

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018037.D
 Acq On : 17 Aug 2020 19:54
 Operator : SY/MD
 Sample : L3665-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 18 01:29:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268742	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91344	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.10%
7) Chloroethane-d5	1.58	69	79516	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	136983	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.91	46	120290	89.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.57%
24) Chloroform-d	4.38	84	166165	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.06	65	113800	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.07	84	334938	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.09	67	109029	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.92%
41) Toluene-d8	7.34	98	294631	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.64	79	48331	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.11	63	59522	77.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131295	42.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	121679	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

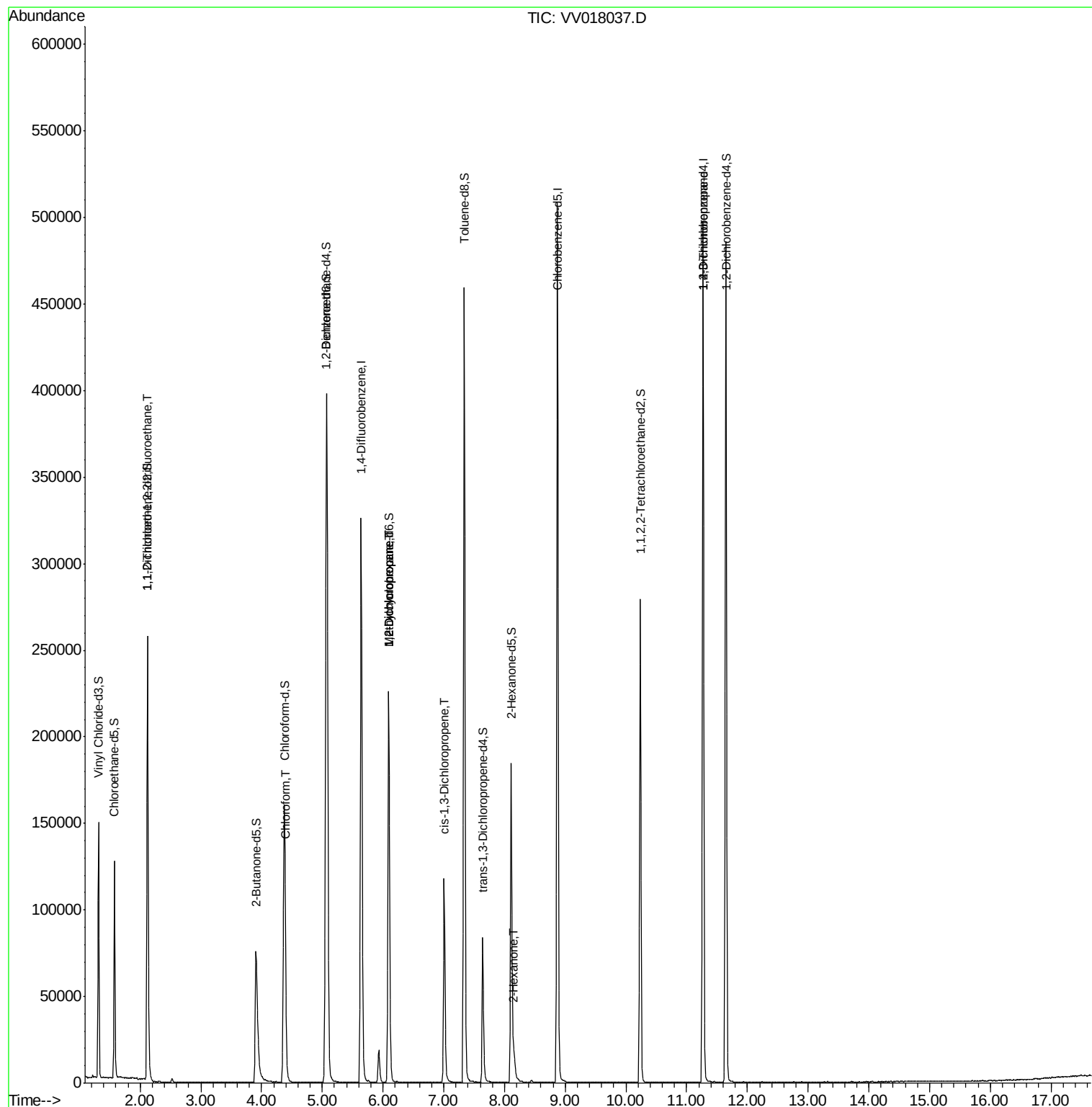
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1233	0.647 ug/L #	20
25) Chloroform	4.40	83	4618	1.215 ug/L	93
35) Methylcyclohexane	6.09	83	26160	8.082 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12376	5.511 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2896	0.910 ug/L #	64
48) 2-Hexanone	8.16	43	8008	3.382 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	15699	5.660 ug/L	94

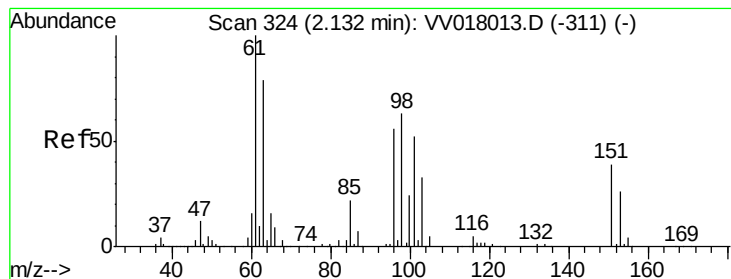
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.647 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018037.D

Acq: 17 Aug 2020 19:54

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

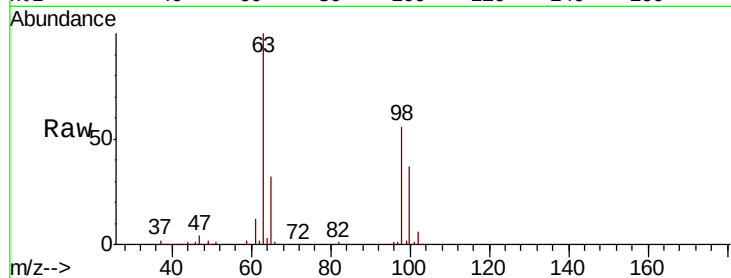
Tot Ion:101 Resp: 1233

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

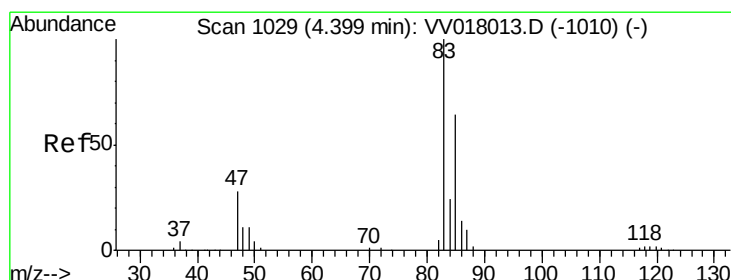
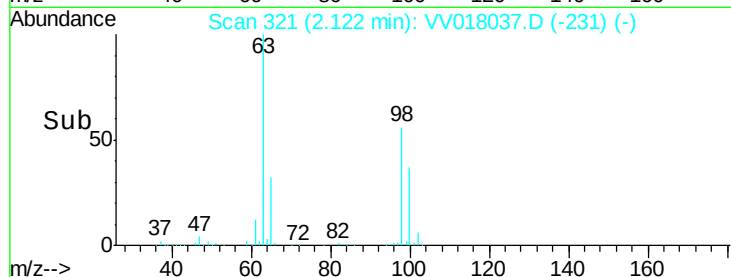
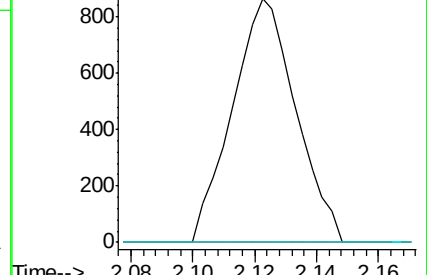
151 0.0 59.1 88.7#



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



#25

Chloroform

Concen: 1.215 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018037.D

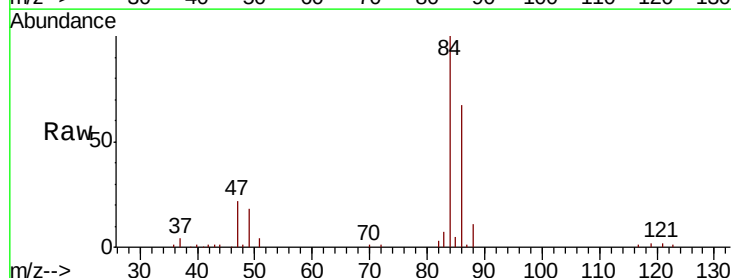
Acq: 17 Aug 2020 19:54

Tgt Ion: 83 Resp: 4618

Ion Ratio Lower Upper

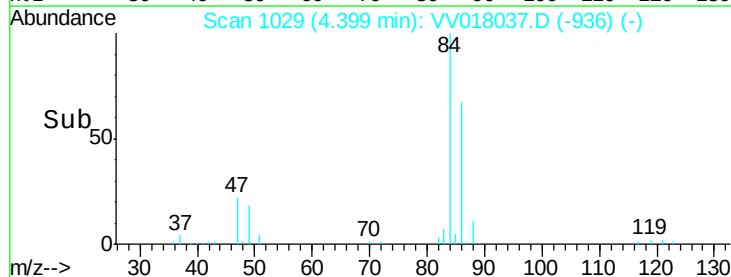
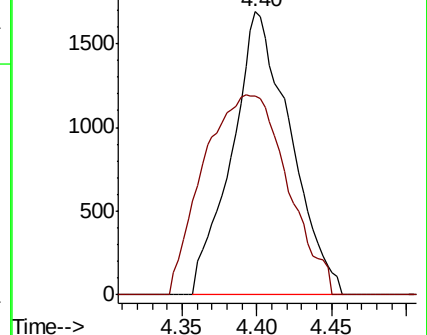
83 100

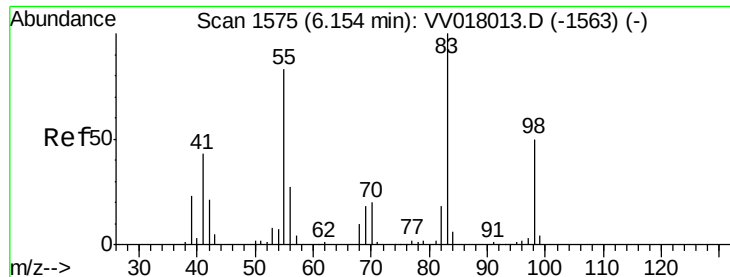
85 70.4 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methvlcvclohexane

Concen: 8.082 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018037.D

Acq: 17 Aug 2020 19:54

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

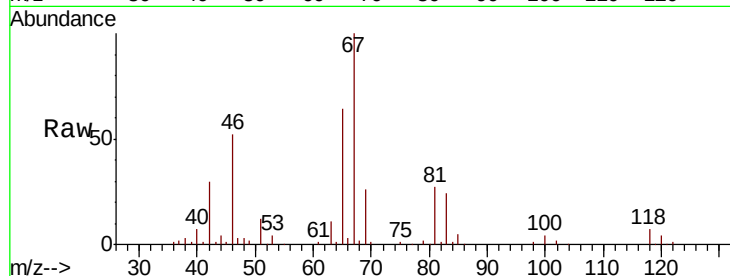
Tot Ion: 83 Resp: 26160

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

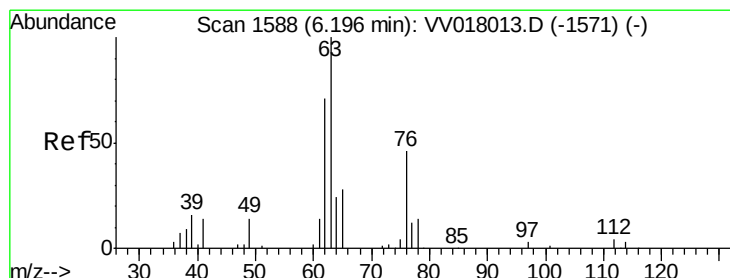
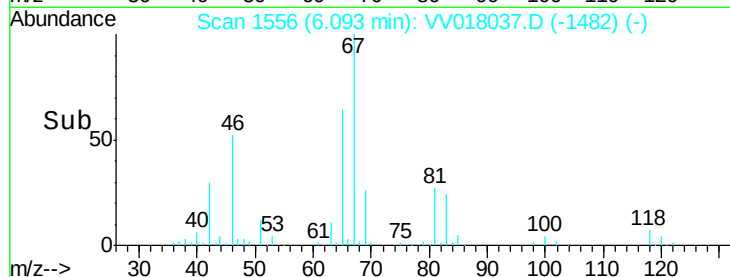
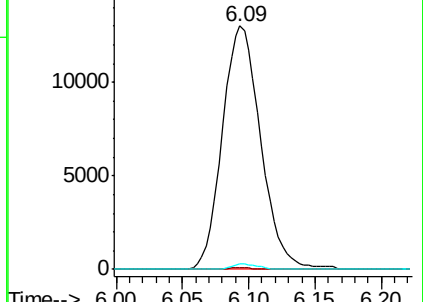
98 1.5 38.7 58.1#



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: 5.511 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018037.D

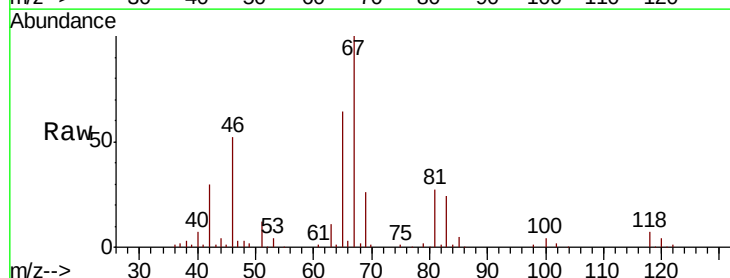
Acq: 17 Aug 2020 19:54

Tgt Ion: 63 Resp: 12376

Ion Ratio Lower Upper

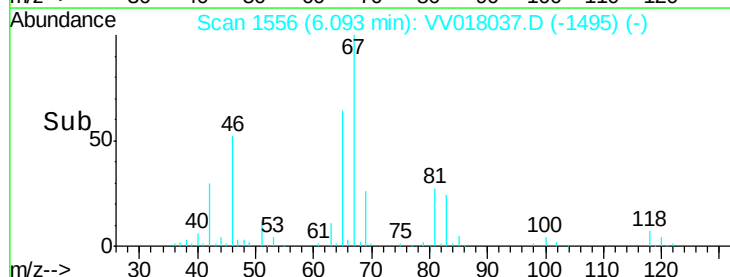
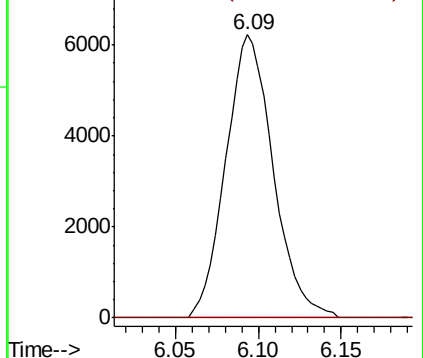
63 100

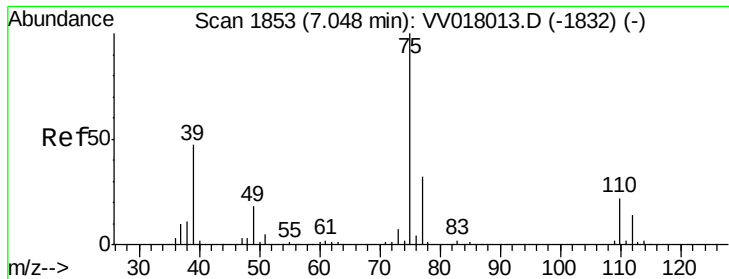
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018037.D

Acq: 17 Aug 2020 19:54

Instrument :

MSVOA_V

ClientSampleId :

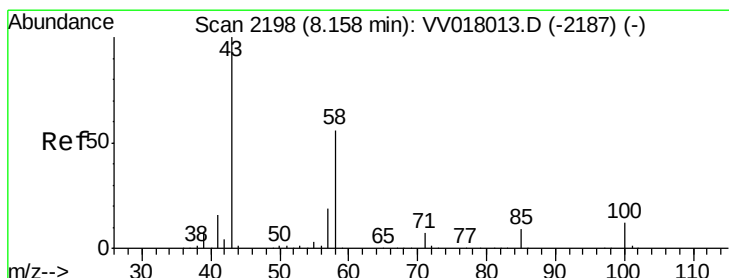
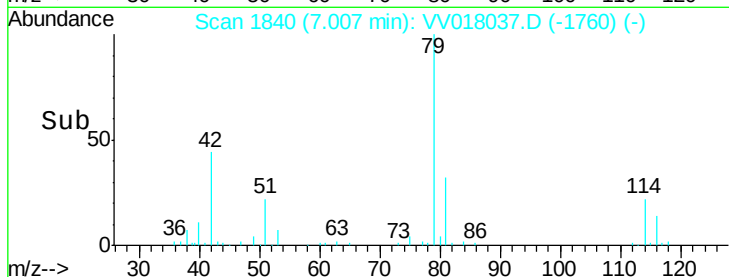
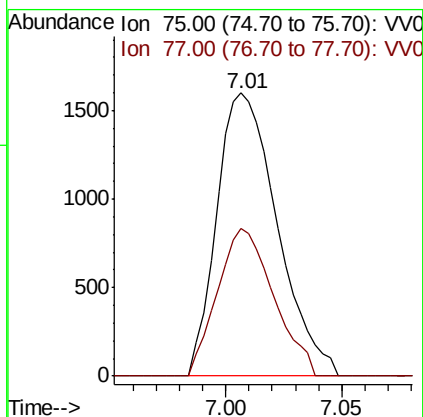
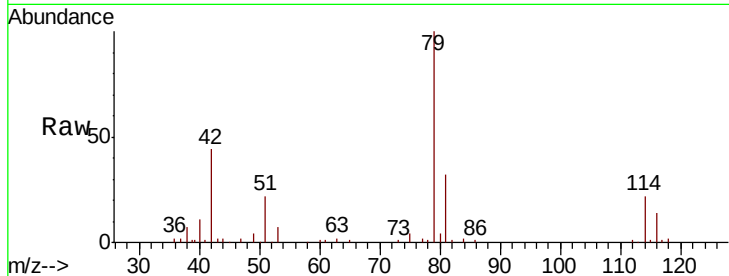
VHBLK01

Tot Ion: 75 Resp: 2896

Ion Ratio Lower Upper

75 100

77 52.2 22.3 41.5#



#48

2-Hexanone

Concen: 3.382 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018037.D

Acq: 17 Aug 2020 19:54

Tgt Ion: 43 Resp: 8008

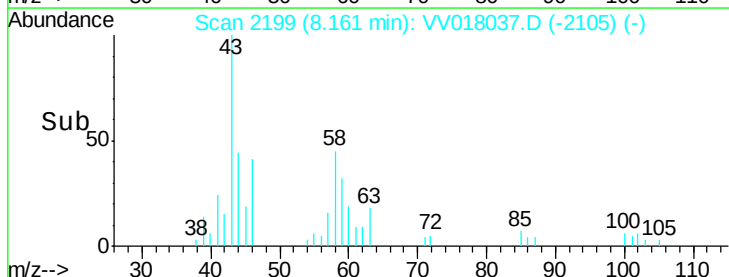
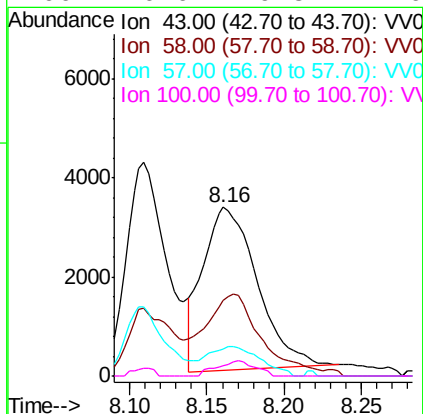
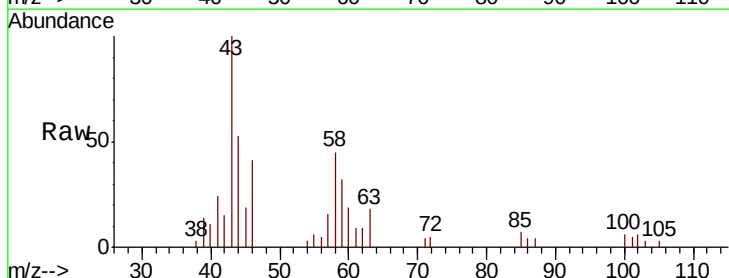
Ion Ratio Lower Upper

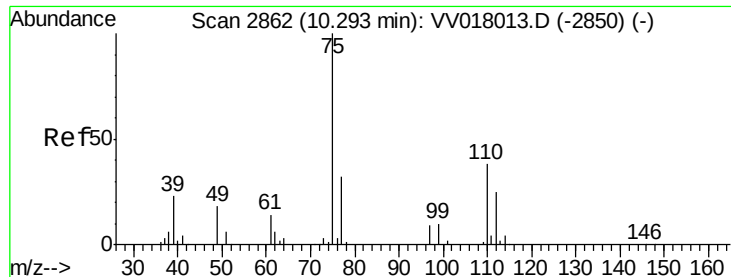
43 100

58 42.4 44.4 66.6#

57 17.7 15.2 22.8

100 6.6 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.660 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018037.D

Acq: 17 Aug 2020 19:54

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 15699

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5

