

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013372.D
 Acq On : 26 Oct 2019 13:51
 Operator : SY/MD
 Sample : K5457-21
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	531826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	576875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	300995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166192	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	142074	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	203380	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.97	46	362238	48.11	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	4.40	84	355032	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.08	65	173620	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.10	84	762201	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.11	67	224930	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.36	98	655221	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.66	79	74375	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.13	63	232081	30.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142467	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	260240	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

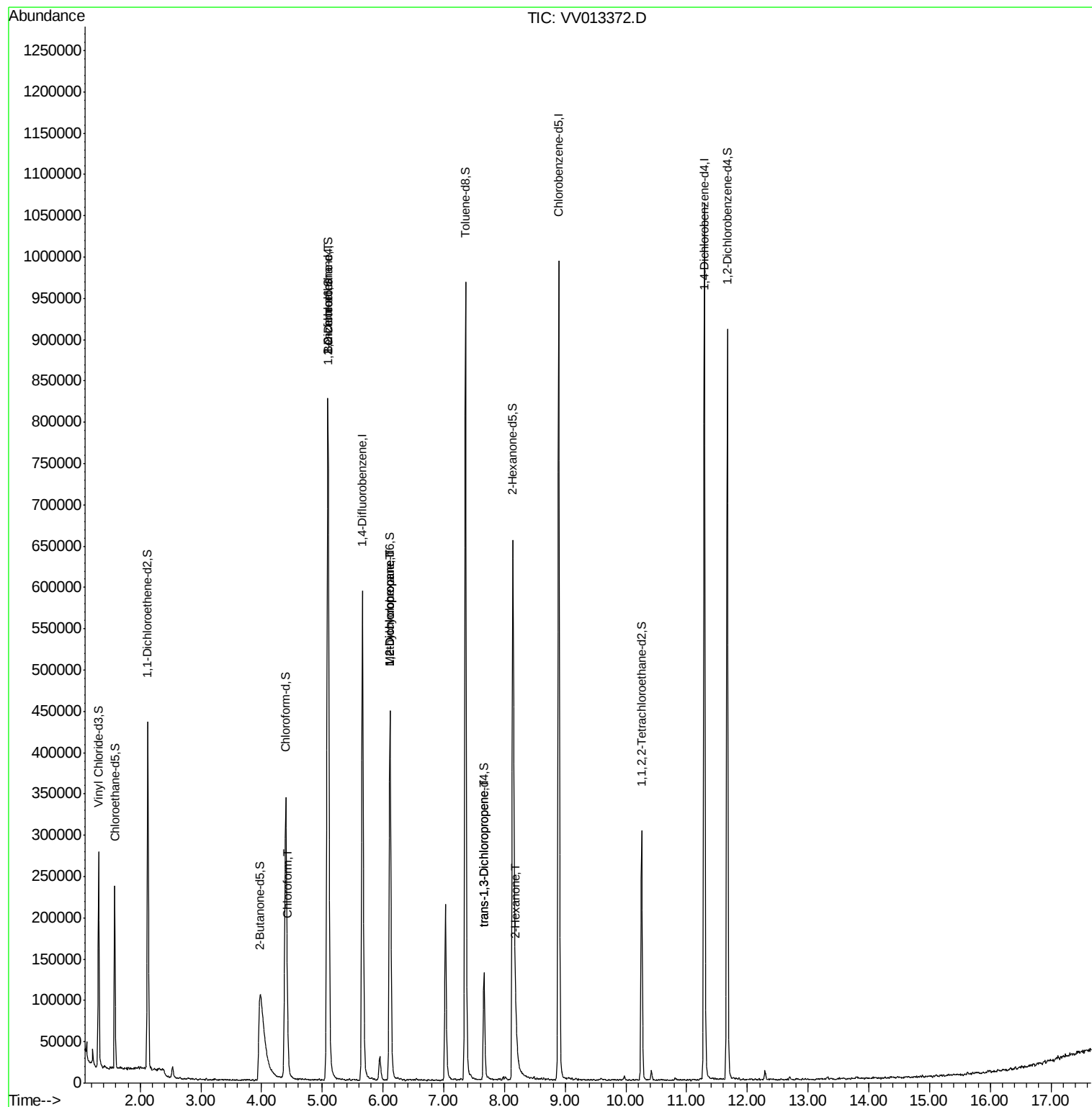
					Ovalue
25) Chloroform	4.43	83	24265	0.232 ug/L	99
27) 1,2-Dichloroethane	5.09	62	4239	0.076 ug/L	98
35) Methylcyclohexane	6.12	83	56424	0.620 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	23669	0.442 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3410	0.060 ug/L #	63
48) 2-Hexanone	8.19	43	35692	1.828 ug/L #	87

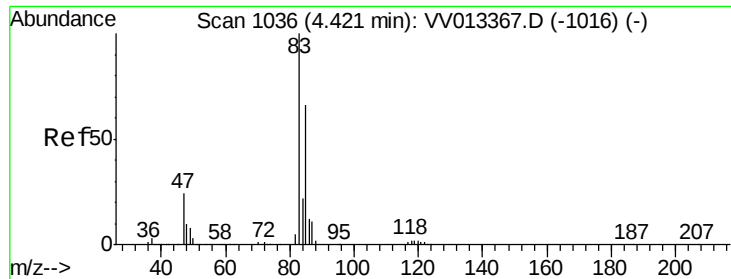
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 29 13:11:08 2019
Response via : Initial Calibration





#25

Chloroform

Concen: 0.232 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV013372.D

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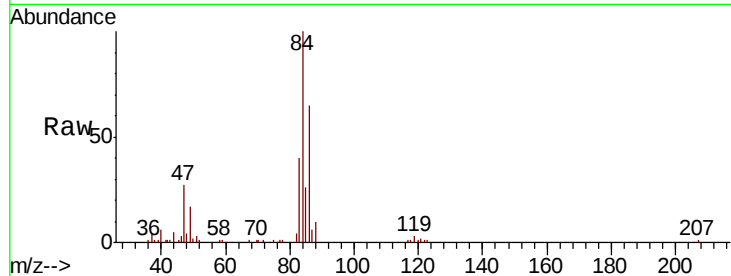
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 24265

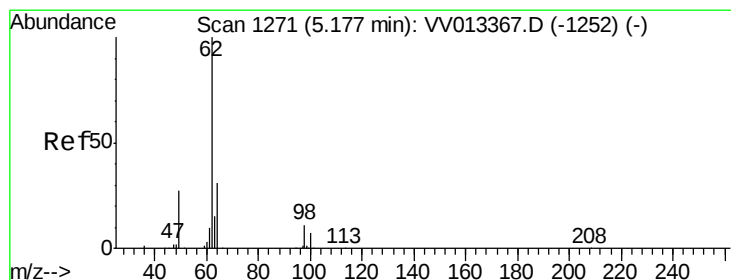
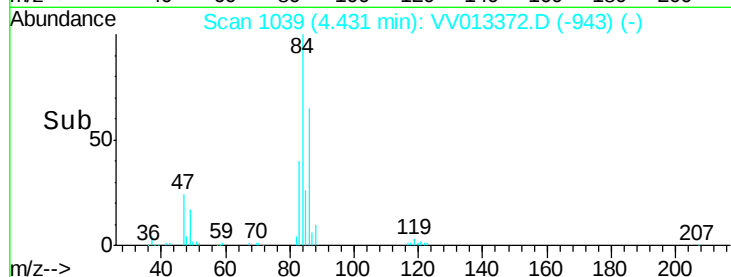
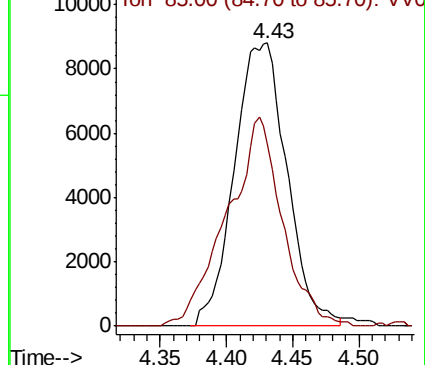
Ion Ratio Lower Upper

83 100

85 64.6 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV013367.D (-1016) (-)



#27

1,2-Dichloroethane

Concen: 0.076 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV013372.D

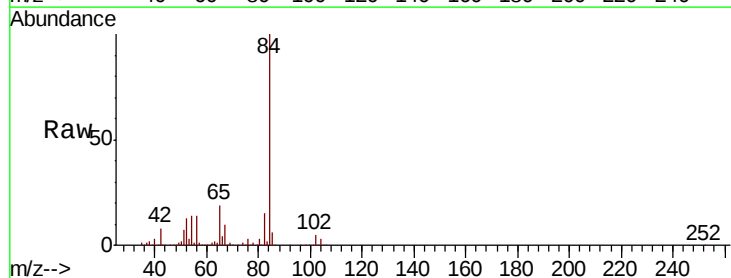
Acq: 26 Oct 2019 13:51

Tgt Ion: 62 Resp: 4239

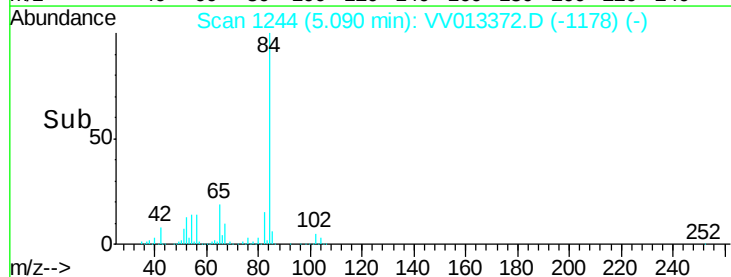
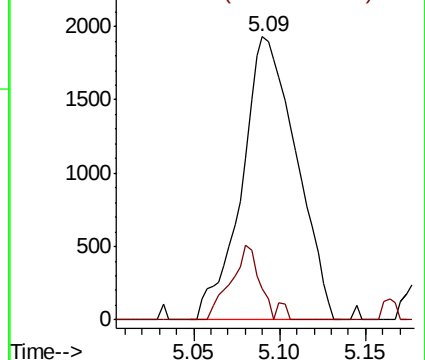
Ion Ratio Lower Upper

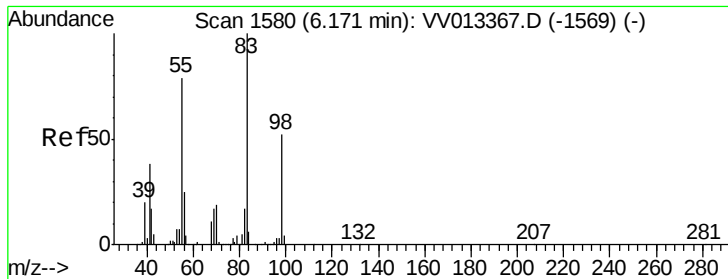
62 100

98 11.2 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV013367.D (-1252) (-)

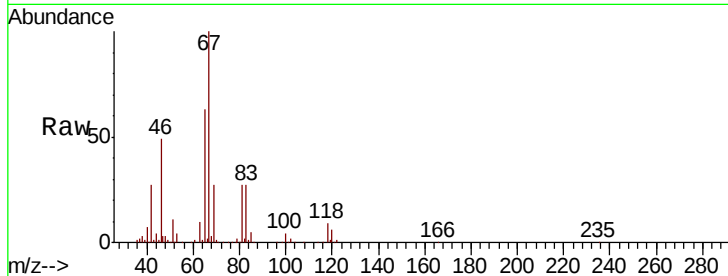




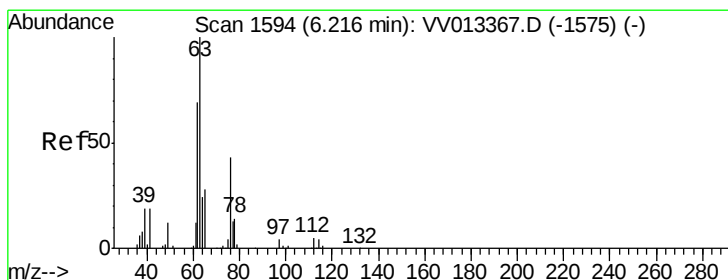
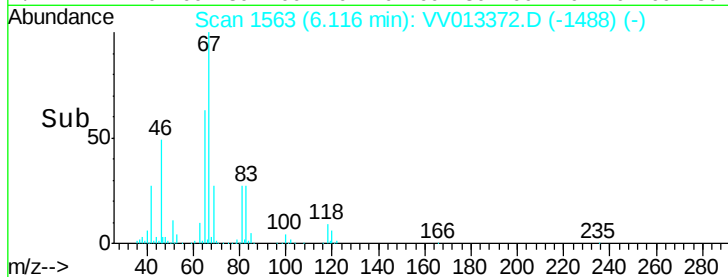
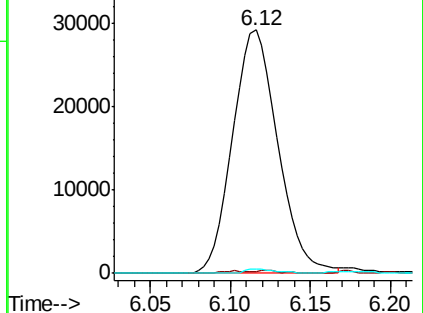
#35
Methvlcvclohexane
Concen: 0.620 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013372.D
Acq: 26 Oct 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 56424
Ion Ratio Lower Upper
83 100
55 0.7 62.4 93.6#
98 1.2 39.2 58.8#

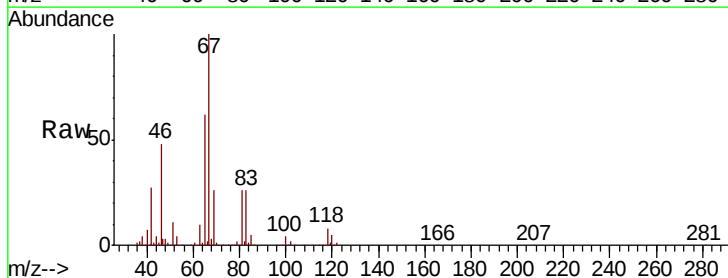


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

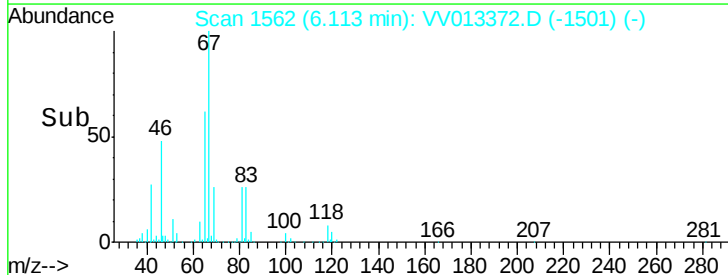
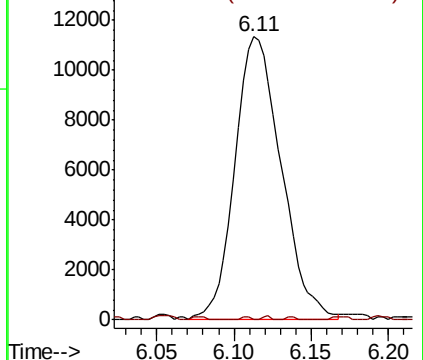


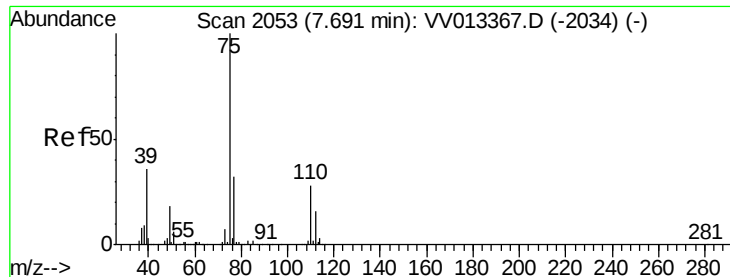
#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013372.D
Acq: 26 Oct 2019 13:51

Tgt Ion: 63 Resp: 23669
Ion Ratio Lower Upper
63 100
112 0.2 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013372.D

Acq: 26 Oct 2019 13:51

Instrument :

MSVOA_V

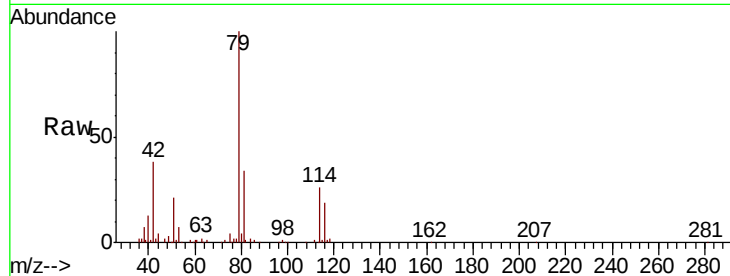
ClientSampleId :

Tot Ion: 75 Resp: 3410

Ion Ratio Lower Upper

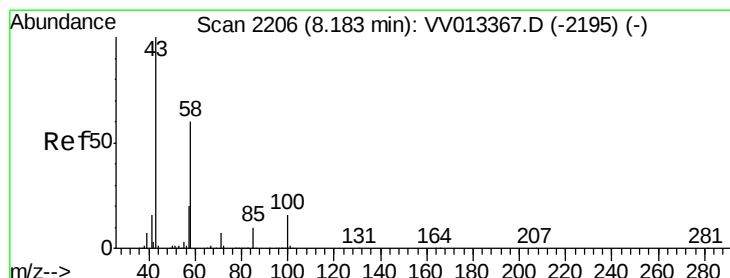
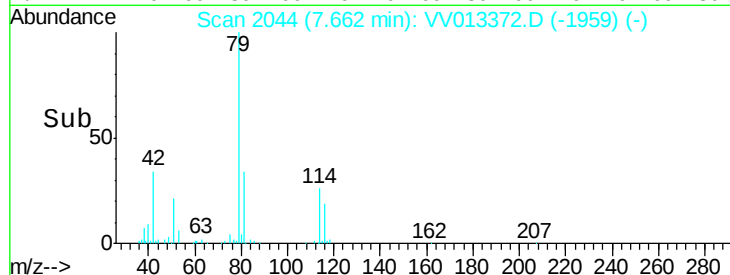
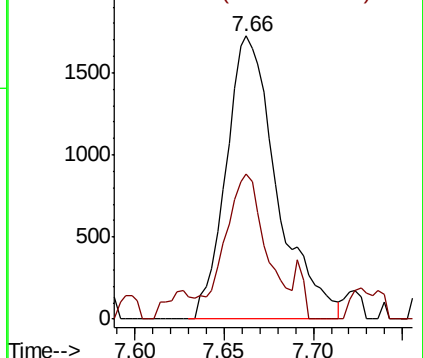
75 100

77 51.5 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.828 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013372.D

Acq: 26 Oct 2019 13:51

Tgt Ion: 43 Resp: 35692

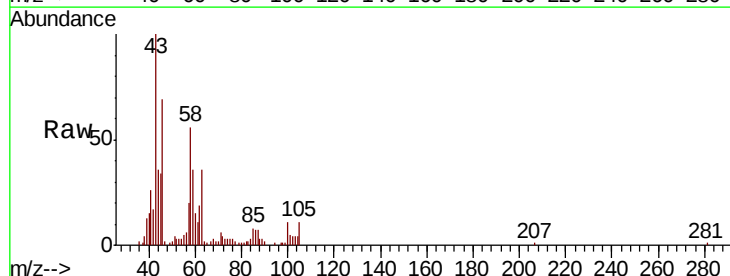
Ion Ratio Lower Upper

43 100

58 44.2 45.1 67.7#

57 16.7 15.5 23.3

100 9.5 10.2 15.2#



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

