

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019353.D
 Acq On : 12 Nov 2020 15:35
 Operator : SY/MD
 Sample : VV1112MBL01
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK81

Quant Time: Nov 13 01:13:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	207541	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	205216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74460	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	61823	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.26%
11) 1,1-Dichloroethene-d2	2.12	63	118887	36.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.86%
21) 2-Butanone-d5	3.91	46	79925	99.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.07%
24) Chloroform-d	4.38	84	140062	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
26) 1,2-Dichloroethane-d4	5.06	65	99287	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.07	84	255370	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.09	67	72488	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.68%
41) Toluene-d8	7.34	98	241788	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.64	79	43650	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.11	63	51893	94.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.19%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	91568	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	113147	52.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

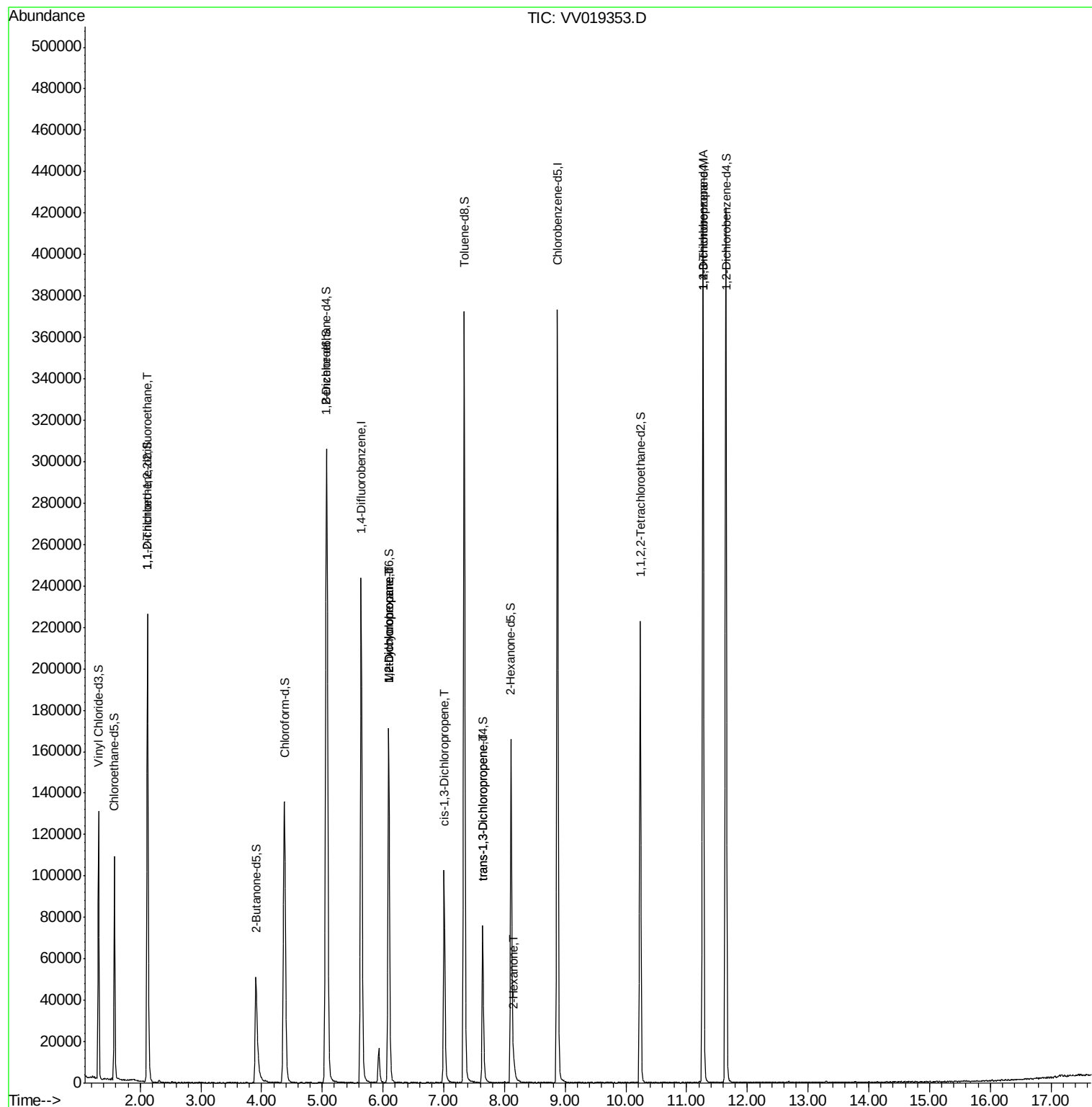
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1246	0.909 ug/L #	15
35) Methylcyclohexane	6.09	83	20869	10.816 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9650	7.670 ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	2837	1.315 ug/L #	46
44) trans-1,3-Dichloropropene	7.64	75	2166	0.943 ug/L	91
48) 2-Hexanone	8.16	43	4147	3.333 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	10651	6.199 ug/L #	89

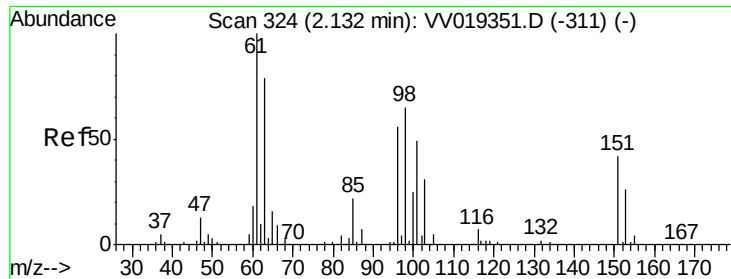
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK81

Quant Time: Nov 13 01:13:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 01:06:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.909 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019353.D

Acq: 12 Nov 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK81

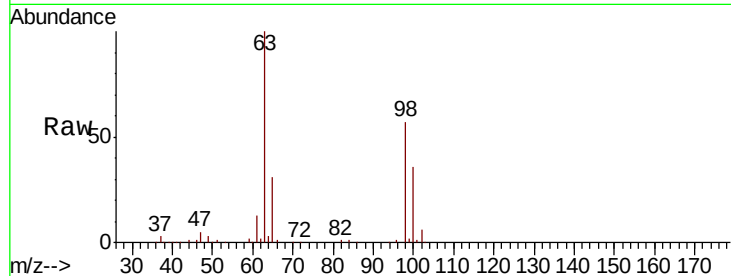
Tot Ion:101 Resp: 1246

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

151 0.0 69.2 103.8#



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

2.12

800

600

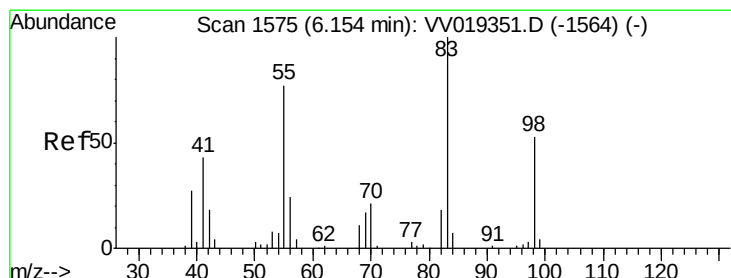
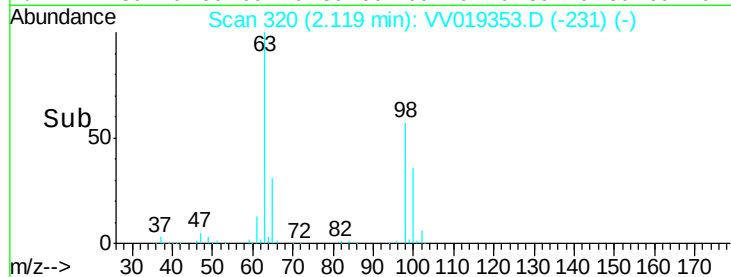
400

200

0

2.08 2.10 2.12 2.14 2.16

Time-->



#35

Methylcyclohexane

Concen: 10.816 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019353.D

Acq: 12 Nov 2020 15:35

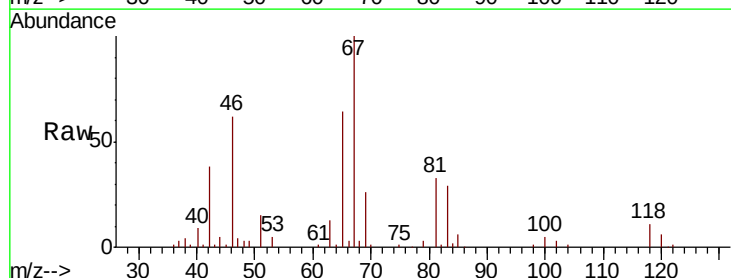
Tgt Ion: 83 Resp: 20869

Ion Ratio Lower Upper

83 100

55 0.0 58.6 88.0#

98 1.7 41.4 62.0#



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

6.09

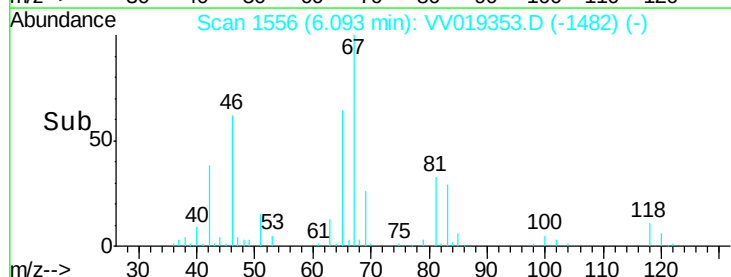
10000

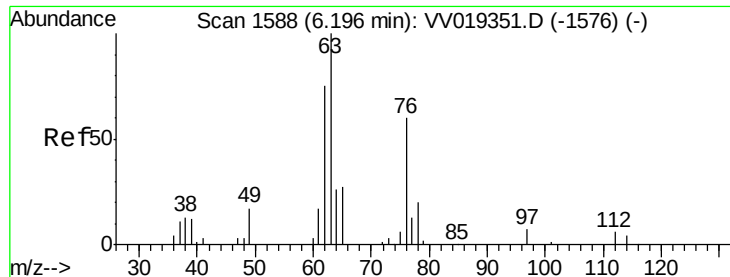
5000

0

6.05 6.10 6.15

Time-->

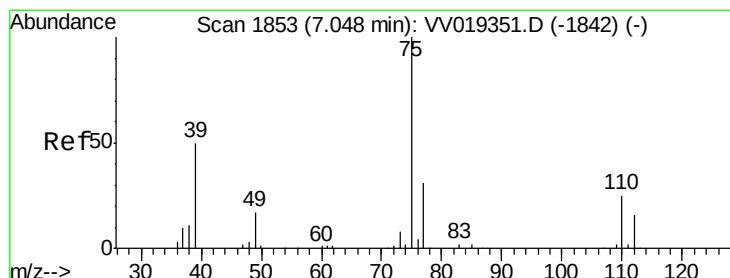
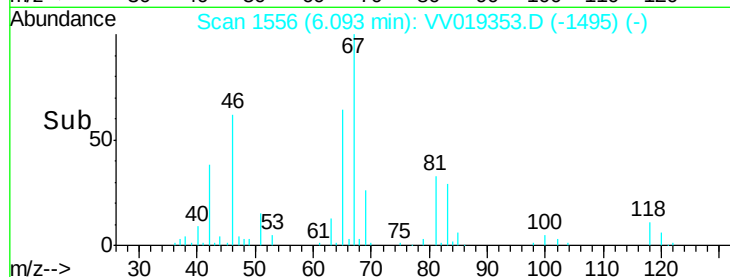
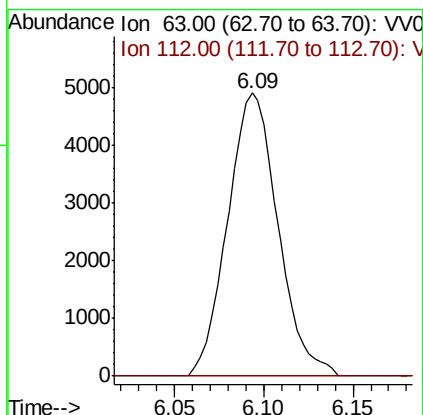
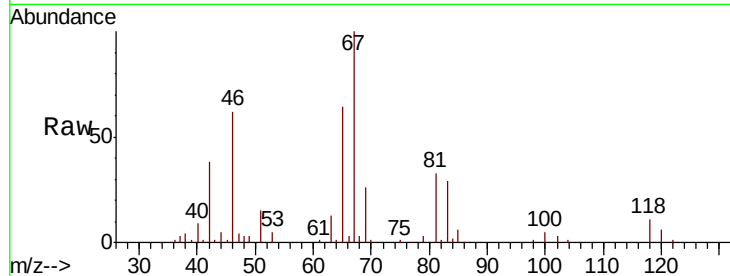




#37
 1,2-Dichloropropane
 Concen: 7.670 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019353.D
 Acq: 12 Nov 2020 15:35

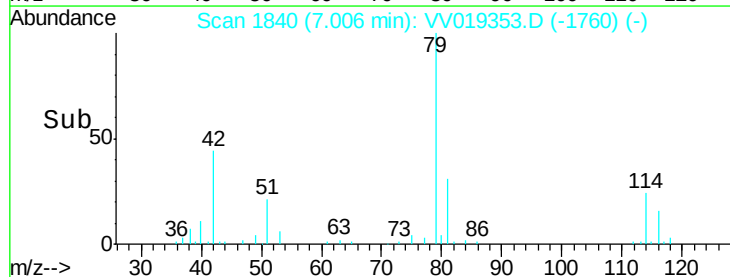
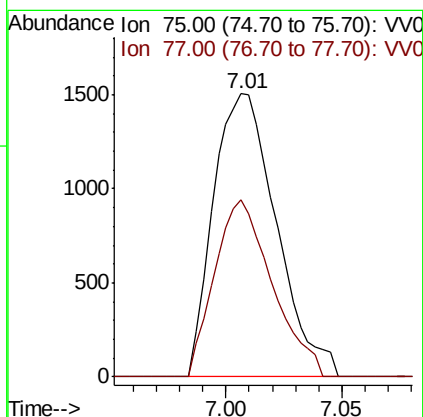
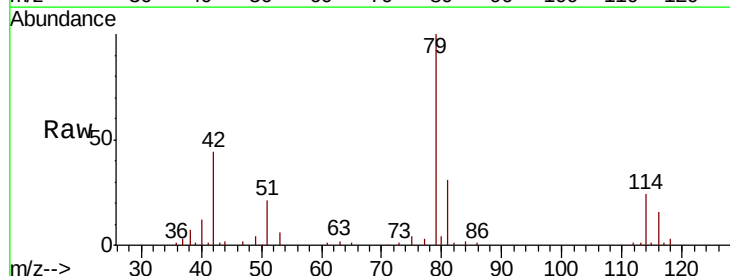
Instrument :
 MSVOA_V
 ClientSampleID :
 VBLK81

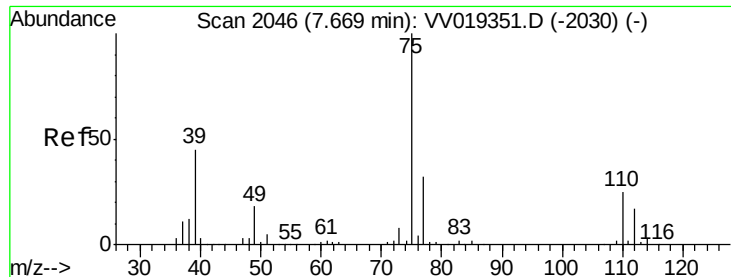
Tot Ion: 63.00 Resp: 9650
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.315 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019353.D
 Acq: 12 Nov 2020 15:35

Tgt Ion: 75 Resp: 2837
 Ion Ratio Lower Upper
 75 100
 77 62.8 22.7 42.1#





#44

trans-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019353.D

Acq: 12 Nov 2020 15:35

Instrument :

MSVOA_V

ClientSampled :

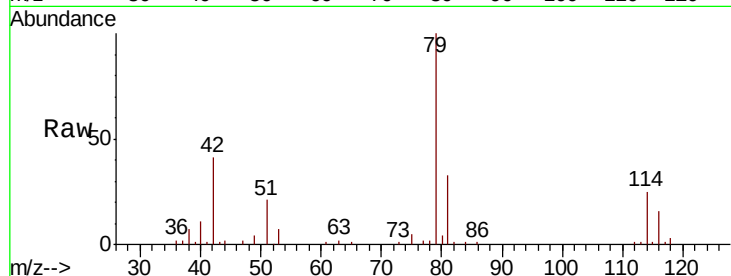
VBLK81

Tot Ion: 75 Resp: 2166

Ion Ratio Lower Upper

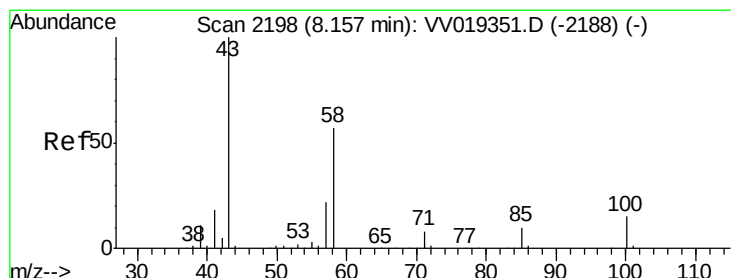
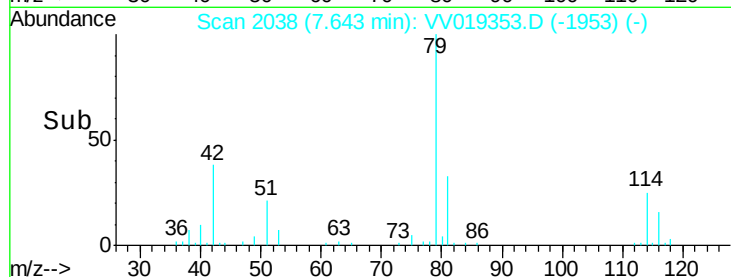
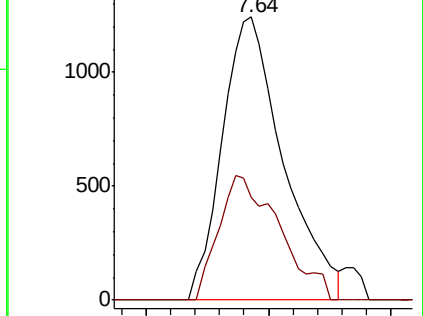
75 100

77 36.2 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.333 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV019353.D

Acq: 12 Nov 2020 15:35

Tgt Ion: 43 Resp: 4147

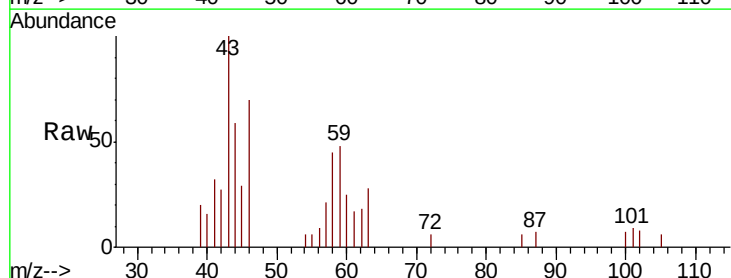
Ion Ratio Lower Upper

43 100

58 43.5 43.6 65.4#

57 14.7 17.2 25.8#

100 2.3 11.9 17.9#

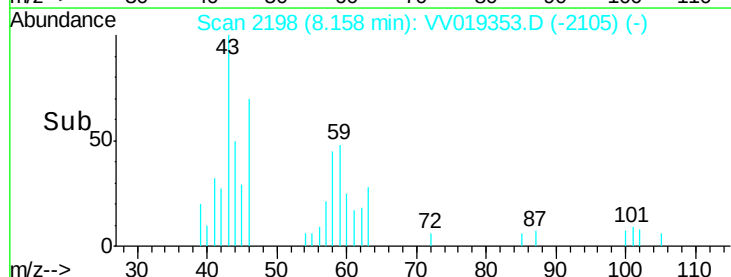
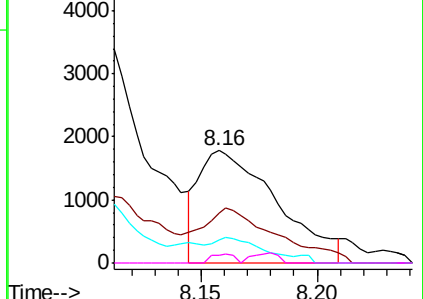


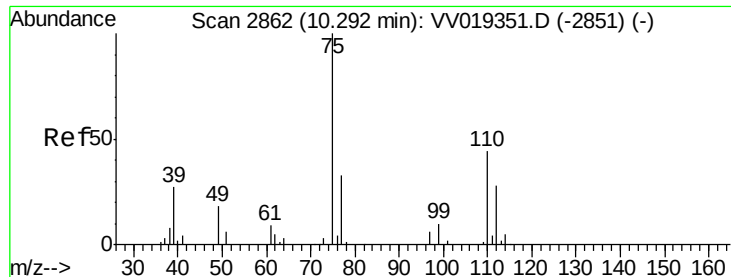
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.199 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019353.D

Acq: 12 Nov 2020 15:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK81

Tot Ion: 75 Resp: 10651

Ion Ratio Lower Upper

75 100

77 37.4 25.0 37.4#

