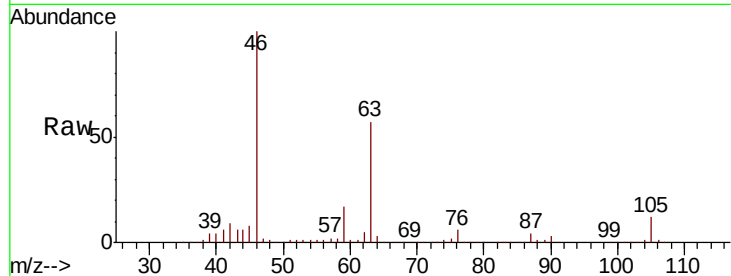




#48
 2-Hexanone
 Concen: 5.946 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019663.D
 Acq: 15 Dec 2020 20:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 27808
 Ion Ratio Lower Upper
 43 100
 58 28.4 44.4 66.6#
 57 23.7 15.7 23.5#
 100 0.5 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.542 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019663.D
 Acq: 15 Dec 2020 20:47

Tgt Ion: 75 Resp: 34763
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.8

