

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026102.D
 Acq On : 16 Oct 2018 15:28
 Operator : SY/MD
 Sample : J5379-11DL 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:52:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	524778	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	129750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	277489	6.04	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	2.63	69	221838	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	3.60	63	496274	4.40	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	6.59	46	209919	55.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	7.20	84	360561	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.89	65	148166	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	7.85	84	743866	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	8.90	67	195111	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	9.97	98	702976	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	10.24	79	46370	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	10.59	63	158731	58.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69945	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	118158	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

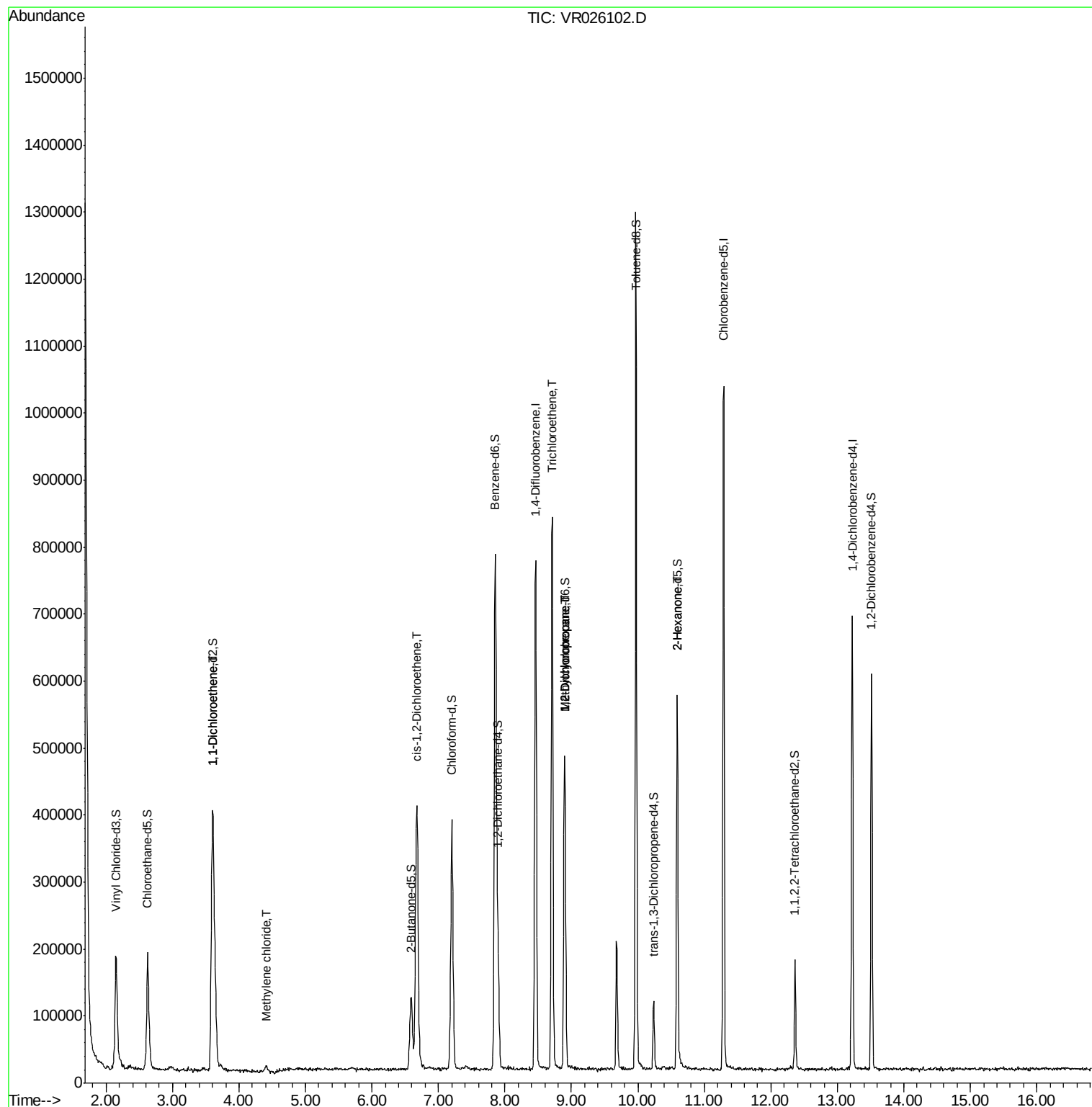
					Ovalue
12) 1,1-Dichloroethene	3.61	96	4708	0.092 ug/L #	1
16) Methylene chloride	4.40	84	5962	0.129 ug/L #	66
22) cis-1,2-Dichloroethene	6.67	96	211164	5.784 ug/L #	97
34) Trichloroethene	8.71	95	275227	6.586 ug/L	91
35) Methylcyclohexane	8.90	83	46198	0.743 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24051	0.698 ug/L #	96
48) 2-Hexanone	10.59	43	24686	3.593 ug/L #	71

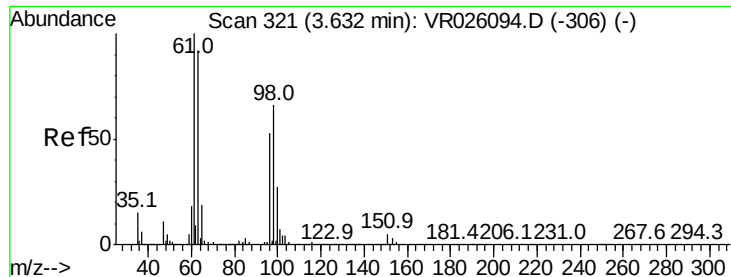
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 17 08:49:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 3.61 min Scan# 317

Delta R.T. -0.02 min

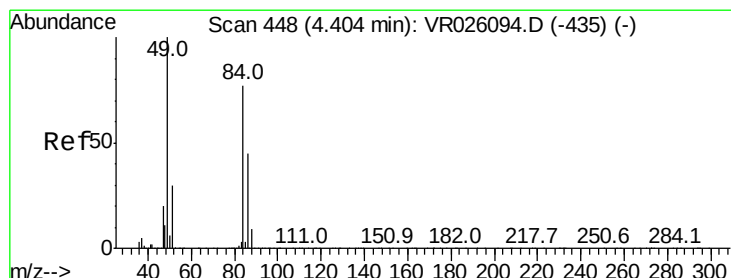
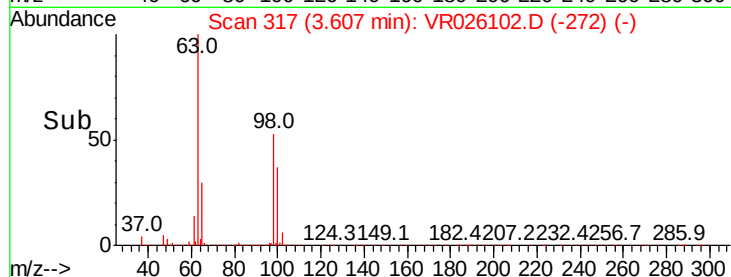
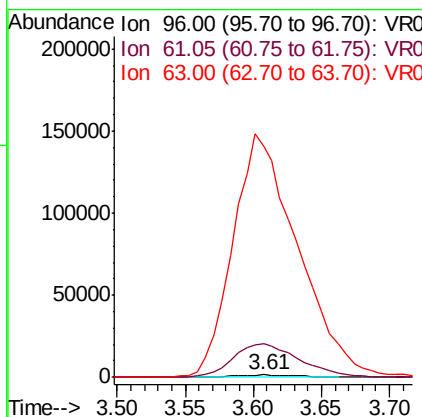
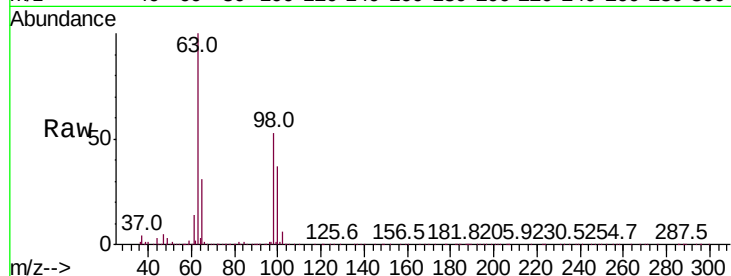
Lab File: VR026102.D

Acq: 16 Oct 2018 15:28

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 96 Resp: 4708

Ion	Ratio	Lower	Upper
96	100		
61	1354.3	126.7	235.3#
63	9471.0	125.0	232.2#



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 4.40 min Scan# 447

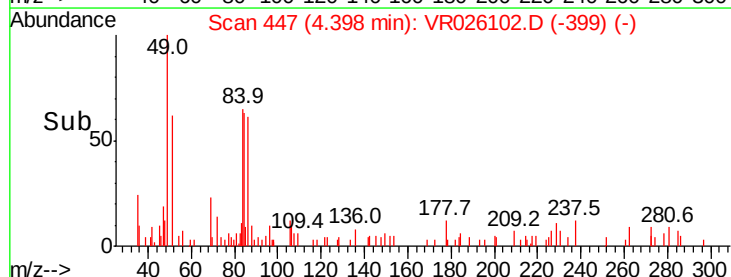
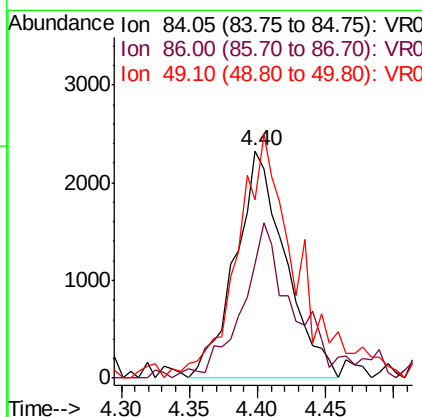
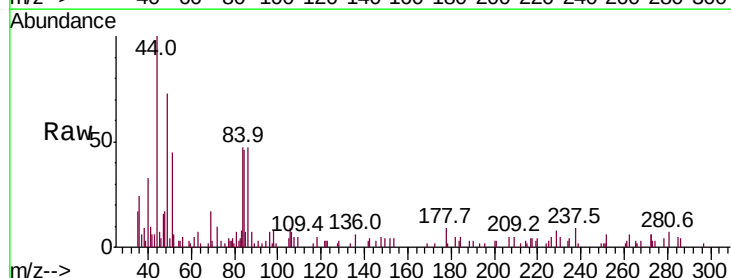
Delta R.T. -0.01 min

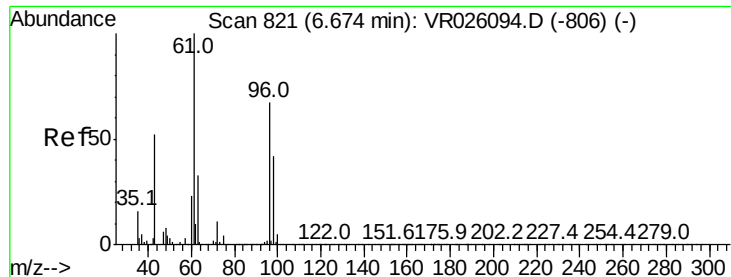
Lab File: VR026102.D

Acq: 16 Oct 2018 15:28

Tgt Ion: 84 Resp: 5962

Ion	Ratio	Lower	Upper
84	100		
86	50.1	43.0	79.8
49	78.2	89.1	165.5#





#22

cis-1,2-Dichloroethene

Concen: 5.784 ug/L

RT: 6.67 min Scan# 821

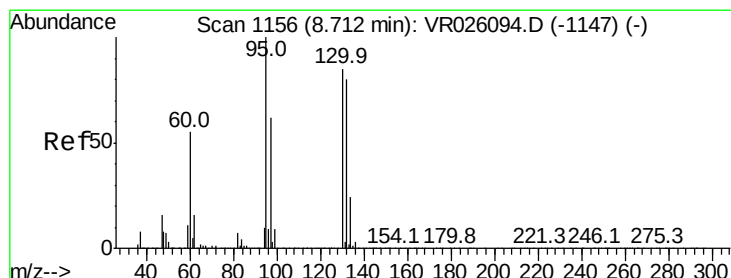
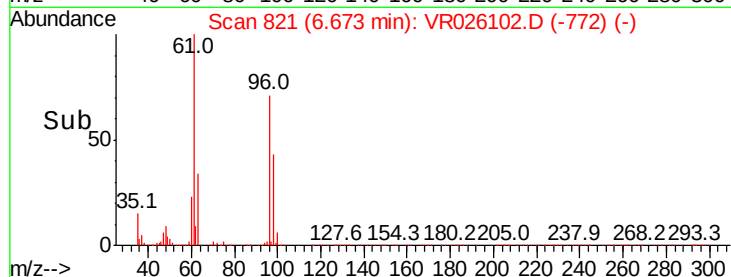
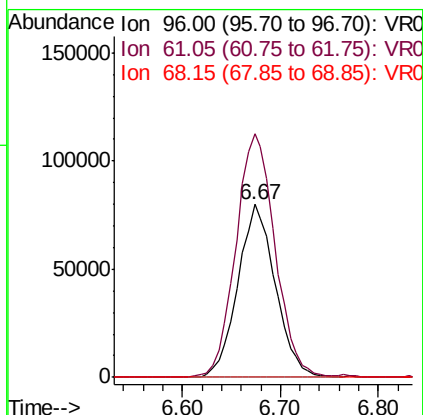
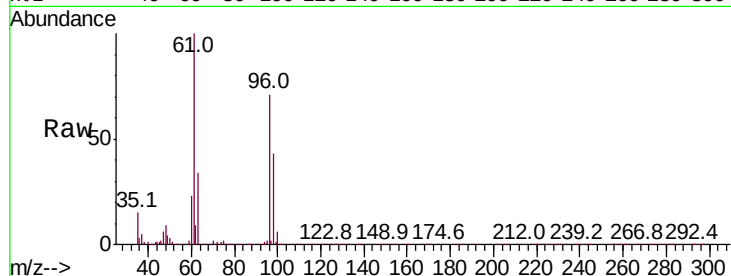
Delta R.T. -0.00 min

Lab File: VR026102.D

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Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	96	Resp:	211164
Ion	Ratio	Lower	Upper
96	100		
61	141.1	101.8	189.0
68	0.0	0.1	0.3#



#34

Trichloroethene

Concen: 6.586 ug/L

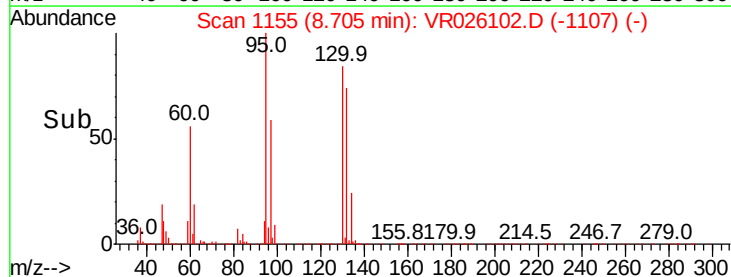
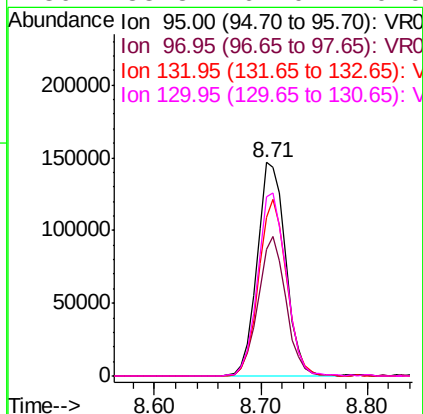
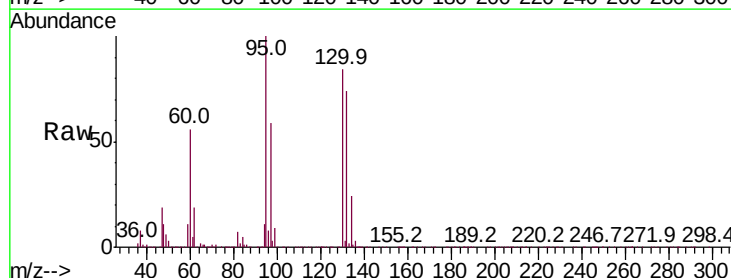
RT: 8.71 min Scan# 1155

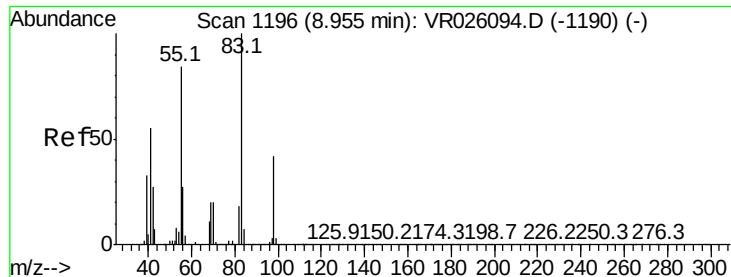
Delta R.T. -0.01 min

Lab File: VR026102.D

Acq: 16 Oct 2018 15:28

Tgt Ion:	95	Resp:	275227
Ion	Ratio	Lower	Upper
95	100		
97	59.4	45.7	84.9
132	74.4	58.3	108.3
130	83.8	64.0	119.0

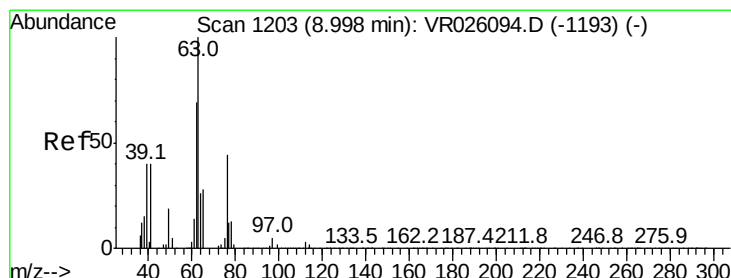
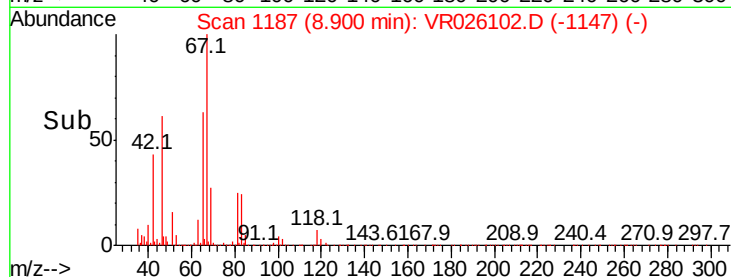
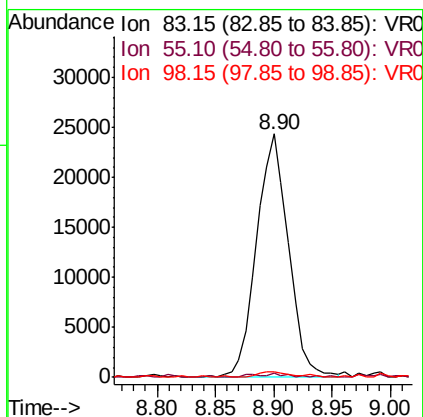
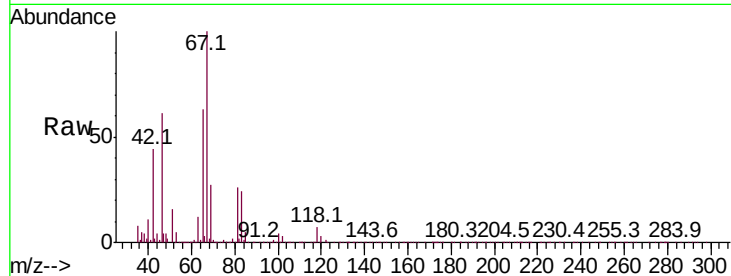




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026102.D
Acq: 16 Oct 2018 15:28

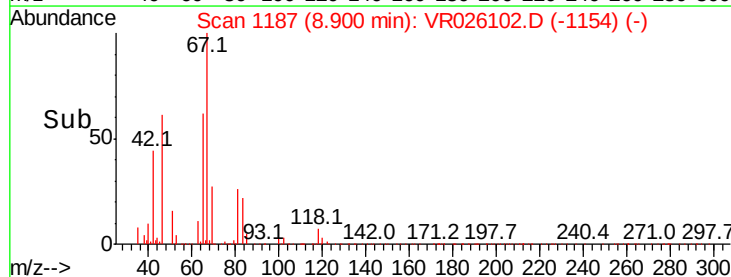
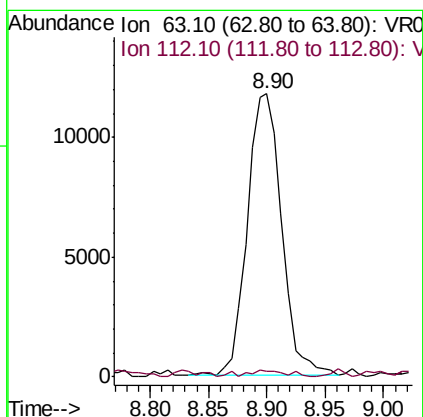
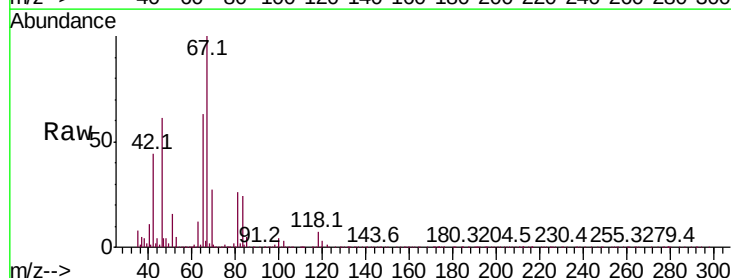
Instrument :
MSVOA_R
ClientSampleId :

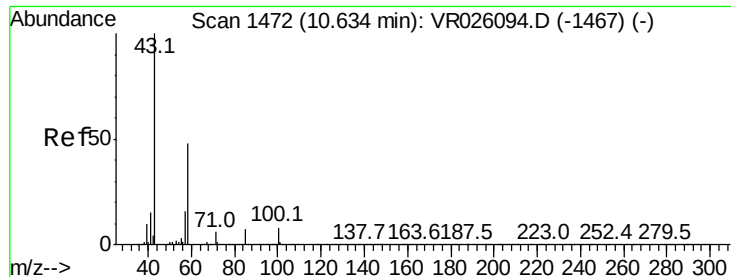
Tot Ion: 83 Resp: 46198
Ion Ratio Lower Upper
83 100
55 1.0 66.8 100.2#
98 2.1 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026102.D
Acq: 16 Oct 2018 15:28

Tgt Ion: 63 Resp: 24051
Ion Ratio Lower Upper
63 100
112 2.0 2.7 4.1#





#48
 2-Hexanone
 Concen: 3.593 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026102.D
 Acq: 16 Oct 2018 15:28

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 24686
 Ion Ratio Lower Upper
 43 100
 58 25.9 39.6 59.4#
 57 26.0 14.0 21.0#
 100 1.3 7.0 10.6#

