

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026286.D
 Acq On : 21 Dec 2018 17:53
 Operator : SY/MD
 Sample : J6468-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:27:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	509319	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	426998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	159089	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	2.63	69	168379	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	3.61	63	333264	3.64	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	6.59	46	179532	62.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.74%
24) Chloroform-d	7.20	84	362462	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	7.90	65	144280	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	7.85	84	686637	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.90	67	181512	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	9.97	98	605312	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	10.24	79	42195	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	10.59	63	121658	63.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70993	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	123694	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

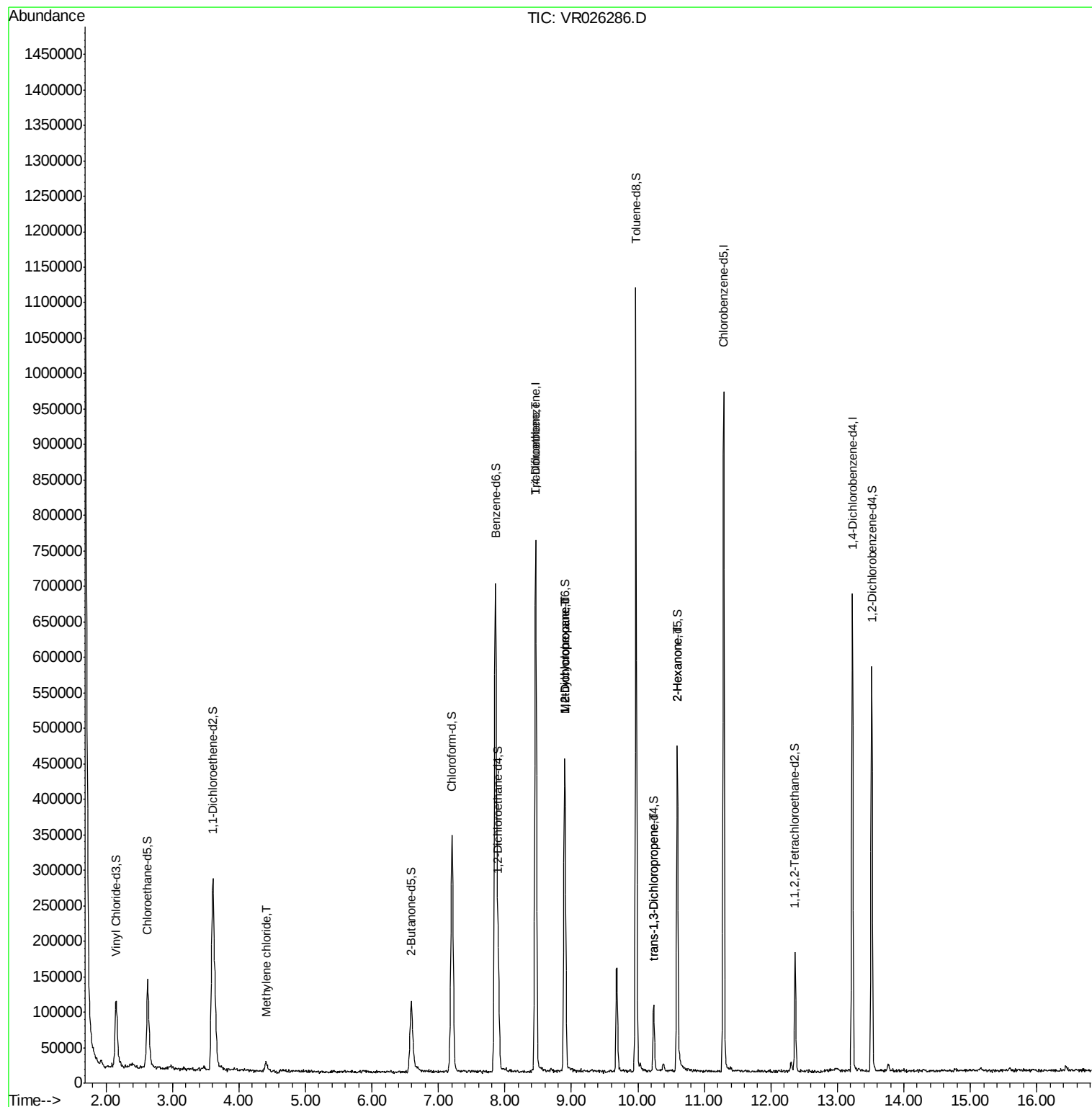
					Ovalue
16) Methylene chloride	4.40	84	9151	0.235 ug/L #	65
34) Trichloroethene	8.46	95	17132	0.387 ug/L #	10
35) Methylcyclohexane	8.90	83	44703	0.696 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23314	0.677 ug/L #	90
44) trans-1,3-Dichloropropene	10.24	75	2737	0.102 ug/L	99
48) 2-Hexanone	10.59	43	21419	4.012 ug/L #	72

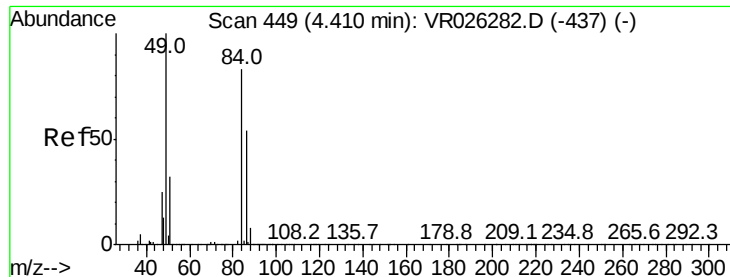
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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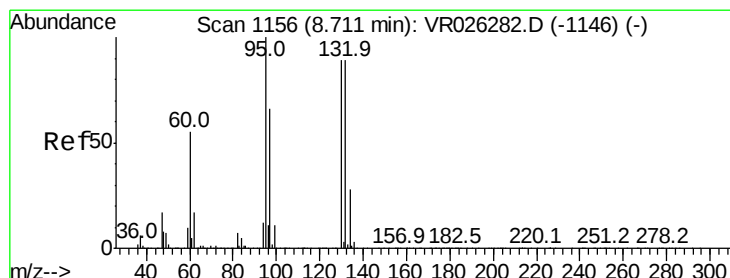
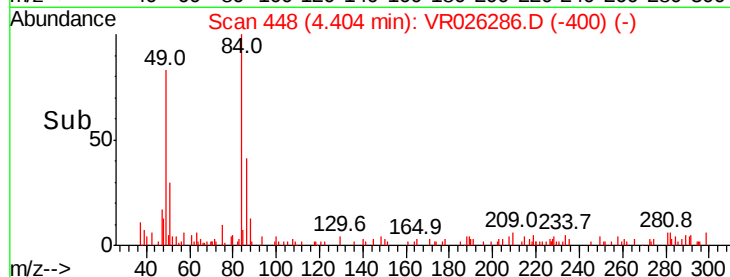
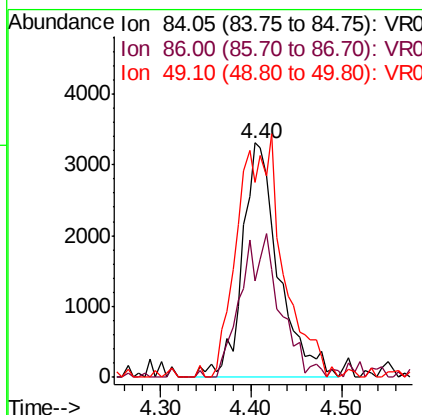
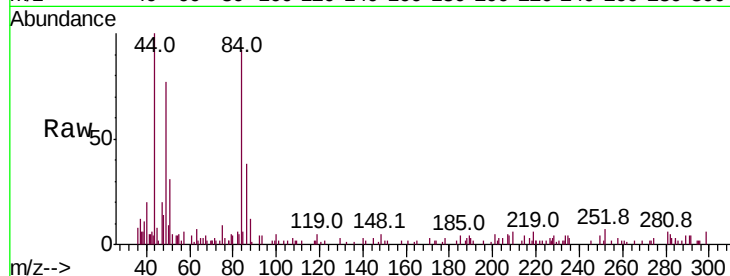




#16
Methvlene chloride
Concen: 0.235 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR026286.D
Acq: 21 Dec 2018 17:53

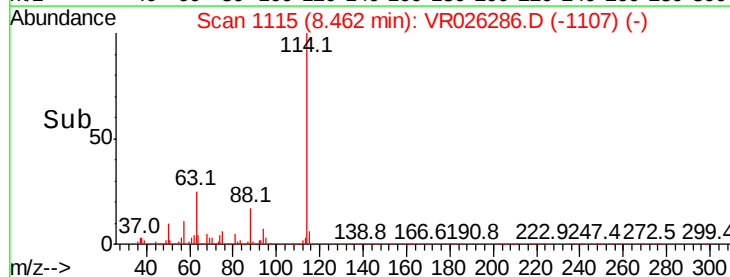
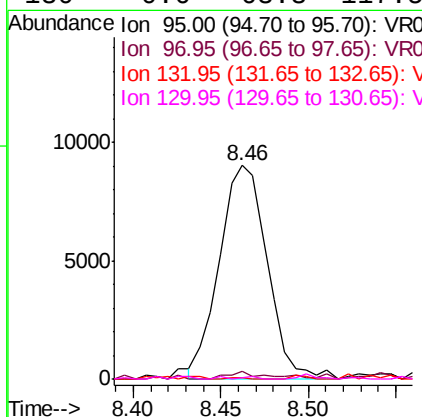
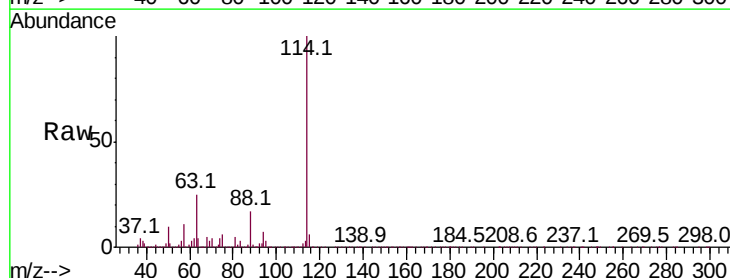
Instrument :
MSVOA_R
ClientSampled :

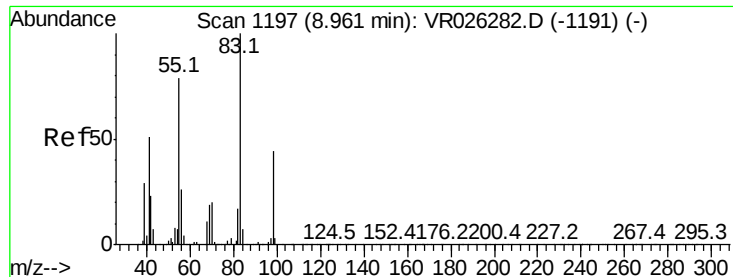
Tot Ion: 84 Resp: 9151
Ion Ratio Lower Upper
84 100
86 41.0 45.8 85.0#
49 83.4 88.7 164.7#



#34
Trichloroethene
Concen: 0.387 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026286.D
Acq: 21 Dec 2018 17:53

Tgt Ion: 95 Resp: 17132
Ion Ratio Lower Upper
95 100
97 3.6 44.8 83.2#
132 0.6 61.7 114.5#
130 0.6 63.3 117.5#

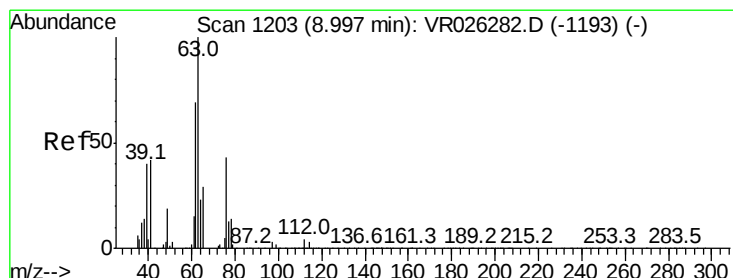
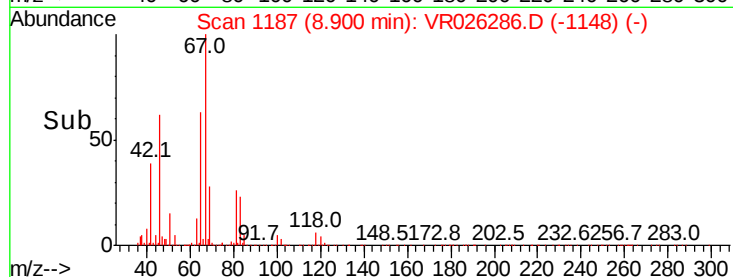
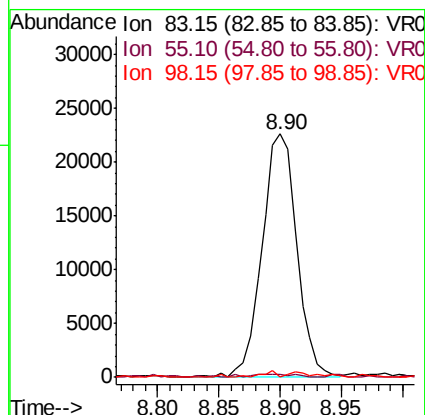
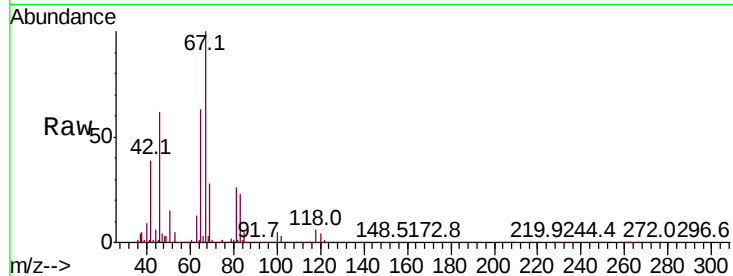




#35
Methvlcvclohexane
Concen: 0.696 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026286.D
Acq: 21 Dec 2018 17:53

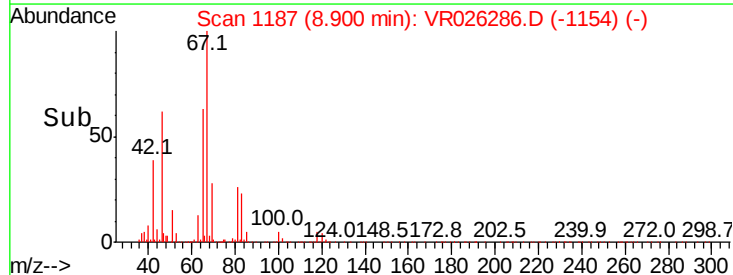
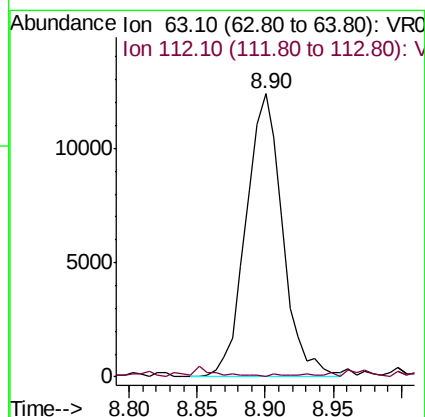
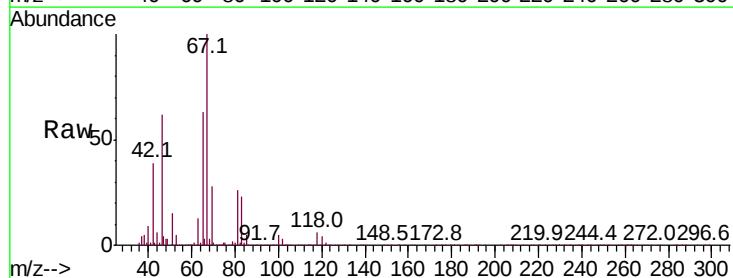
Instrument :
MSVOA_R
ClientSampleId :

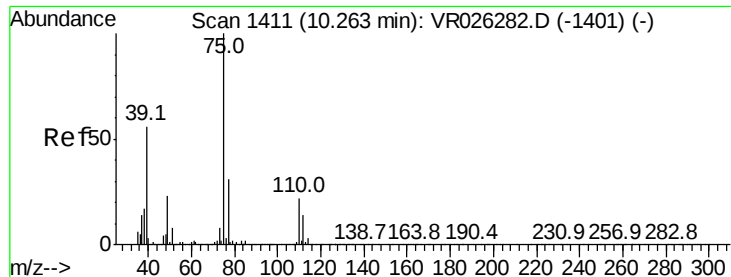
Tot Ion: 83 Resp: 44703
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026286.D
Acq: 21 Dec 2018 17:53

Tgt Ion: 63 Resp: 23314
Ion Ratio Lower Upper
63 100
112 0.6 3.0 4.6#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR026286.D

Acq: 21 Dec 2018 17:53

Instrument :

MSVOA_R

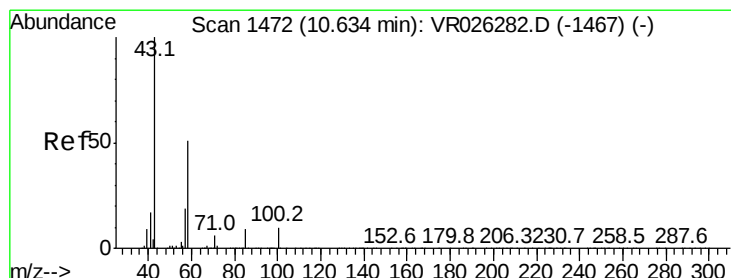
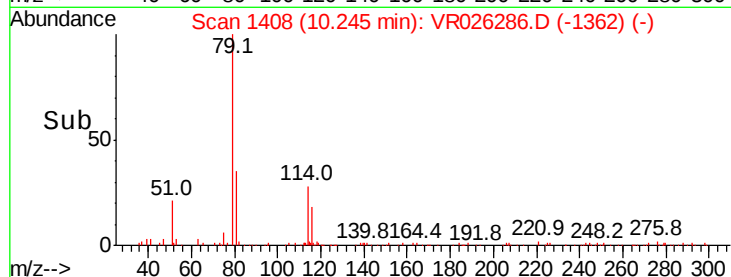
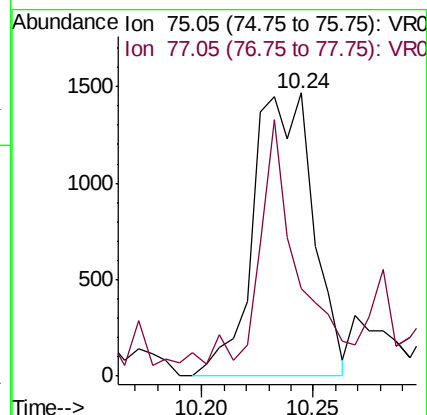
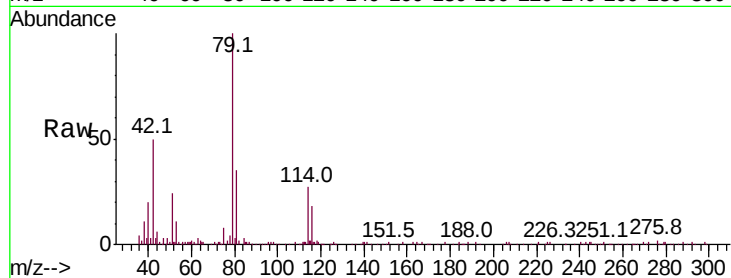
ClientSampleId :

Tot Ion: 75 Resp: 2737

Ion Ratio Lower Upper

75 100

77 30.9 21.2 39.4



#48

2-Hexanone

Concen: 4.012 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026286.D

Acq: 21 Dec 2018 17:53

Tgt Ion: 43 Resp: 21419

Ion Ratio Lower Upper

43 100

58 28.1 40.5 60.7#

57 28.3 14.2 21.4#

100 4.1 7.5 11.3#

