

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026040.D
 Acq On : 11 Oct 2018 12:31
 Operator : SY/MD
 Sample : J5379-07DL 4X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:09:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	501925	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	126833	3.20	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	2.63	69	125043	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	3.63	63	224774	2.42	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	6.59	46	216888	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	7.20	84	267040	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
26) 1,2-Dichloroethane-d4	7.90	65	125917	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	487428	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.20%#
36) 1,2-Dichloropropane-d6	8.90	67	150638	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	9.97	98	419811	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.40%#
43) trans-1,3-Dichloropropene-	10.24	79	32438	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	10.59	63	172344	51.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65264	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	95484	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

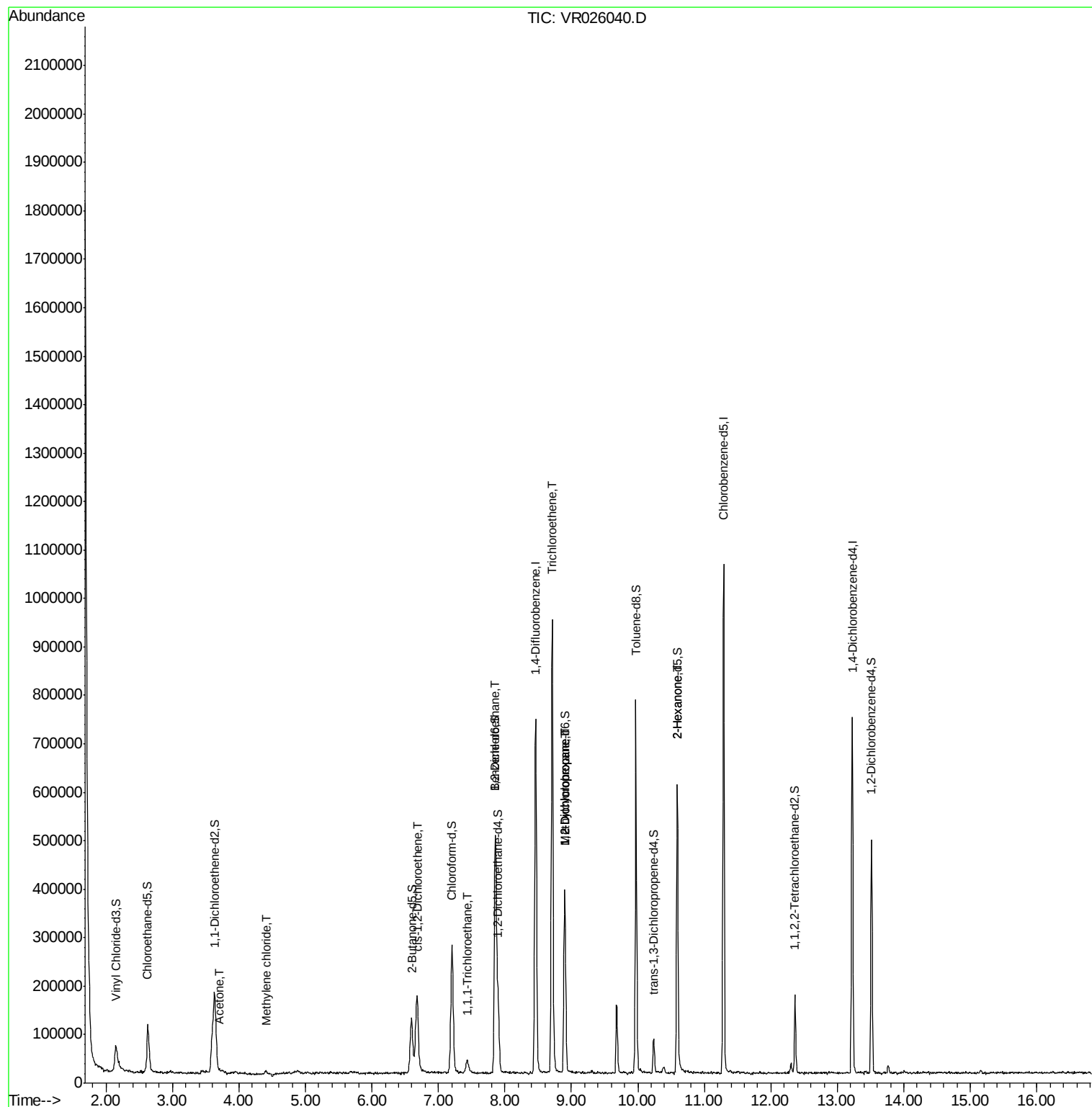
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	4283	1.339	ug/L	93
16) Methylene chloride	4.40	84	4279	0.123	ug/L #	56
22) cis-1,2-Dichloroethene	6.67	96	84764	2.688	ug/L #	97
27) 1,2-Dichloroethane	7.86	62	3497	0.116	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	24123	0.499	ug/L #	73
34) Trichloroethene	8.71	95	307914	8.102	ug/L	93
35) Methylcyclohexane	8.90	83	35985	0.630	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19607	0.634	ug/L #	94
48) 2-Hexanone	10.59	43	28336	3.978	ug/L #	66

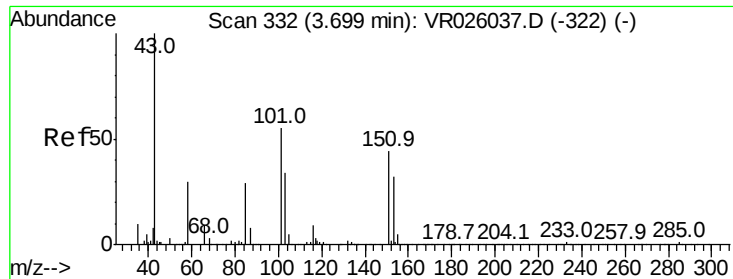
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
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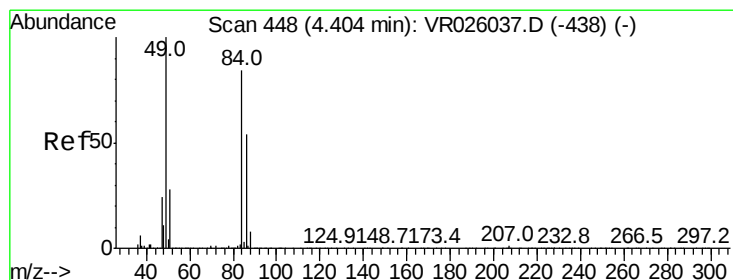
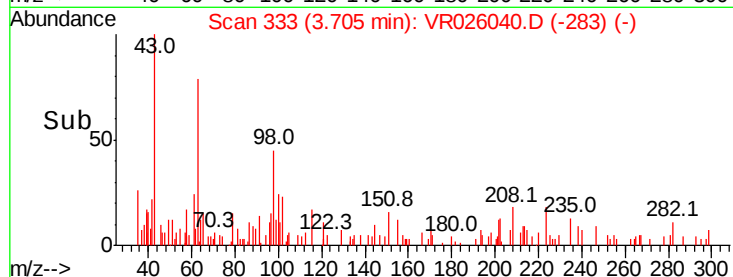
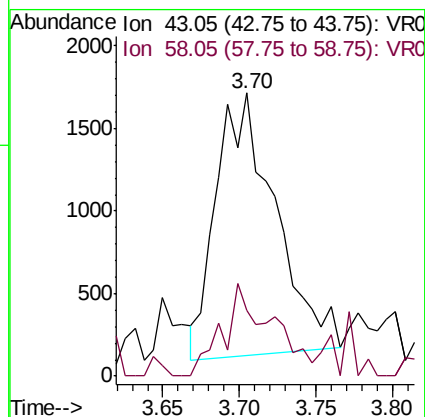
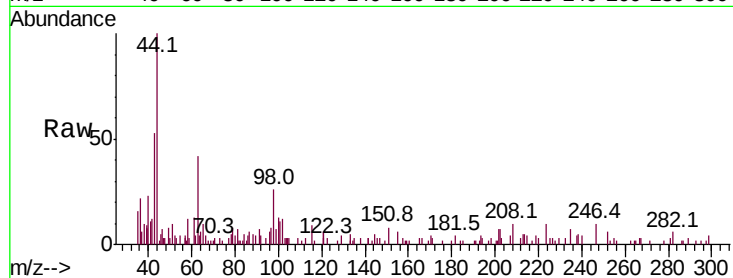




#13
Acetone
Concen: 1.339 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

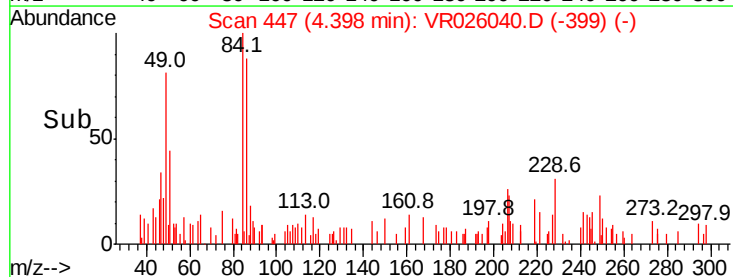
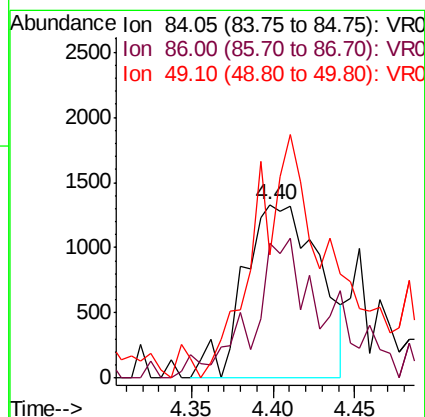
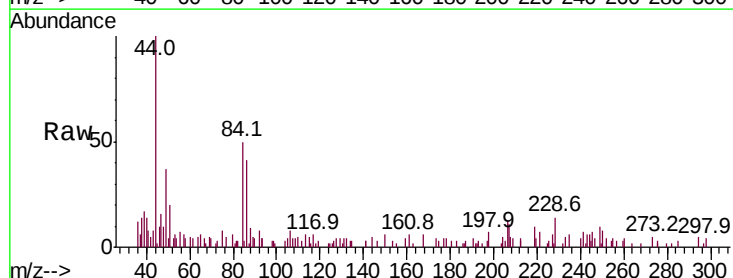
Instrument :
MSVOA_R
ClientSampled :

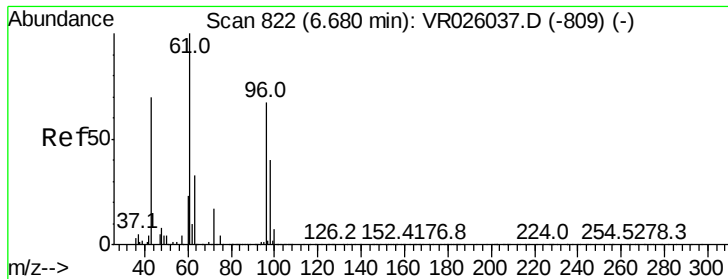
Tot Ion: 43 Resp: 4283
Ion Ratio Lower Upper
43 100
58 29.2 0.0 51.4



#16
Methylene chloride
Concen: 0.123 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

Tgt Ion: 84 Resp: 4279
Ion Ratio Lower Upper
84 100
86 77.5 43.1 80.1
49 71.2 95.5 177.3#



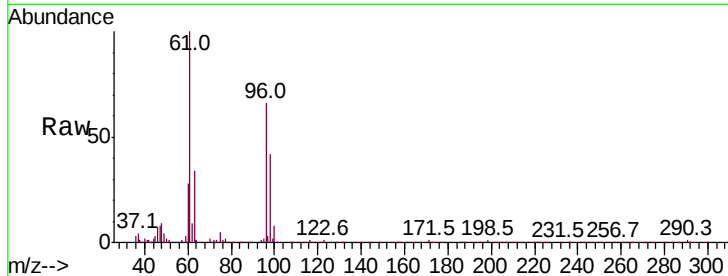


#22

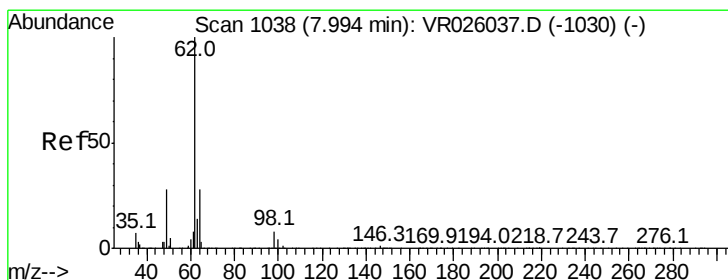
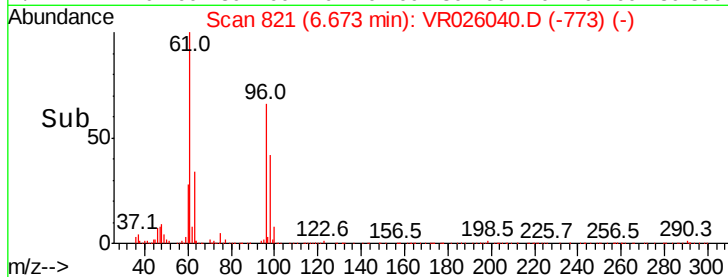
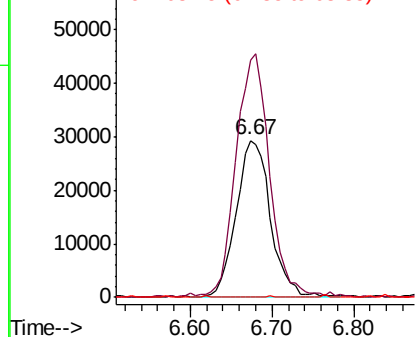
cis-1,2-Dichloroethene
Concen: 2.688 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion	96	Resp	84764
Ion Ratio	Lower	Upper	
96	100		
61	151.3	108.7	201.9
68	0.0	0.1	0.1#



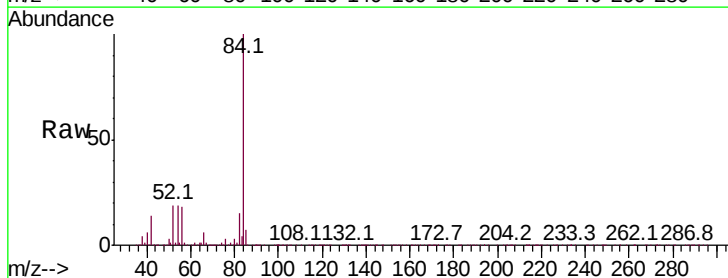
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



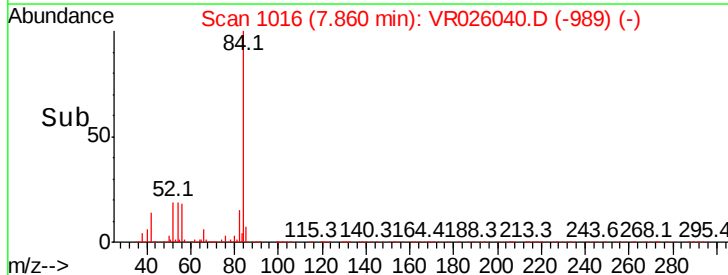
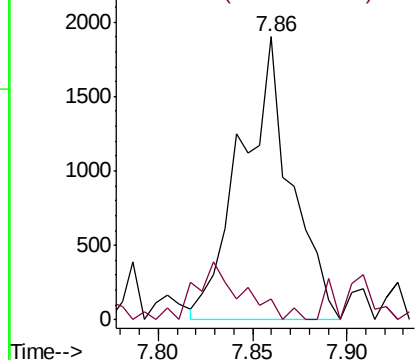
#27

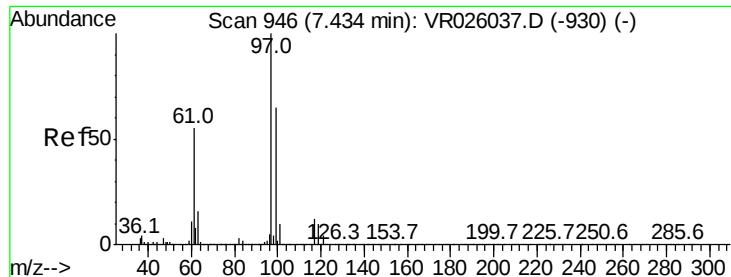
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

Tgt Ion	62	Resp	3497
Ion Ratio	Lower	Upper	
62	100		
98	7.6	5.2	7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0
Ion 98.05 (97.75 to 98.75): VR0





#29

1,1,1-Trichloroethane

Concen: 0.499 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

Lab File: VR026040.D

Acq: 11 Oct 2018 12:31

Instrument :
MSVOA_R
ClientSampled :

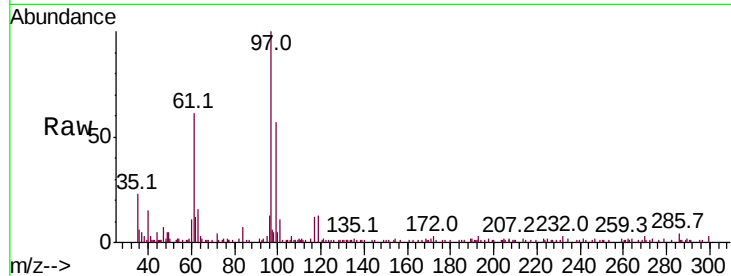
Tot Ion: 97 Resp: 24123

Ion Ratio Lower Upper

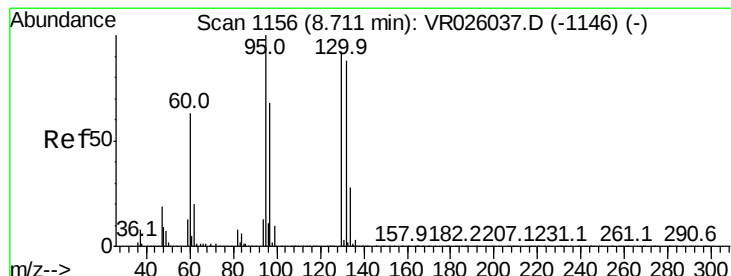
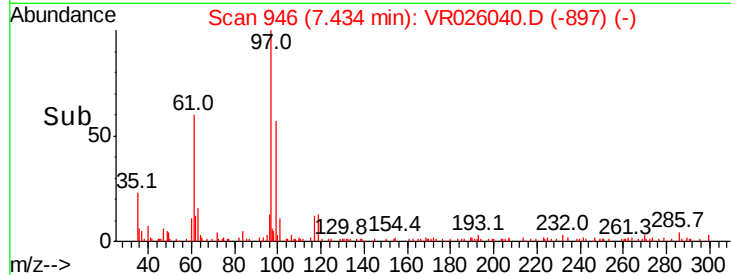
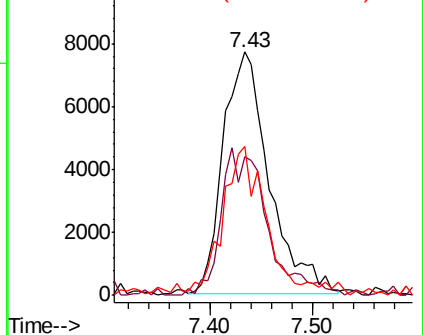
97 100

99 25.5 51.0 76.6#

61 52.3 41.6 62.4



Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 8.102 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026040.D

Acq: 11 Oct 2018 12:31

Tgt Ion: 95 Resp: 307914

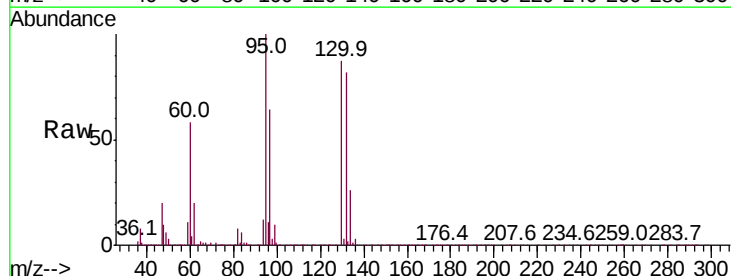
Ion Ratio Lower Upper

95 100

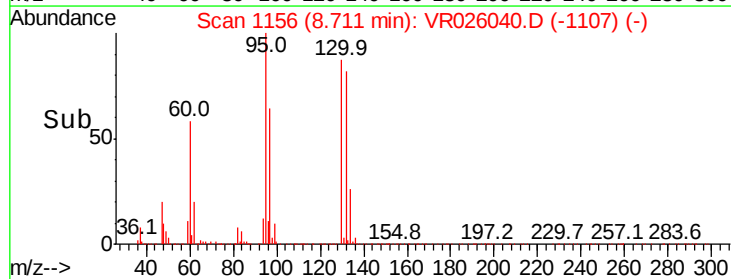
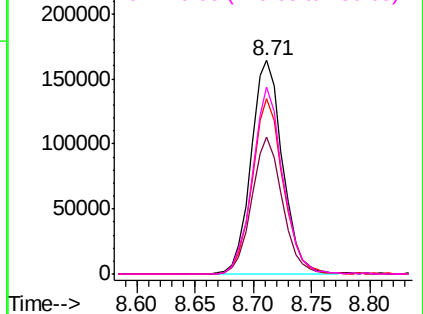
97 64.1 43.9 81.5

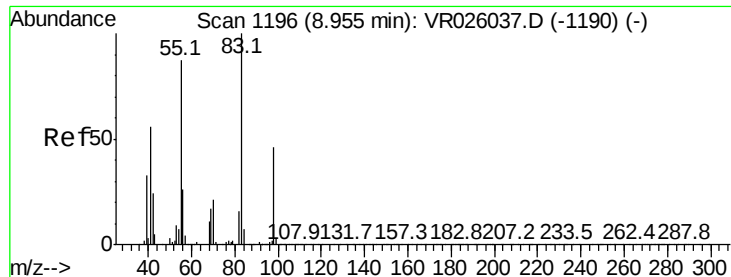
132 82.3 53.3 98.9

130 87.2 53.8 99.8



Abundance Ion 95.00 (94.70 to 95.70): VR0
Ion 96.95 (96.65 to 97.65): VR0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

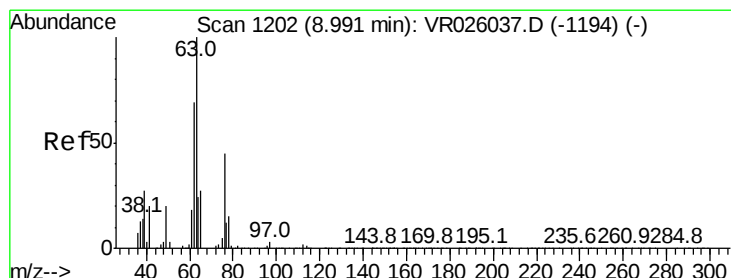
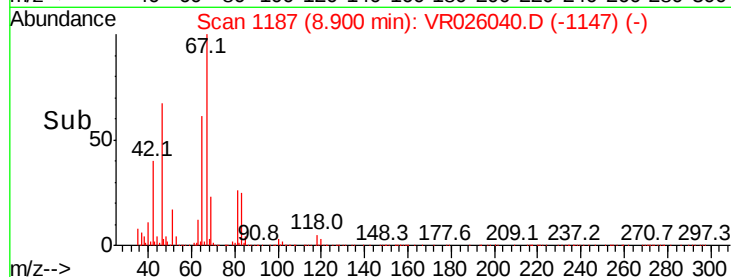
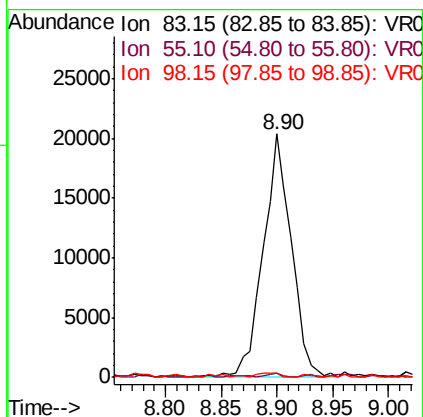
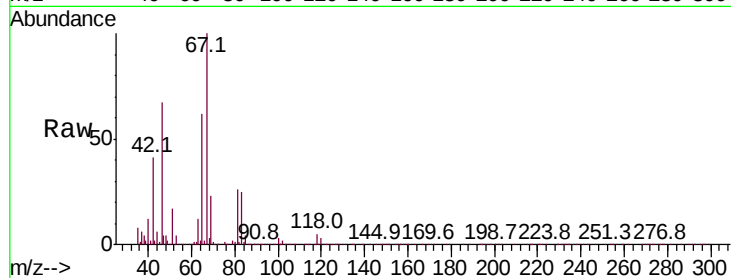




#35
Methvlcvclohexane
Concen: 0.630 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

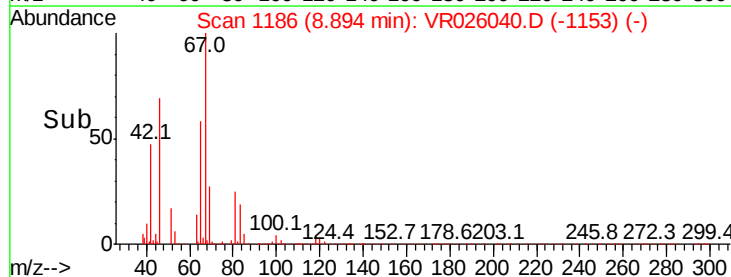
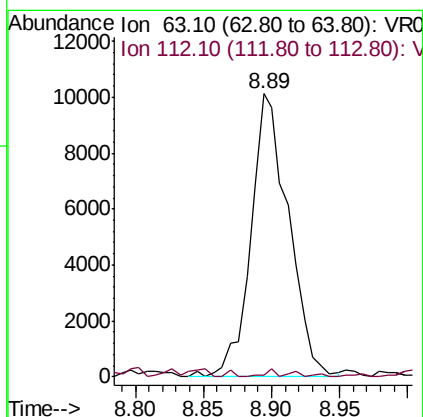
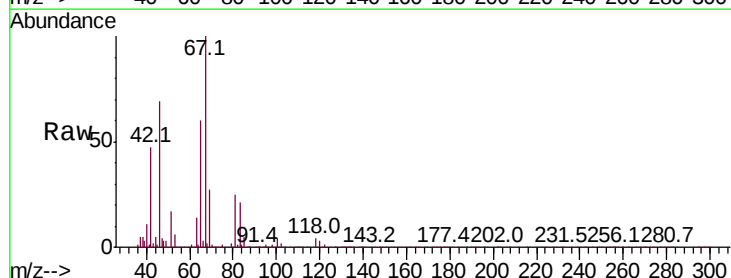
Instrument :
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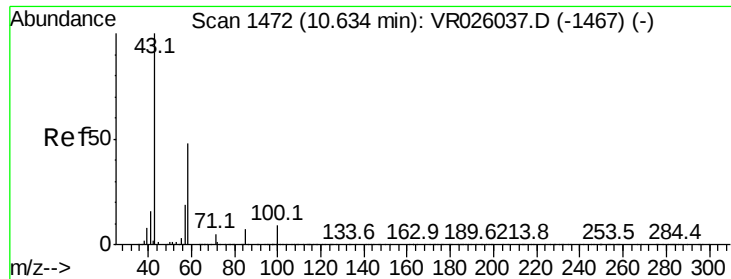
Tot Ion: 83 Resp: 35985
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026040.D
Acq: 11 Oct 2018 12:31

Tgt Ion: 63 Resp: 19607
Ion Ratio Lower Upper
63 100
112 1.0 2.5 3.7#





#48
 2-Hexanone
 Concen: 3.978 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026040.D
 Acq: 11 Oct 2018 12:31

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 28336
 Ion Ratio Lower Upper
 43 100
 58 17.8 39.5 59.3#
 57 21.6 14.6 21.8
 100 2.5 6.7 10.1#

