

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019318.D
 Acq On : 10 Nov 2020 13:01
 Operator : SY/MD
 Sample : L4615-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	260861	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103323	49.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.68%
7) Chloroethane-d5	1.58	69	85042	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.62%
11) 1,1-Dichloroethene-d2	2.12	63	155892	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.06%
21) 2-Butanone-d5	3.91	46	112857	88.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.88%
24) Chloroform-d	4.37	84	175779	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.05	65	124791	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
32) Benzene-d6	5.07	84	342576	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.09	67	107461	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.20%
41) Toluene-d8	7.33	98	303940	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.64	79	53451	42.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.26%
47) 2-Hexanone-d5	8.11	63	69342	73.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.90%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	124826	42.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	121424	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%

Target Compounds

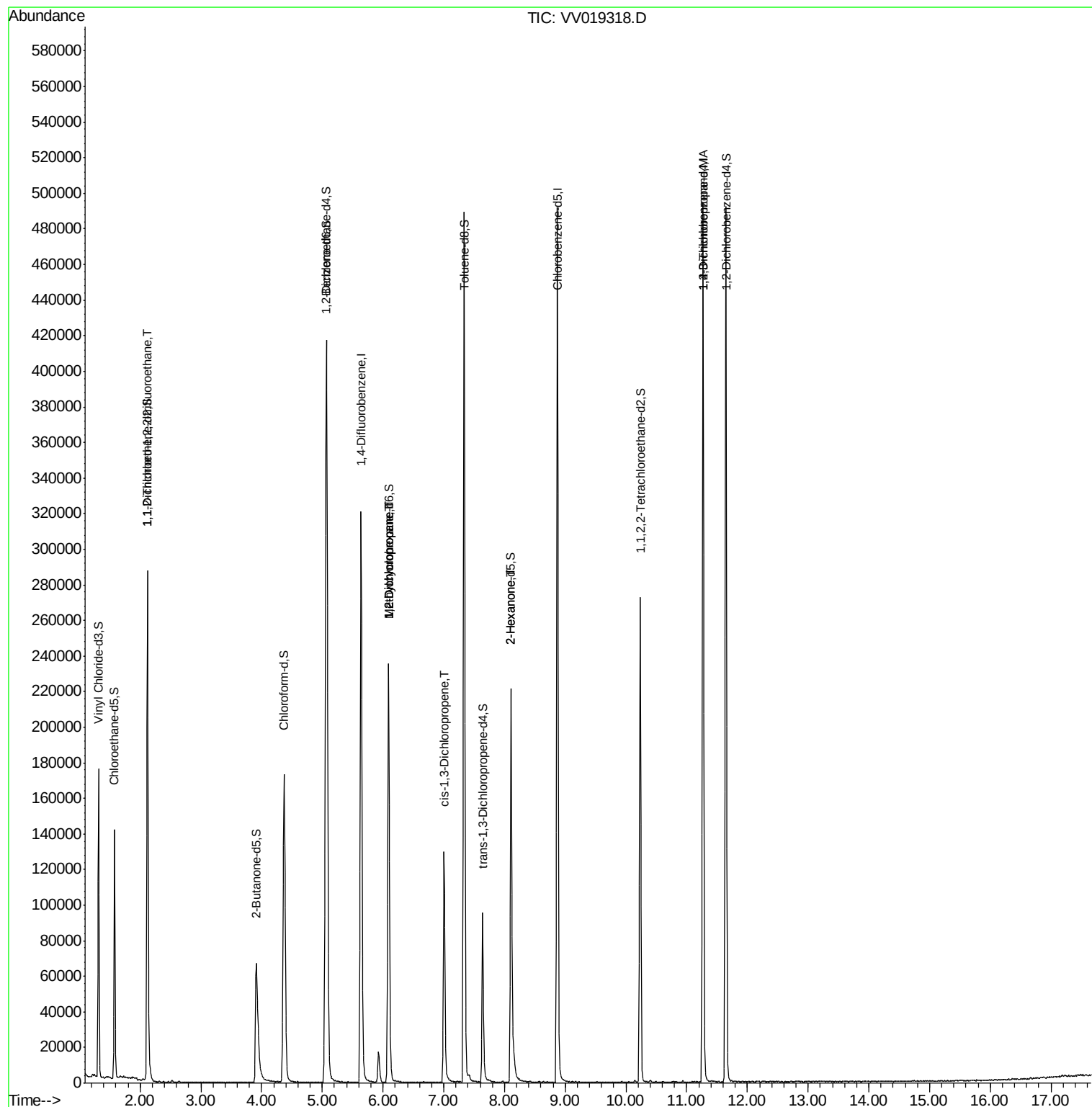
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1261	0.738	ug/L # 17
35) Methylcyclohexane	6.09	83	27958	10.236	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	13237	7.217	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	3453	1.140	ug/L # 80
48) 2-Hexanone	8.11	43	9700	4.823	ug/L # 72
59) 1,2,3-Trichloropropane	11.27	75	14319	5.972	ug/L # 87

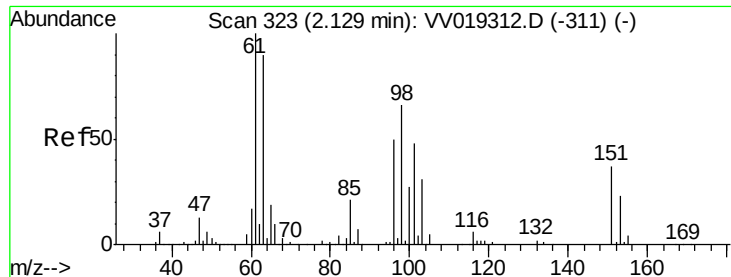
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.738 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019318.D

Acq: 10 Nov 2020 13:01

Instrument :

MSVOA_V

ClientSampleId :

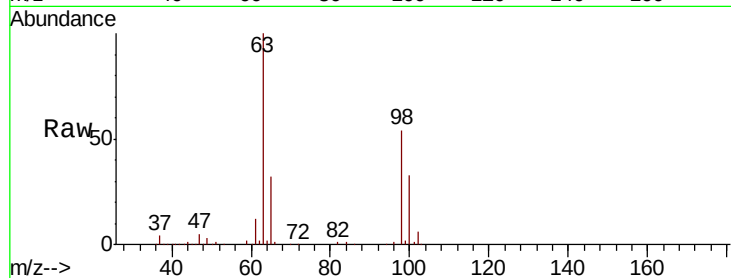
Tot Ion:101 Resp: 1261

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

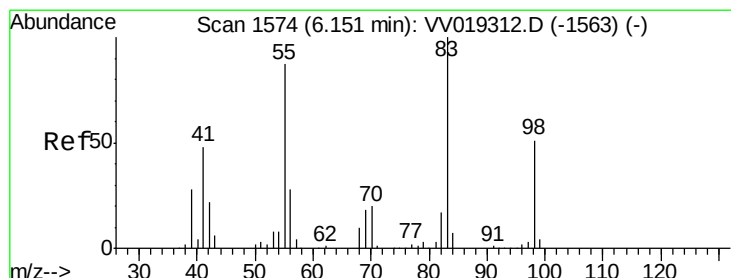
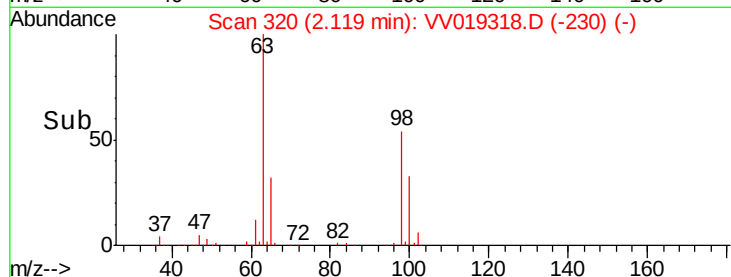
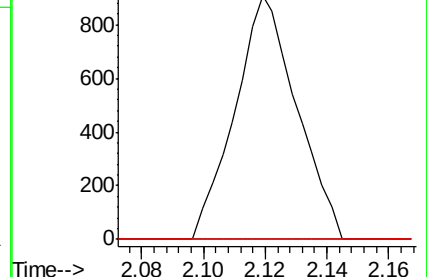
151 0.0 65.0 97.4#



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



#35

Methylcyclohexane

Concen: 10.236 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV019318.D

Acq: 10 Nov 2020 13:01

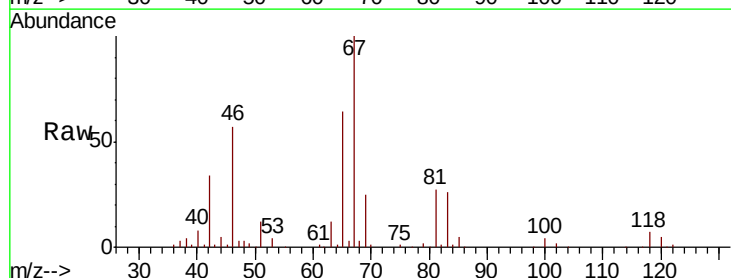
Tgt Ion: 83 Resp: 27958

Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.4#

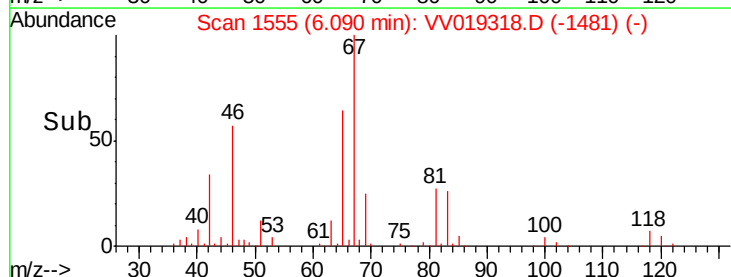
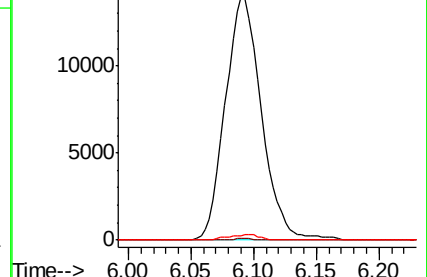
98 1.9 39.4 59.2#

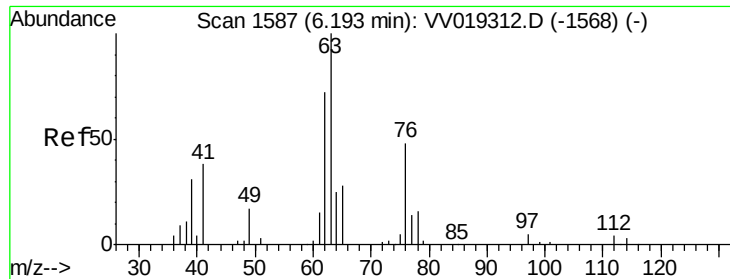


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

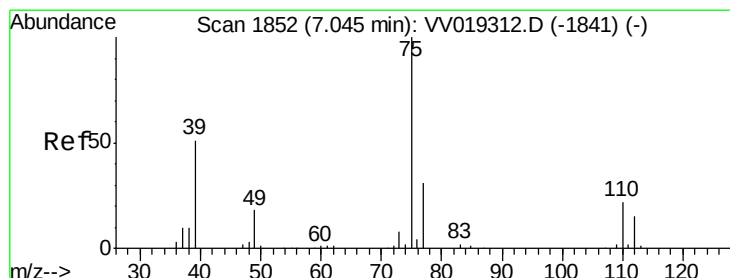
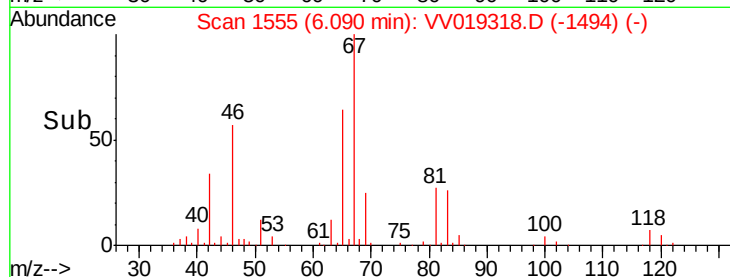
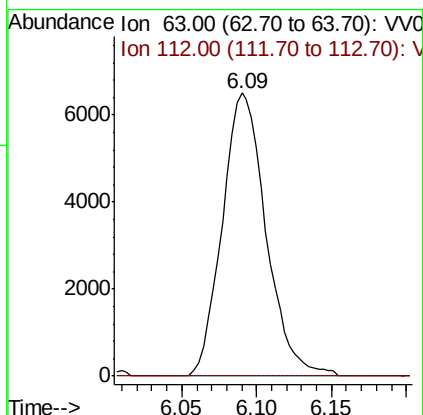
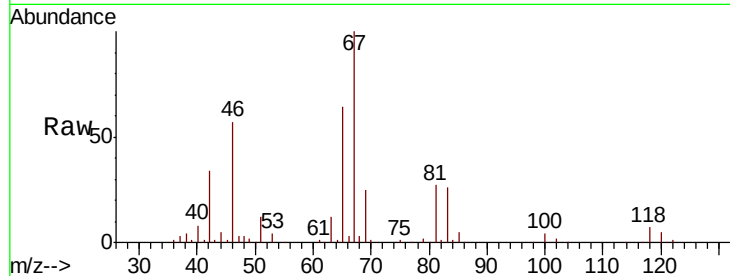




#37
 1,2-Dichloropropane
 Concen: 7.217 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV019318.D
 Acq: 10 Nov 2020 13:01

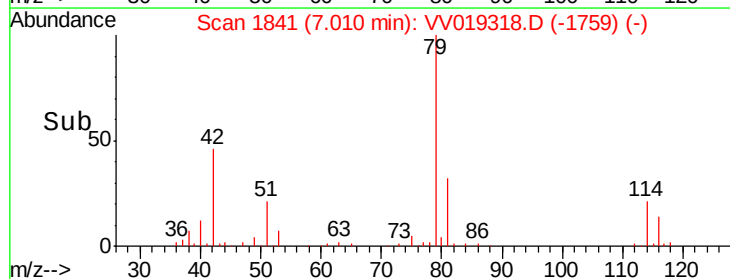
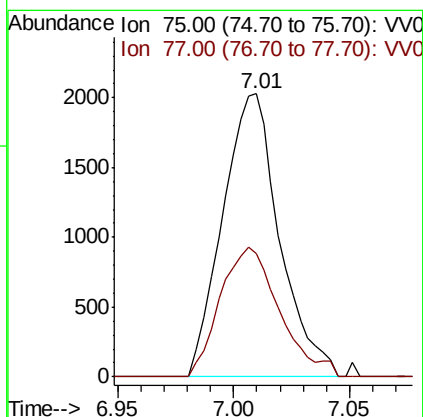
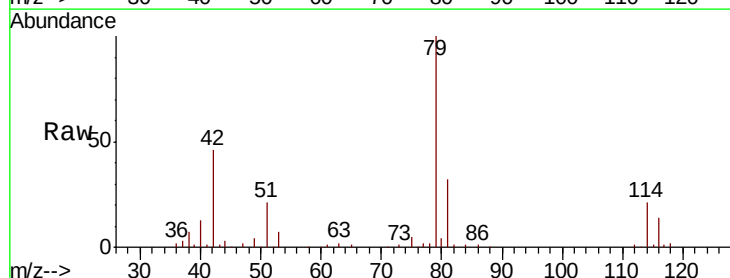
Instrument :
 MSVOA_V
 ClientSampleId :

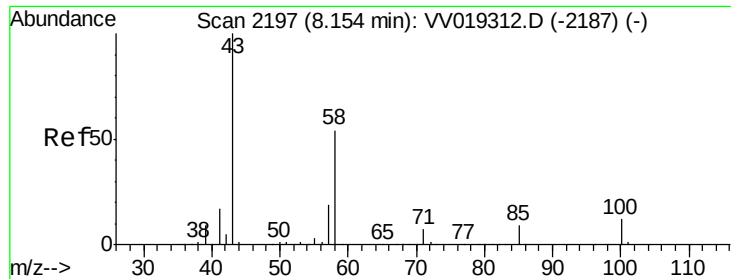
Tot Ion: 63 Resp: 13237
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.140 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019318.D
 Acq: 10 Nov 2020 13:01

Tgt Ion: 75 Resp: 3453
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.7 42.1#

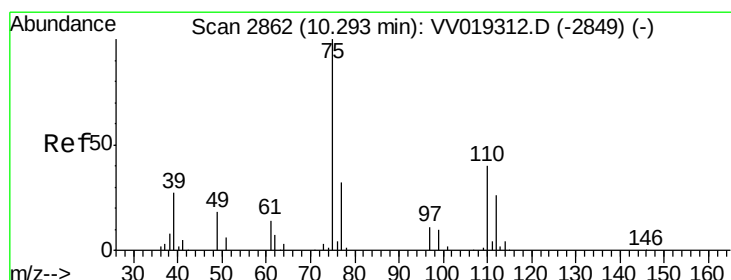
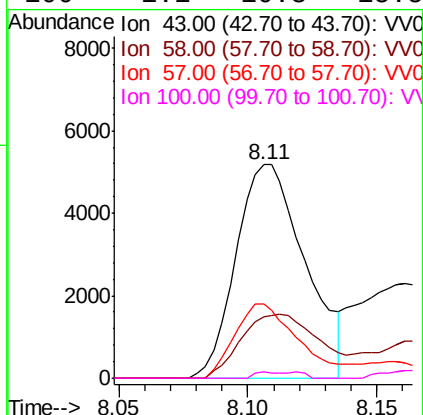
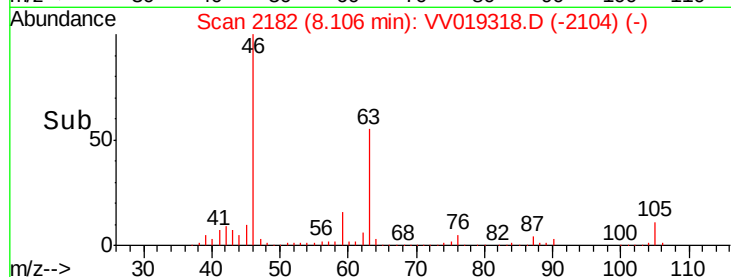
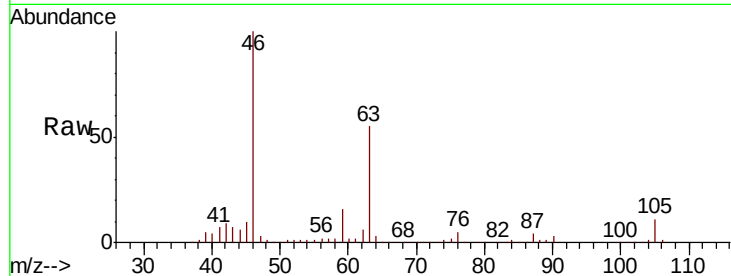




#48
2-Hexanone
Concen: 4.823 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019318.D
Acq: 10 Nov 2020 13:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9700
Ion Ratio Lower Upper
43 100
58 33.9 43.6 65.4#
57 31.4 16.0 24.0#
100 1.1 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 5.972 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019318.D
Acq: 10 Nov 2020 13:01

Tgt Ion: 75 Resp: 14319
Ion Ratio Lower Upper
75 100
77 39.9 26.2 39.4#

