

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026284.D
 Acq On : 21 Dec 2018 16:47
 Operator : SY/MD
 Sample : J6468-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:27:24 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	575785	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	459847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	154597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	128312	3.50	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	2.63	69	130808	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.00%
11) 1,1-Dichloroethene-d2	3.61	63	258913	2.50	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	6.59	46	136440	41.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	7.20	84	273782	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
26) 1,2-Dichloroethane-d4	7.90	65	105374	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
32) Benzene-d6	7.85	84	536048	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	8.90	67	134861	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.80%
41) Toluene-d8	9.97	98	451816	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	10.23	79	29475	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	10.59	63	75876	36.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52193	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	91477	3.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.20%#

Target Compounds

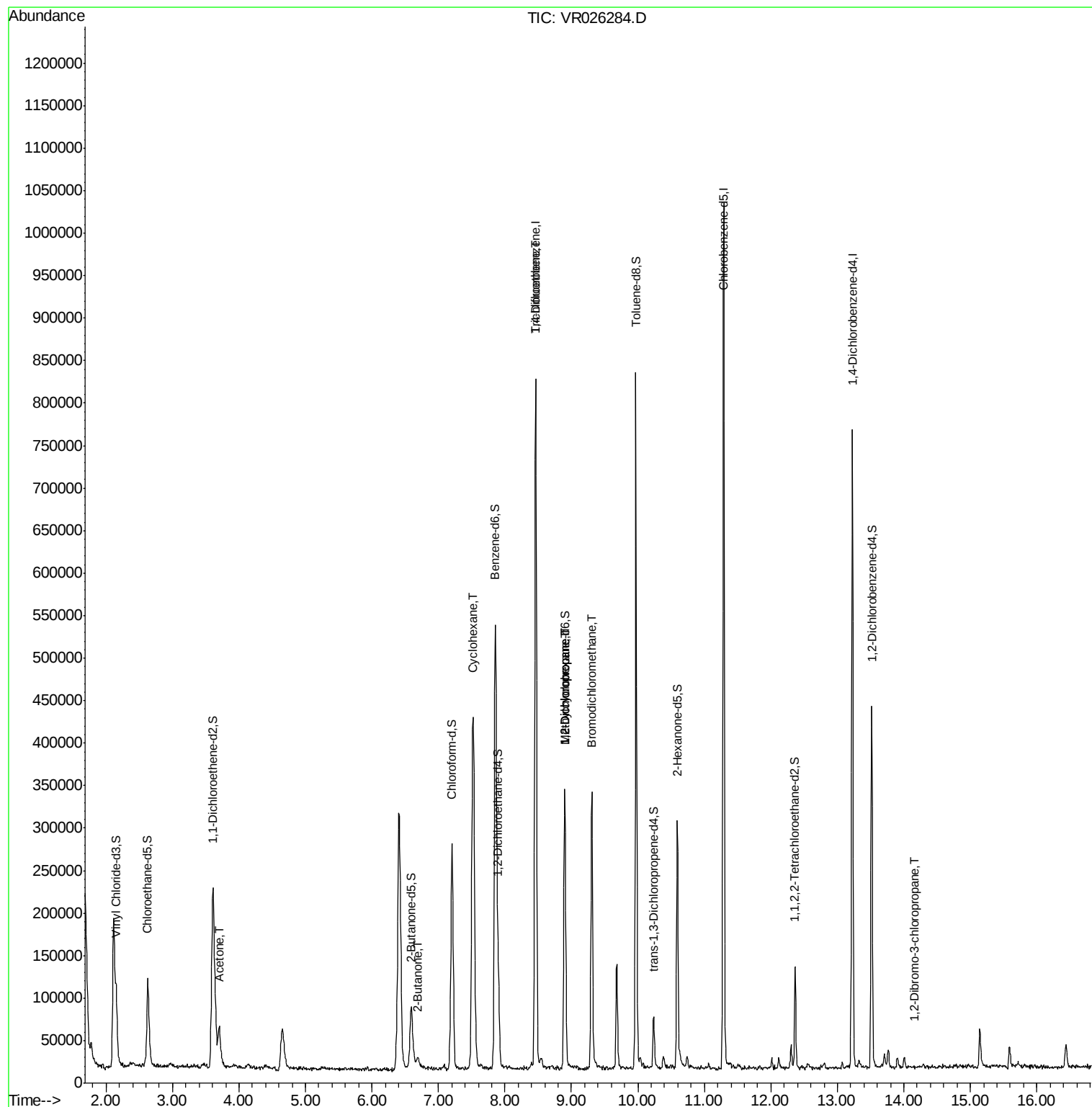
					Ovalue
13) Acetone	3.70	43	83617	25.227	ug/L 95
21) 2-Butanone	6.69	43	9779	2.488	ug/L 83
30) Cyclohexane	7.52	56	226596	3.395	ug/L 99
34) Trichloroethene	8.46	95	18508	0.388	ug/L # 9
35) Methylcyclohexane	8.90	83	33188	0.480	ug/L # 17
37) 1,2-Dichloropropane	8.90	63	17563	0.474	ug/L # 94
38) Bromodichloromethane	9.30	83	6166	0.147	ug/L # 1
66) 1,2-Dibromo-3-chloropropan	14.15	75	381	0.262	ug/L # 44

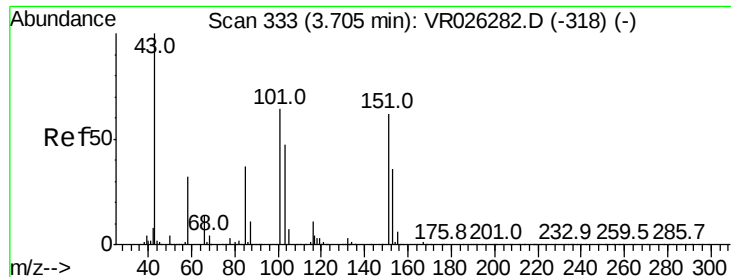
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 21 22:24:46 2018
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#13

Acetone

Concen: 25.227 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR026284.D

Acq: 21 Dec 2018 16:47

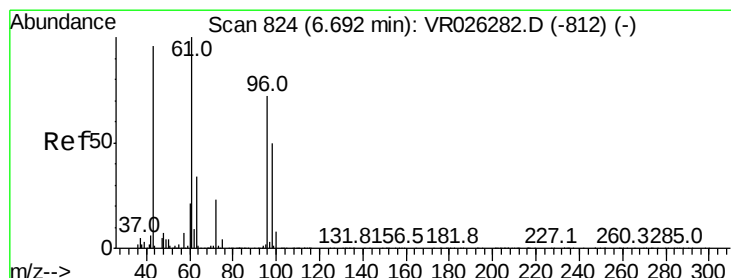
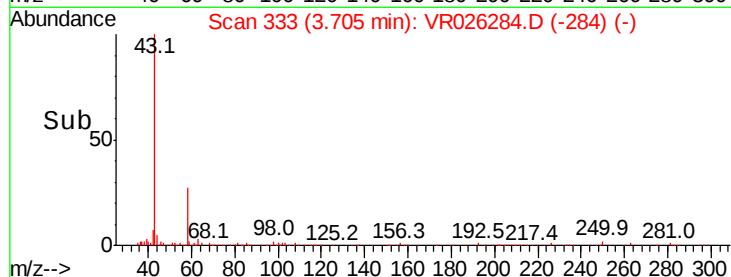
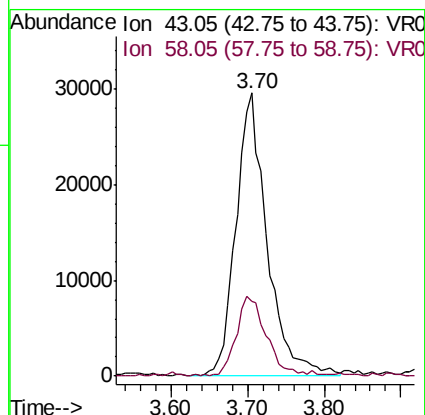
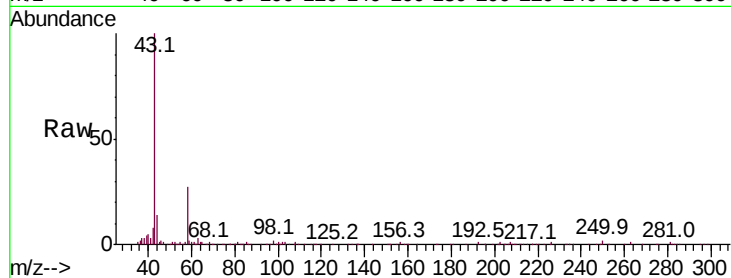
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 83617

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.8



#21

2-Butanone

Concen: 2.488 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR026284.D

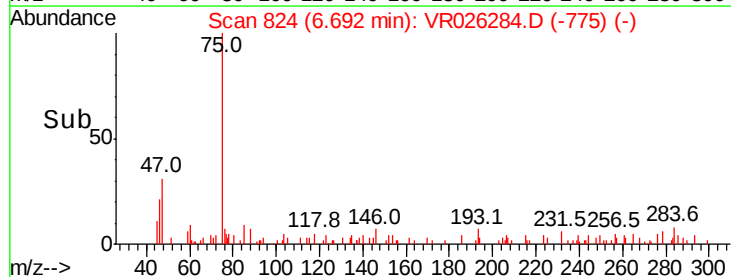
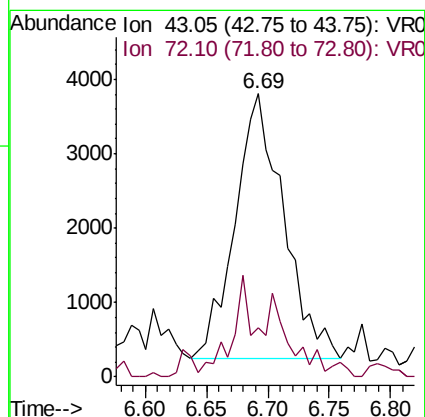
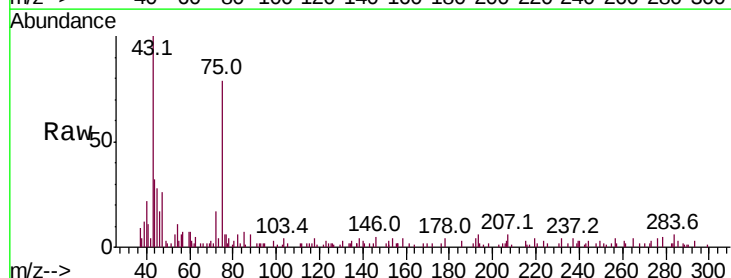
Acq: 21 Dec 2018 16:47

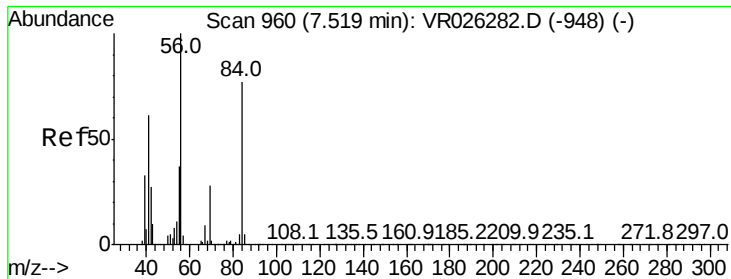
Tgt Ion: 43 Resp: 9779

Ion Ratio Lower Upper

43 100

72 15.2 11.9 35.5

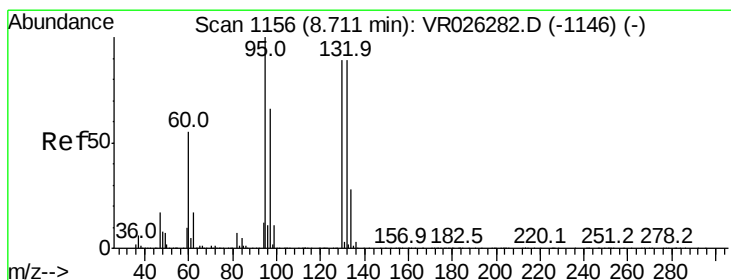
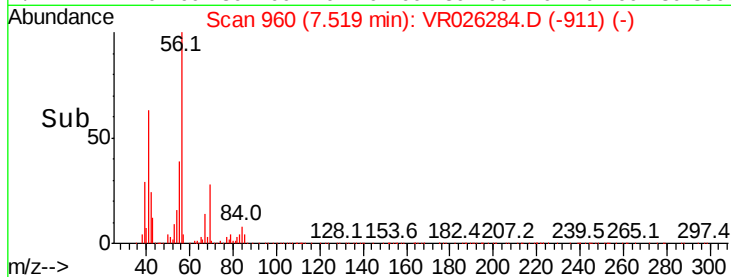
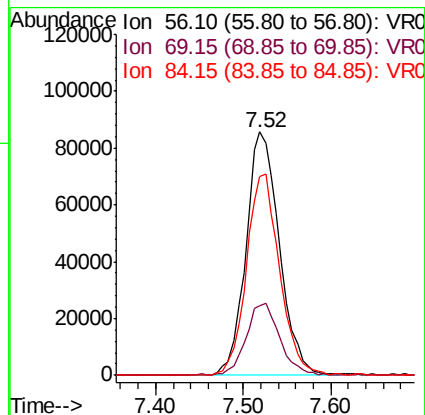
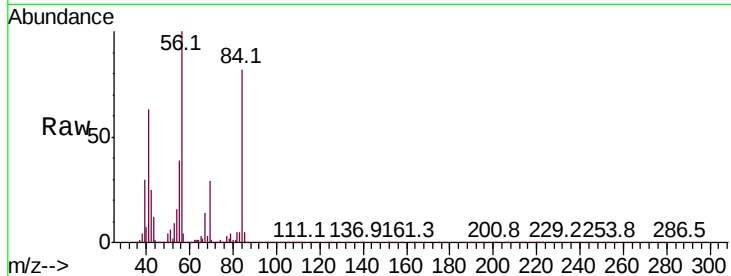




#30
Cvclohexane
Concen: 3.395 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026284.D
Acq: 21 Dec 2018 16:47

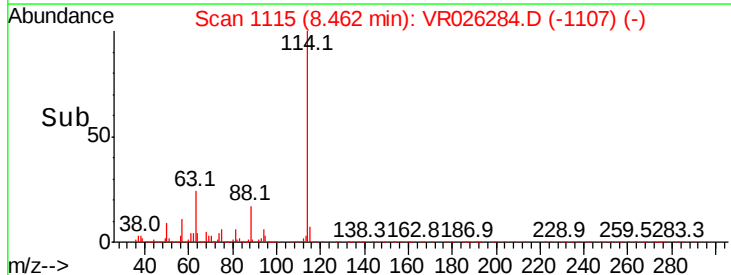
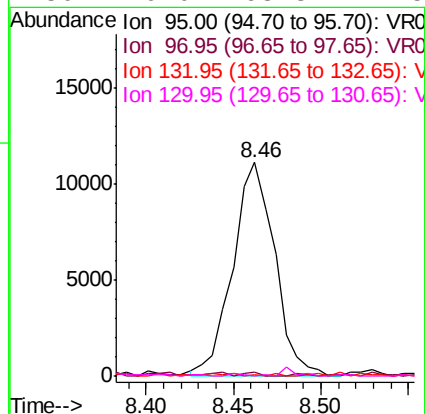
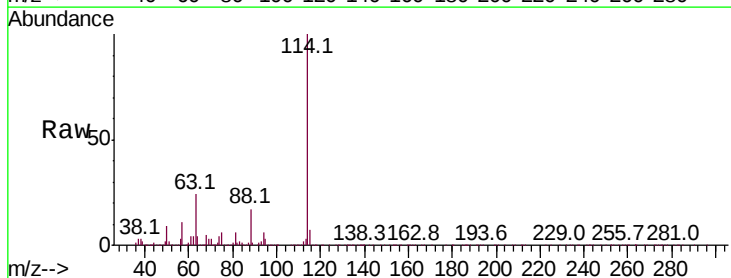
Instrument :
MSVOA_R
ClientSampleId :

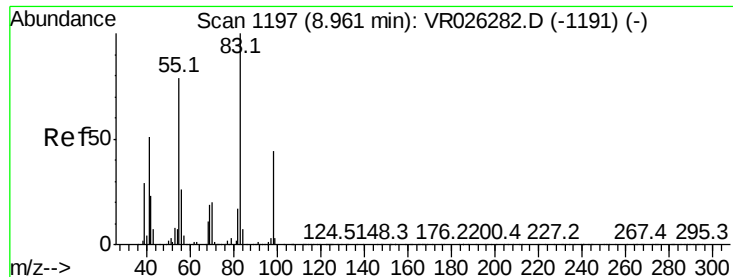
Tot Ion	56	Ratio	Lower	Upper
56	100			
69	30.0	24.0	36.0	
84	82.2	64.5	96.7	



#34
Trichloroethene
Concen: 0.388 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026284.D
Acq: 21 Dec 2018 16:47

Tgt Ion	95	Ratio	Lower	Upper
95	100			
97	1.7	44.8	83.2#	
132	0.6	61.7	114.5#	
130	0.0	63.3	117.5#	

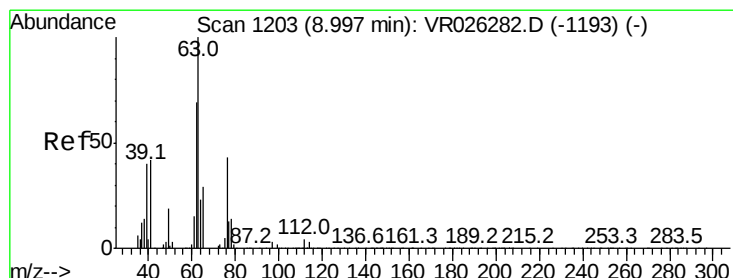
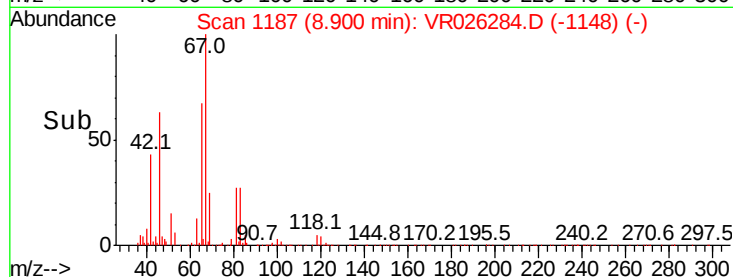
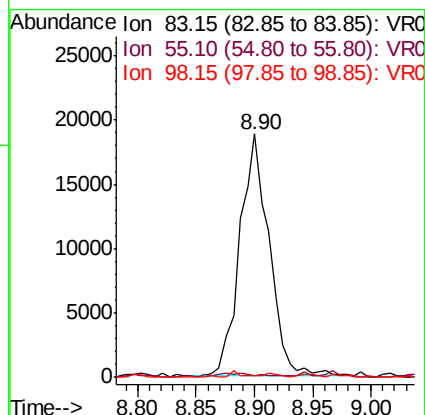
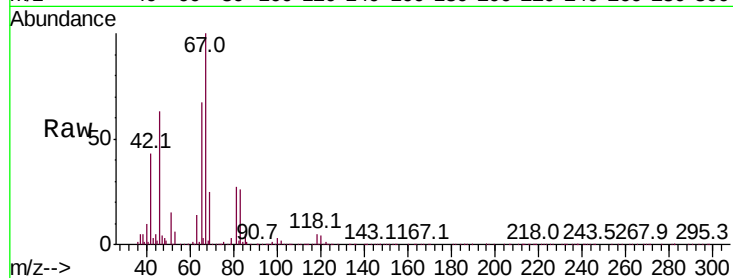




#35
Methvlcvclohexane
Concen: 0.480 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026284.D
Acq: 21 Dec 2018 16:47

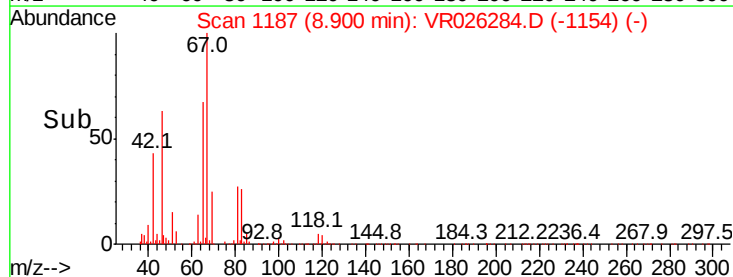
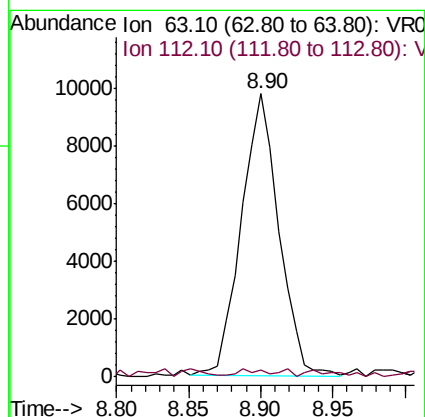
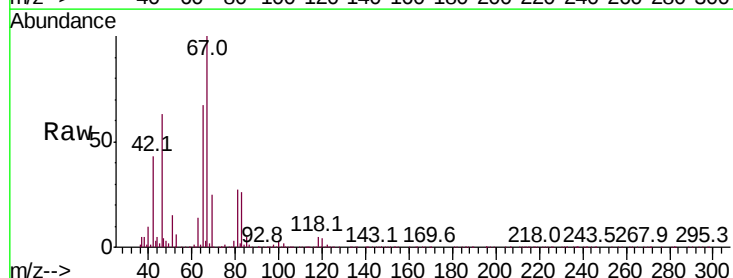
Instrument :
MSVOA_R
ClientSampleId :

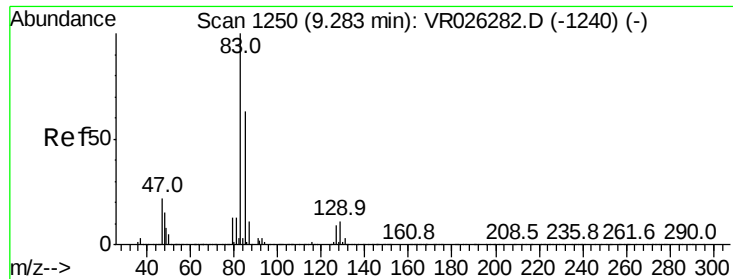
Tot Ion: 83 Resp: 33188
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.9 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026284.D
Acq: 21 Dec 2018 16:47

Tgt Ion: 63 Resp: 17563
Ion Ratio Lower Upper
63 100
112 2.0 3.0 4.6#





#38

Bromodichloromethane

Concen: 0.147 ug/L

RT: 9.30 min Scan# 1253

Delta R.T. 0.02 min

Lab File: VR026284.D

Acq: 21 Dec 2018 16:47

Instrument :

MSVOA_R

ClientSampleId :

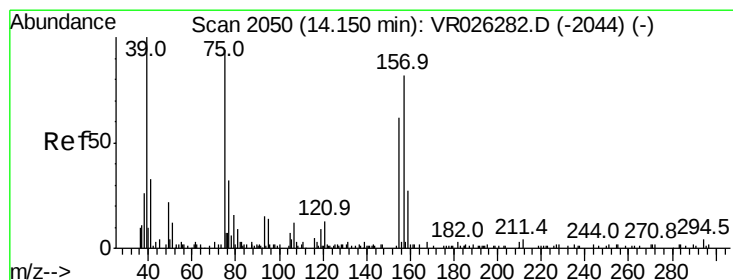
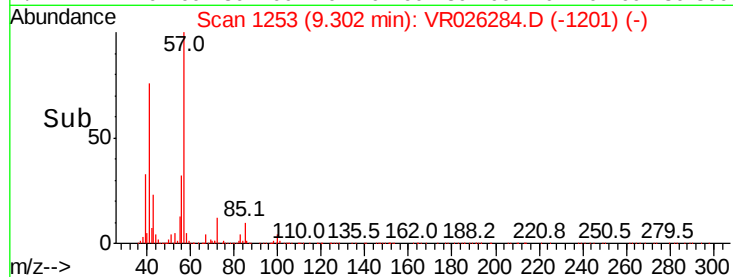
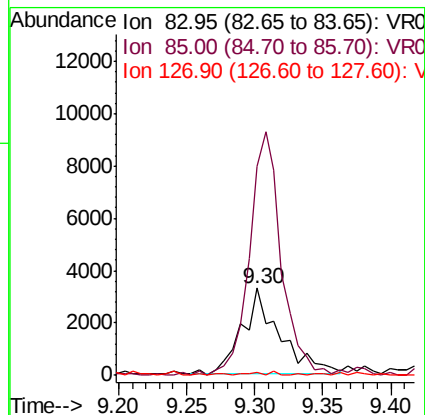
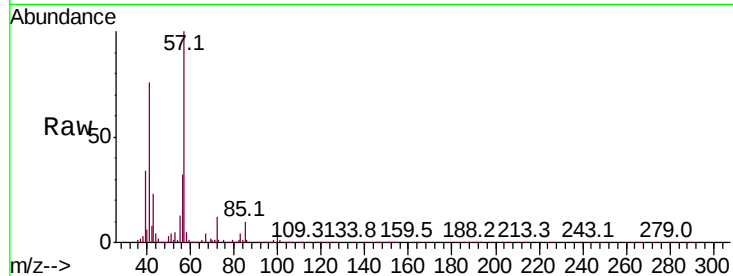
Tot Ion: 83 Resp: 6166

Ion Ratio Lower Upper

83 100

85 239.1 44.0 81.6#

127 2.9 6.6 9.8#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.262 ug/L

RT: 14.15 min Scan# 2050

Delta R.T. 0.00 min

Lab File: VR026284.D

Acq: 21 Dec 2018 16:47

Tgt Ion: 75 Resp: 381

Ion Ratio Lower Upper

75 100

155 57.1 44.4 66.6

157 0.0 66.3 99.5#

