

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017686.D
 Acq On : 27 Jul 2020 18:42
 Operator : SY/MD
 Sample : L3459-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152433	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151031	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28592	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	24897	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	48341	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.95	46	77497	44.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.37	84	79244	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	43970	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	138135	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.09	67	38496	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	126898	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	7.65	79	17599	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.11	63	47741	36.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26617	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53800	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

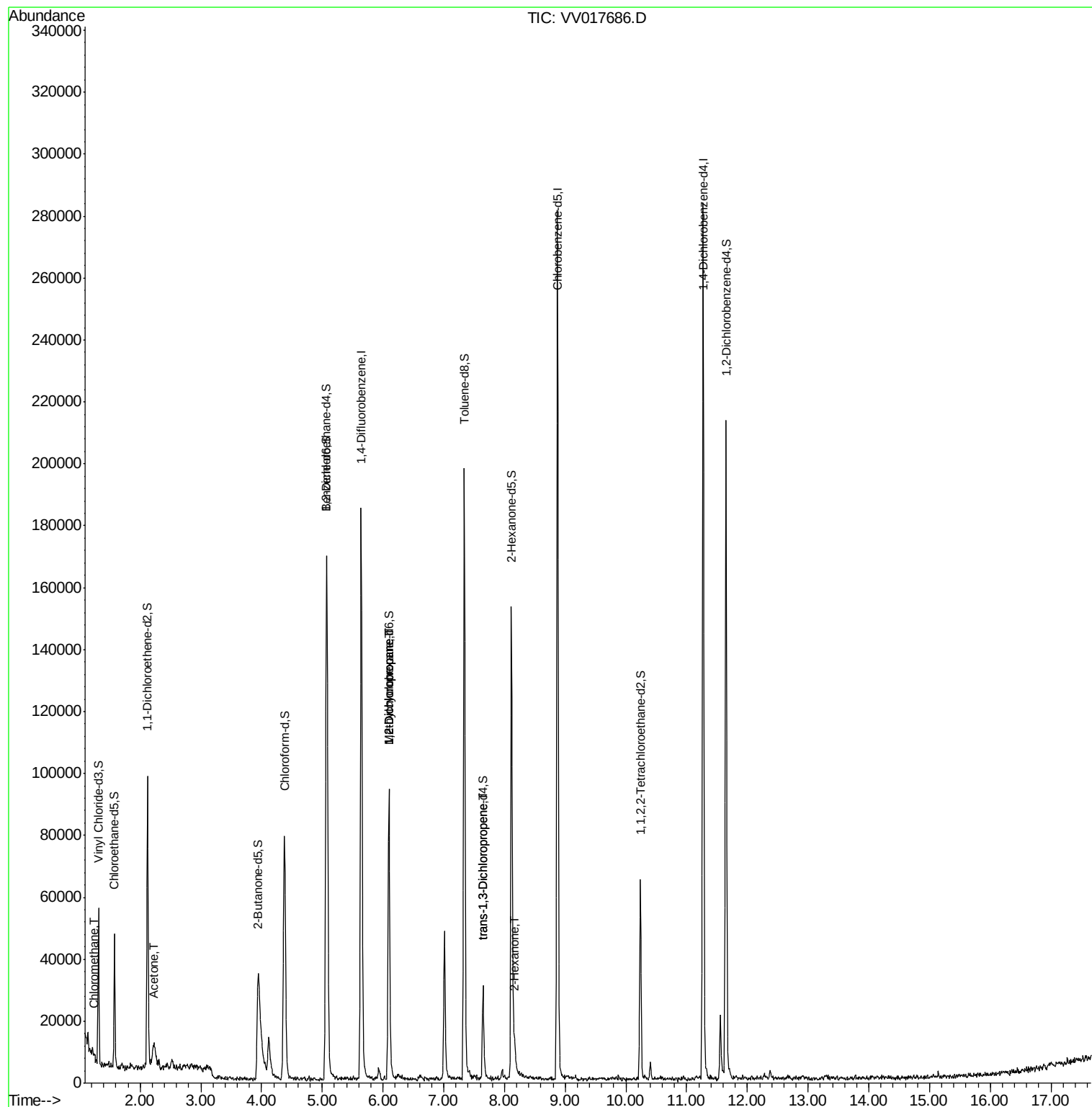
					Ovalue
3) Chloromethane	1.25	50	1127	0.104	ug/L 100
13) Acetone	2.23	43	8986	6.592	ug/L # 6
35) Methylcyclohexane	6.09	83	11454	0.634	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	5290	0.527	ug/L # 86
46) trans-1,3-Dichloropropene	7.65	75	935	0.069	ug/L 98
50) 2-Hexanone	8.17	43	4003	1.027	ug/L # 52

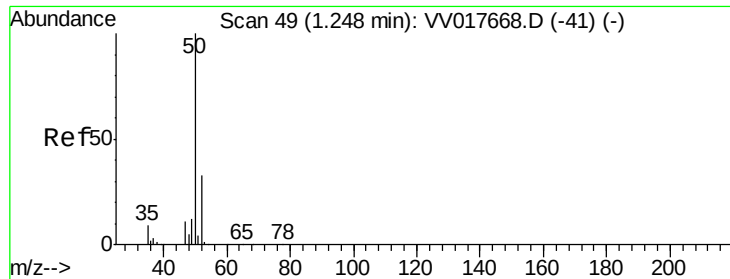
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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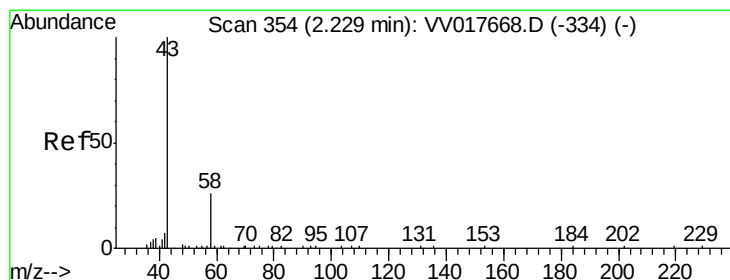
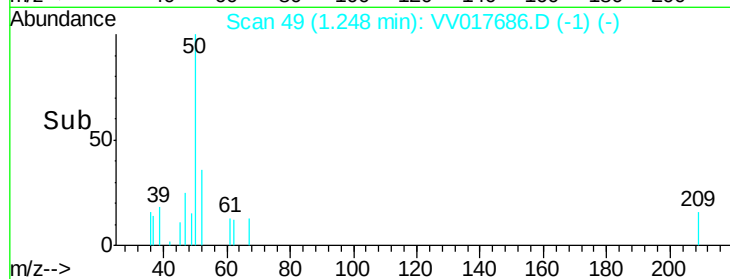
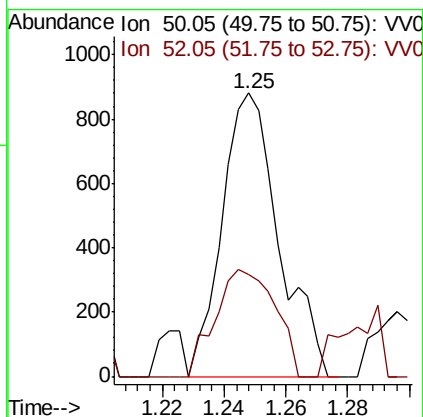
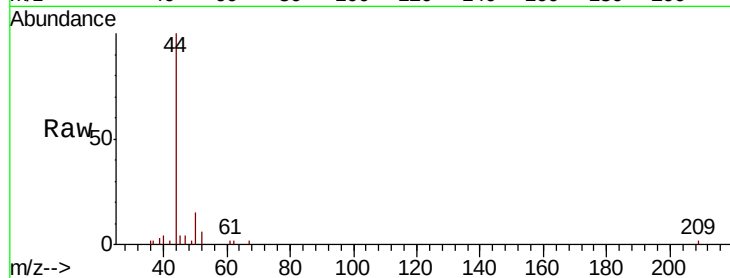




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV017686.D
Acq: 27 Jul 2020 18:42

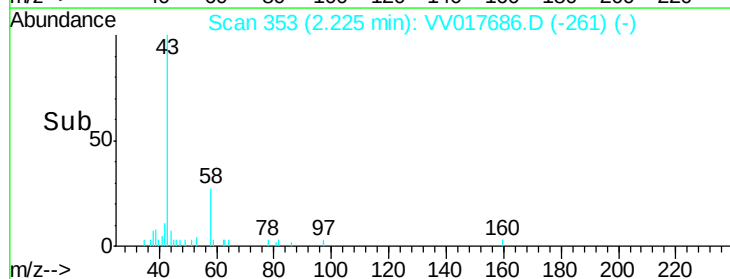
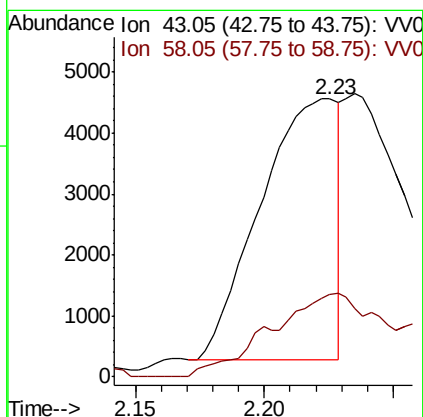
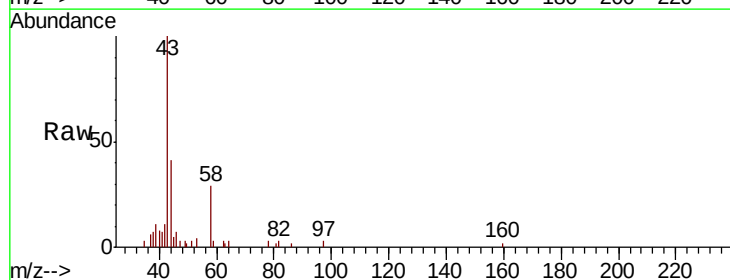
Instrument :
MSVOA_V
ClientSampleId :

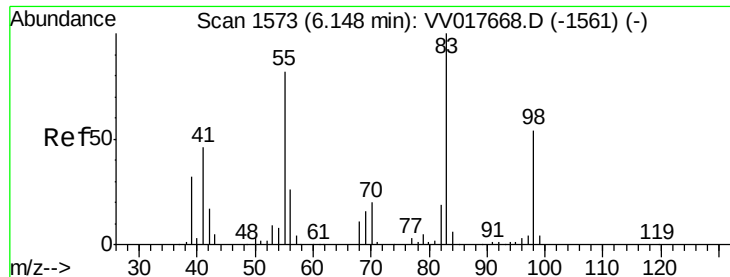
Tot Ion: 50 Resp: 1127
Ion Ratio Lower Upper
50 100
52 35.9 25.1 46.5



#13
Acetone
Concen: 6.592 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.00 min
Lab File: VV017686.D
Acq: 27 Jul 2020 18:42

Tgt Ion: 43 Resp: 8986
Ion Ratio Lower Upper
43 100
58 43.7 0.0 18.6#

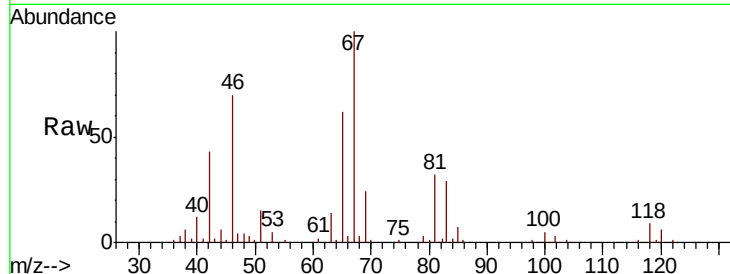




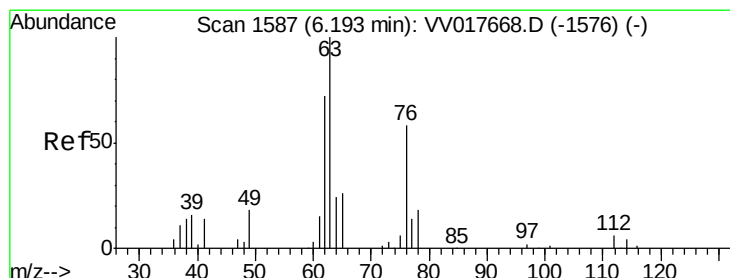
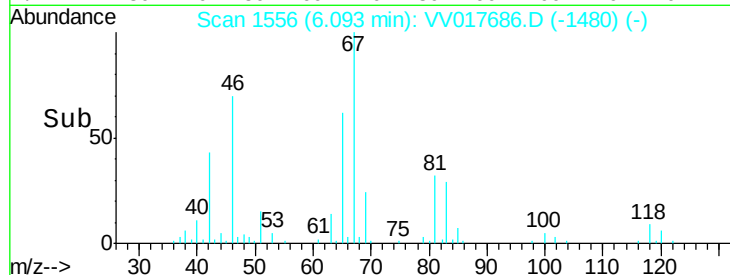
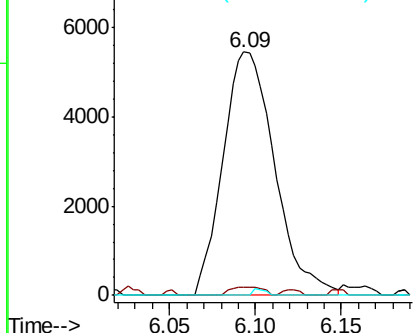
#35
Methylvlcyclohexane
Concen: 0.634 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017686.D
Acq: 27 Jul 2020 18:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11454
Ion Ratio Lower Upper
83 100
55 2.2 61.8 92.8#
98 0.6 39.0 58.6#

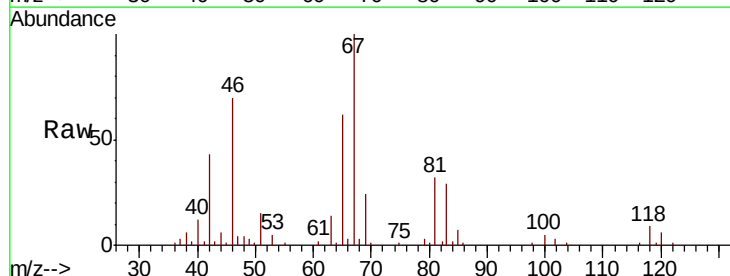


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

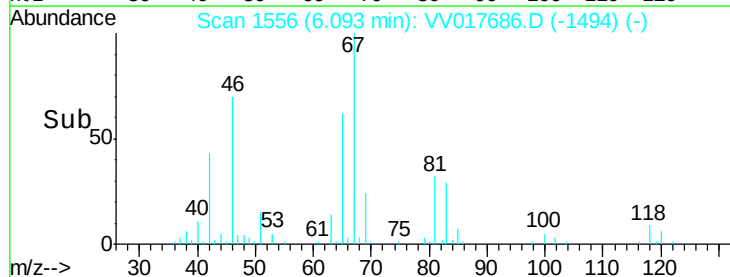
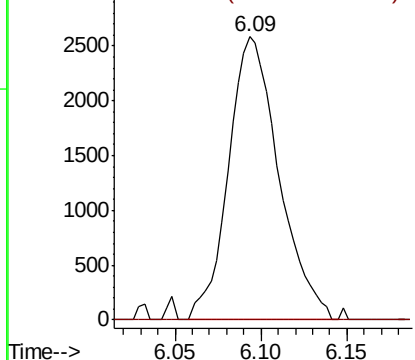


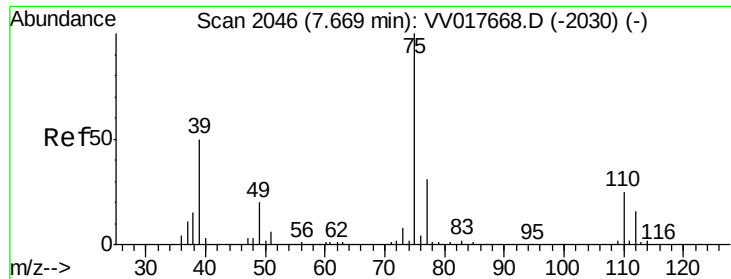
#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017686.D
Acq: 27 Jul 2020 18:42

Tgt Ion: 63 Resp: 5290
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



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: 0.069 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV017686.D

Acq: 27 Jul 2020 18:42

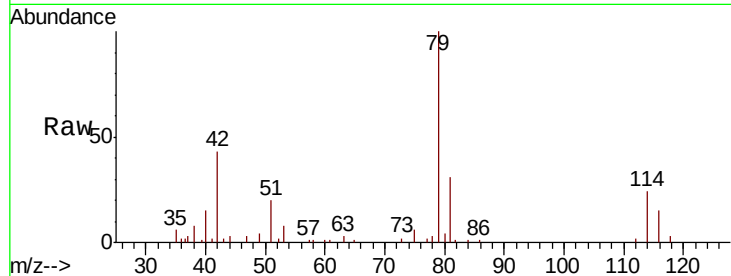
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 935

Ion Ratio Lower Upper

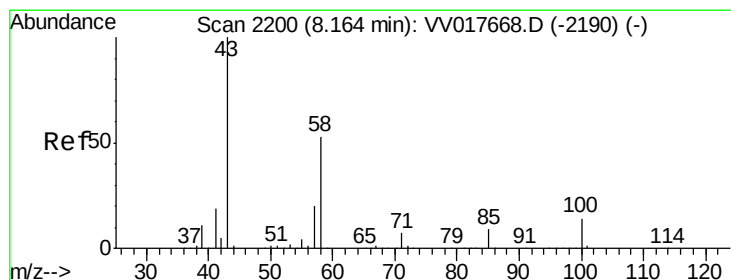
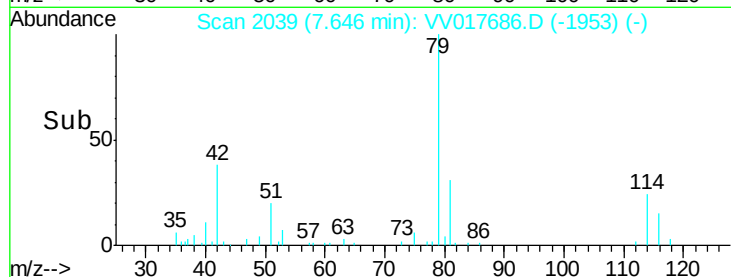
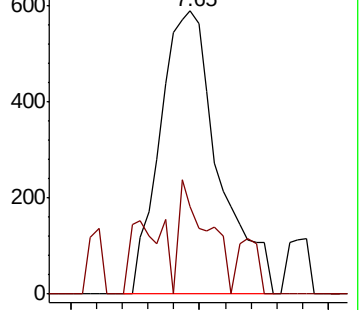
75 100

77 30.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.027 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017686.D

Acq: 27 Jul 2020 18:42

Tgt Ion: 43 Resp: 4003

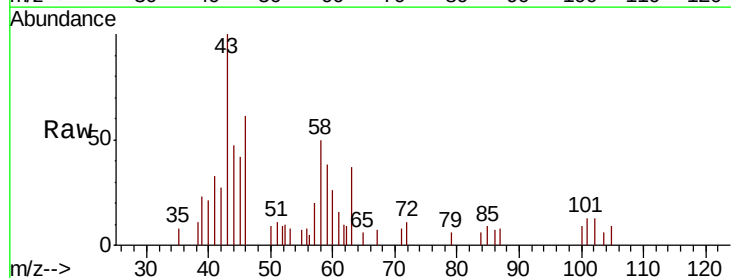
Ion Ratio Lower Upper

43 100

58 9.2 41.6 62.4#

57 0.0 15.4 23.0#

100 10.6 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

