

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025721.D
 Acq On : 13 Sep 2018 19:18
 Operator : SY/MD
 Sample : J4887-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ5

Quant Time: Sep 14 06:58:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	740102	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	618163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	195379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	214292	6.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.20%#
7) Chloroethane-d5	2.63	69	165396	6.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.60%
11) 1,1-Dichloroethene-d2	3.63	63	380944	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	6.59	46	141980	43.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	7.20	84	381426	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	7.90	65	129042	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	950940	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	8.90	67	241857	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	9.97	98	856002	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	10.24	79	48530	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	10.59	63	168447	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	100710	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	181893	6.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

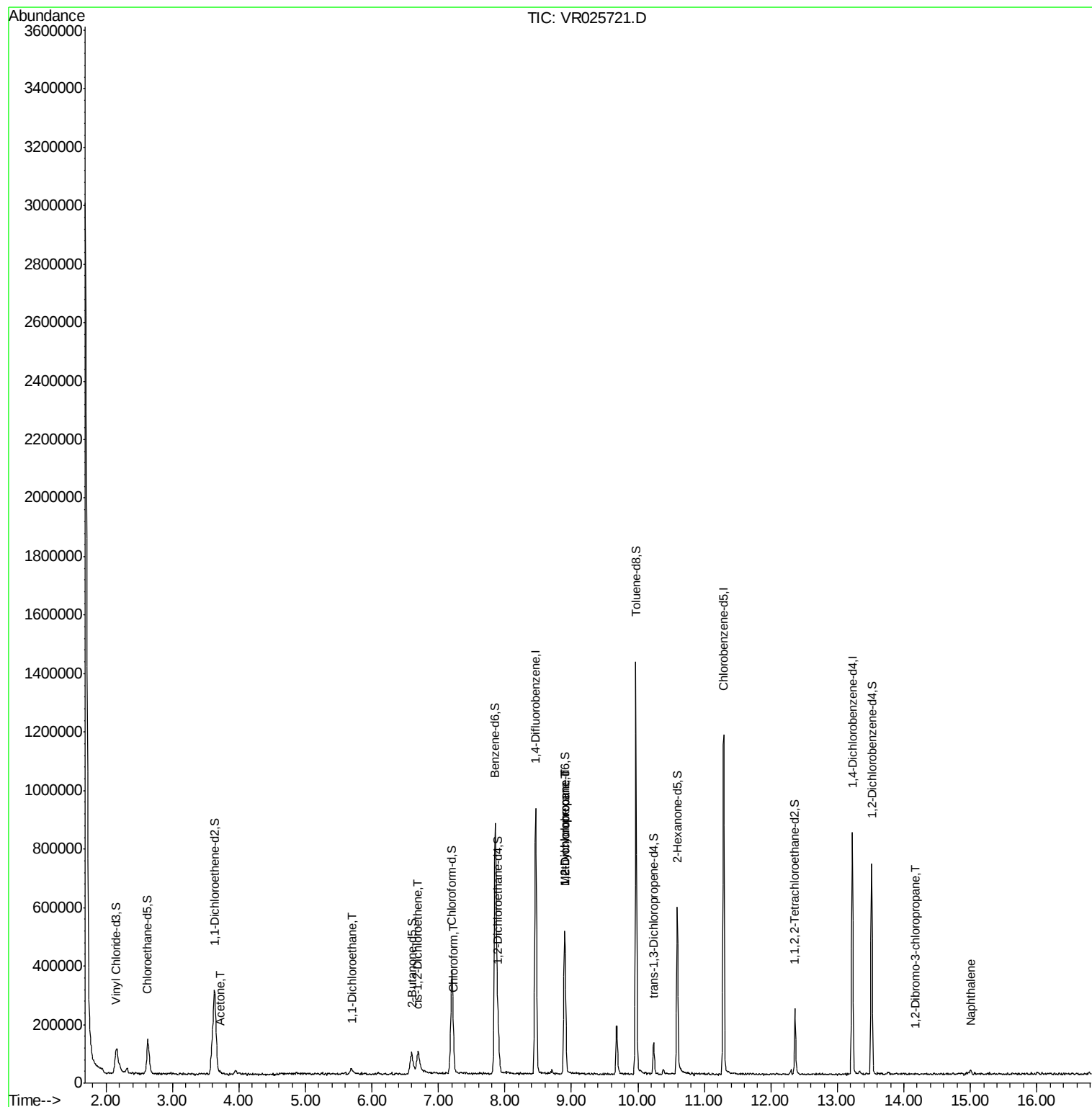
						Ovalue
13) Acetone	3.71	43	4771	2.18	ug/L	95
19) 1,1-Dichloroethane	5.69	63	25976	0.29	ug/L	86
22) cis-1,2-Dichloroethene	6.68	96	5191	0.10	ug/L #	88
25) Chloroform	7.23	83	16517	0.20	ug/L	99
35) Methylcyclohexane	8.90	83	53336	0.65	ug/L #	21
37) 1,2-Dichloropropane	8.90	63	23744	0.48	ug/L #	97
66) 1,2-Dibromo-3-chloropropan	14.16	75	310	0.20	ug/L #	21
69) Naphthalene	15.00	128	10569	0.42	ug/L #	87

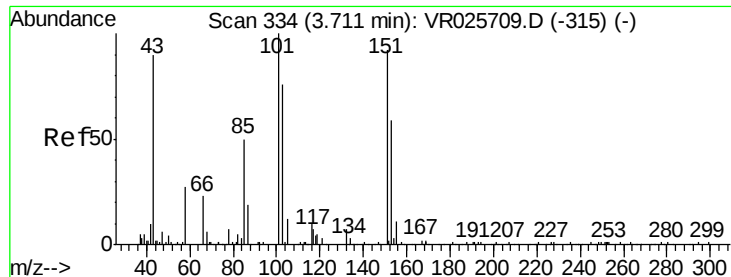
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:42:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.18 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.00 min

Lab File: VR025721.D

Acq: 13 Sep 2018 19:18

Instrument :

MSVOA_R

ClientSampleId :

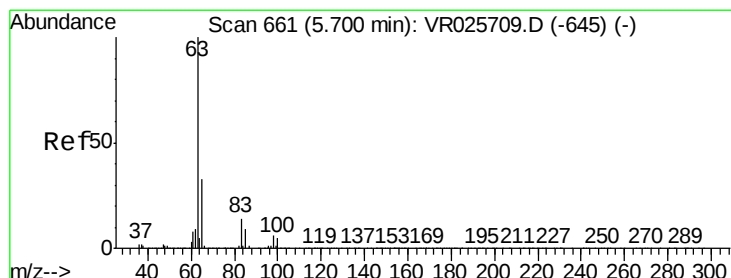
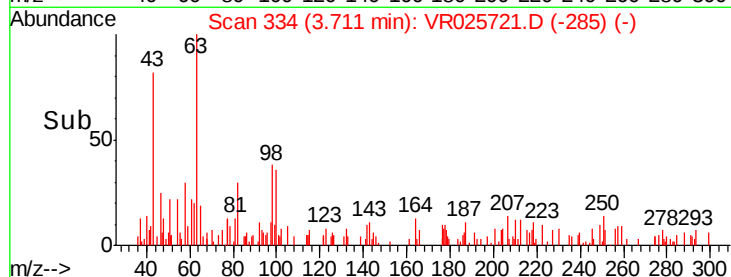
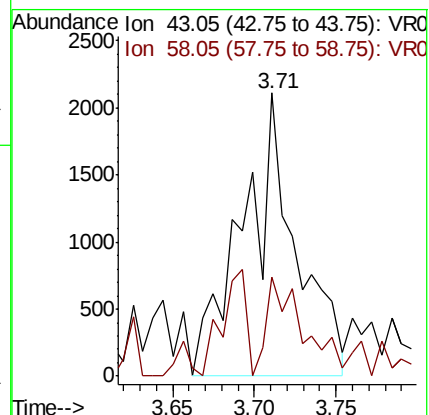
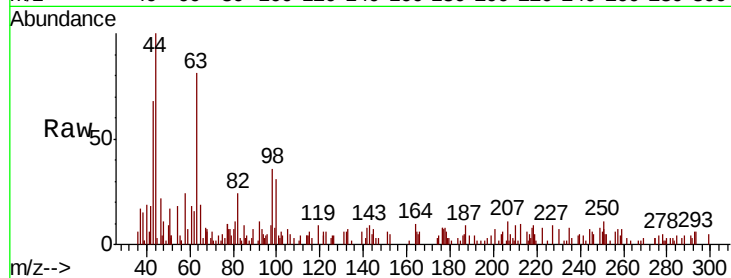
C0KQ5

Tot Ion: 43 Resp: 4771

Ion Ratio Lower Upper

43 100

58 24.3 0.0 53.6



#19

1,1-Dichloroethane

Concen: 0.29 ug/L

RT: 5.69 min Scan# 660

Delta R.T. -0.01 min

Lab File: VR025721.D

Acq: 13 Sep 2018 19:18

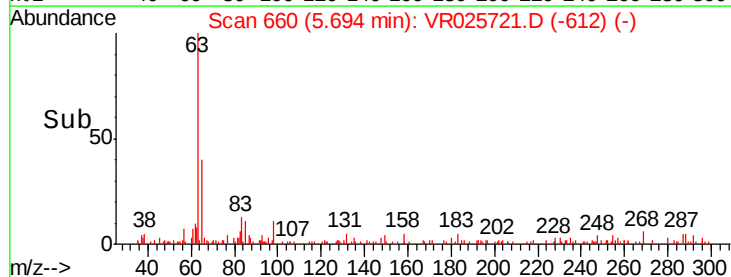
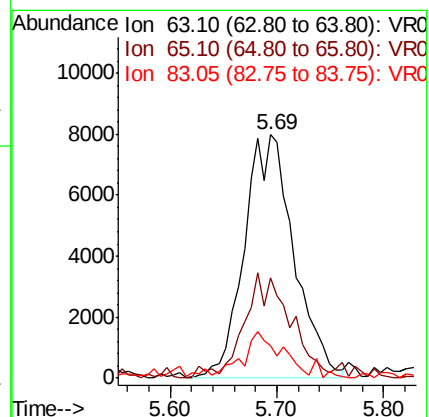
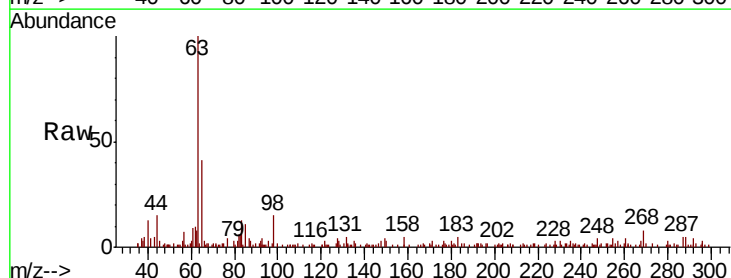
Tgt Ion: 63 Resp: 25976

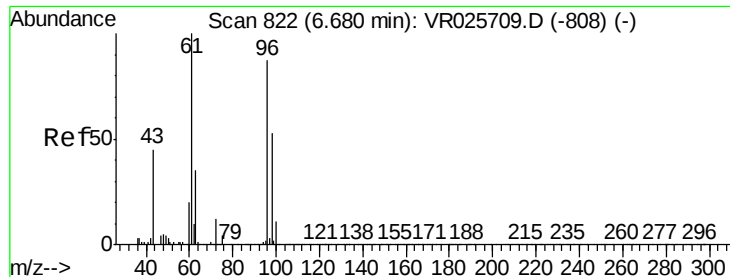
Ion Ratio Lower Upper

63 100

65 40.3 21.9 40.7

83 13.0 7.6 14.2



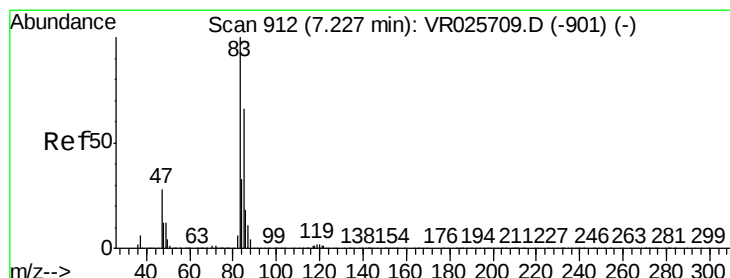
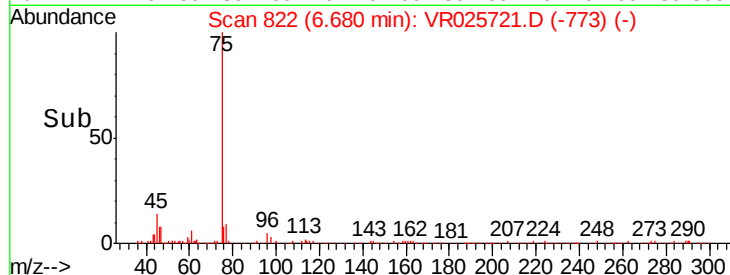
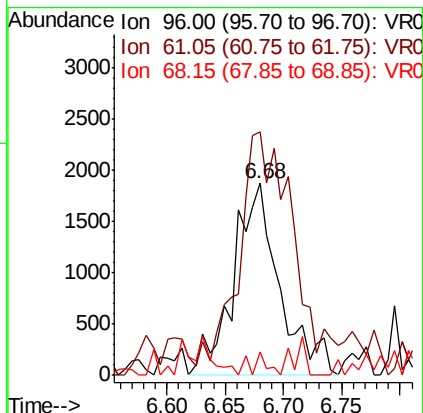
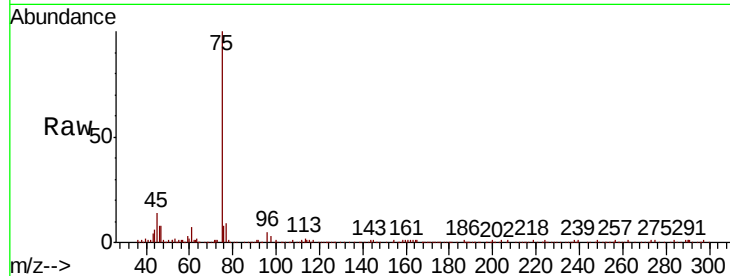


#22

cis-1,2-Dichloroethene
 Concen: 0.10 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: VR025721.D
 Acq: 13 Sep 2018 19:18

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ5

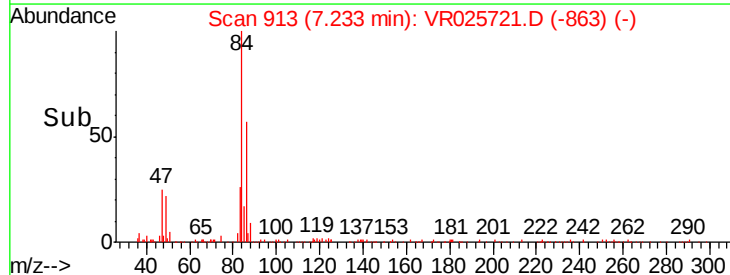
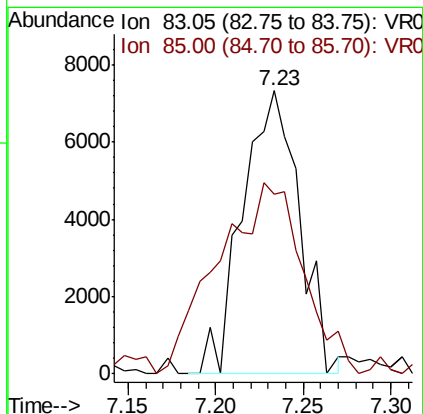
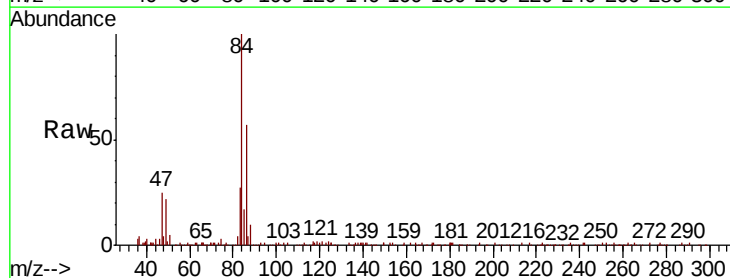
Tot Ion: 96 Resp: 5191
 Ion Ratio Lower Upper
 96 100
 61 126.9 79.9 148.5
 68 12.3 0.2 0.4#

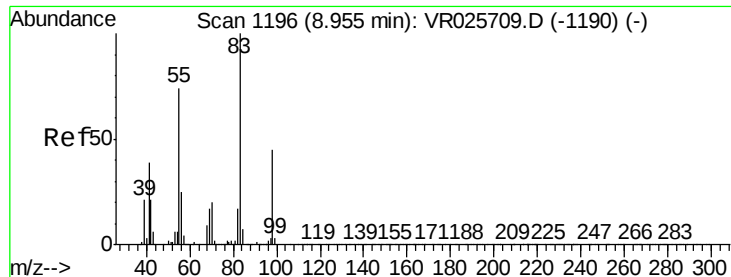


#25

Chloroform
 Concen: 0.20 ug/L
 RT: 7.23 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VR025721.D
 Acq: 13 Sep 2018 19:18

Tgt Ion: 83 Resp: 16517
 Ion Ratio Lower Upper
 83 100
 85 63.5 43.8 81.4

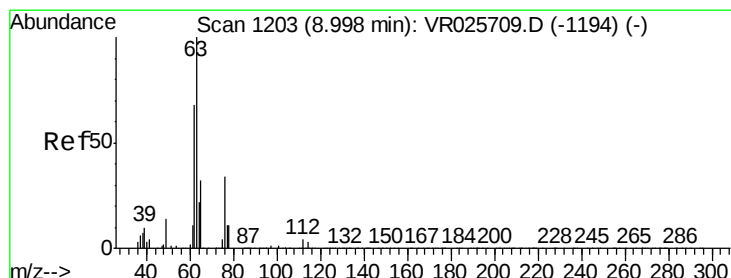
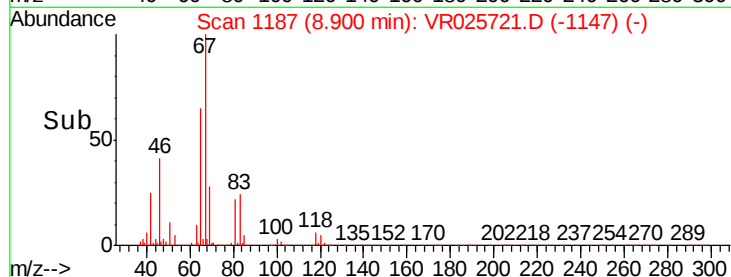
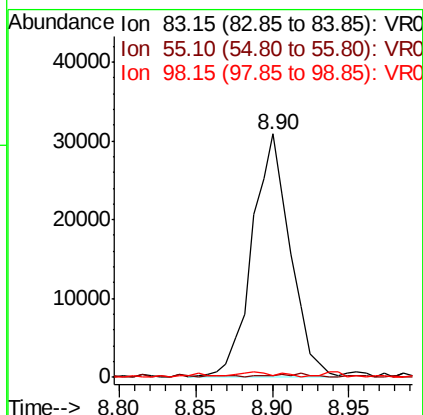
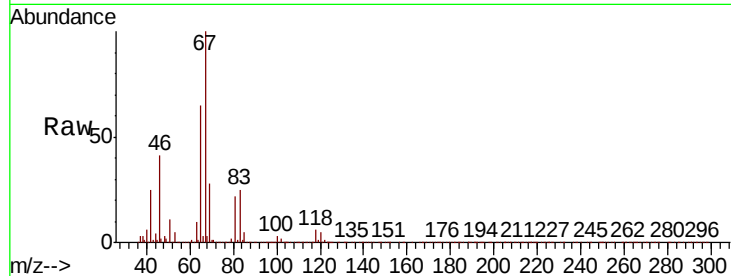




#35
Methvlcvclohexane
Concen: 0.65 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025721.D
Acq: 13 Sep 2018 19:18

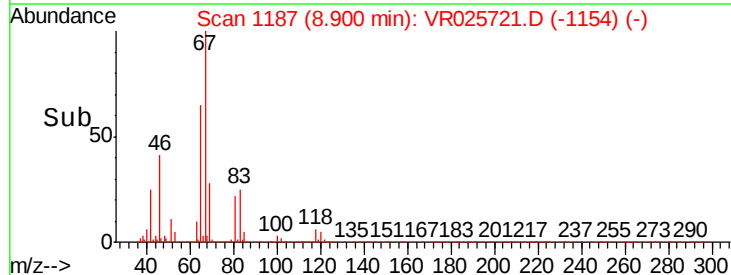
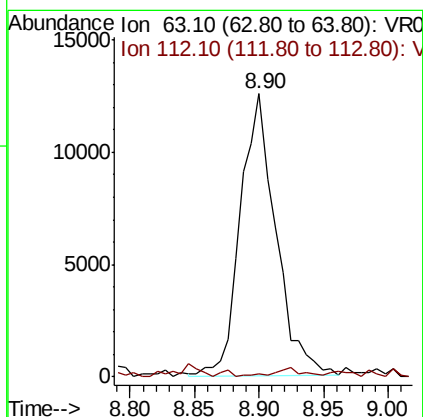
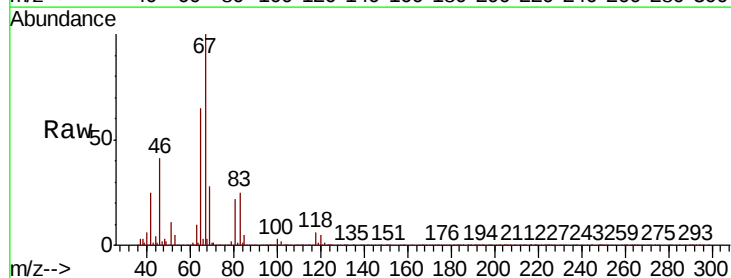
Instrument :
MSVOA_R
ClientSampleId :
C0KQ5

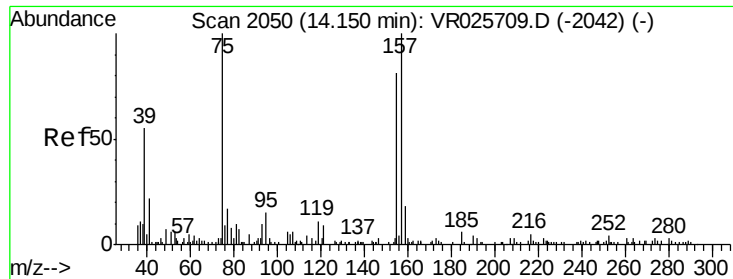
Tot Ion: 83 Resp: 53336
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.6 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025721.D
Acq: 13 Sep 2018 19:18

Tgt Ion: 63 Resp: 23744
Ion Ratio Lower Upper
63 100
112 2.5 2.9 4.3#

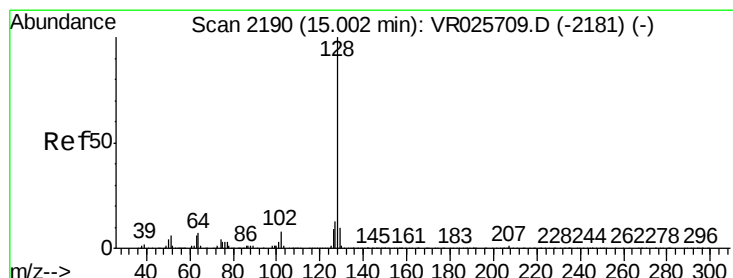
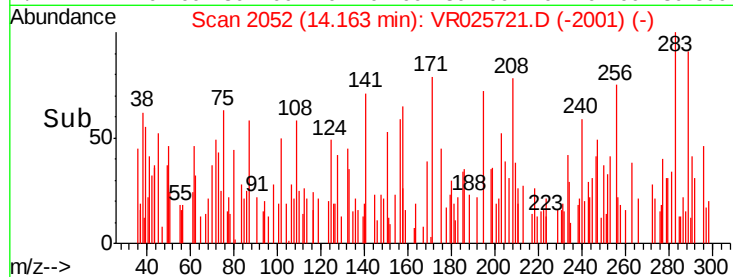
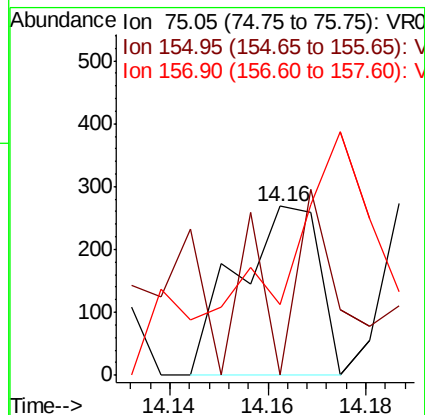
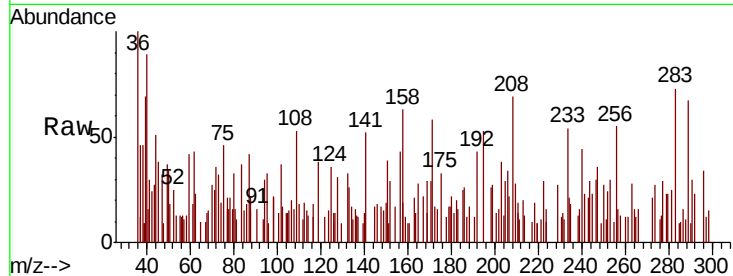




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.20 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: VR025721.D
 Acq: 13 Sep 2018 19:18

Instrument :
 MSVOA_R
 ClientSampled :
 C0KQ5

Tot Ion: 75 Resp: 310
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.3 118.9#
 157 41.6 81.4 122.2#



#69
 Naphthalene
 Concen: 0.42 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VR025721.D
 Acq: 13 Sep 2018 19:18

Tgt Ion: 128 Resp: 10569
 Ion Ratio Lower Upper
 128 100
 127 5.1 10.3 15.5#
 129 13.6 9.0 13.6#

