

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015442.D
 Acq On : 10 Apr 2020 01:10
 Operator : SY/MD
 Sample : L2194-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117354	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54112	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28093	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.57	69	27159	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	41837	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.97	46	80773	47.24	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.48%
24) Chloroform-d	4.38	84	62130	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	37056	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	123233	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	39160	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	113573	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.65	79	15061	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.12	63	81360	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29493	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	42714	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

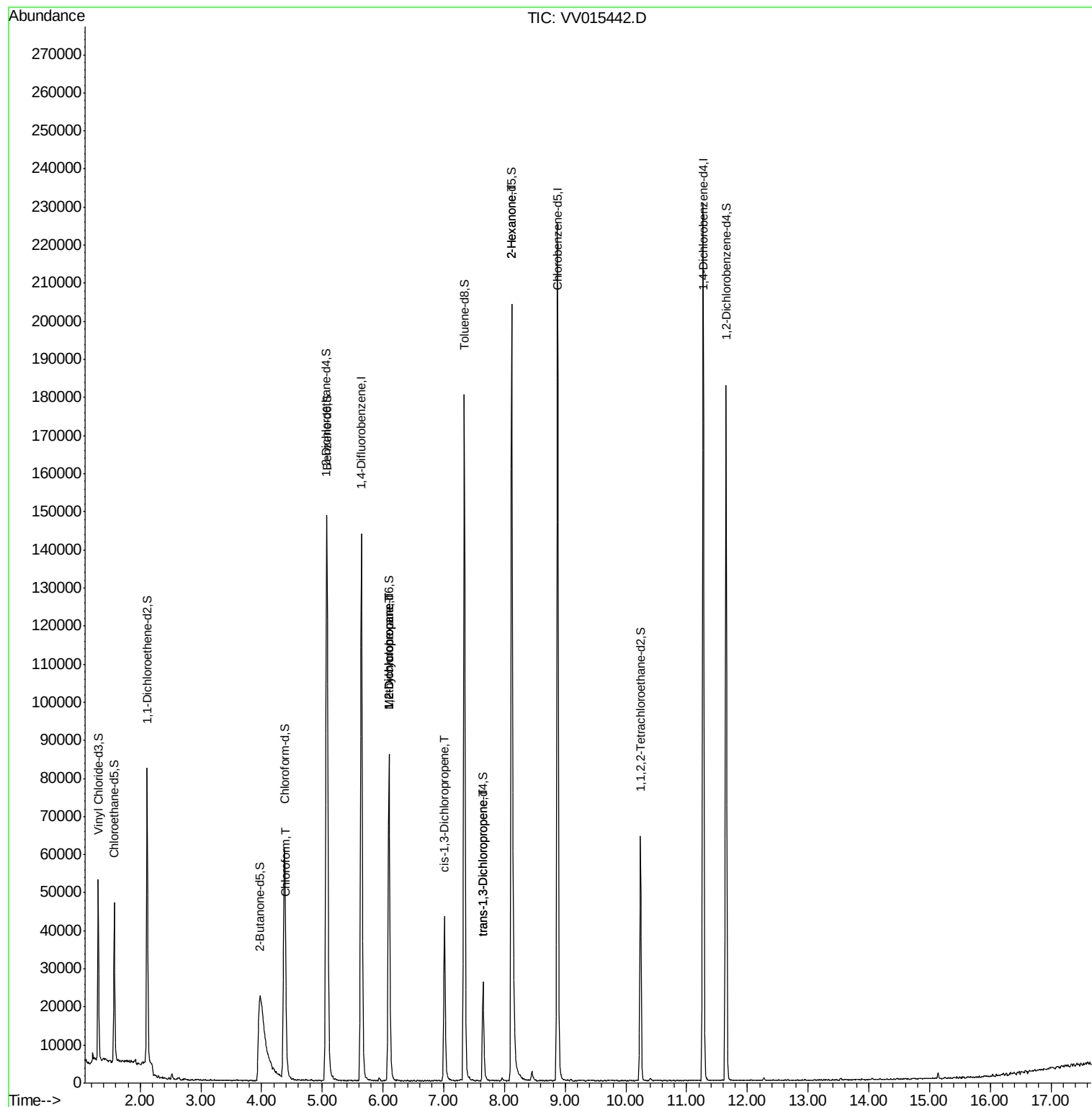
					Ovalue
25) Chloroform	4.41	83	2966	0.185 ug/L	97
35) Methylcyclohexane	6.10	83	9994	0.652 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4867	0.581 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1262	0.098 ug/L #	78
44) trans-1,3-Dichloropropene	7.65	75	749	0.069 ug/L #	81
48) 2-Hexanone	8.12	43	11463	2.980 ug/L #	72

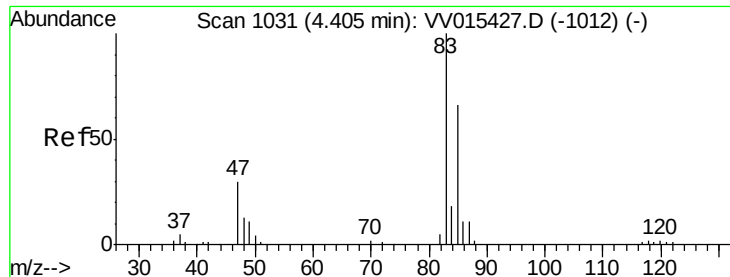
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

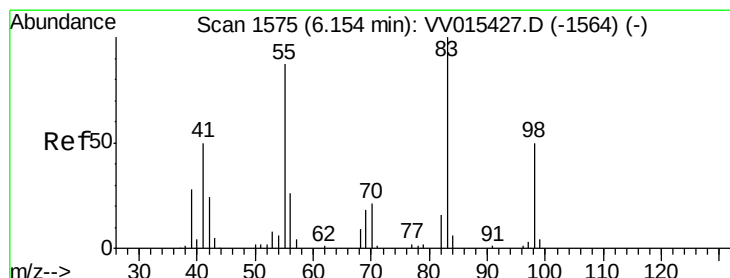
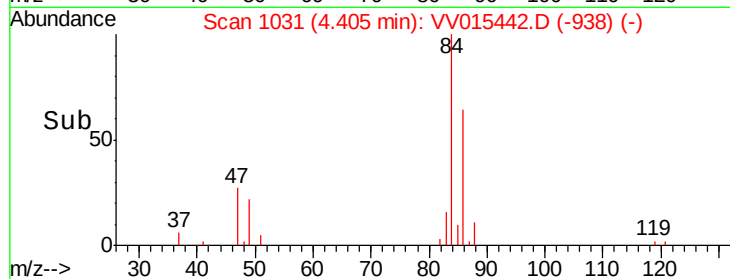
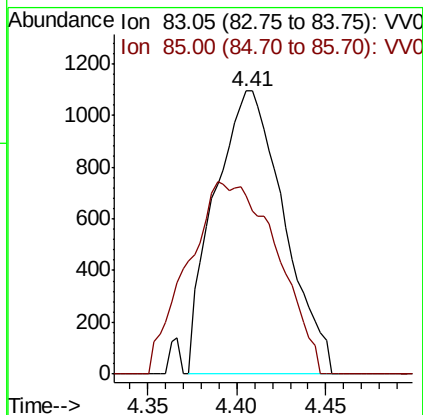
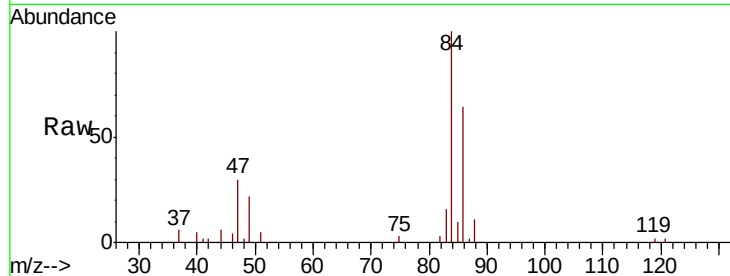




#25
Chloroform
Concen: 0.185 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015442.D
Acq: 10 Apr 2020 01:10

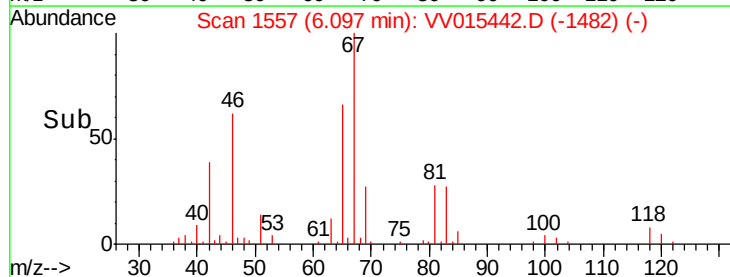
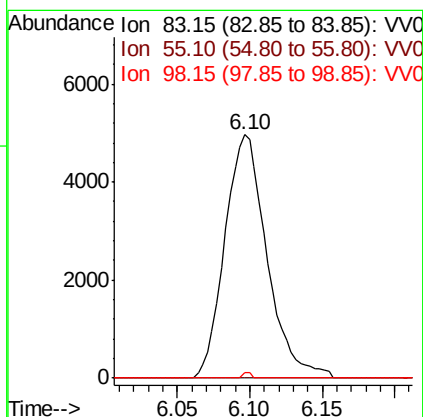
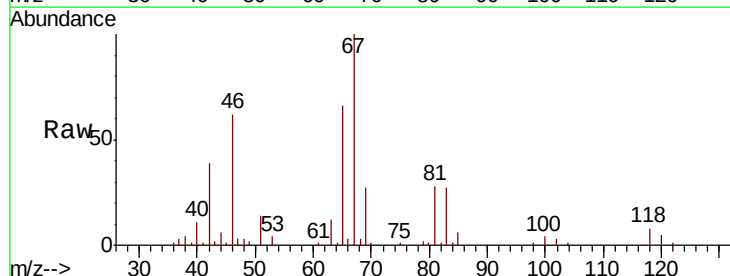
Instrument :
MSVOA_V
ClientSampled :

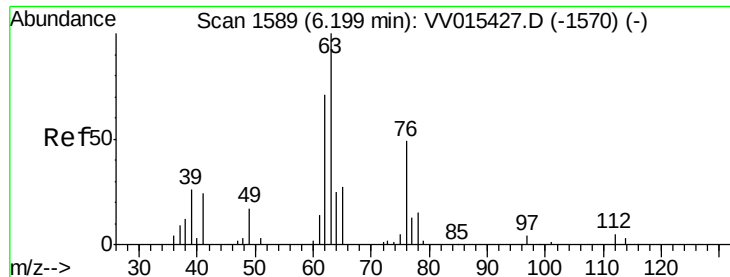
Tot Ion: 83 Resp: 2966
Ion Ratio Lower Upper
83 100
85 62.9 45.9 85.3



#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015442.D
Acq: 10 Apr 2020 01:10

Tgt Ion: 83 Resp: 9994
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.4 38.7 58.1#

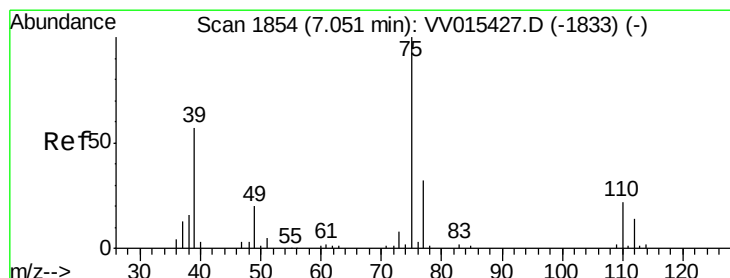
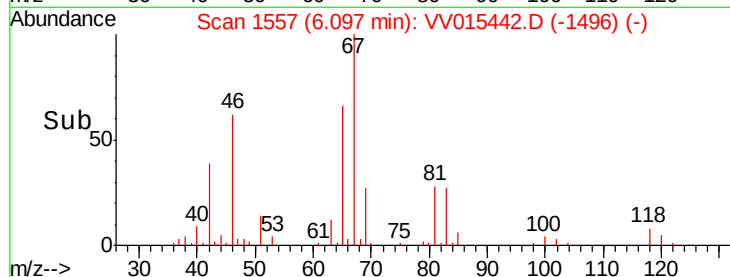
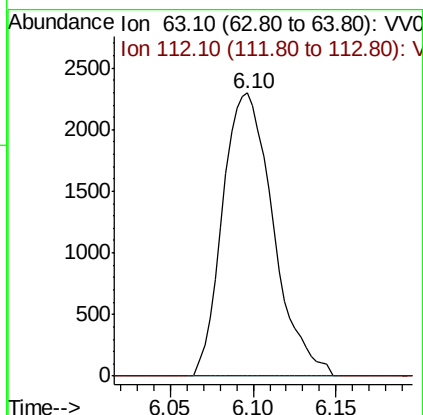
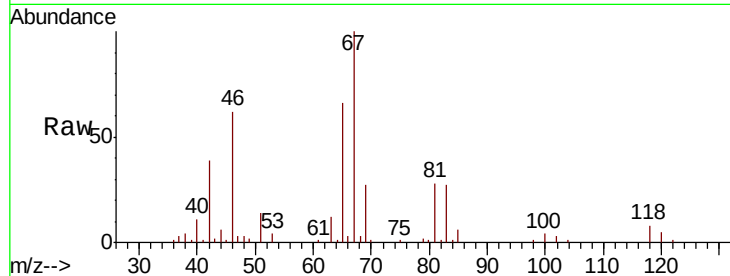




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015442.D
 Acq: 10 Apr 2020 01:10

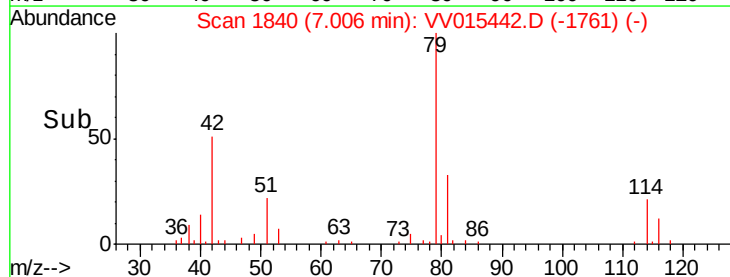
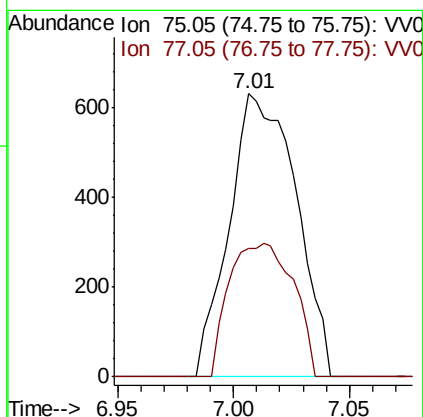
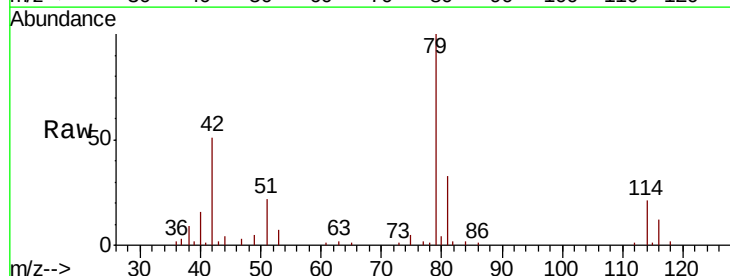
Instrument :
 MSVOA_V
 ClientSampled :

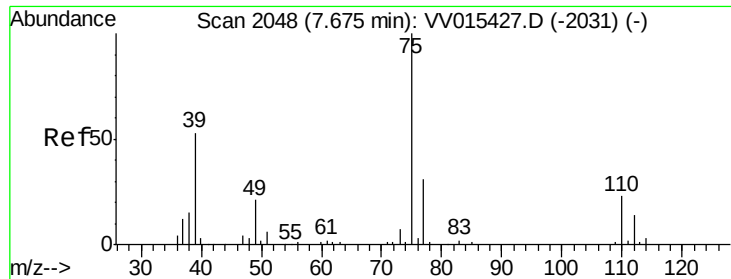
Tot Ion: 63 Resp: 4867
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015442.D
 Acq: 10 Apr 2020 01:10

Tgt Ion: 75 Resp: 1262
 Ion Ratio Lower Upper
 75 100
 77 45.3 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV015442.D

Acq: 10 Apr 2020 01:10

Instrument :

MSVOA_V

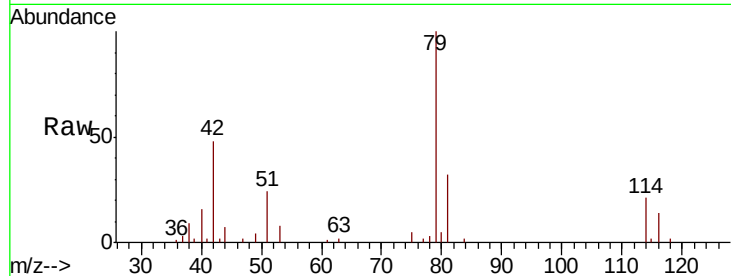
ClientSampleId :

Tot Ion: 75 Resp: 749

Ion Ratio Lower Upper

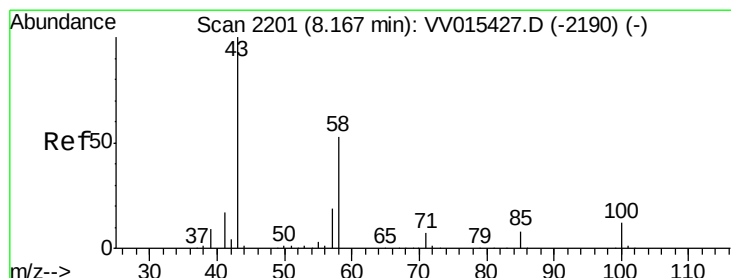
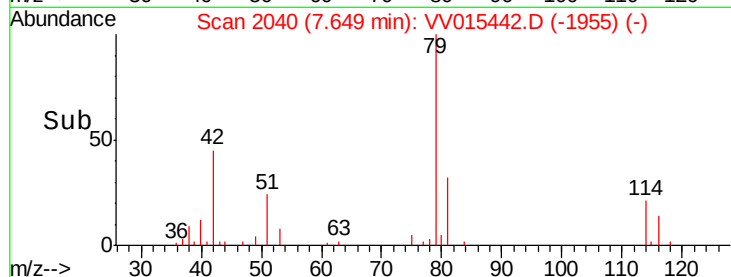
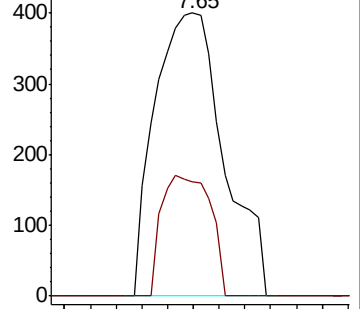
75 100

77 40.3 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.980 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015442.D

Acq: 10 Apr 2020 01:10

Tgt Ion: 43 Resp: 11463

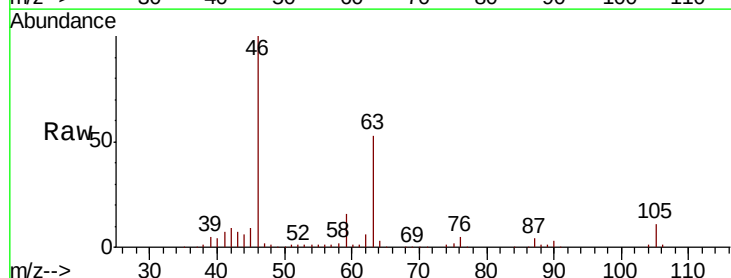
Ion Ratio Lower Upper

43 100

58 26.5 41.4 62.0#

57 20.0 15.0 22.4

100 0.0 9.4 14.2#



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

