

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026081.D
 Acq On : 15 Oct 2018 20:09
 Operator : SY/MD
 Sample : J5379-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 16 08:24:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 08:21:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	611739	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	517508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	164347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	239354	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	2.63	69	206128	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.61	63	436112	3.32	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.59	46	213526	48.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	7.20	84	348519	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.90	65	156344	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	7.86	84	710875	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	8.90	67	191167	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	9.97	98	661713	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	10.24	79	44051	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	10.59	63	161528	49.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74160	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	119756	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

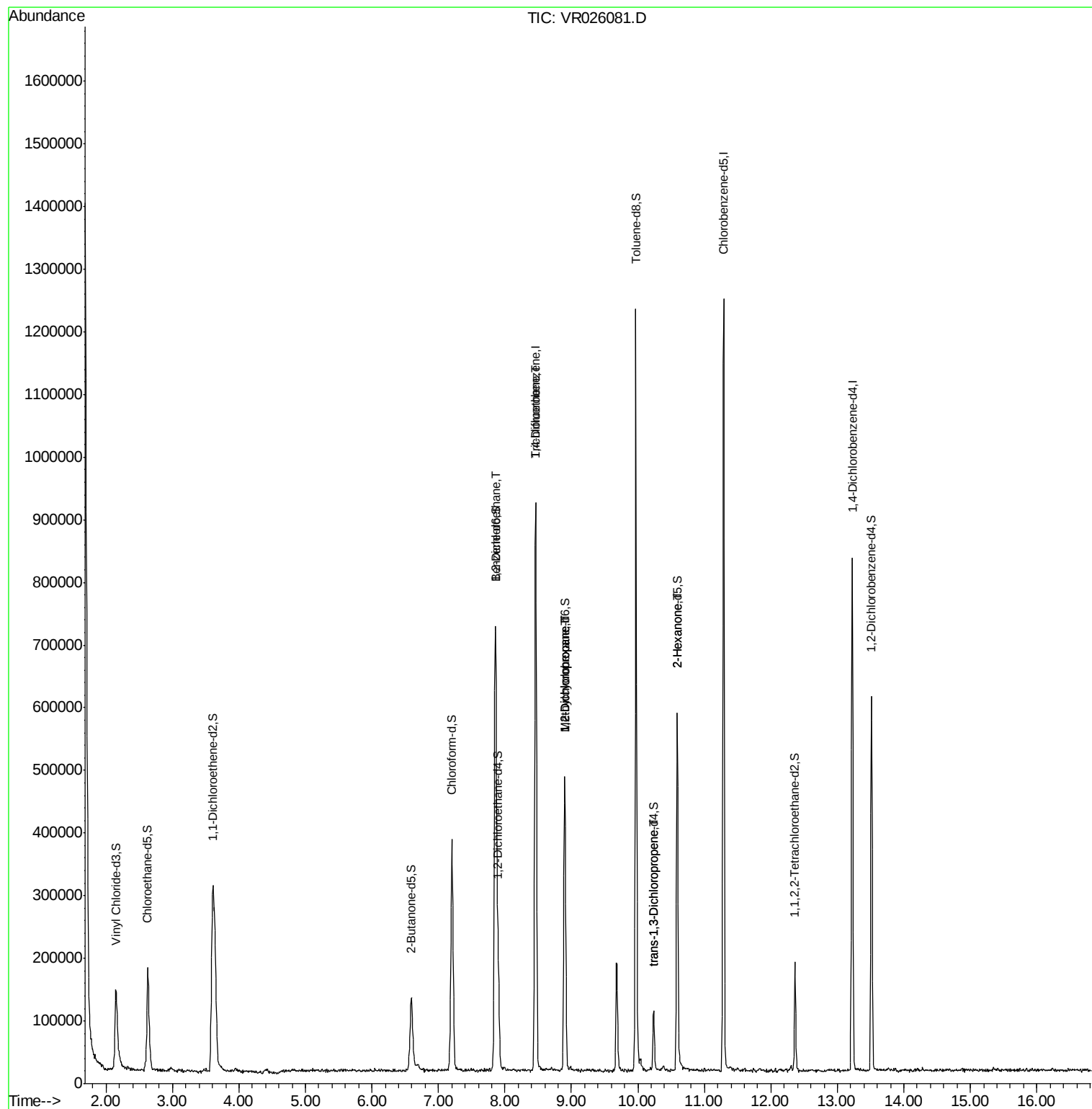
					Ovalue
27) 1,2-Dichloroethane	7.85	62	4869	0.121 ug/L	97
34) Trichloroethene	8.46	95	19652	0.395 ug/L #	9
35) Methylcyclohexane	8.90	83	44426	0.600 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	23686	0.578 ug/L #	98
44) trans-1,3-Dichloropropene	10.23	75	3193	0.097 ug/L	97
48) 2-Hexanone	10.59	43	26003	3.182 ug/L #	69

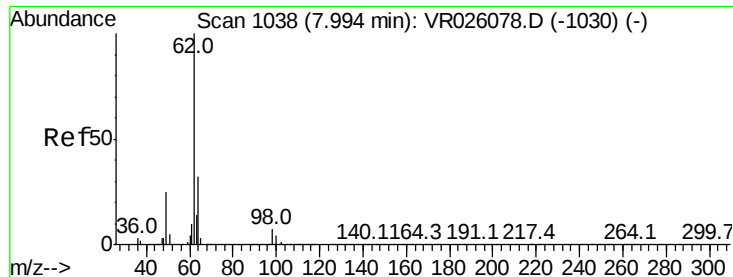
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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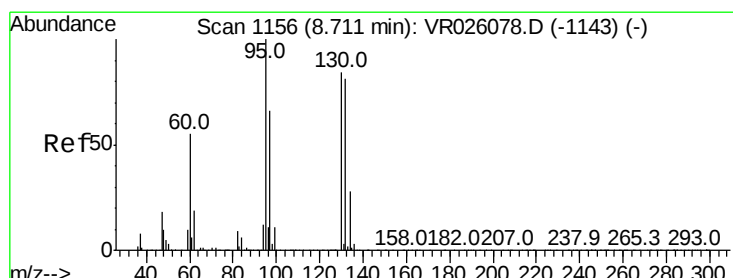
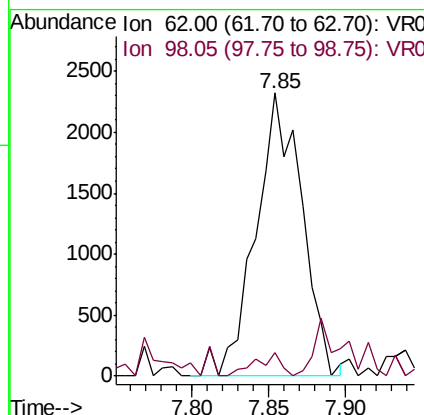
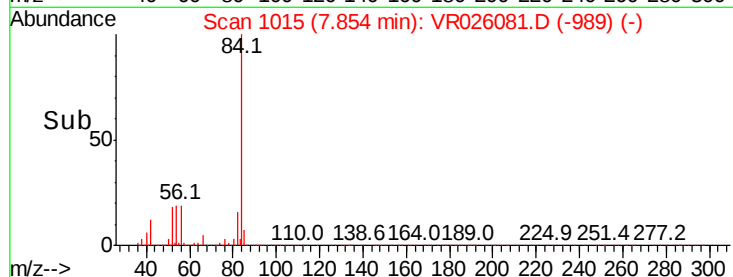
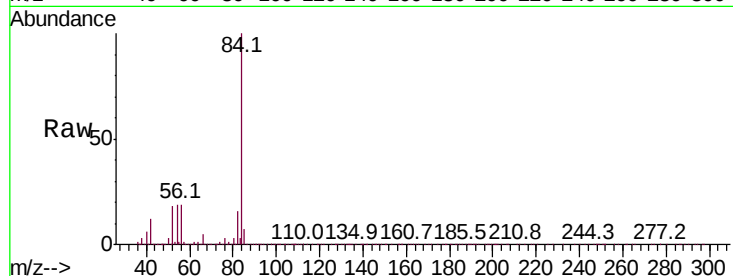




#27
 1,2-Dichloroethane
 Concen: 0.121 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
 Lab File: VR026081.D
 Acq: 15 Oct 2018 20:09

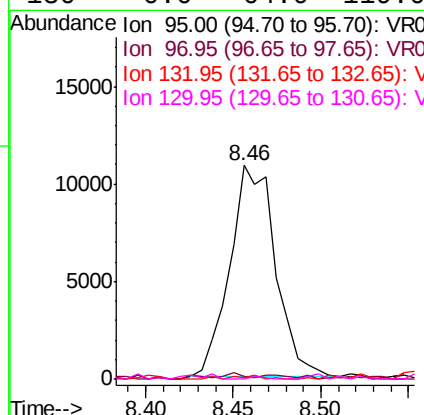
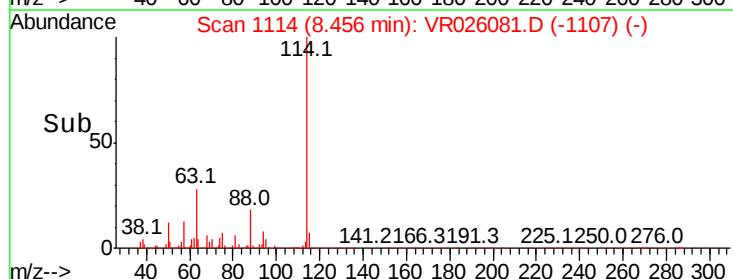
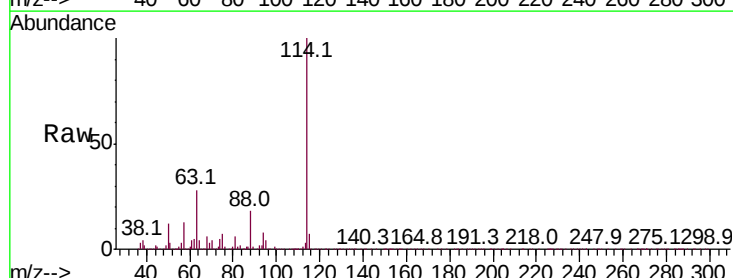
Instrument :
 MSVOA_R
 ClientSampleID :

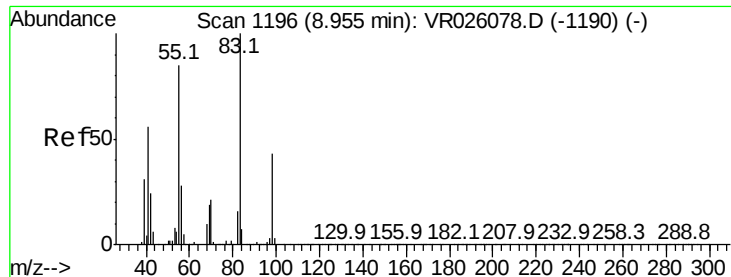
Tot Ion: 62 Resp: 4869
 Ion Ratio Lower Upper
 62 100
 98 8.2 5.6 8.4



#34
 Trichloroethene
 Concen: 0.395 ug/L
 RT: 8.46 min Scan# 1114
 Delta R.T. -0.26 min
 Lab File: VR026081.D
 Acq: 15 Oct 2018 20:09

Tgt Ion: 95 Resp: 19652
 Ion Ratio Lower Upper
 95 100
 97 1.0 45.7 84.9#
 132 0.5 58.3 108.3#
 130 0.0 64.0 119.0#

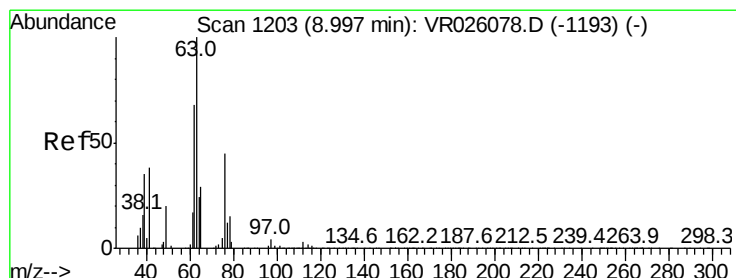
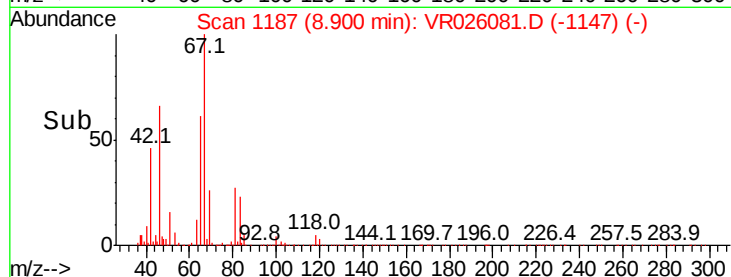
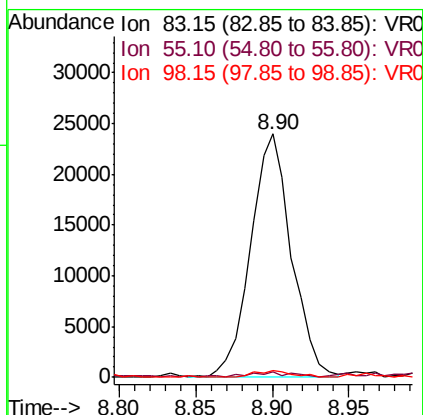
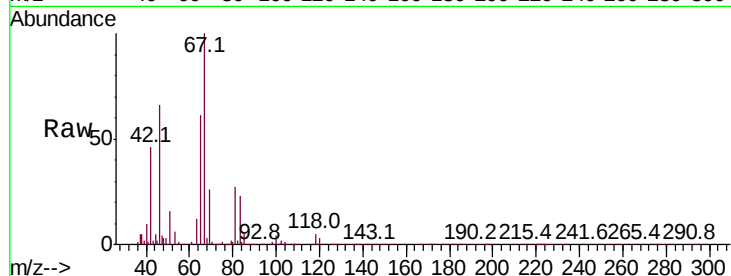




#35
Methvlcvclohexane
Concen: 0.600 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026081.D
Acq: 15 Oct 2018 20:09

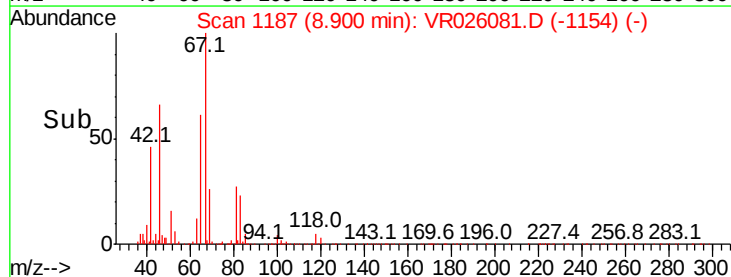
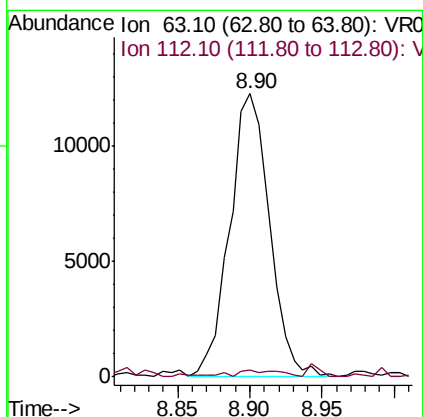
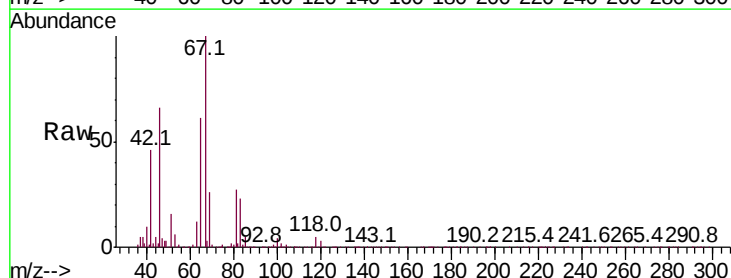
Instrument :
MSVOA_R
ClientSampleId :

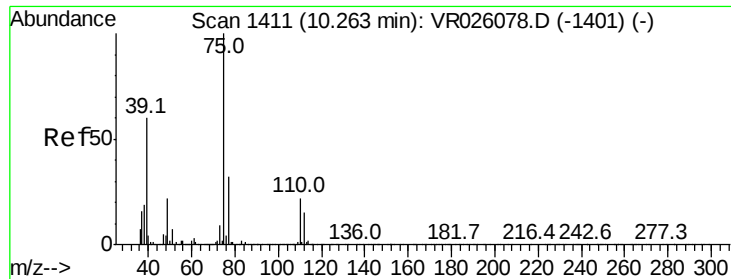
Tot Ion: 83 Resp: 44426
Ion Ratio Lower Upper
83 100
55 2.3 66.8 100.2#
98 2.5 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026081.D
Acq: 15 Oct 2018 20:09

Tgt Ion: 63 Resp: 23686
Ion Ratio Lower Upper
63 100
112 2.6 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026081.D

Acq: 15 Oct 2018 20:09

Instrument :

MSVOA_R

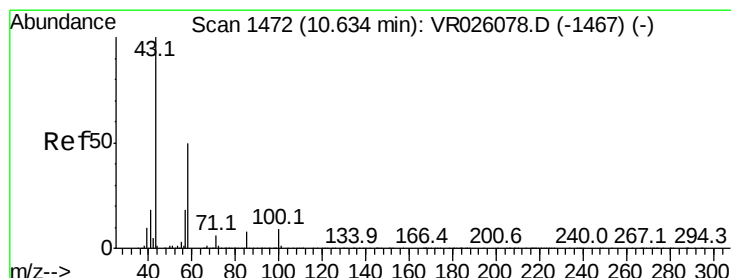
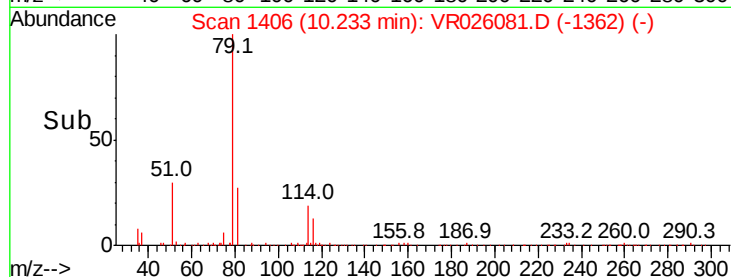
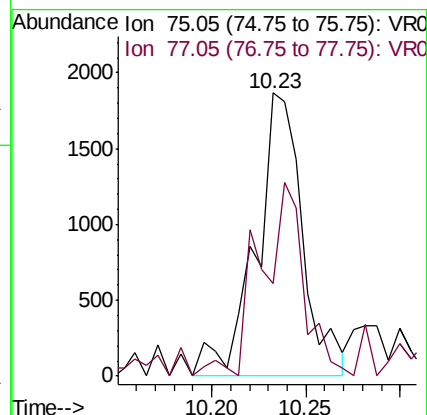
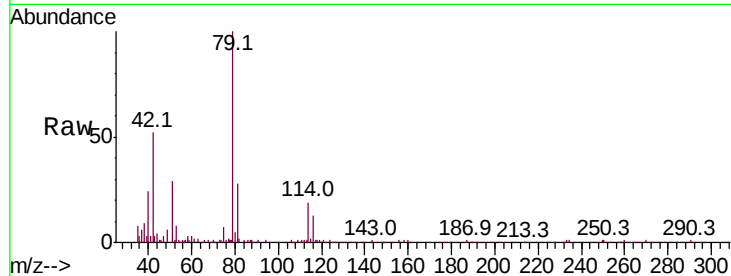
ClientSampleId :

Tot Ion: 75 Resp: 3193

Ion Ratio Lower Upper

75 100

77 32.7 24.1 44.7



#48

2-Hexanone

Concen: 3.182 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026081.D

Acq: 15 Oct 2018 20:09

Tgt Ion: 43 Resp: 26003

Ion Ratio Lower Upper

43 100

58 24.0 39.6 59.4#

57 27.9 14.0 21.0#

100 4.7 7.0 10.6#

