

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
 Data File : VV017177.D
 Acq On : 26 Jun 2020 12:46
 Operator : SY/MD
 Sample : L3068-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 26 13:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 12:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159413	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44255	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	36202	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	66756	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	116335	46.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	4.38	84	108090	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	60452	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.07	84	193411	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.09	67	57262	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	168006	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.64	79	23236	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
48) 2-Hexanone-d5	8.12	63	85440	43.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39861	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	69242	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

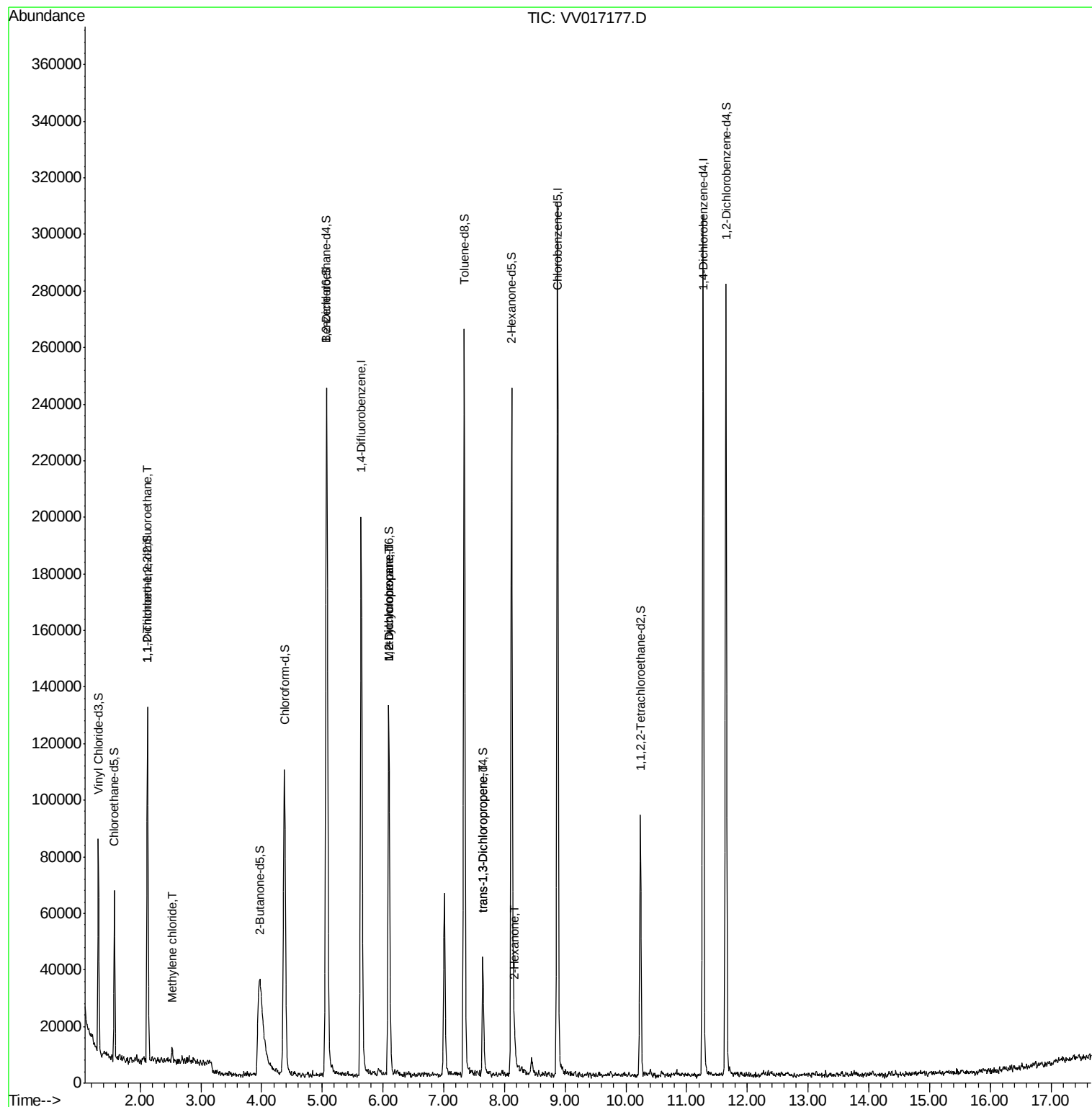
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	825	0.095 ug/L #	20
16) Methylene chloride	2.52	84	1721	0.203 ug/L	92
35) Methylcyclohexane	6.10	83	15561	0.819 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	7942	0.769 ug/L #	90
46) trans-1,3-Dichloropropene	7.64	75	1401	0.105 ug/L #	49
50) 2-Hexanone	8.17	43	2252	0.530 ug/L #	46

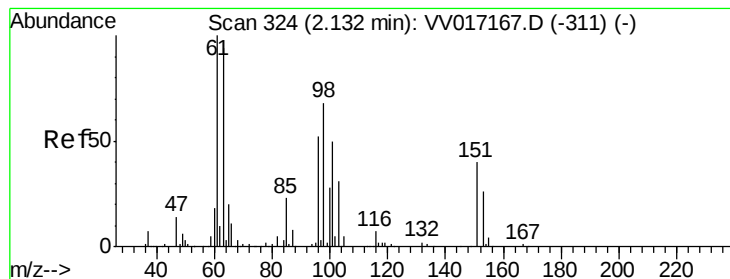
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 12:57:45 2020
Response via : Initial Calibration





#10

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

Concen: 0.095 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV017177.D

Acq: 26 Jun 2020 12:46

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

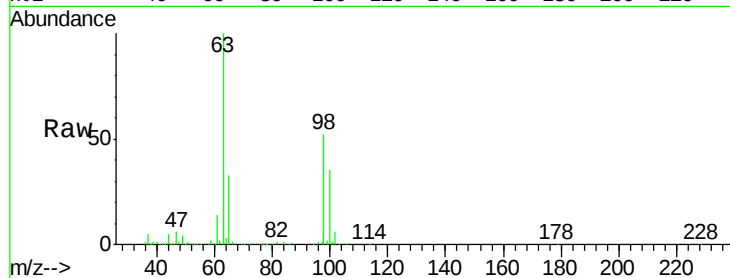
Tgt Ion: 101 Resp: 825

Ion Ratio Lower Upper

101 100

85 5.2 35.4 53.2#

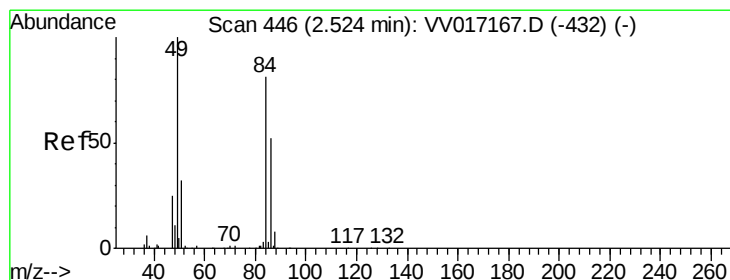
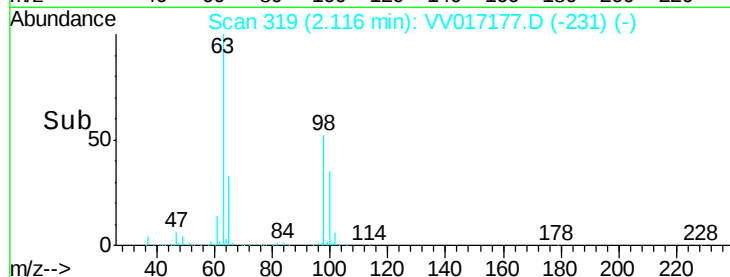
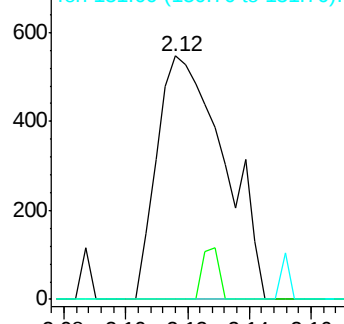
151 0.0 63.9 95.9#



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



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017177.D

Acq: 26 Jun 2020 12:46

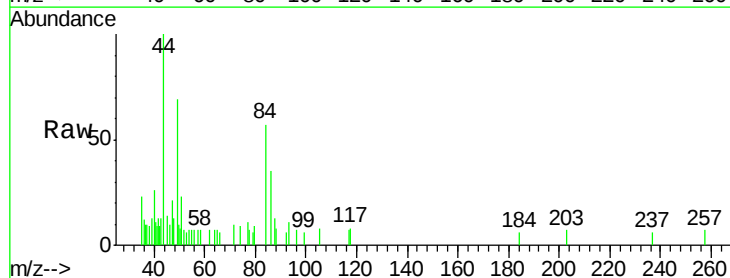
Tgt Ion: 84 Resp: 1721

Ion Ratio Lower Upper

84 100

86 61.3 45.8 85.0

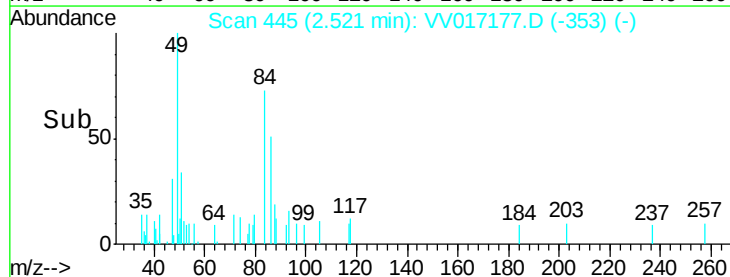
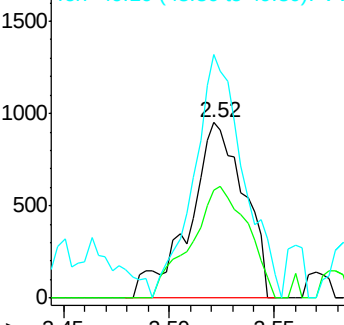
49 138.8 89.6 166.4

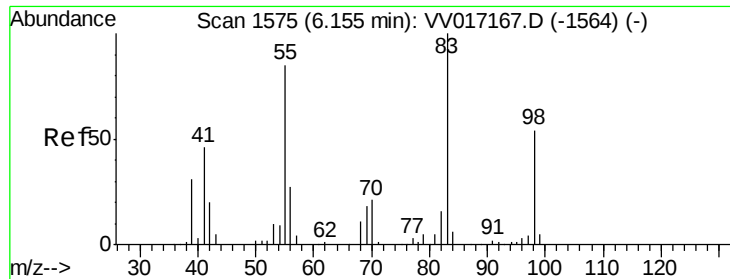


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

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MSVOA_V

ClientSampleId :

VHBLK01

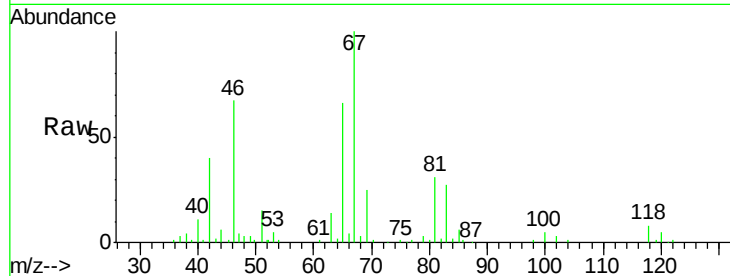
Tgt Ion: 83 Resp: 15561

Ion Ratio Lower Upper

83 100

55 1.4 63.6 95.4#

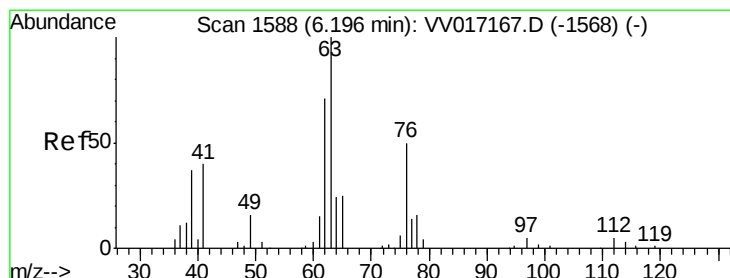
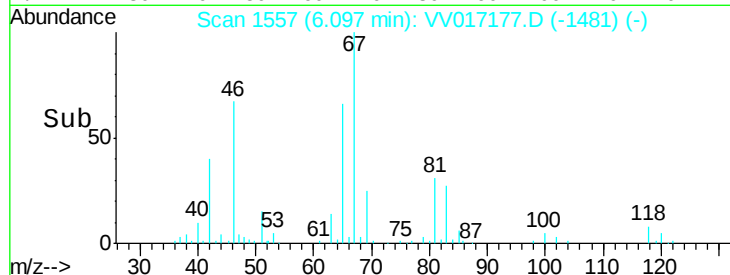
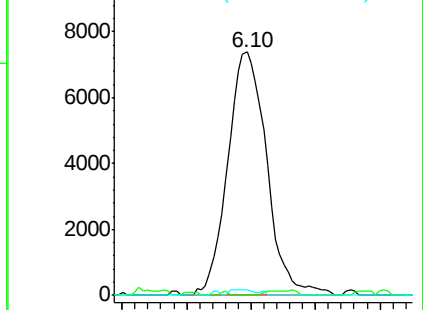
98 1.6 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.769 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV017177.D

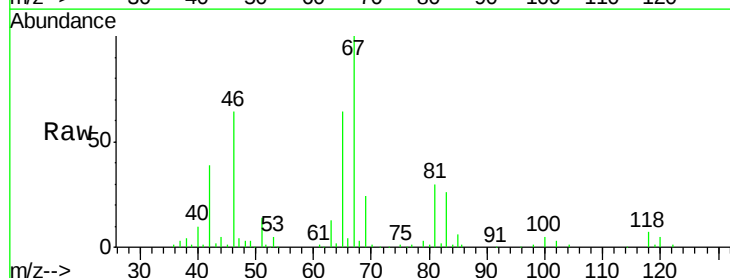
Acq: 26 Jun 2020 12:46

Tgt Ion: 63 Resp: 7942

Ion Ratio Lower Upper

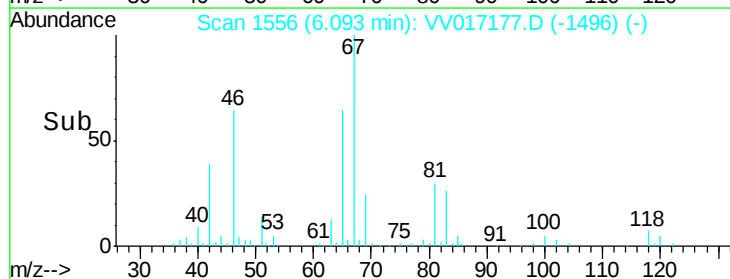
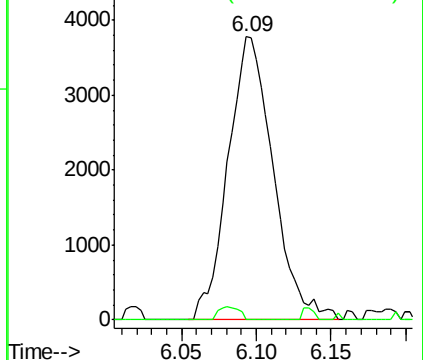
63 100

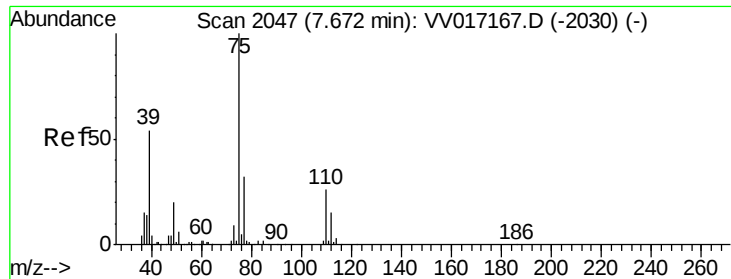
112 2.1 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#46

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017177.D

Acq: 26 Jun 2020 12:46

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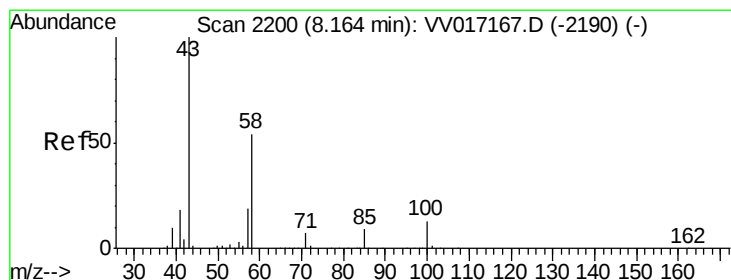
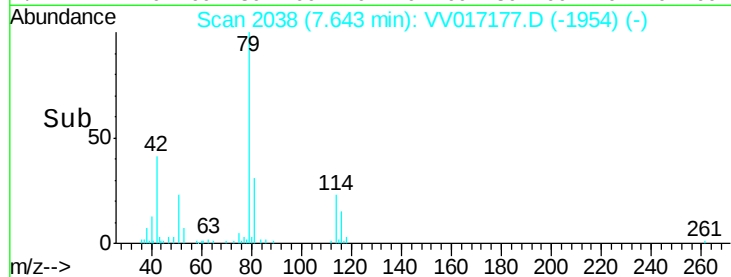
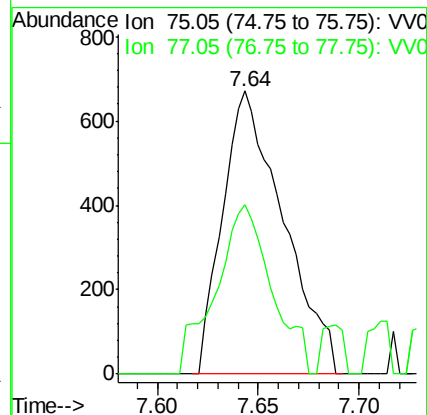
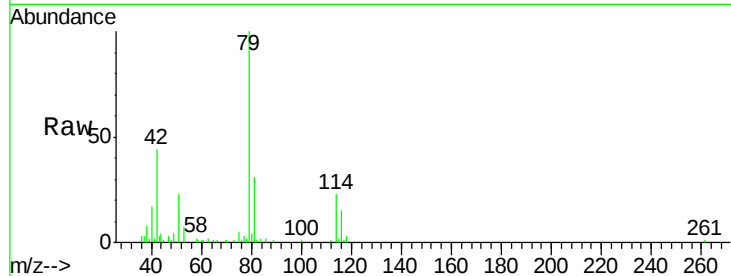
VHBLK01

Tgt Ion: 75 Resp: 1401

Ion Ratio Lower Upper

75 100

77 59.9 22.3 41.3#



#50

2-Hexanone

Concen: 0.530 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017177.D

Acq: 26 Jun 2020 12:46

Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 10.4 15.4 23.0#

100 4.3 10.1 15.1#

