

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025952.D
 Acq On : 5 Oct 2018 12:06
 Operator : SY/MD
 Sample : J5258-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:22:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	452557	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	375759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	130775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	129843	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	2.63	69	132094	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	3.63	63	246562	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	6.59	46	203898	51.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	7.20	84	251181	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	7.90	65	115281	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	7.85	84	463035	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	8.90	67	134170	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	9.97	98	400879	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	10.24	79	30693	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	138968	47.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59231	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	85717	4.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.80%

Target Compounds

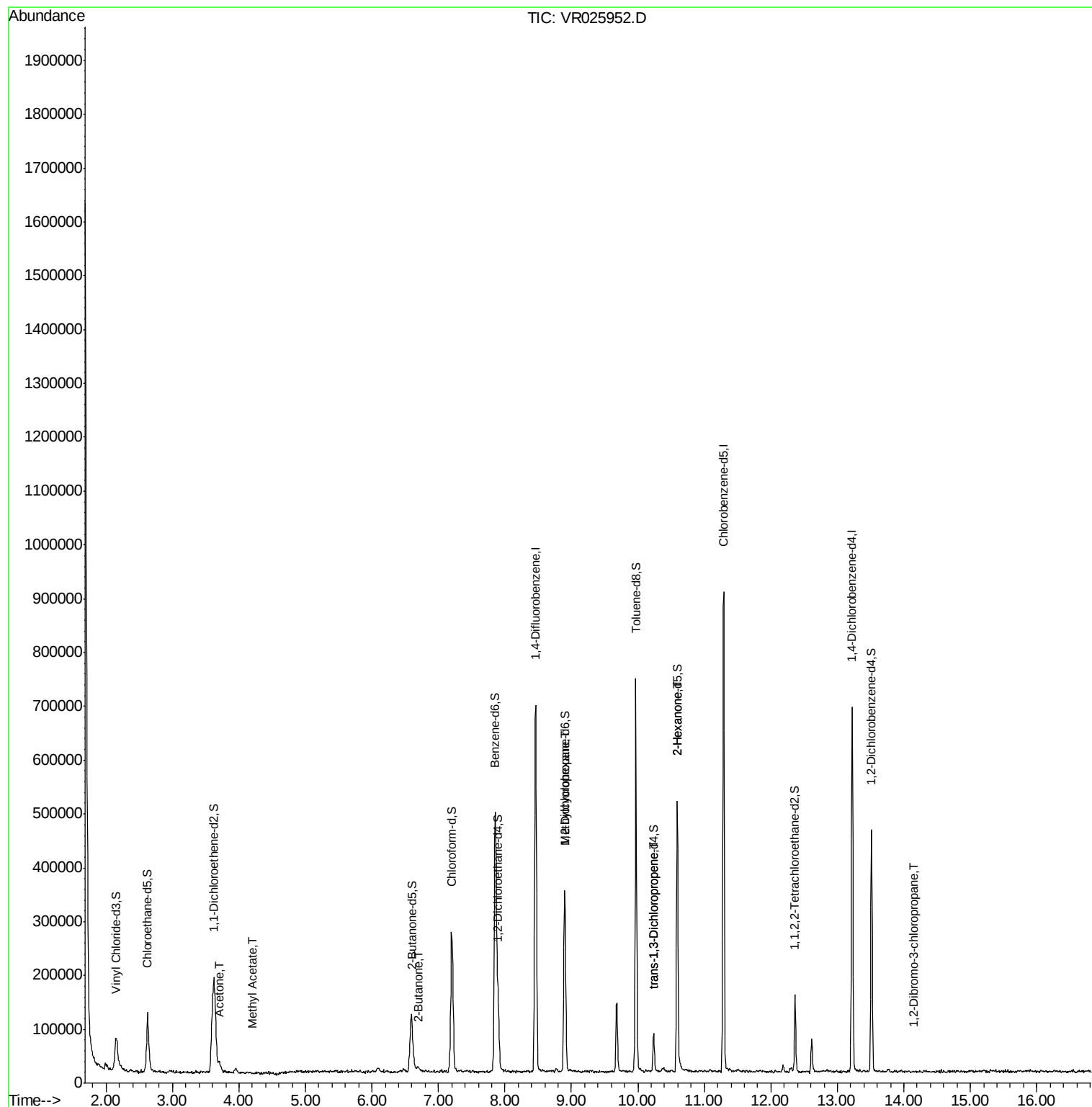
					Ovalue
13) Acetone	3.70	43	30438	10.555	ug/L 97
15) Methyl Acetate	4.20	43	703	0.088	ug/L # 48
21) 2-Butanone	6.69	43	8628	2.175	ug/L 83
35) Methylcyclohexane	8.90	83	30124	0.603	ug/L # 17
44) trans-1,3-Dichloropropene	10.24	75	2014	0.102	ug/L 84
48) 2-Hexanone	10.59	43	23312	3.745	ug/L # 69
66) 1,2-Dibromo-3-chloropropan	14.14	75	333	0.258	ug/L # 24

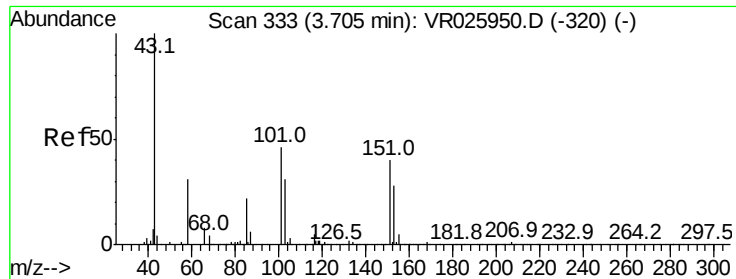
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.555 ug/L

RT: 3.70 min Scan# 333

Delta R.T. -0.00 min

Lab File: VR025952.D

Acq: 5 Oct 2018 12:06

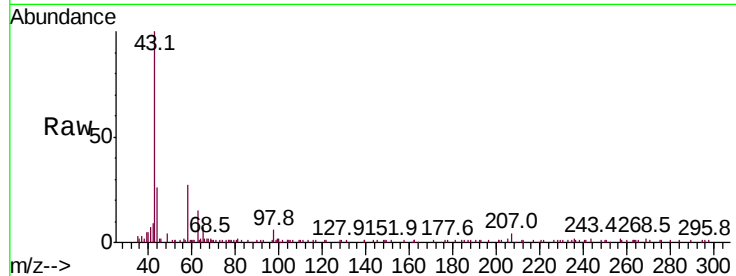
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 30438

Ion Ratio Lower Upper

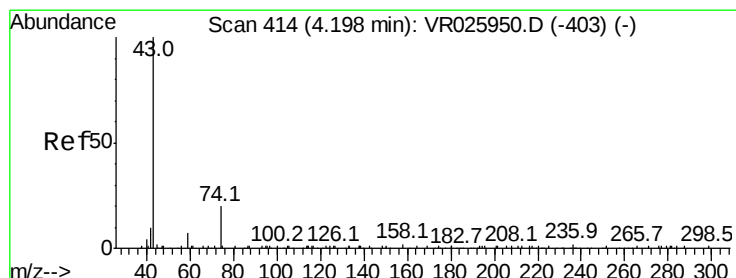
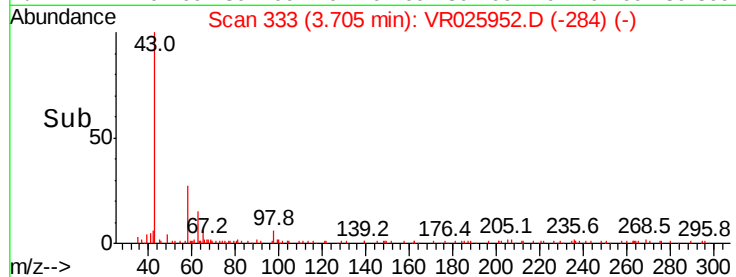
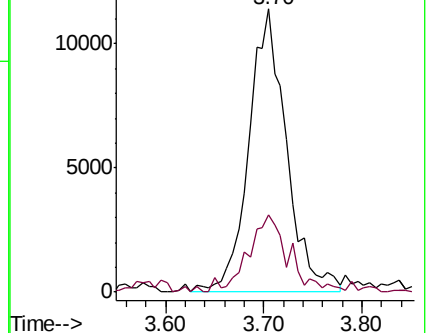
43 100

58 27.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.088 ug/L

RT: 4.20 min Scan# 414

Delta R.T. -0.00 min

Lab File: VR025952.D

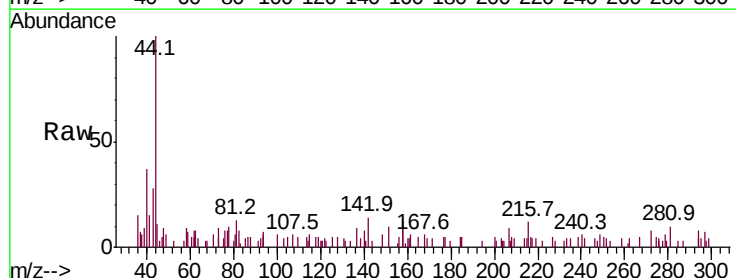
Acq: 5 Oct 2018 12:06

Tgt Ion: 43 Resp: 703

Ion Ratio Lower Upper

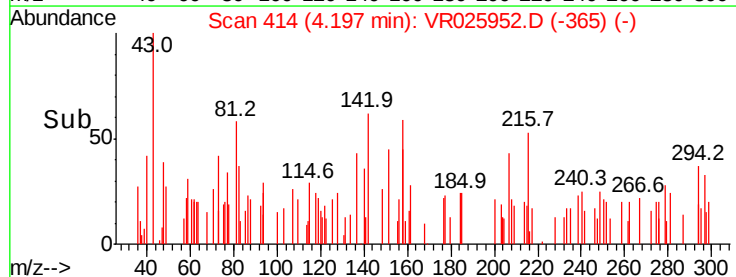
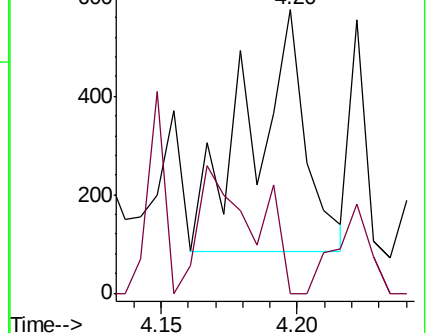
43 100

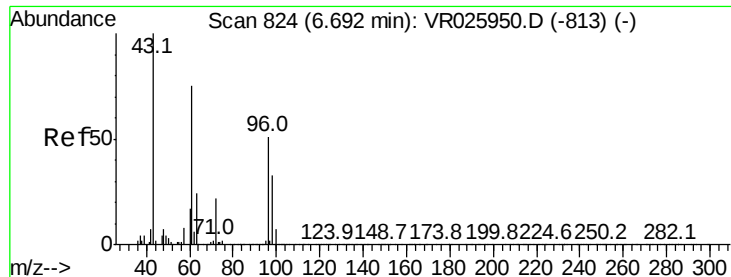
74 49.1 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

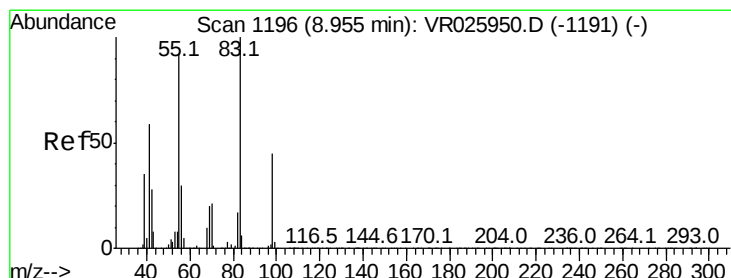
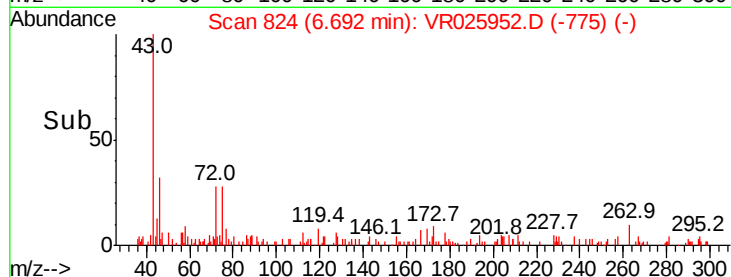
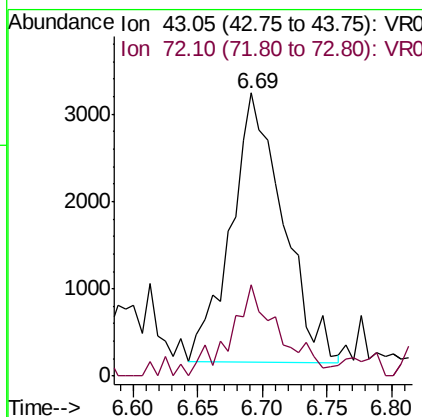
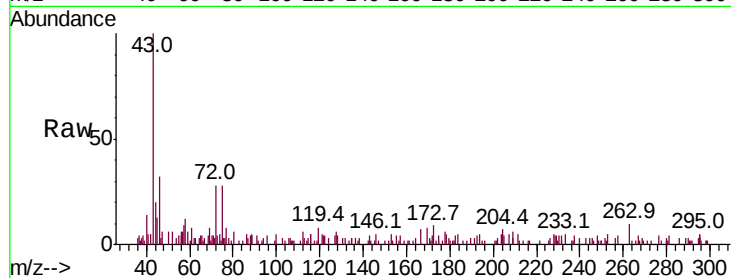




#21
2-Butanone
Concen: 2.175 ug/L
RT: 6.69 min Scan# 824
Delta R.T. -0.00 min
Lab File: VR025952.D
Acq: 5 Oct 2018 12:06

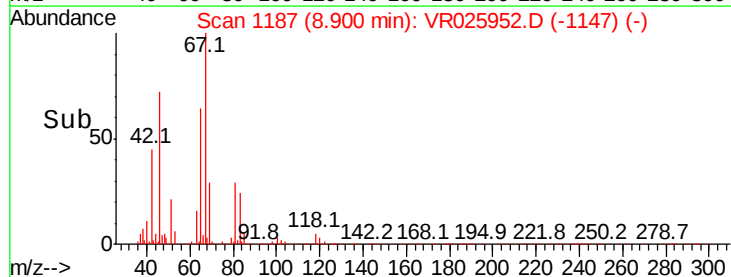
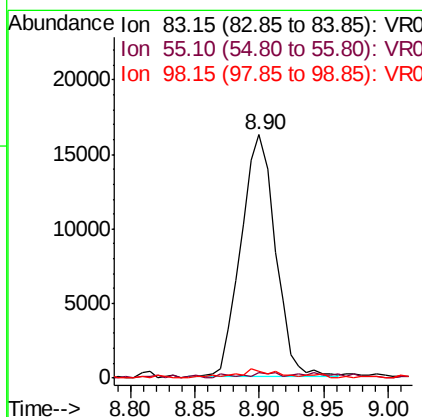
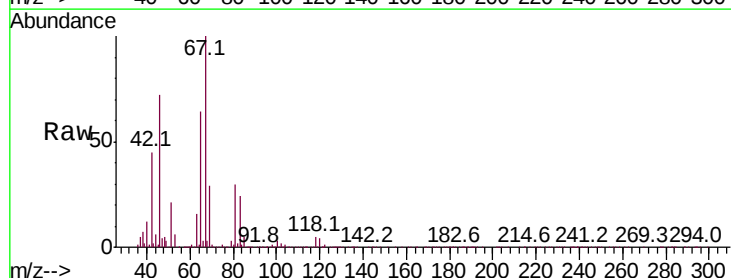
Instrument :
MSVOA_R
ClientSampleId :

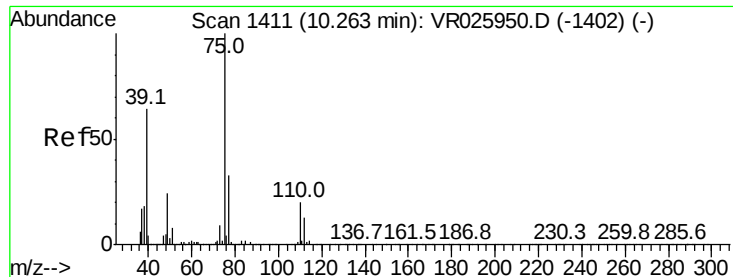
Tot Ion: 43 Resp: 8628
Ion Ratio Lower Upper
43 100
72 32.0 11.9 35.7



#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025952.D
Acq: 5 Oct 2018 12:06

Tgt Ion: 83 Resp: 30124
Ion Ratio Lower Upper
83 100
55 1.1 71.8 107.6#
98 4.3 34.2 51.4#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR025952.D

Acq: 5 Oct 2018 12:06

Instrument :

MSVOA_R

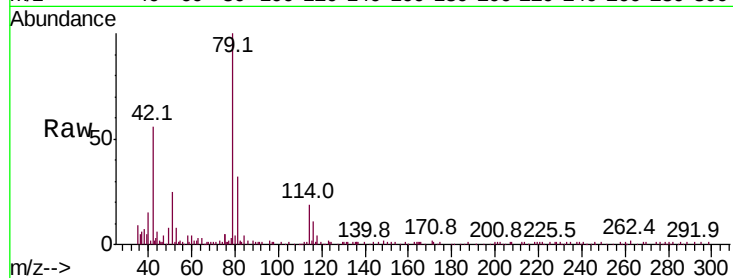
ClientSampleId :

Tot Ion: 75 Resp: 2014

Ion Ratio Lower Upper

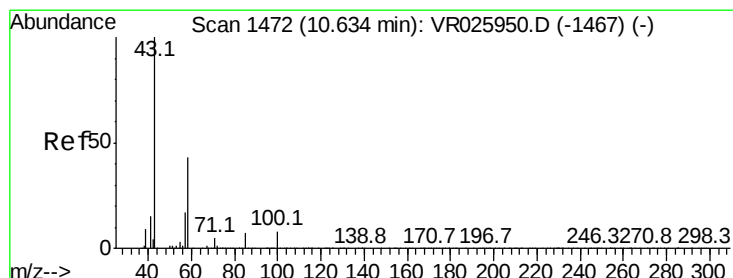
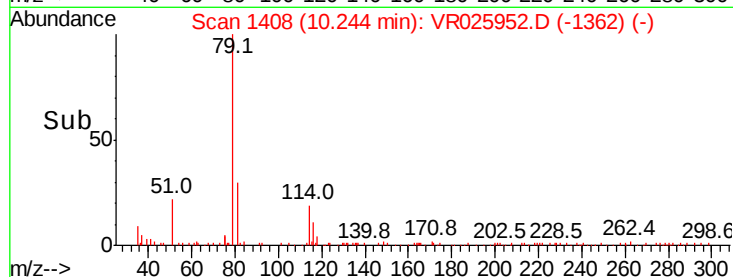
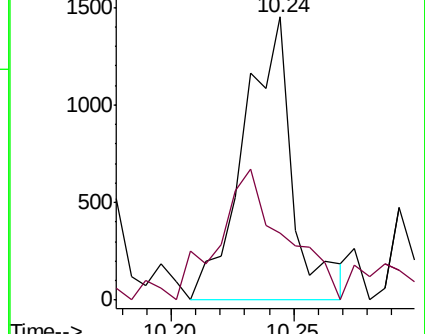
75 100

77 23.9 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#48

2-Hexanone

Concen: 3.745 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025952.D

Acq: 5 Oct 2018 12:06

Tgt Ion: 43 Resp: 23312

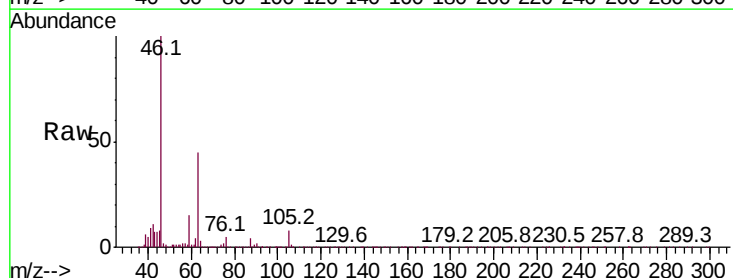
Ion Ratio Lower Upper

43 100

58 22.2 39.5 59.3#

57 25.1 14.6 21.8#

100 3.7 6.7 10.1#

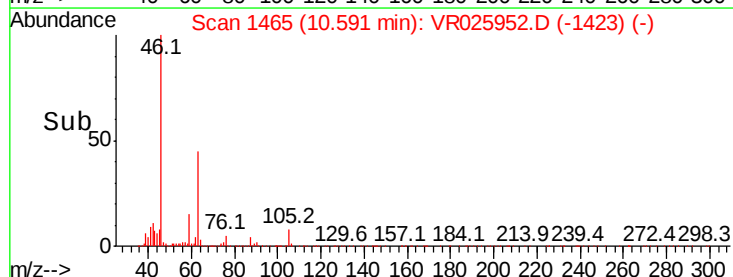
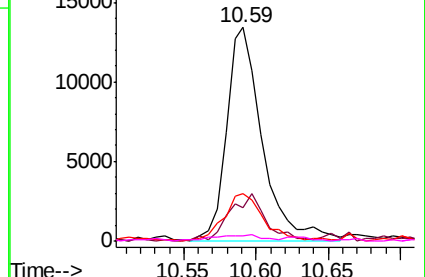


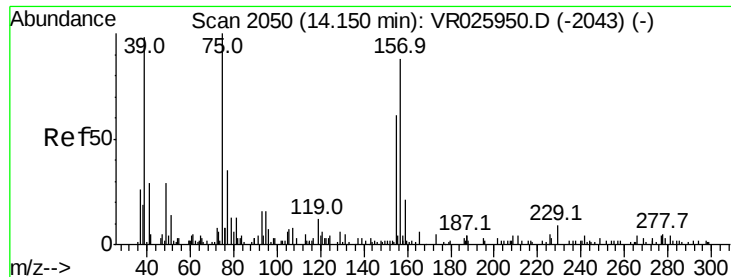
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.258 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR025952.D
 Acq: 5 Oct 2018 12:06

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 333
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.8 56.6#
 157 0.0 49.7 74.5#

