

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026059.D
 Acq On : 12 Oct 2018 13:50
 Operator : SY/MD
 Sample : J5315-14DL 5X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:55:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	469368	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	397361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179811	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	2.63	69	171209	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	3.63	63	312069	3.59	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	6.59	46	247321	59.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	7.20	84	325289	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	7.90	65	149258	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	7.85	84	594778	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	175201	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	524868	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	37645	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	10.59	63	189622	61.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75006	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	111641	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

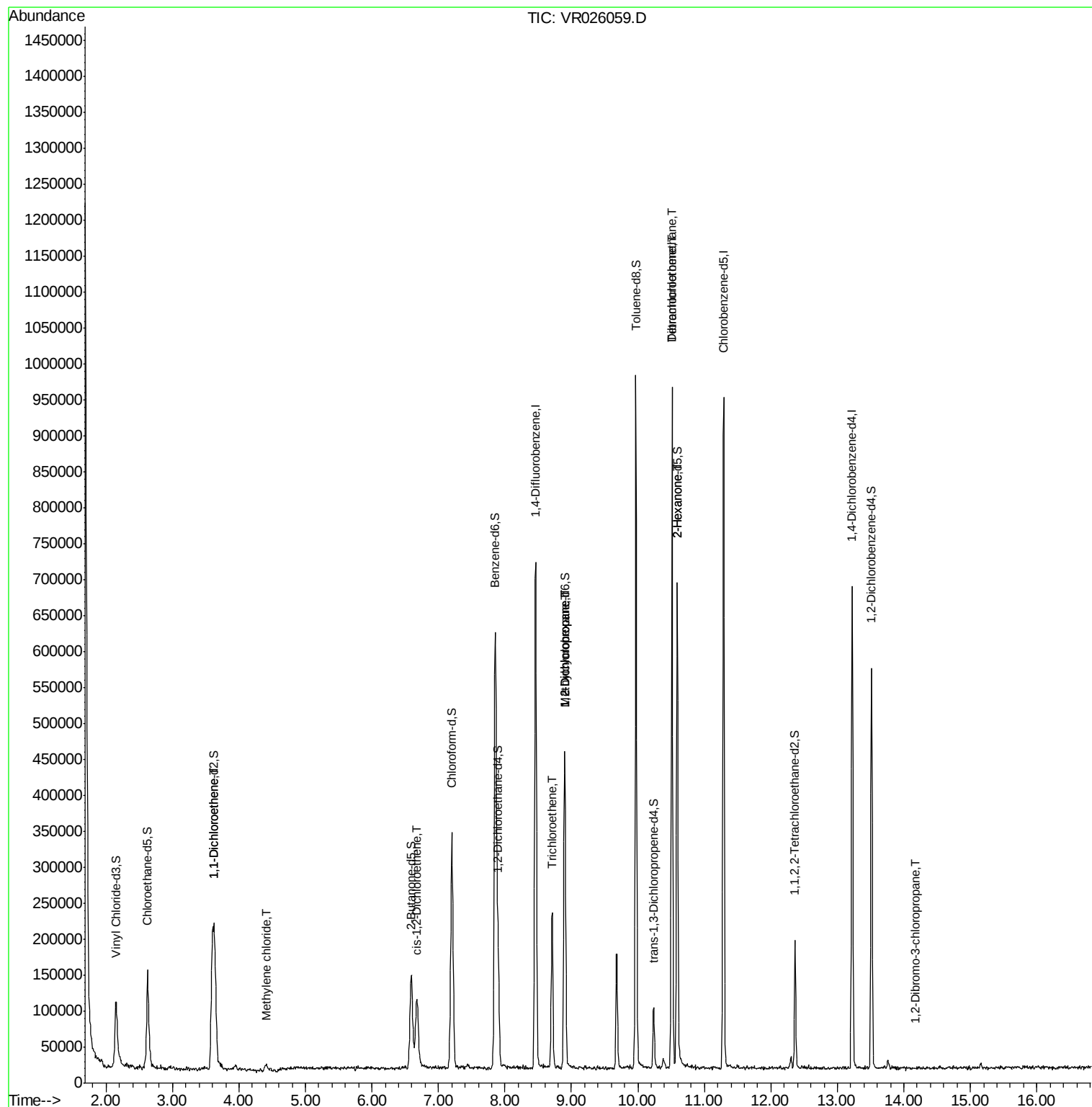
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.63	96	6876	0.194	ug/L #	1
16) Methylene chloride	4.40	84	5091	0.156	ug/L	92
22) cis-1,2-Dichloroethene	6.67	96	46646	1.582	ug/L #	89
34) Trichloroethene	8.71	95	69198	1.970	ug/L	86
35) Methylcyclohexane	8.89	83	40724	0.771	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22623	0.791	ug/L #	92
47) Tetrachloroethene	10.51	164	160391	7.412	ug/L	90
48) 2-Hexanone	10.59	43	27681	4.205	ug/L #	71
49) Dibromochloromethane	10.51	129	132776	10.116	ug/L #	11
66) 1,2-Dibromo-3-chloropropan	14.16	75	211	0.160	ug/L #	79

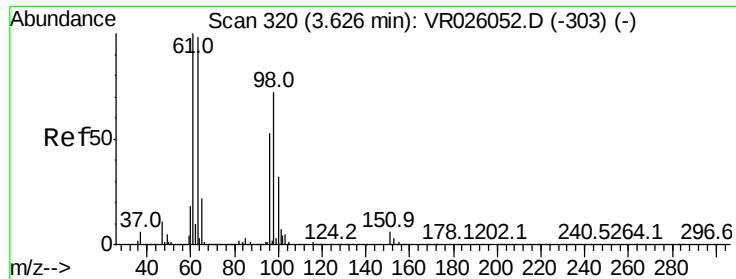
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 3.63 min Scan# 320

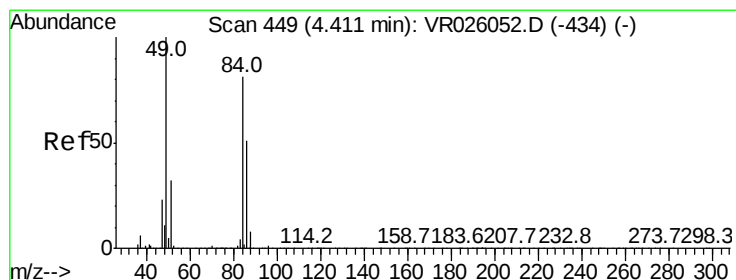
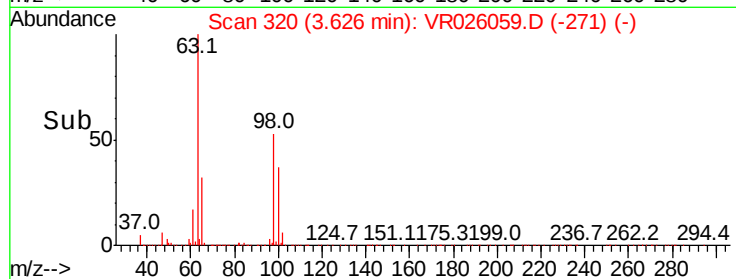
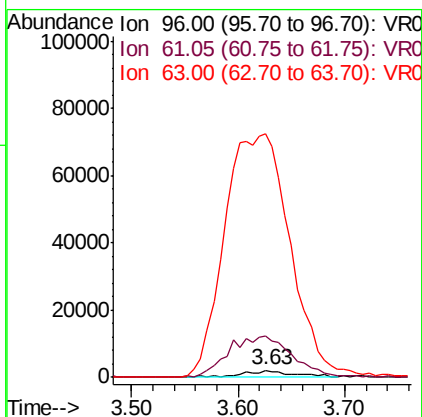
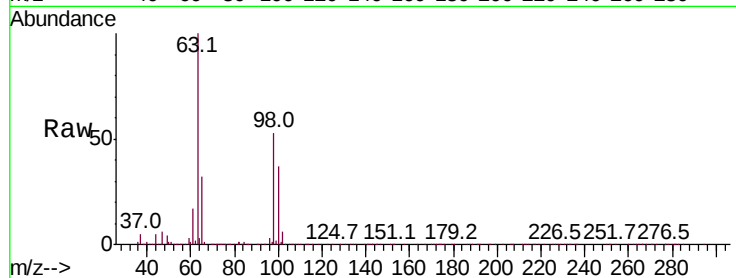
Delta R.T. -0.00 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 96 Resp: 6876
Ion Ratio Lower Upper
96 100
61 568.5 145.0 269.4#
63 3377.8 123.8 230.0#



#16

Methylene chloride

Concen: 0.156 ug/L

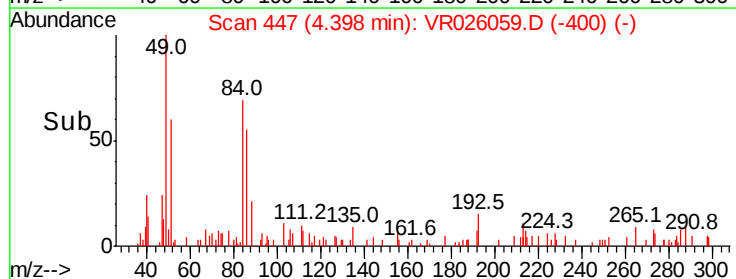
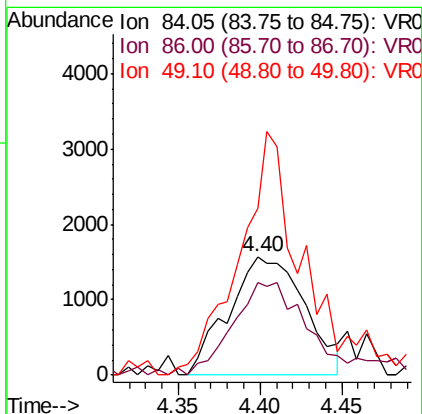
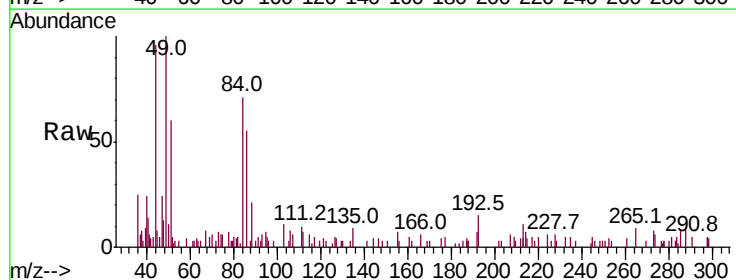
RT: 4.40 min Scan# 447

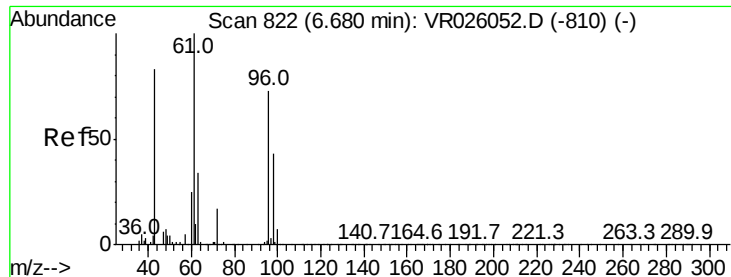
Delta R.T. -0.01 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Tgt Ion: 84 Resp: 5091
Ion Ratio Lower Upper
84 100
86 77.4 43.1 80.1
49 139.9 95.5 177.3





#22

cis-1,2-Dichloroethene

Concen: 1.582 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Instrument :
MSVOA_R
ClientSampleId :

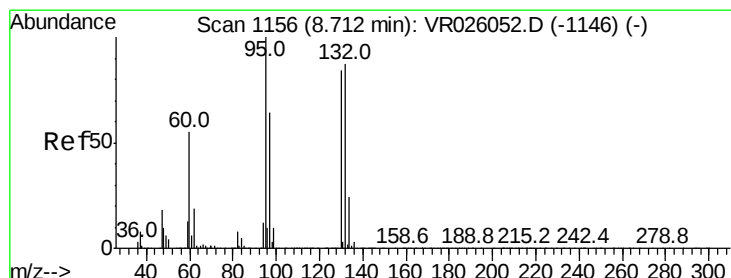
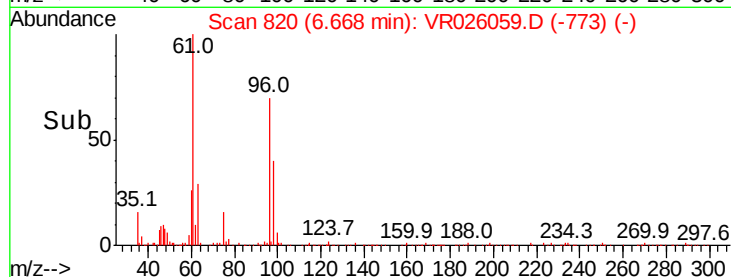
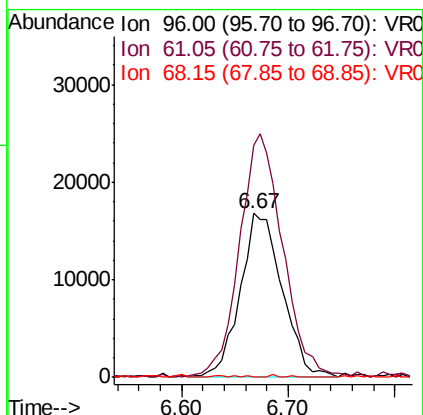
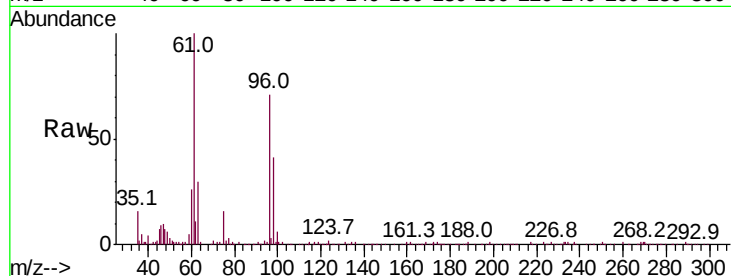
Tot Ion: 96 Resp: 46646

Ion Ratio Lower Upper

96 100

61 141.2 108.7 201.9

68 0.6 0.1 0.1#



#34

Trichloroethene

Concen: 1.970 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Tgt Ion: 95 Resp: 69198

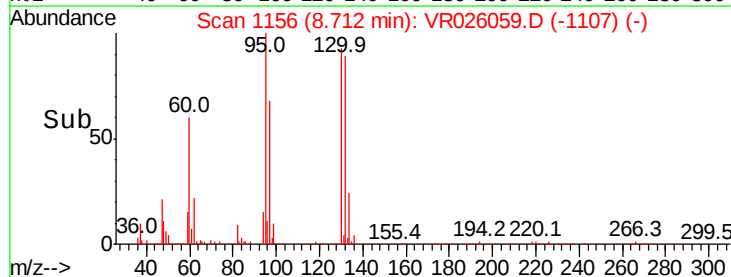
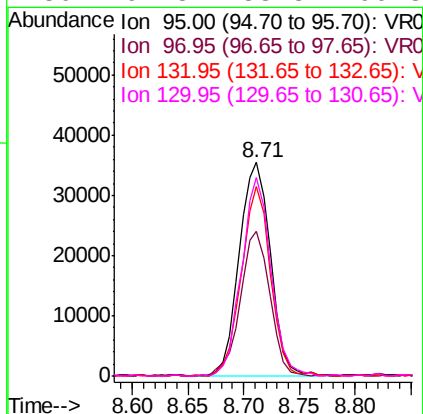
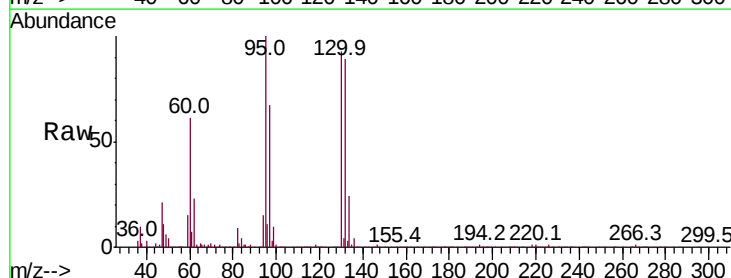
Ion Ratio Lower Upper

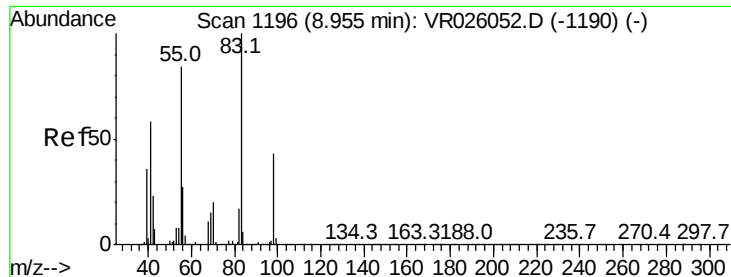
95 100

97 67.5 43.9 81.5

132 89.0 53.3 98.9

130 92.8 53.8 99.8

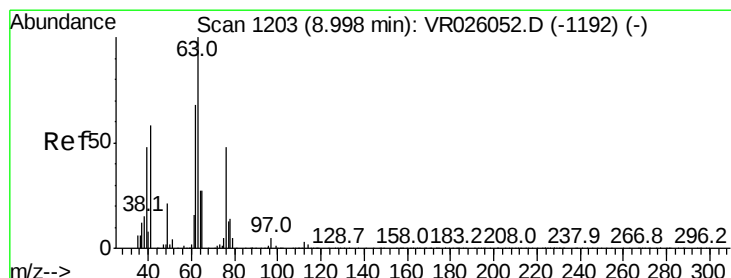
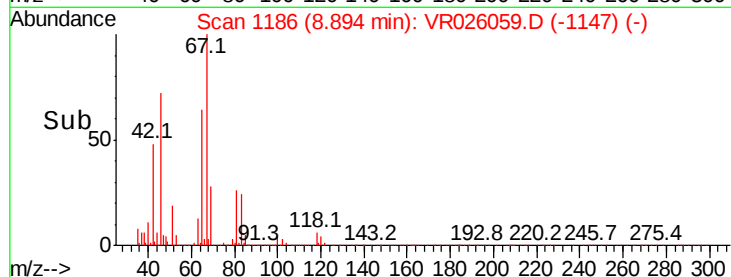
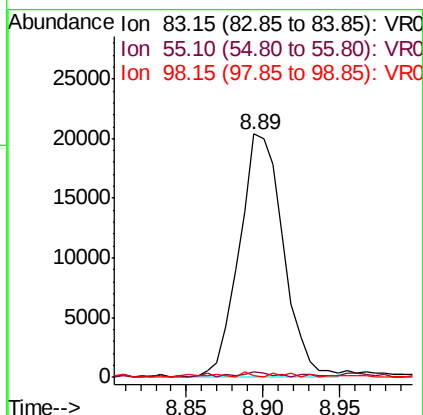
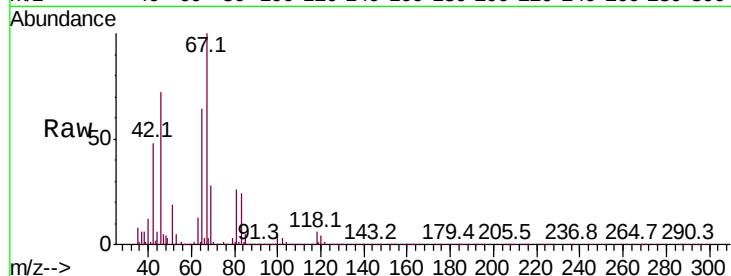




#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026059.D
Acq: 12 Oct 2018 13:50

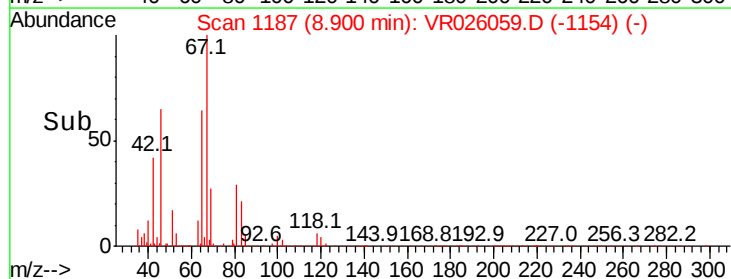
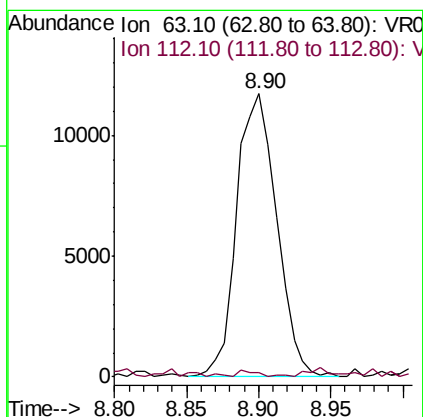
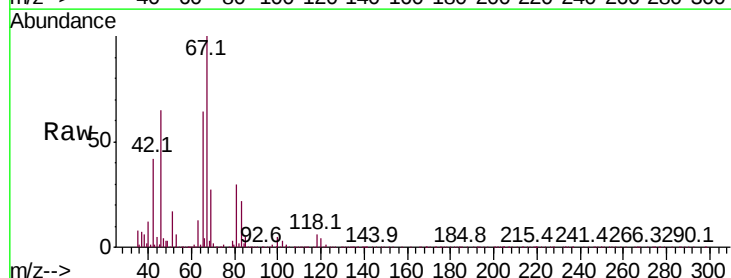
Instrument :
MSVOA_R
ClientSampleId :

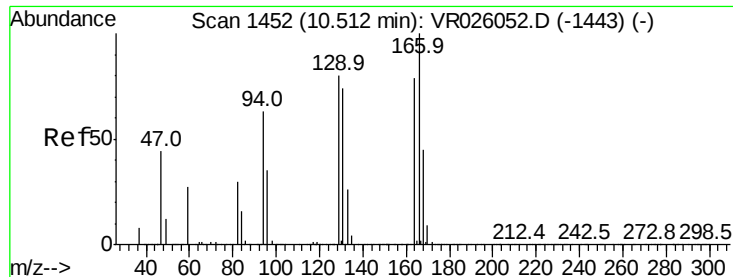
Tot Ion: 83 Resp: 40724
Ion Ratio Lower Upper
83 100
55 1.7 71.8 107.6#
98 0.6 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.791 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026059.D
Acq: 12 Oct 2018 13:50

Tgt Ion: 63 Resp: 22623
Ion Ratio Lower Upper
63 100
112 0.5 2.5 3.7#

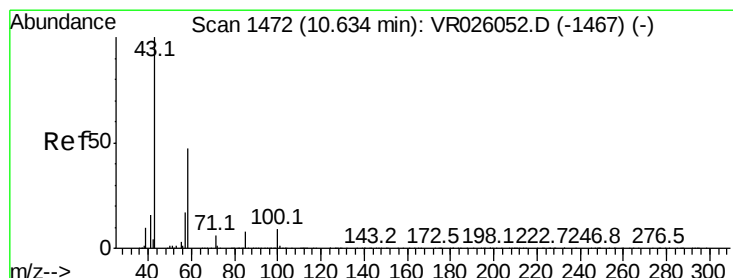
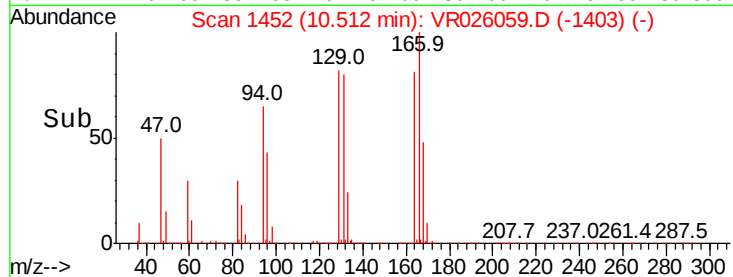
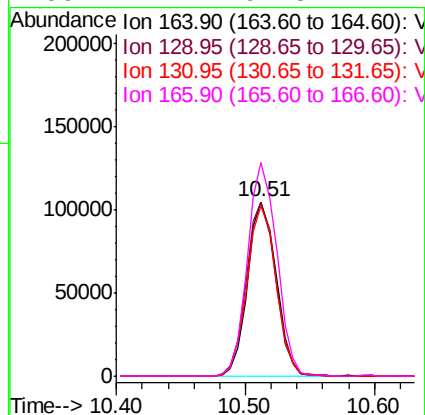
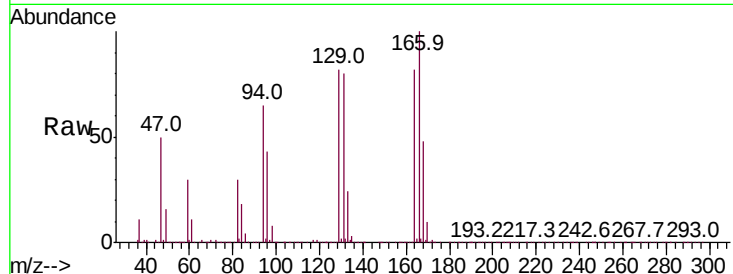




#47
Tetrachloroethene
Concen: 7.412 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026059.D
Acq: 12 Oct 2018 13:50

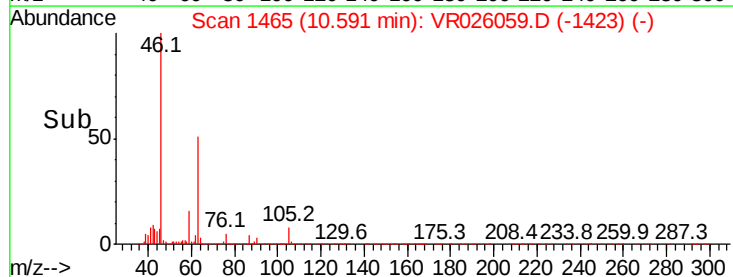
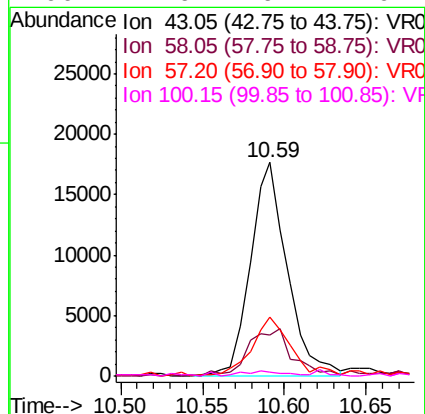
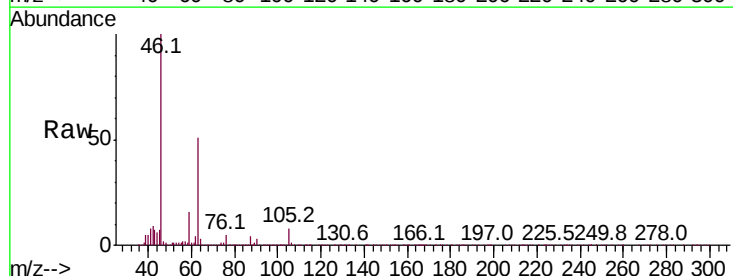
Instrument :
MSVOA_R
ClientSampleId :

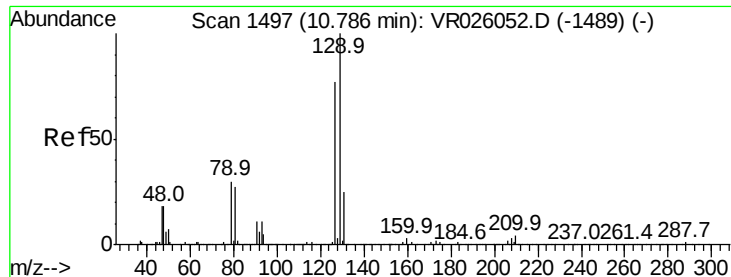
Tot Ion	Ratio	Lower	Upper
164	100		
129	100.3	80.8	150.2
131	98.0	74.5	138.3
166	122.7	92.5	171.7



#48
2-Hexanone
Concen: 4.205 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026059.D
Acq: 12 Oct 2018 13:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.2	39.5	59.3#
57	27.5	14.6	21.8#
100	2.6	6.7	10.1#





#49

Dibromochloromethane

Concen: 10.116 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.27 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Instrument :

MSVOA_R

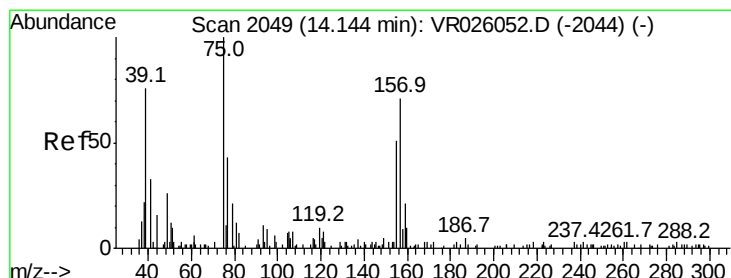
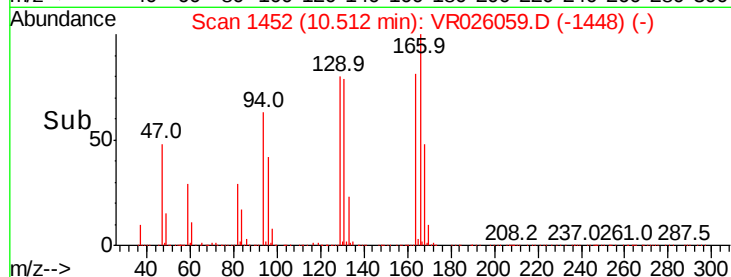
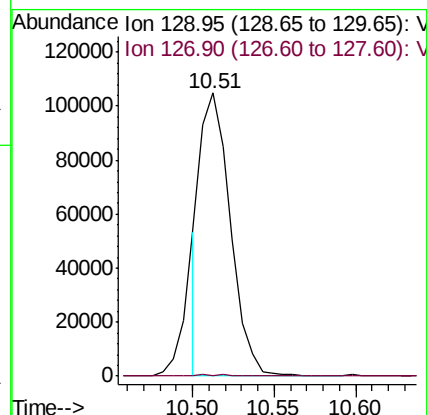
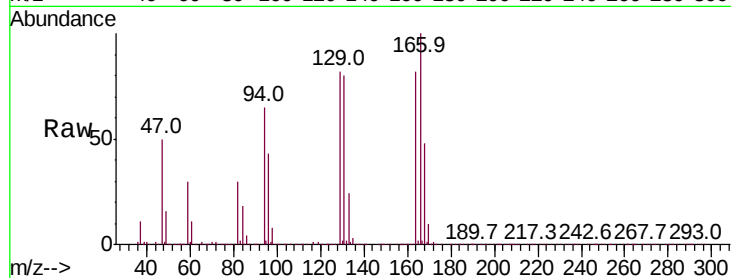
ClientSampleId :

Tot Ion:129 Resp: 132776

Ion Ratio Lower Upper

129 100

127 0.5 54.1 100.5#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.160 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.02 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

155 65.0 37.8 56.6#

157 49.7 49.7 74.5

