

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025973.D
 Acq On : 6 Oct 2018 1:54
 Operator : SY/MD
 Sample : J5276-18
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:32:13 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	413805	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	354353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	122643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	104537	3.20	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	2.63	69	107064	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	3.62	63	187795	2.45	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.00%#
20) 2-Butanone-d5	6.58	46	190162	52.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	7.20	84	213880	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	7.90	65	102988	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	7.85	84	374998	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.60%#
36) 1,2-Dichloropropane-d6	8.90	67	118910	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.80%
41) Toluene-d8	9.97	98	319782	2.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.80%#
43) trans-1,3-Dichloropropene-	10.23	79	22297	3.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.80%
46) 2-Hexanone-d5	10.59	63	136023	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53765	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	73251	3.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.60%#

Target Compounds

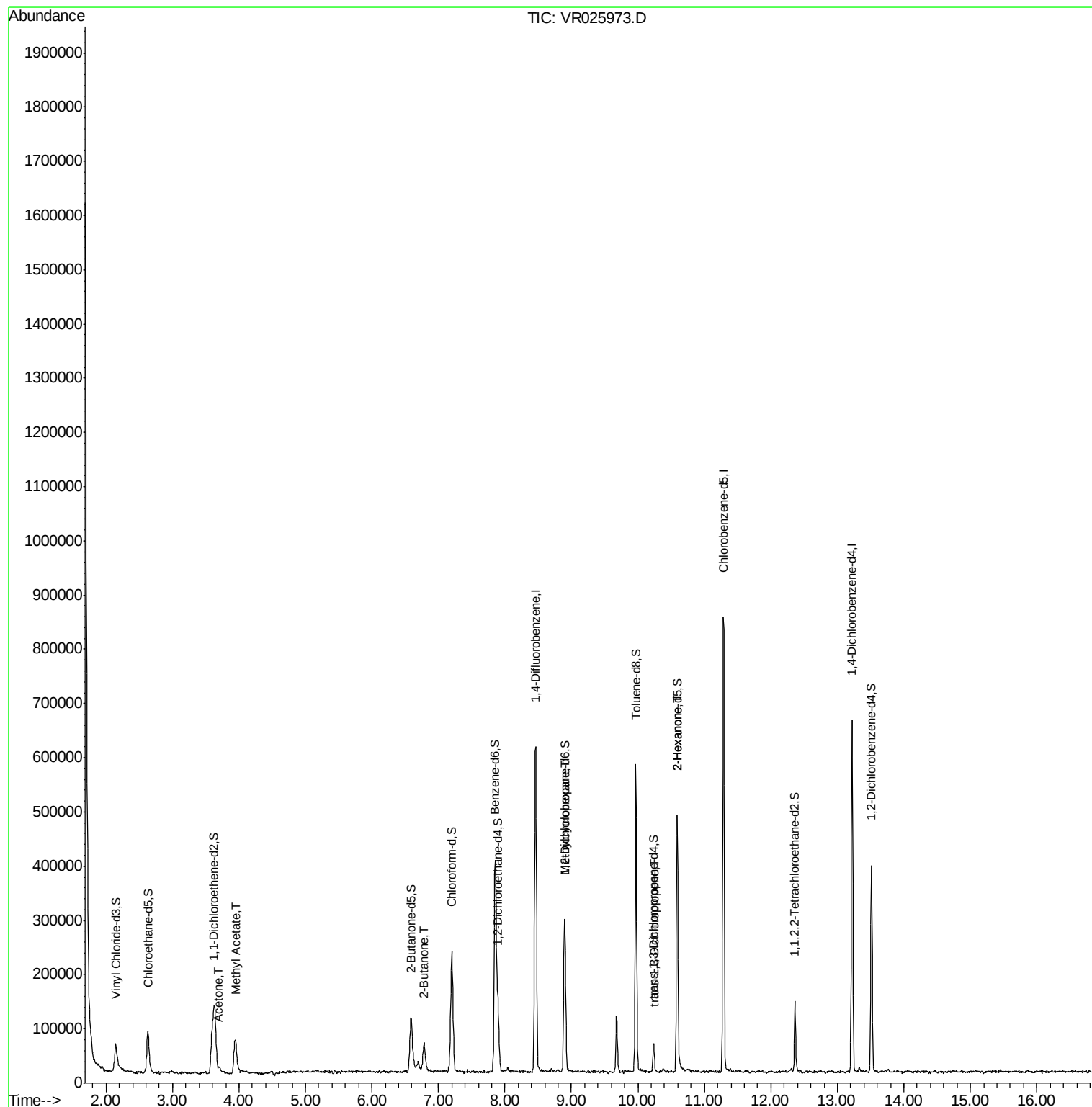
					Ovalue
13) Acetone	3.69	43	11082	4.203	ug/L 80
15) Methyl Acetate	3.95	43	28639	3.917	ug/L # 52
21) 2-Butanone	6.78	43	84345	23.257	ug/L # 52
35) Methylcyclohexane	8.90	83	28327	0.602	ug/L # 15
44) trans-1,3-Dichloropropene	10.25	75	1768	0.095	ug/L 86
48) 2-Hexanone	10.59	43	23357	3.979	ug/L # 74

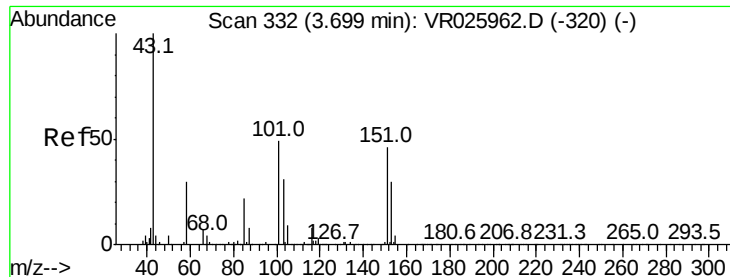
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 05:30:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.203 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR025973.D

Acq: 6 Oct 2018 1:54

Instrument :

MSVOA_R

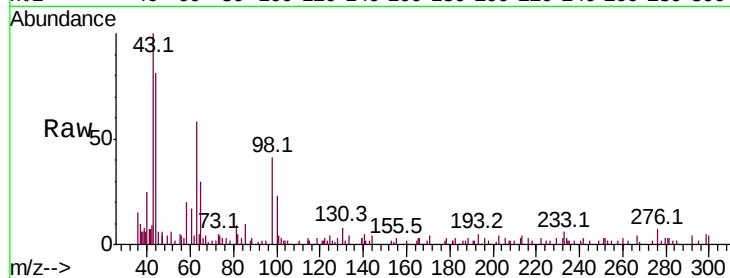
ClientSampleId :

Tot Ion: 43 Resp: 11082

Ion Ratio Lower Upper

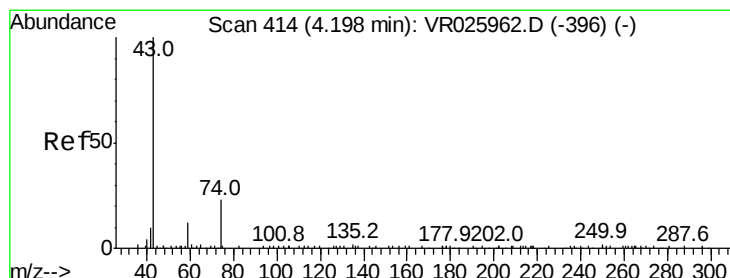
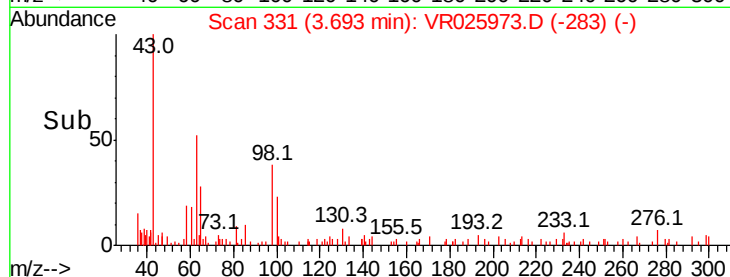
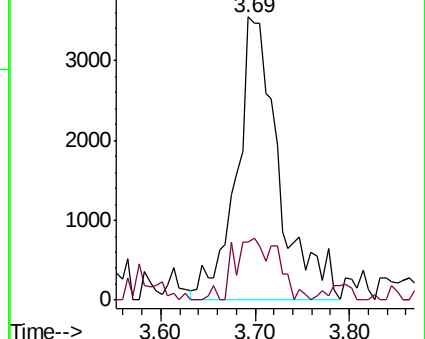
43 100

58 15.4 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: 3.917 ug/L

RT: 3.95 min Scan# 373

Delta R.T. -0.25 min

Lab File: VR025973.D

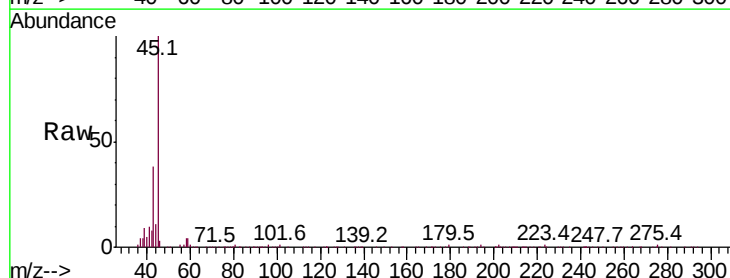
Acq: 6 Oct 2018 1:54

Tgt Ion: 43 Resp: 28639

Ion Ratio Lower Upper

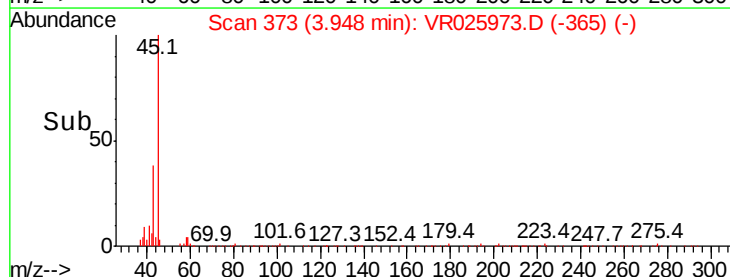
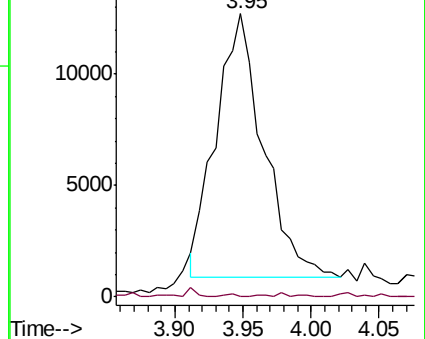
43 100

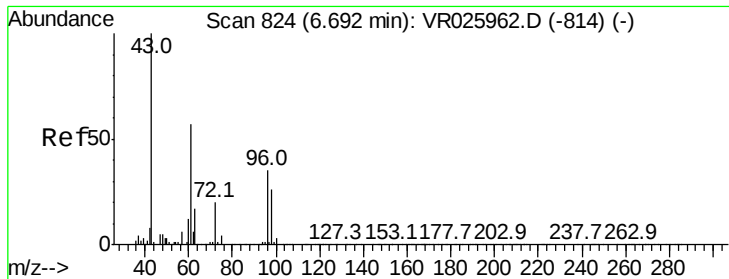
74 0.3 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#21

2-Butanone

Concen: 23.257 ug/L

RT: 6.78 min Scan# 839

Delta R.T. 0.09 min

Lab File: VR025973.D

Acq: 6 Oct 2018 1:54

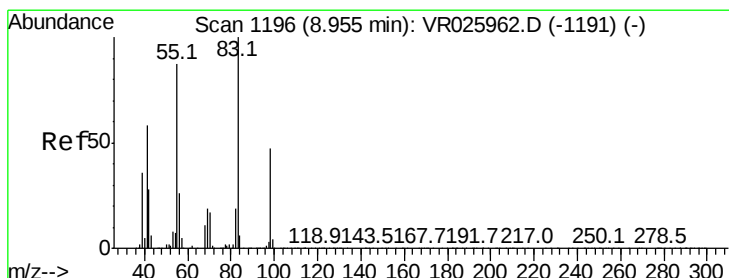
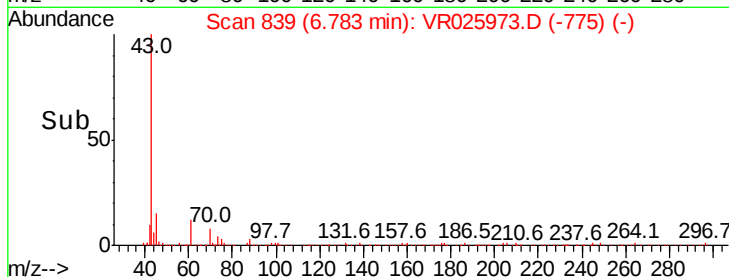
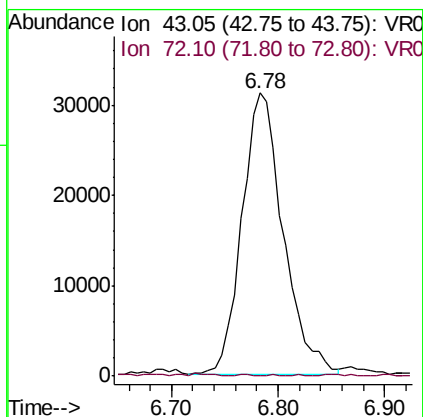
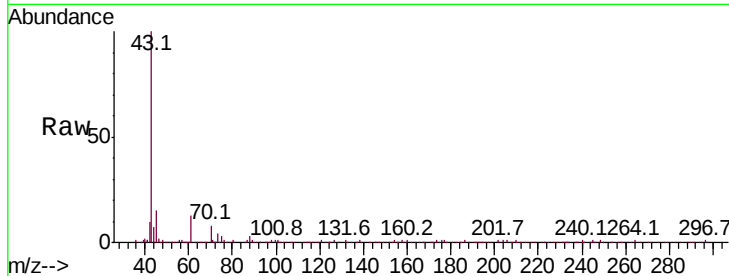
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 84345

Ion Ratio Lower Upper

43 100

72 0.1 11.9 35.7#



#35

Methylcyclohexane

Concen: 0.602 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025973.D

Acq: 6 Oct 2018 1:54

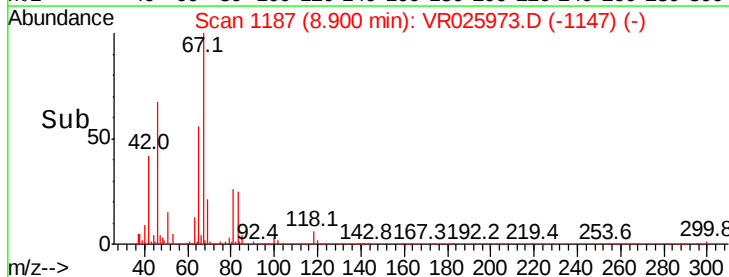
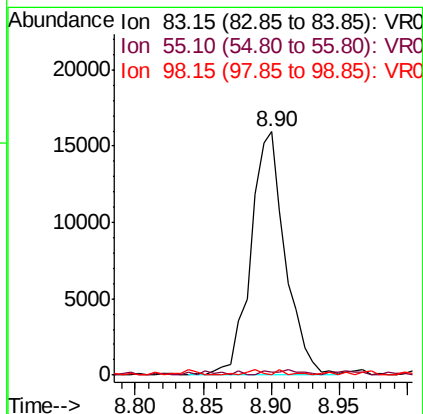
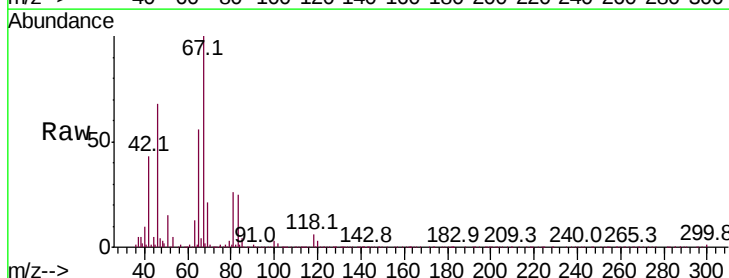
Tgt Ion: 83 Resp: 28327

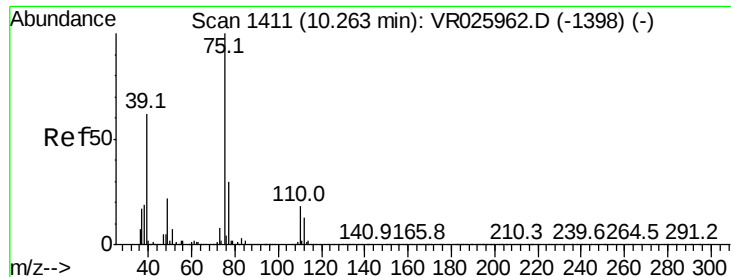
Ion Ratio Lower Upper

83 100

55 1.6 71.8 107.6#

98 0.8 34.2 51.4#





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 10.25 min Scan# 1409

Delta R.T. -0.01 min

Lab File: VR025973.D

Acq: 6 Oct 2018 1:54

Instrument :

MSVOA_R

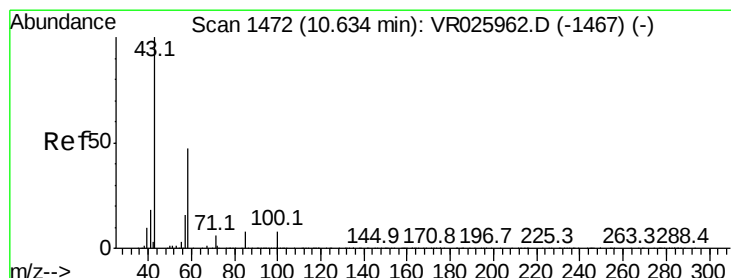
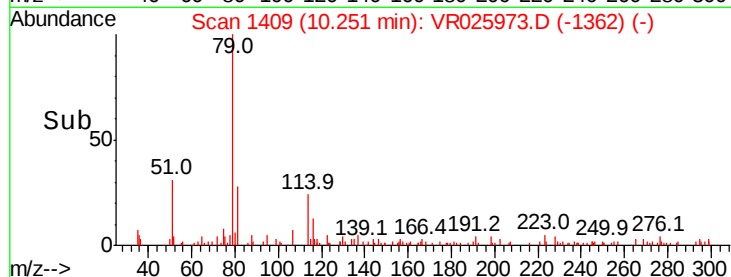
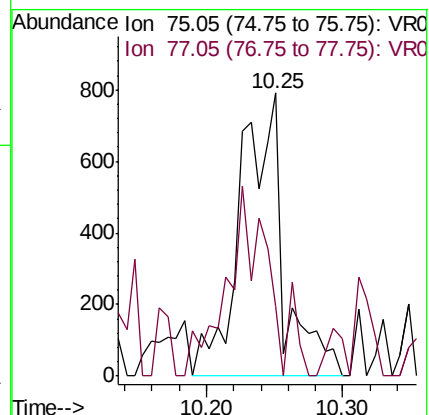
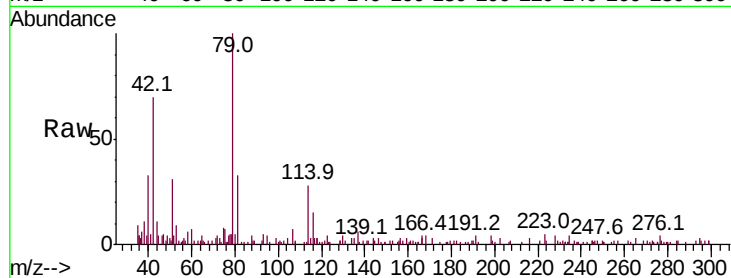
ClientSampled :

Tot Ion: 75 Resp: 1768

Ion Ratio Lower Upper

75 100

77 24.8 23.0 42.8



#48

2-Hexanone

Concen: 3.979 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025973.D

Acq: 6 Oct 2018 1:54

Tgt Ion: 43 Resp: 23357

Ion Ratio Lower Upper

43 100

58 25.6 39.5 59.3#

57 21.4 14.6 21.8

100 3.6 6.7 10.1#

