

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025914.D
 Acq On : 1 Oct 2018 16:15
 Operator : SY/MD
 Sample : J5073-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 02 01:47:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	482614	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	396009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	135515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	191833	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	2.63	69	162448	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	3.63	63	316340	3.54	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	6.59	46	254423	59.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.94%
24) Chloroform-d	7.20	84	323318	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.90	65	146728	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	638052	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	8.90	67	181838	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	9.97	98	566394	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	39259	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	10.59	63	185801	60.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74499	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	114994	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

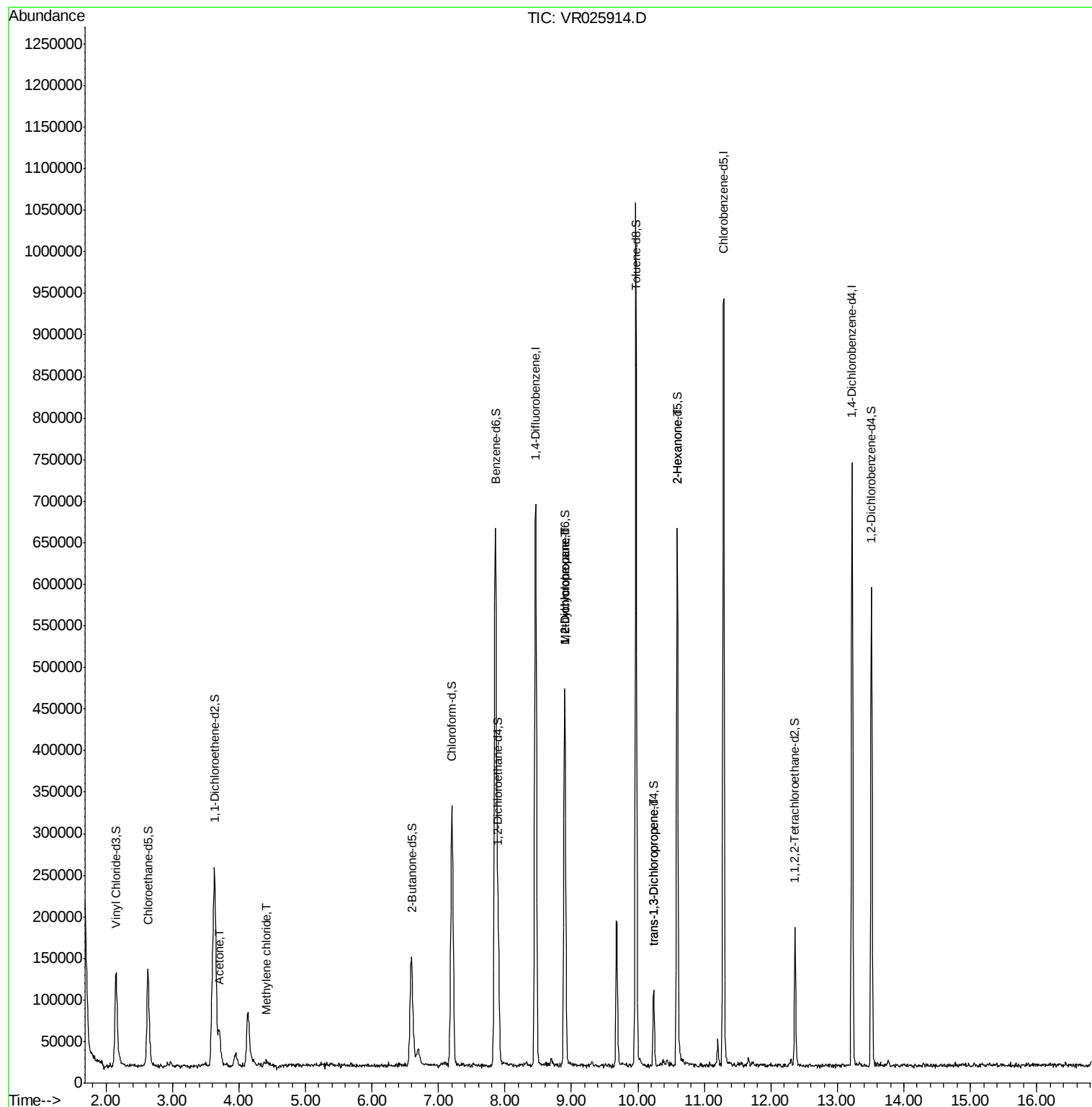
					Ovalue
13) Acetone	3.70	43	72338	23.523 ug/L	93
16) Methylene chloride	4.40	84	3605	0.108 ug/L	88
35) Methylcyclohexane	8.90	83	44042	0.837 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	23093	0.810 ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	2556	0.123 ug/L	97
48) 2-Hexanone	10.59	43	28950	4.413 ug/L #	70

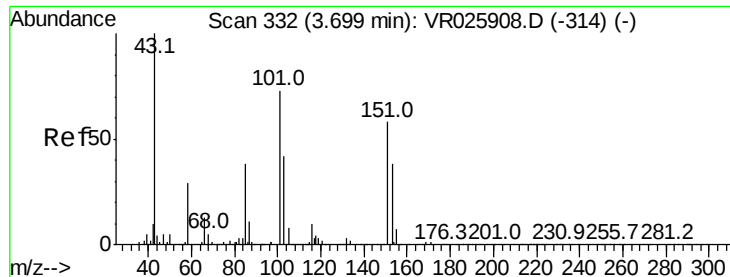
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.523 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

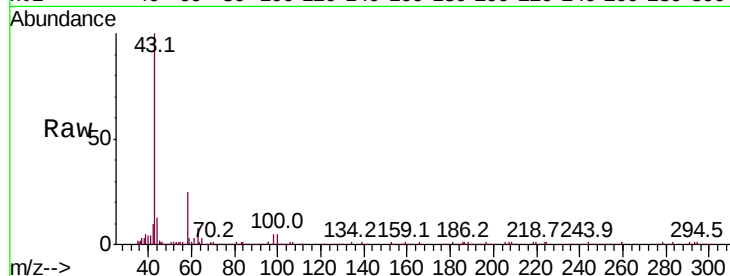
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 72338

Ion Ratio Lower Upper

43 100

58 29.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

25000

20000

15000

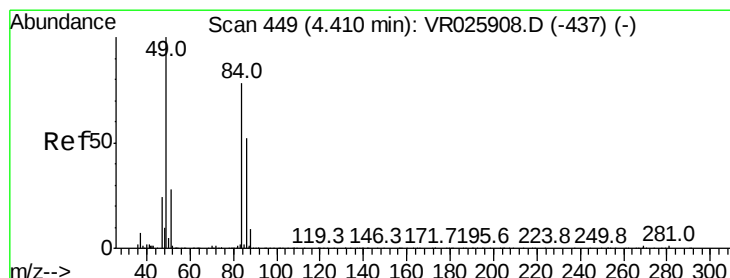
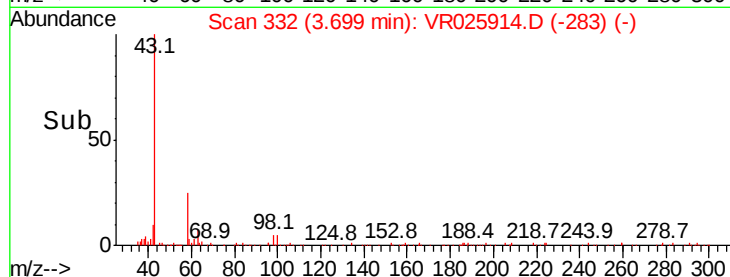
10000

5000

0

3.50 3.60 3.70 3.80 3.90

Time-->



#16

Methylene chloride

Concen: 0.108 ug/L

RT: 4.40 min Scan# 448

Delta R.T. -0.01 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

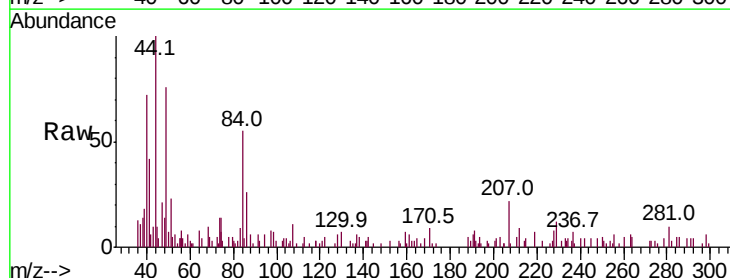
Tgt Ion: 84 Resp: 3605

Ion Ratio Lower Upper

84 100

86 44.0 43.1 80.1

49 127.8 95.5 177.3



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

2500

2000

1500

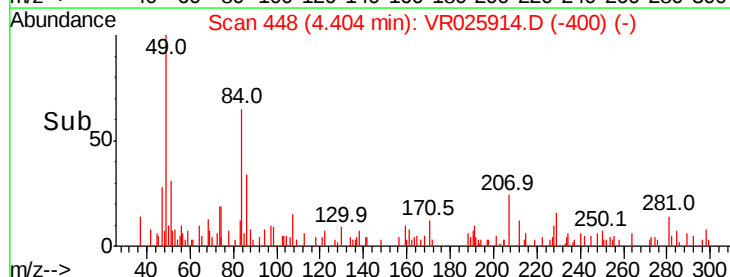
1000

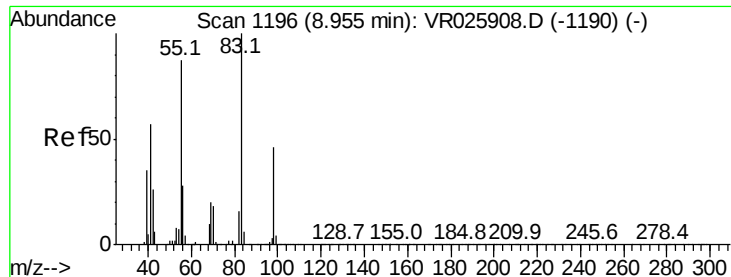
500

0

4.35 4.40 4.45

Time-->

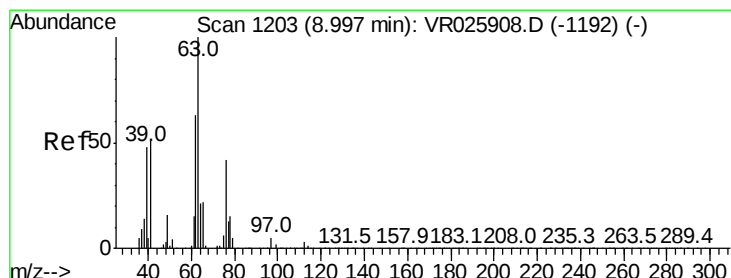
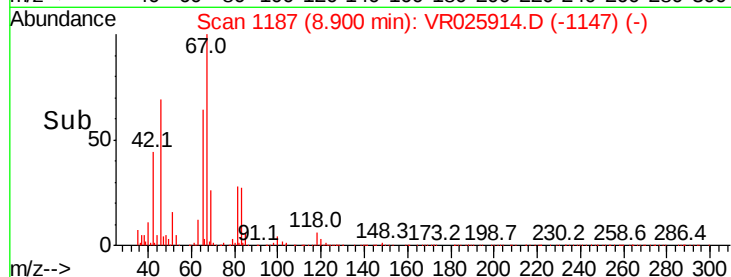
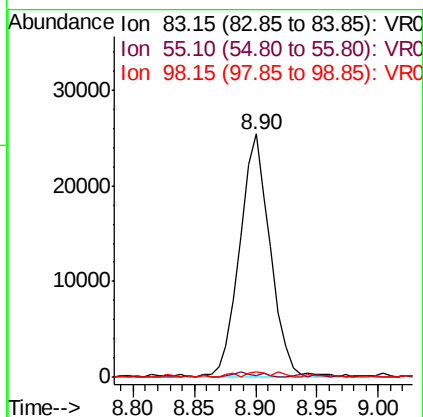
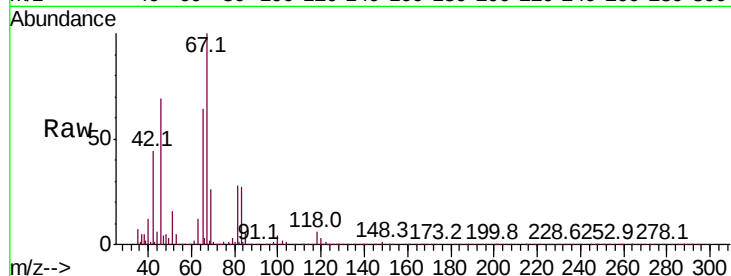




#35
Methvlcvclohexane
Concen: 0.837 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025914.D
Acq: 1 Oct 2018 16:15

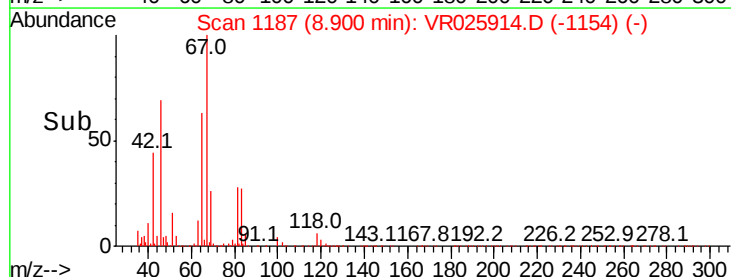
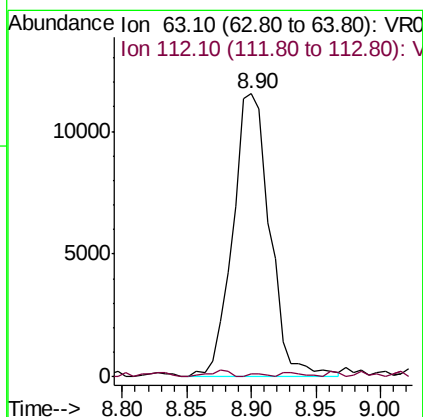
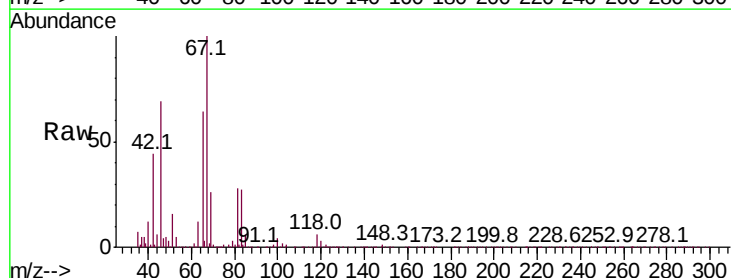
Instrument :
MSVOA_R
ClientSampleId :

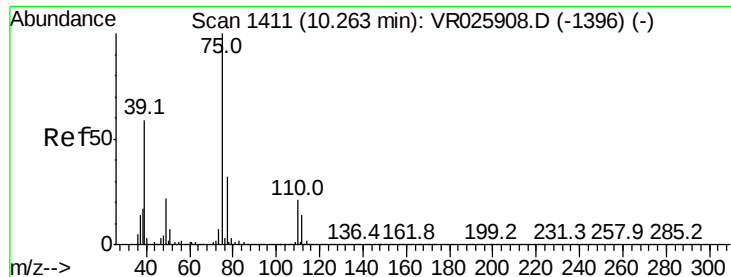
Tot Ion: 83 Resp: 44042
Ion Ratio Lower Upper
83 100
55 0.5 71.8 107.6#
98 2.1 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.810 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025914.D
Acq: 1 Oct 2018 16:15

Tgt Ion: 63 Resp: 23093
Ion Ratio Lower Upper
63 100
112 0.5 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

Instrument :

MSVOA_R

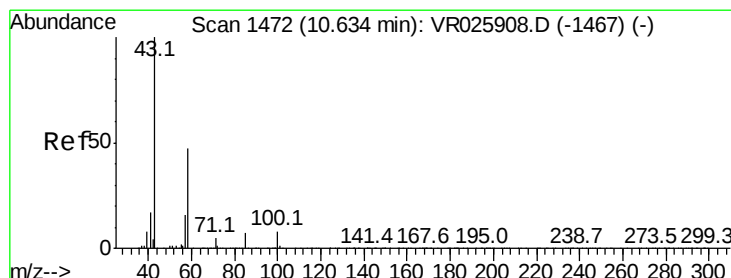
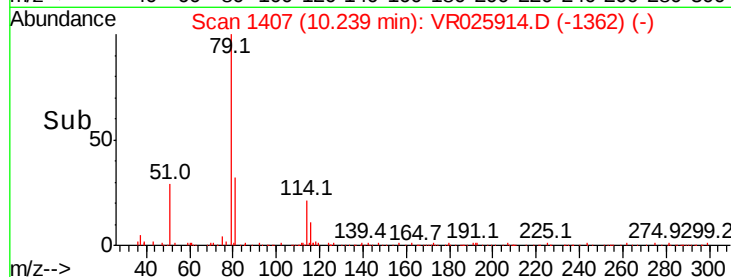
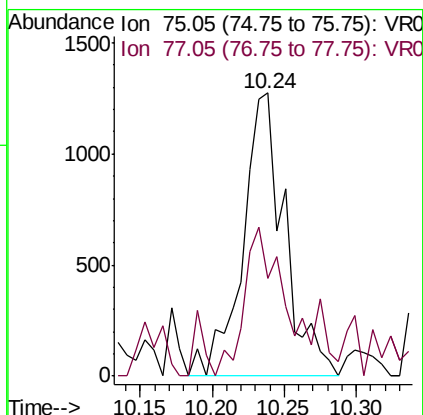
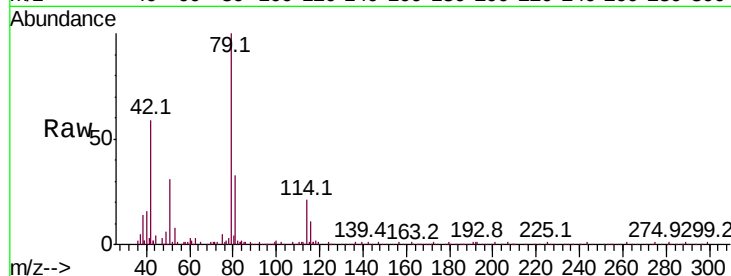
ClientSampled :

Tot Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

77 34.8 23.0 42.8



#48

2-Hexanone

Concen: 4.413 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

Tgt Ion: 43 Resp: 28950

Ion Ratio Lower Upper

43 100

58 22.7 39.5 59.3#

57 23.2 14.6 21.8#

100 1.4 6.7 10.1#

