

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025972.D
 Acq On : 6 Oct 2018 1:21
 Operator : SY/MD
 Sample : J5276-17
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:32:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	425182	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	351288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	112116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	108309	3.23	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	2.63	69	111081	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	3.63	63	200339	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	6.59	46	197957	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	7.20	84	224381	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	7.90	65	104917	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	7.85	84	388689	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.60%#
36) 1,2-Dichloropropane-d6	8.89	67	118190	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.00%
41) Toluene-d8	9.97	98	323909	2.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.00%#
43) trans-1,3-Dichloropropene-	10.24	79	22187	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	10.59	63	142259	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54181	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	71605	3.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

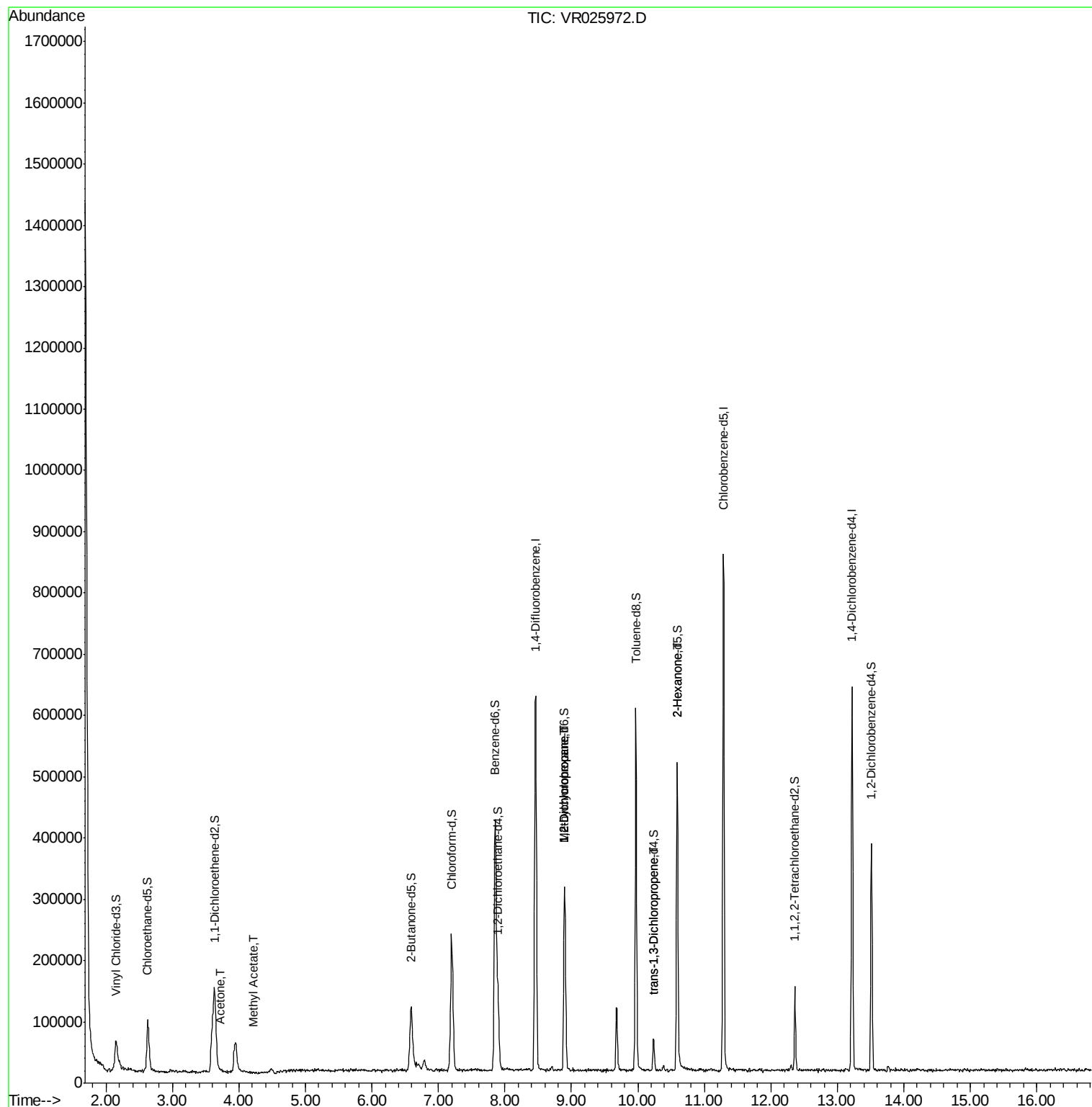
					Ovalue
13) Acetone	3.71	43	5307	1.959 ug/L	68
15) Methyl Acetate	4.20	43	1768	0.235 ug/L #	80
35) Methylcyclohexane	8.90	83	27016	0.579 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	17046	0.674 ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	1685	0.091 ug/L	88
48) 2-Hexanone	10.59	43	24314	4.178 ug/L #	73

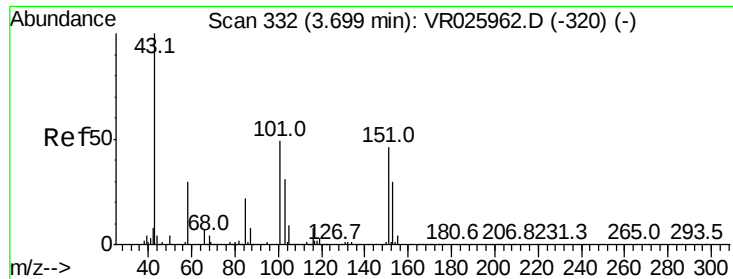
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.959 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025972.D

Acq: 6 Oct 2018 1:21

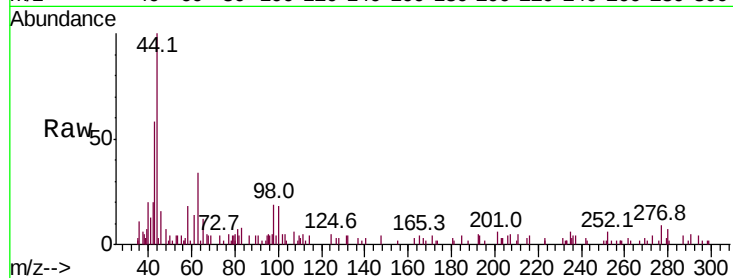
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 5307

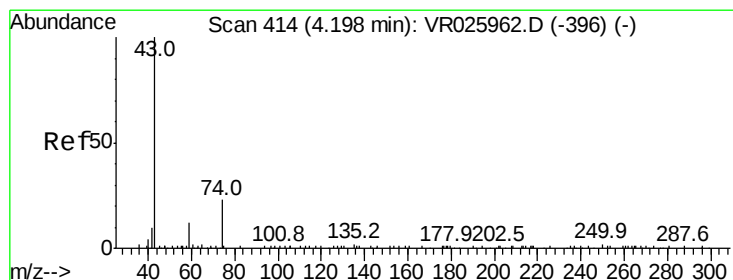
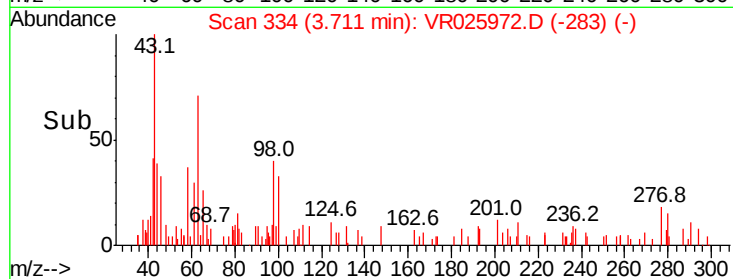
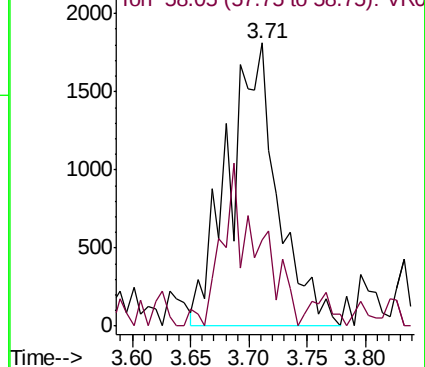
Ion Ratio Lower Upper

43 100

58 42.2 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: 0.235 ug/L

RT: 4.20 min Scan# 415

Delta R.T. 0.01 min

Lab File: VR025972.D

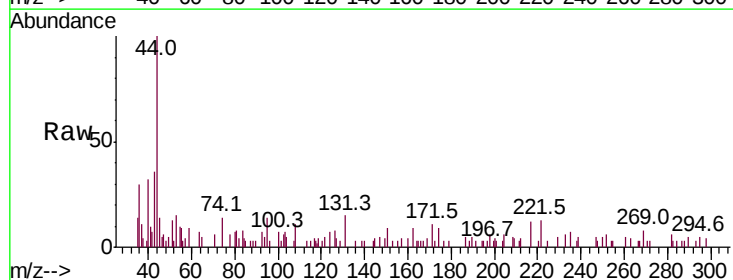
Acq: 6 Oct 2018 1:21

Tgt Ion: 43 Resp: 1768

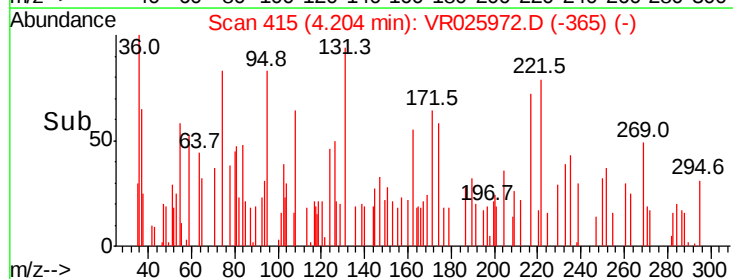
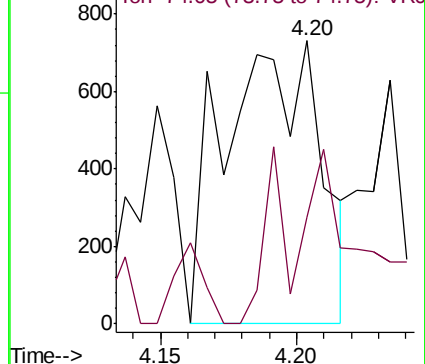
Ion Ratio Lower Upper

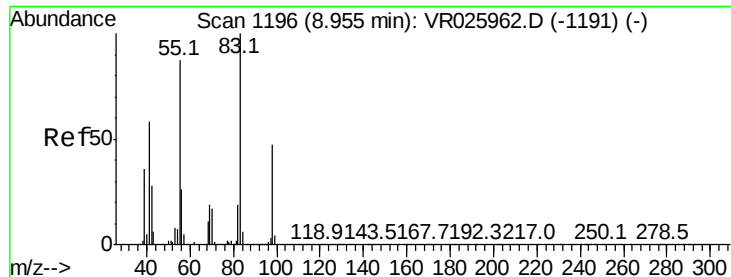
43 100

74 33.5 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 74.05 (73.75 to 74.75): VR0

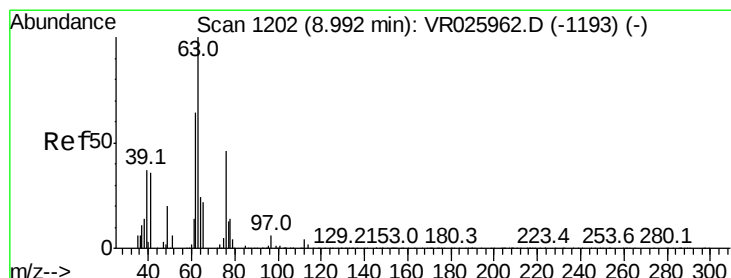
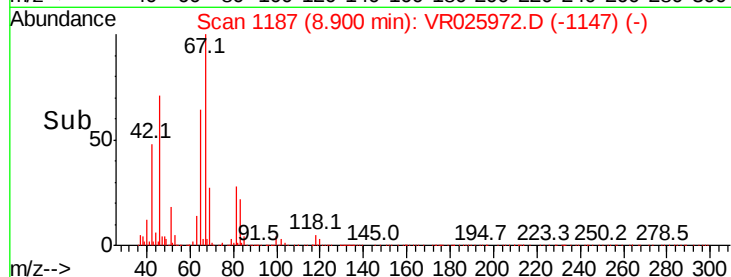
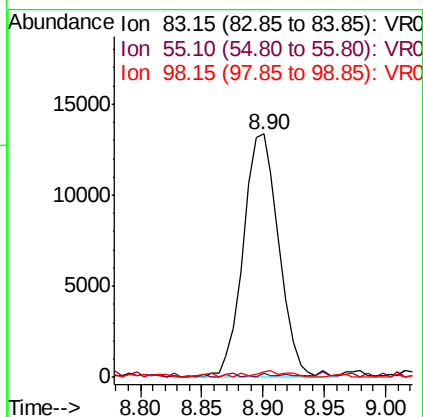
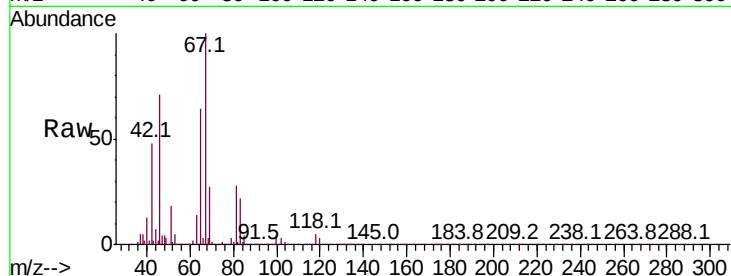




#35
Methvlcvclohexane
Concen: 0.579 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025972.D
Acq: 6 Oct 2018 1:21

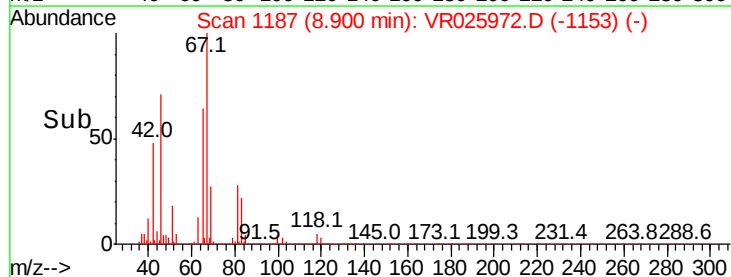
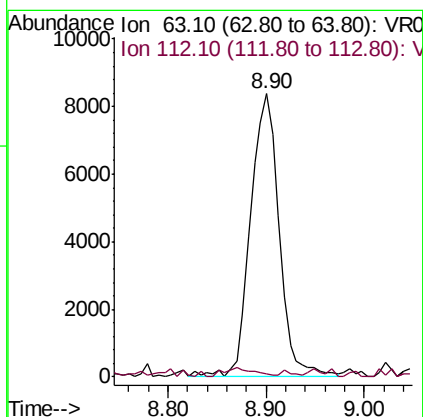
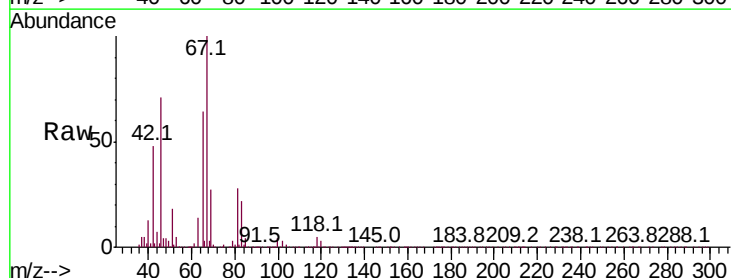
Instrument :
MSVOA_R
ClientSampleId :

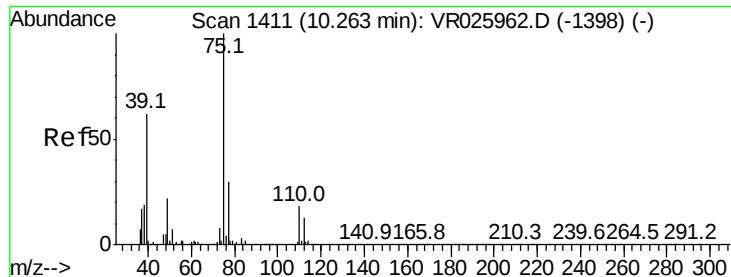
Tot Ion: 83 Resp: 27016
Ion Ratio Lower Upper
83 100
55 0.6 71.8 107.6#
98 2.9 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR025972.D
Acq: 6 Oct 2018 1:21

Tgt Ion: 63 Resp: 17046
Ion Ratio Lower Upper
63 100
112 0.5 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR025972.D

Acq: 6 Oct 2018 1:21

Instrument :

MSVOA_R

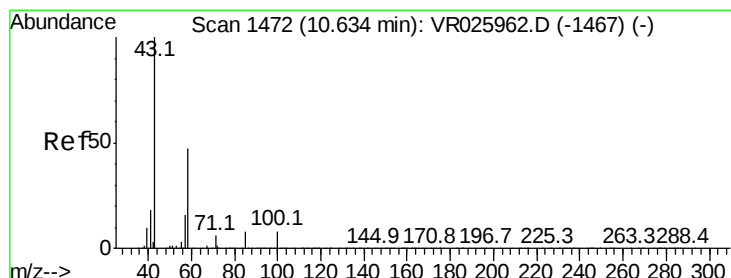
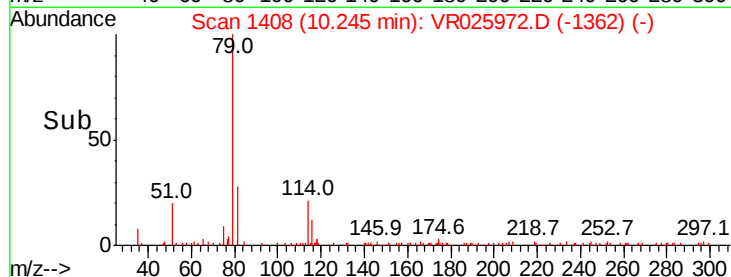
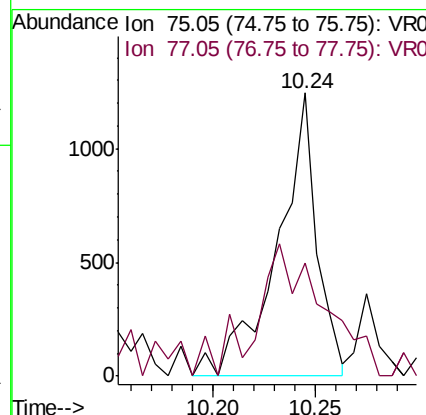
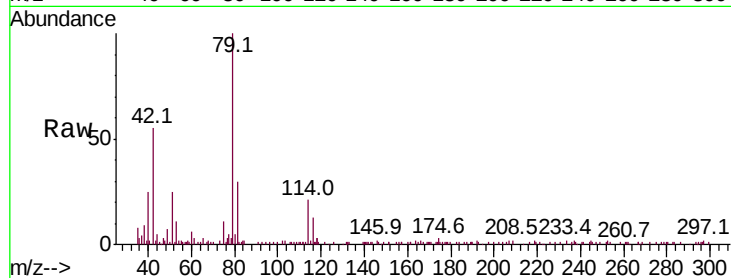
ClientSampled :

Tot Ion: 75 Resp: 1685

Ion Ratio Lower Upper

75 100

77 40.0 23.0 42.8



#48

2-Hexanone

Concen: 4.178 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025972.D

Acq: 6 Oct 2018 1:21

Tgt Ion: 43 Resp: 24314

Ion Ratio Lower Upper

43 100

58 23.9 39.5 59.3#

57 20.7 14.6 21.8

100 2.6 6.7 10.1#

