

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013371.D
 Acq On : 26 Oct 2019 13:27
 Operator : SY/MD
 Sample : K5462-11
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:49:34 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	463284	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	508742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	264849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	183389	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	157843	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	234330	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	356878	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.40	84	389472	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	186612	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	833853	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	246120	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	714467	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	82974	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	252532	37.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155349	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	286047	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

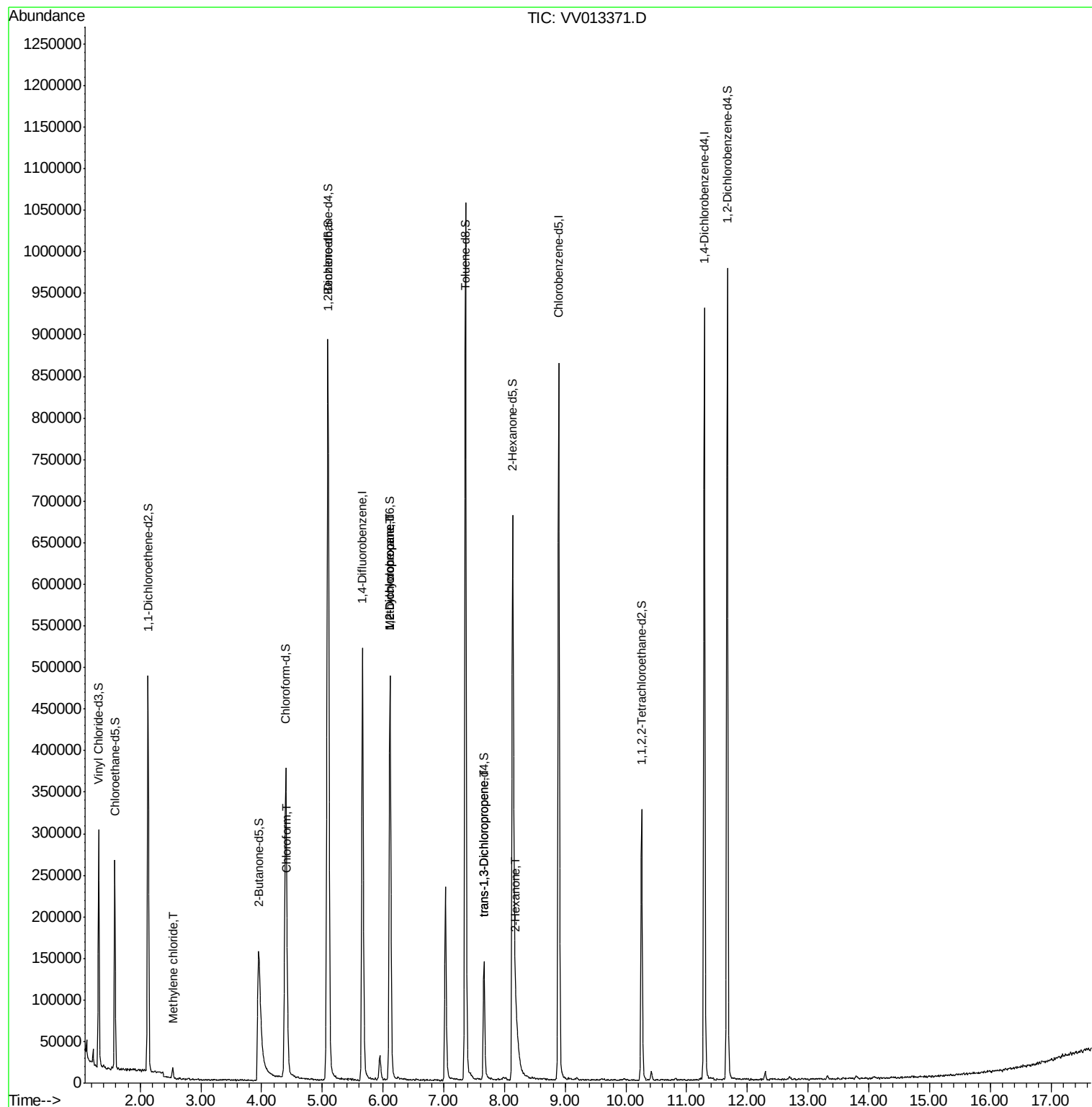
					Ovalue
16) Methylene chloride	2.54	84	5588	0.102 ug/L	92
25) Chloroform	4.43	83	23090	0.254 ug/L	98
35) Methylcyclohexane	6.12	83	61412	0.766 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	25493	0.540 ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	3530	0.070 ug/L	83
48) 2-Hexanone	8.19	43	32244	1.872 ug/L #	84

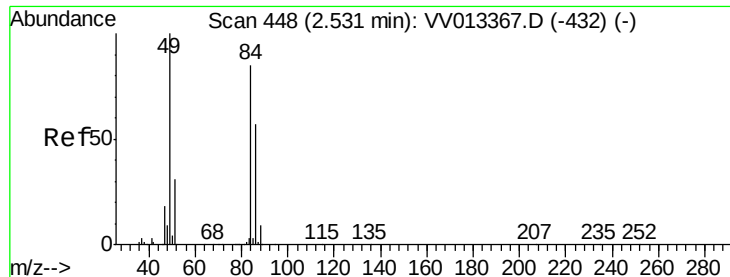
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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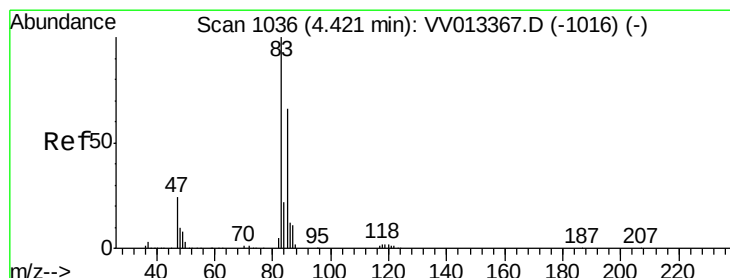
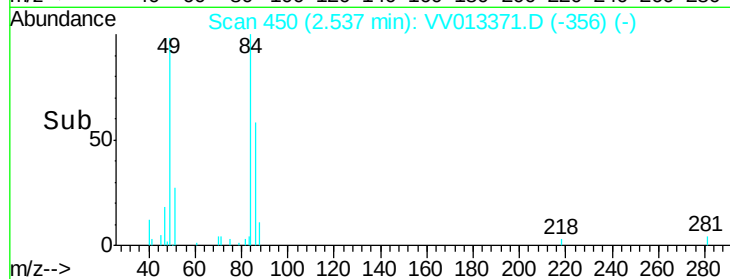
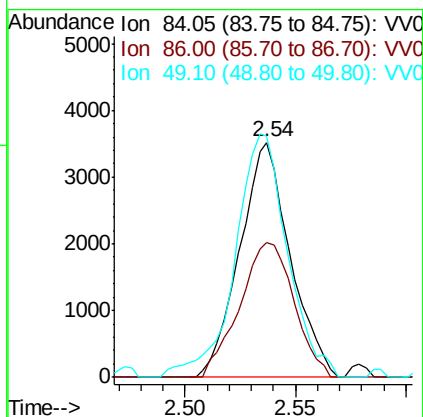
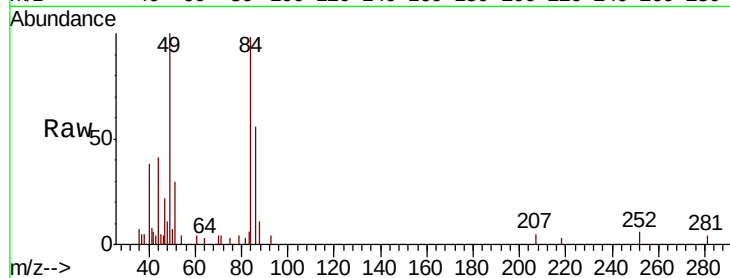




#16
Methylene chloride
Concen: 0.102 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013371.D
Acq: 26 Oct 2019 13:27

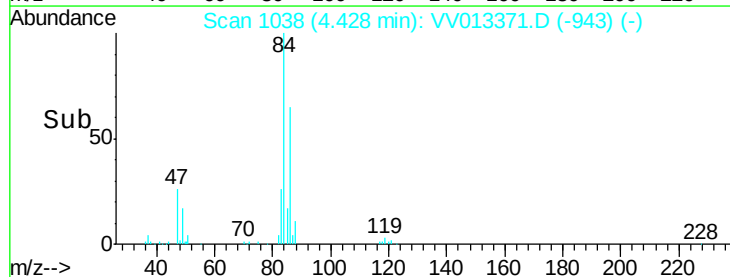
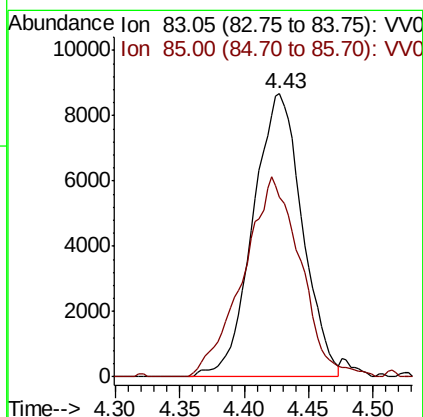
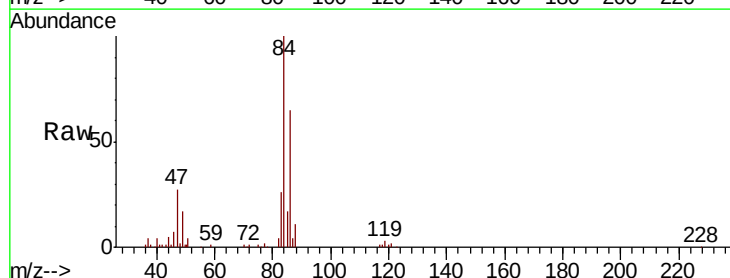
Instrument :
MSVOA_V
ClientSampleId :

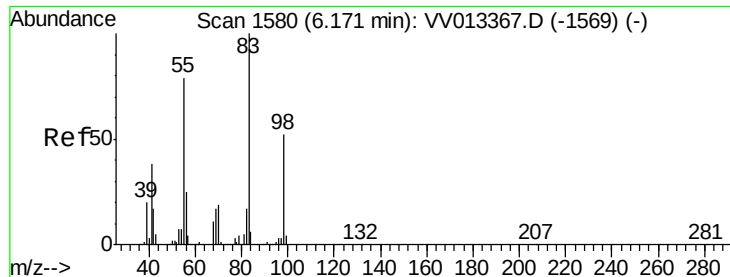
Tot Ion: 84 Resp: 5588
Ion Ratio Lower Upper
84 100
86 57.6 46.2 85.8
49 102.4 76.4 141.8



#25
Chloroform
Concen: 0.254 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013371.D
Acq: 26 Oct 2019 13:27

Tgt Ion: 83 Resp: 23090
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9

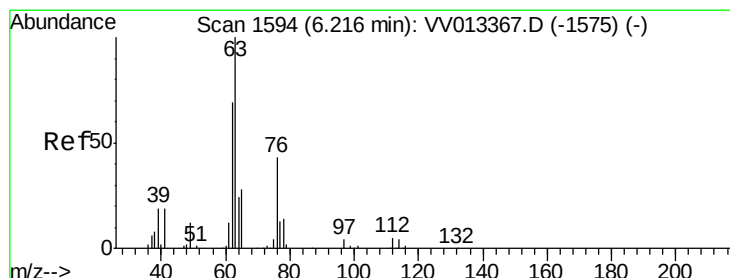
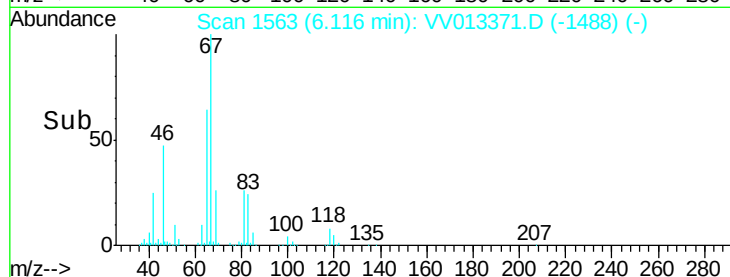
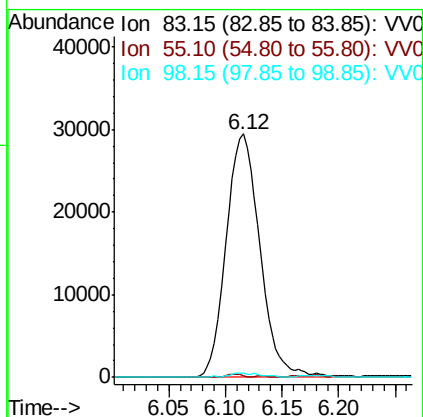
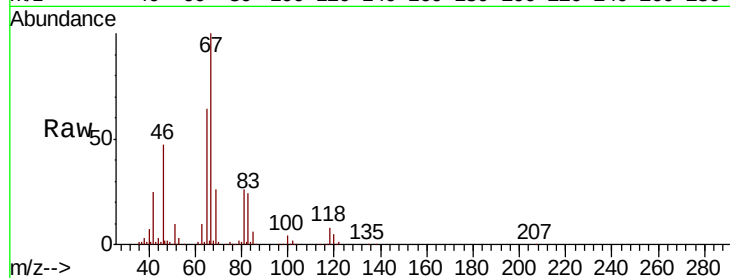




#35
Methvlcvclohexane
Concen: 0.766 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013371.D
Acq: 26 Oct 2019 13:27

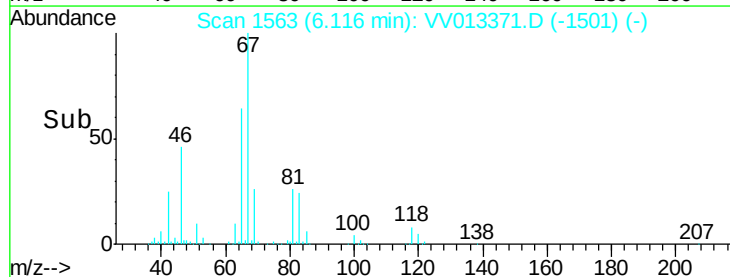
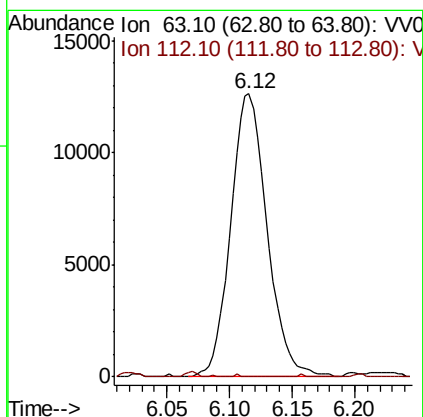
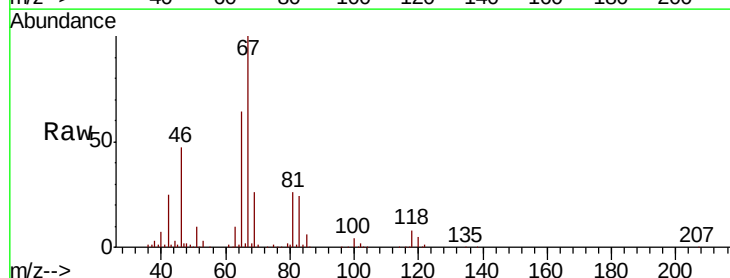
Instrument :
MSVOA_V
ClientSampleId :

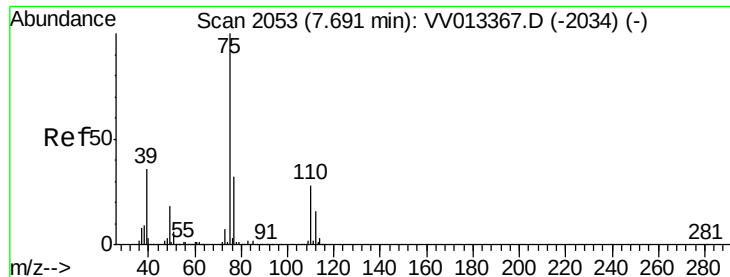
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.4	93.6#
98	1.6	39.2	58.8#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013371.D
Acq: 26 Oct 2019 13:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.1	4.1	6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013371.D

Acq: 26 Oct 2019 13:27

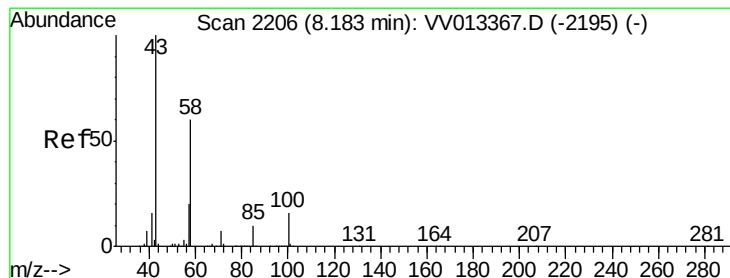
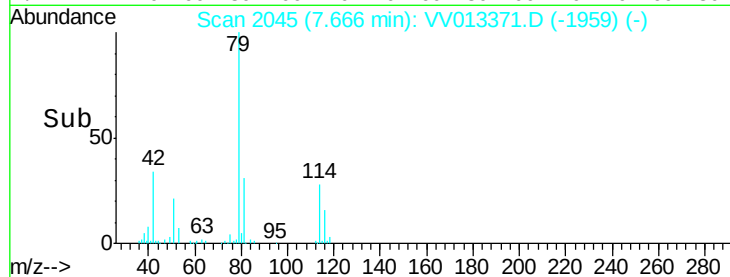
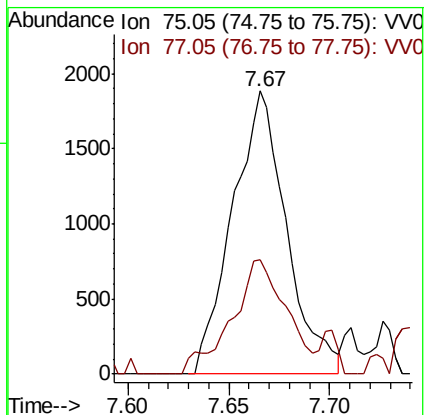
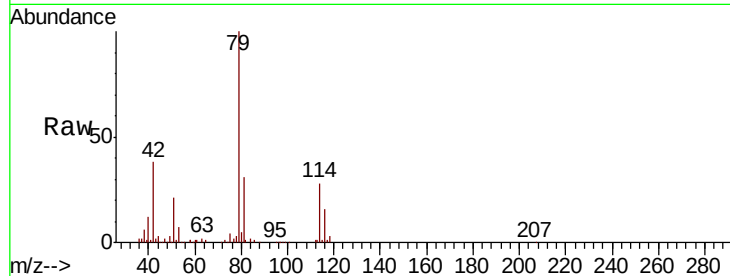
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3530

Ion Ratio Lower Upper

75 100

77 40.4 21.8 40.6



#48

2-Hexanone

Concen: 1.872 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013371.D

Acq: 26 Oct 2019 13:27

Tgt Ion: 43 Resp: 32244

Ion Ratio Lower Upper

43 100

58 41.8 45.1 67.7#

57 20.9 15.5 23.3

100 6.2 10.2 15.2#

