

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR025983.D
 Acq On : 8 Oct 2018 13:28
 Operator : SY/MD
 Sample : J5276-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 05:30:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 05:29:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	491132	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	413040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	137245	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	173896	4.49	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.63	69	151866	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.63	63	306593	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.59	46	179767	41.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.28%
24) Chloroform-d	7.20	84	278346	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	7.90	65	128336	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	7.85	84	552154	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	8.90	67	150547	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	9.97	98	518164	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.24	79	35274	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	141619	44.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59212	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	99913	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

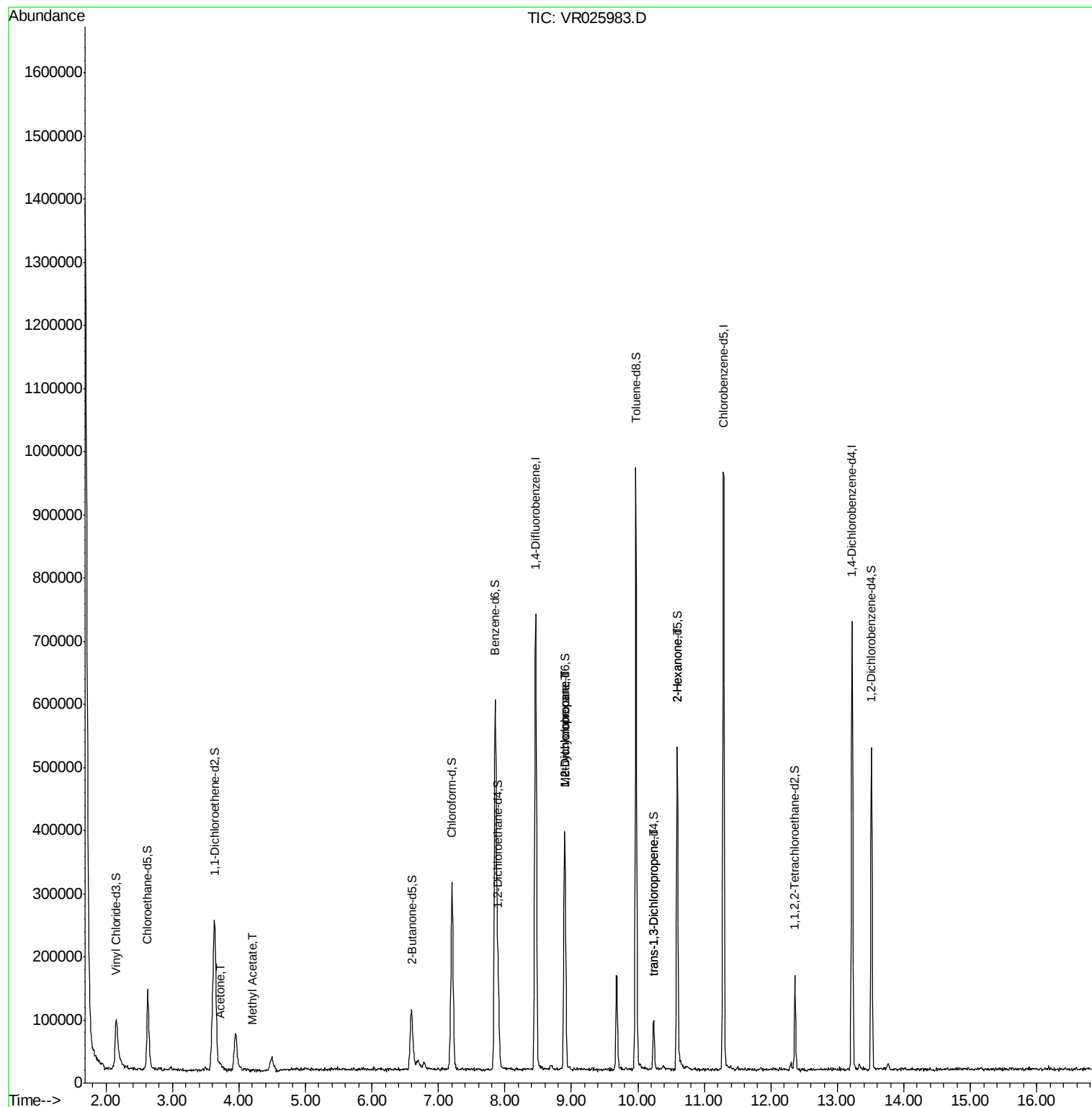
					Ovalue
13) Acetone	3.72	43	5254	1.679	ug/L 78
15) Methyl Acetate	4.20	43	850	0.098	ug/L 94
35) Methylcyclohexane	8.90	83	35634	0.649	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	20514	0.690	ug/L # 95
44) trans-1,3-Dichloropropene	10.24	75	2224	0.102	ug/L 89
48) 2-Hexanone	10.59	43	24429	3.570	ug/L # 71

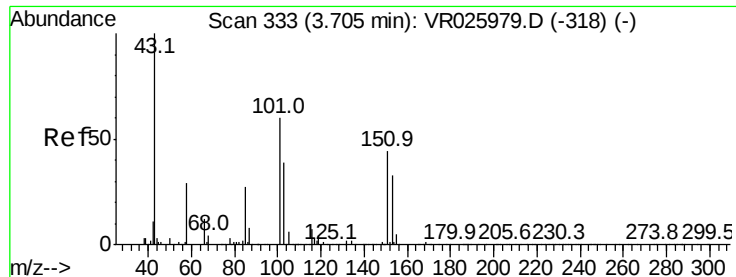
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.679 ug/L

RT: 3.72 min Scan# 335

Delta R.T. 0.01 min

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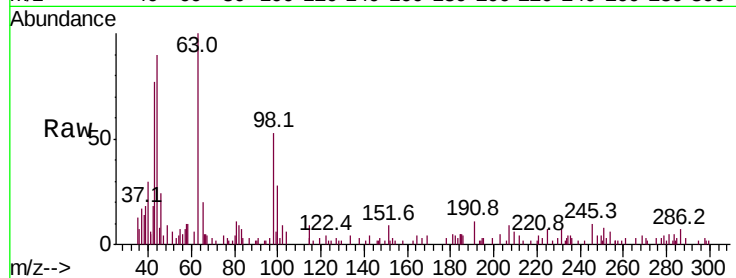
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 5254

Ion Ratio Lower Upper

43 100

58 14.5 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2500

2000

1500

1000

500

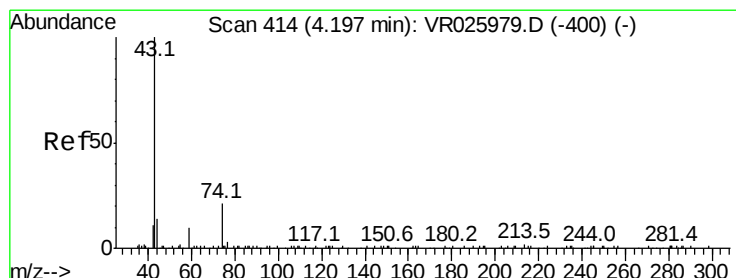
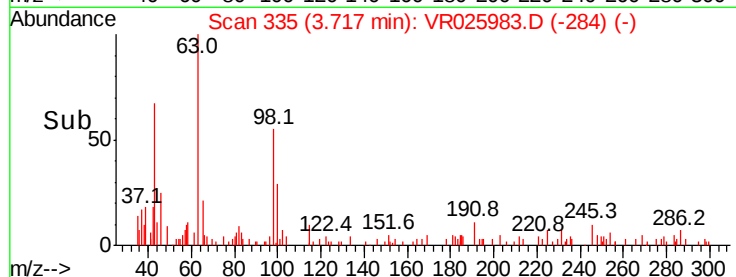
0

3.65

3.70

3.75

Time-->



#15

Methyl Acetate

Concen: 0.098 ug/L

RT: 4.20 min Scan# 415

Delta R.T. 0.01 min

Lab File: VR025983.D

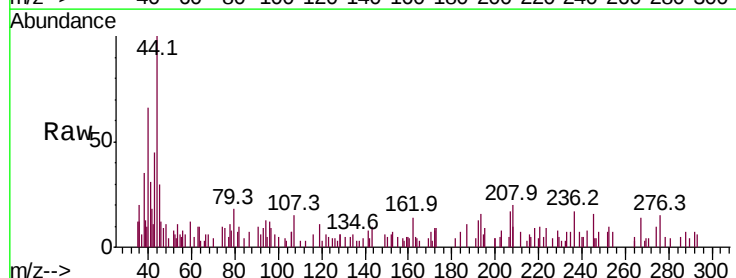
Acq: 8 Oct 2018 13:28

Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

74 20.7 19.0 28.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

1000

800

600

400

200

0

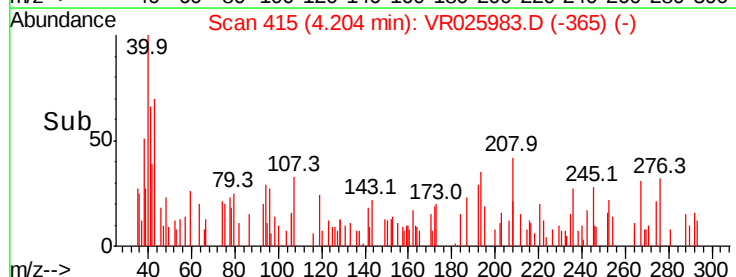
4.18

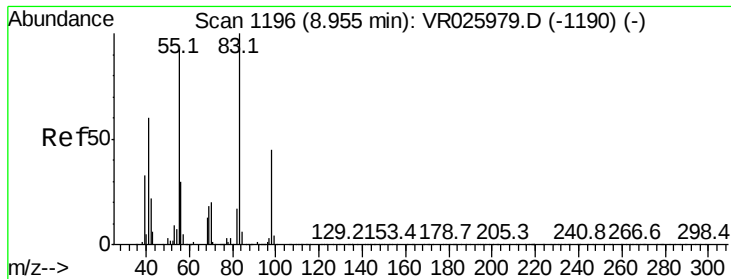
4.20

4.22

4.24

Time-->

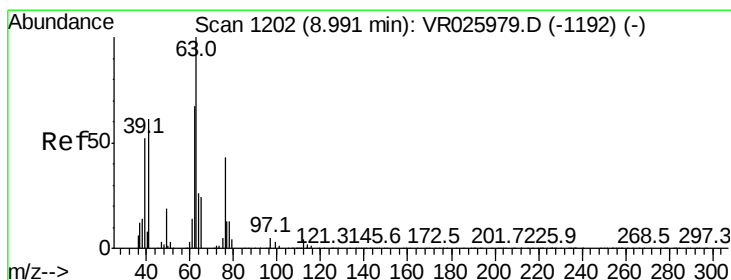
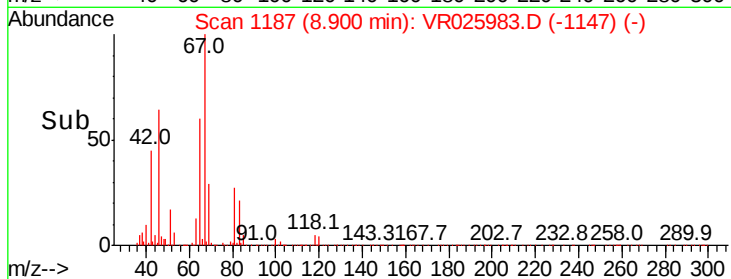
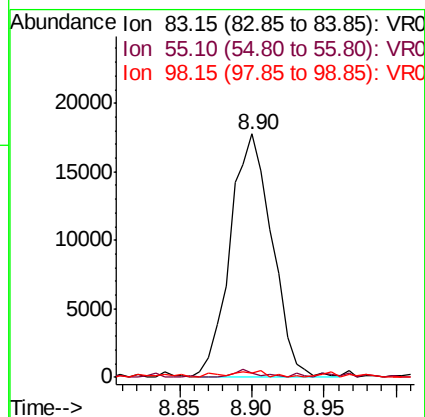
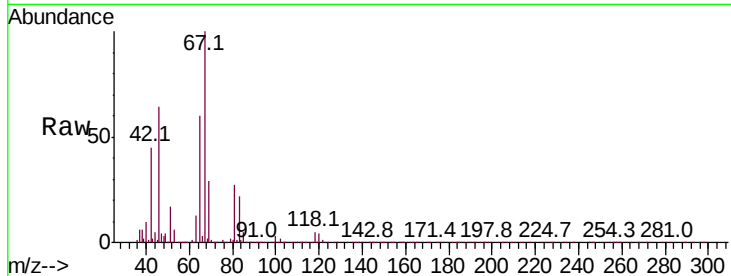




#35
Methvlcvclohexane
Concen: 0.649 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025983.D
Acq: 8 Oct 2018 13:28

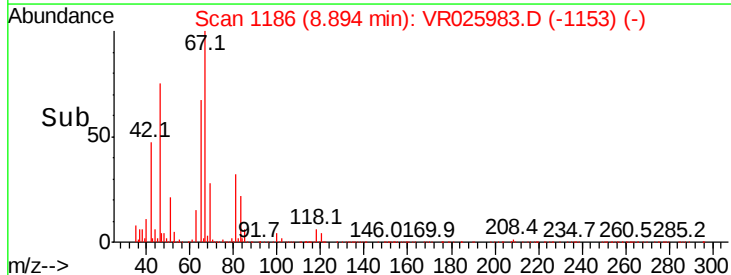
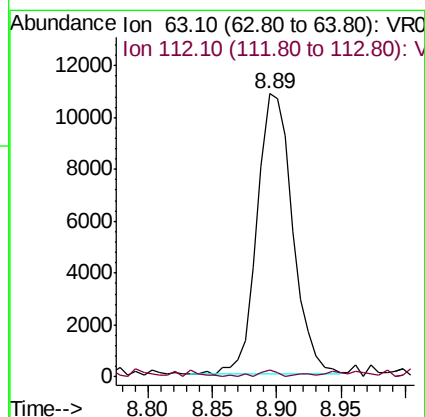
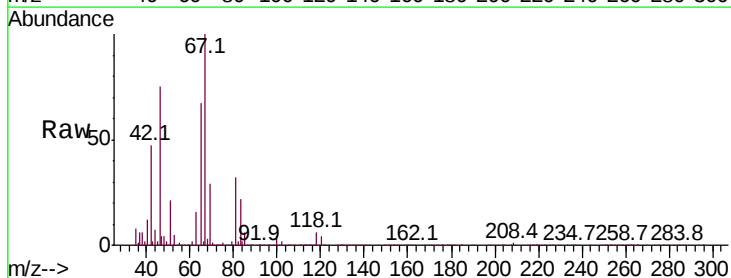
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MSVOA_R
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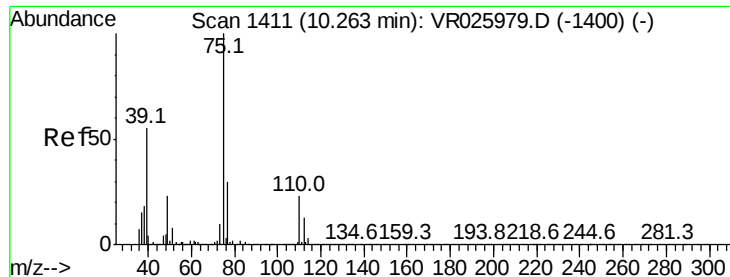
Tot Ion: 83 Resp: 35634
Ion Ratio Lower Upper
83 100
55 1.7 71.8 107.6#
98 1.9 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025983.D
Acq: 8 Oct 2018 13:28

Tgt Ion: 63 Resp: 20514
Ion Ratio Lower Upper
63 100
112 1.5 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025983.D

Acq: 8 Oct 2018 13:28

Instrument :

MSVOA_R

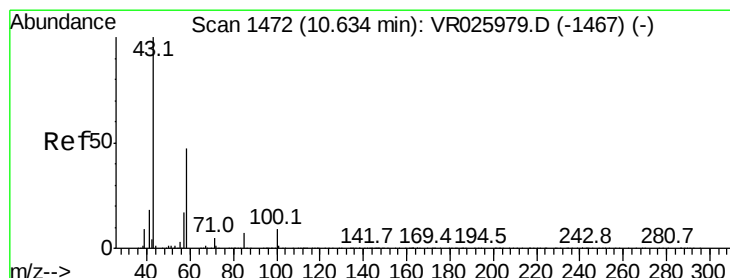
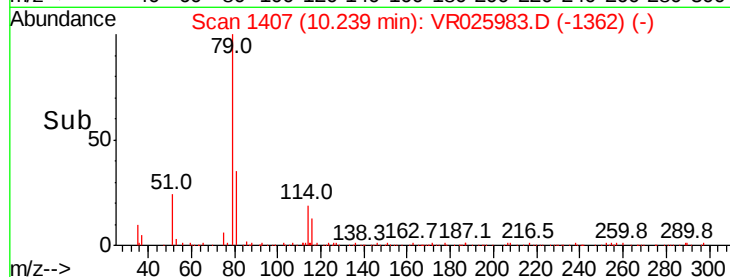
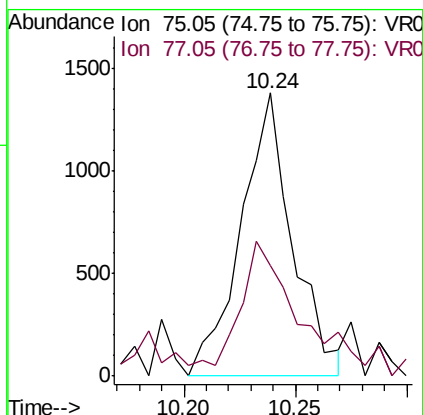
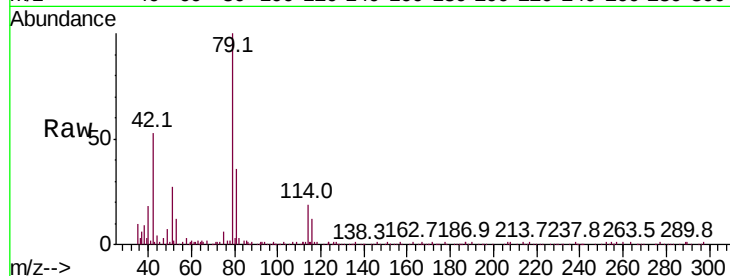
ClientSampleId :

Tot Ion: 75 Resp: 2224

Ion Ratio Lower Upper

75 100

77 38.9 23.0 42.8



#48

2-Hexanone

Concen: 3.570 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025983.D

Acq: 8 Oct 2018 13:28

Tgt Ion: 43 Resp: 24429

Ion Ratio Lower Upper

43 100

58 25.1 39.5 59.3#

57 25.5 14.6 21.8#

100 2.7 6.7 10.1#

