

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR111918\
 Data File : VR026224.D
 Acq On : 19 Nov 2018 16:44
 Operator : SY/MD
 Sample : J5997-02
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YA2

Quant Time: Nov 20 04:38:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 04:16:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	696867	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	181050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	161616	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	2.63	69	165113	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.80%
11) 1,1-Dichloroethene-d2	3.61	63	387460	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	6.59	46	198013	44.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.58%
24) Chloroform-d	7.20	84	363463	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	7.90	65	144880	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	7.86	84	706229	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	8.90	67	197866	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	640564	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	44743	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	141688	45.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71185	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	126475	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

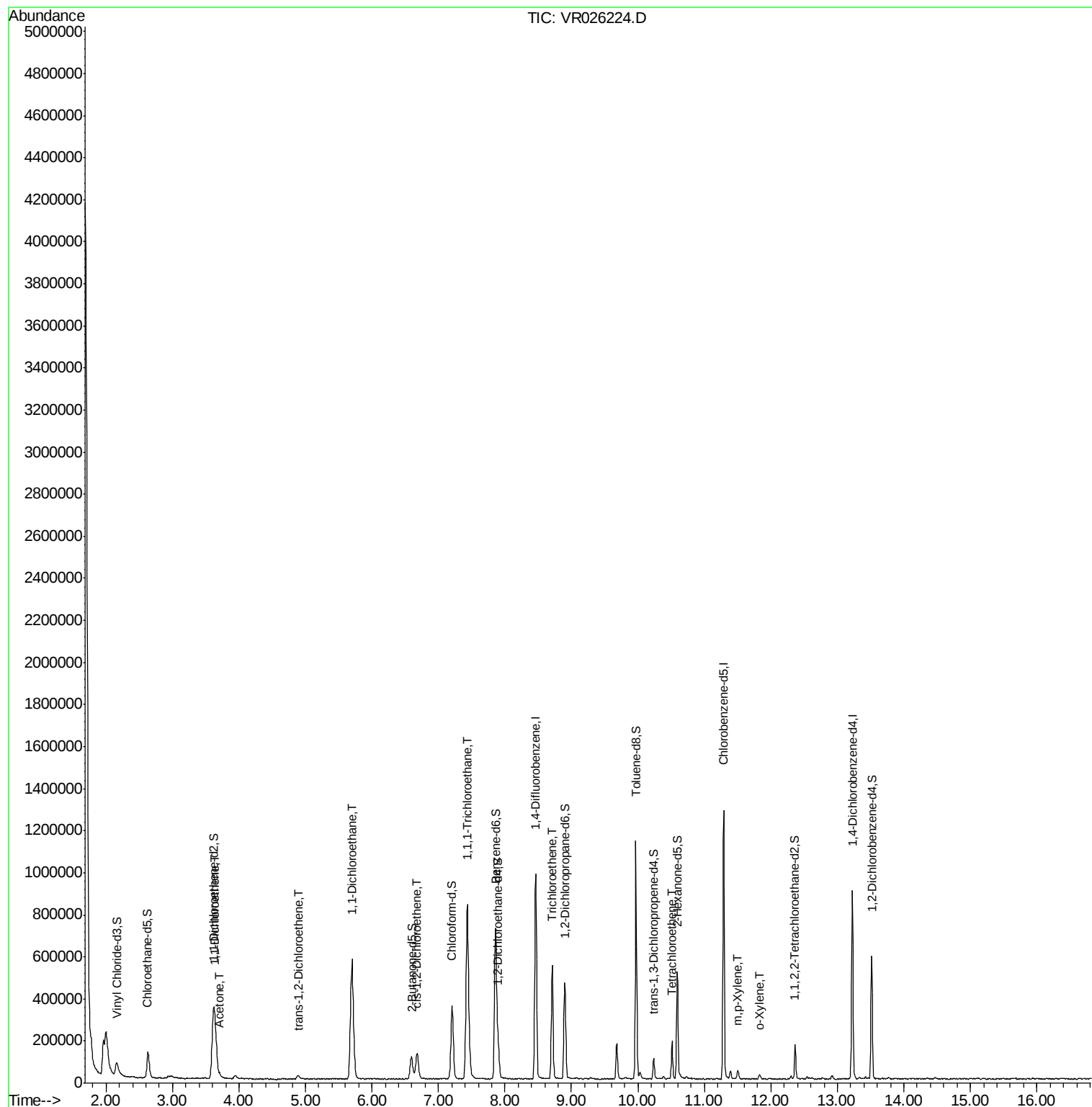
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.64	96	89183	1.309	ug/L #	26
13) Acetone	3.70	43	24252	5.132	ug/L	99
18) trans-1,2-Dichloroethene	4.90	96	8425	0.160	ug/L	87
19) 1,1-Dichloroethane	5.70	63	856616	8.902	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	63712	1.371	ug/L #	90
29) 1,1,1-Trichloroethane	7.43	97	733152	9.738	ug/L	97
34) Trichloroethene	8.71	95	177454	3.432	ug/L	94
47) Tetrachloroethene	10.51	164	33023	0.935	ug/L	81
53) m,p-Xylene	11.50	106	10918	0.125	ug/L	85
54) o-Xylene	11.83	106	5192	0.065	ug/L	94

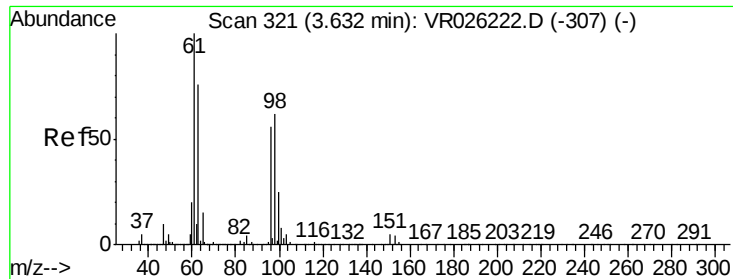
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR11918\
Data File : VR026224.D
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Sample : J5997-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
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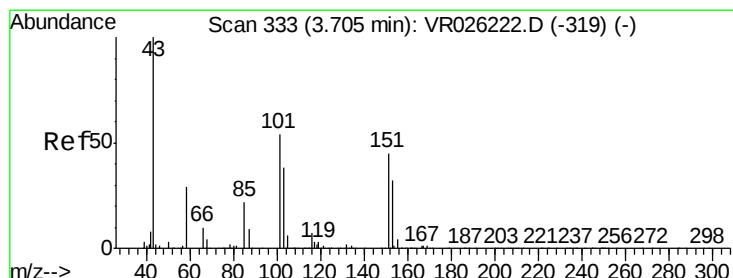
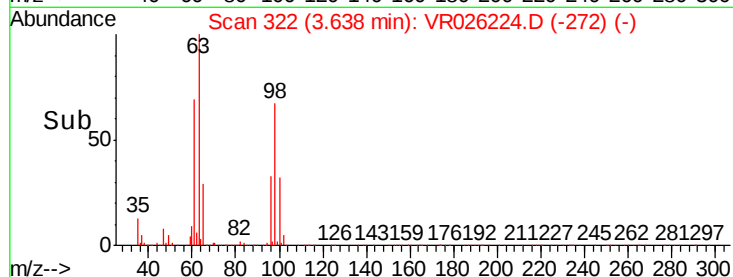
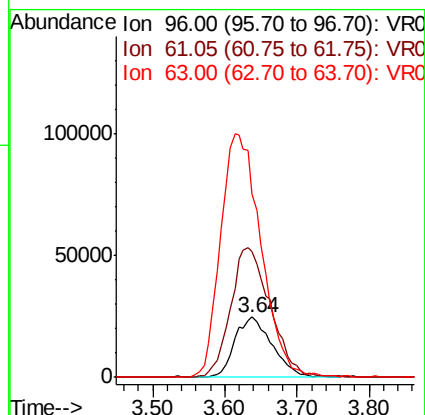
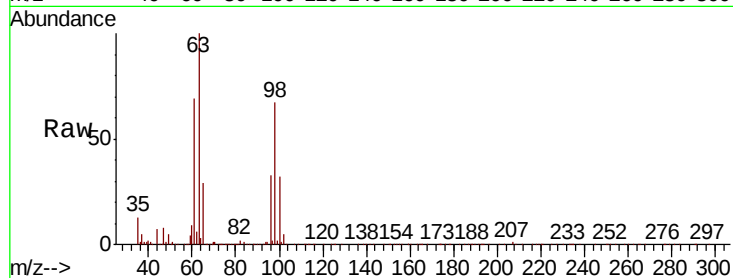




#12
 1,1-Dichloroethene
 Concen: 1.309 ug/L
 RT: 3.64 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VR026224.D
 Acq: 19 Nov 2018 16:44

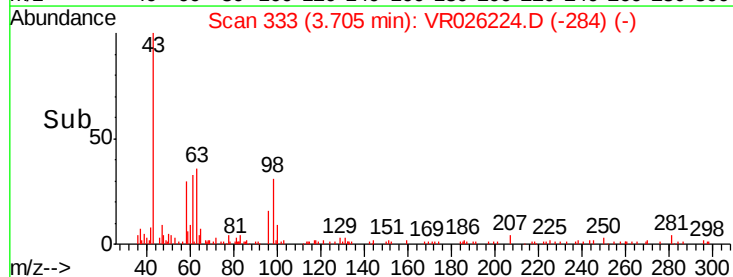
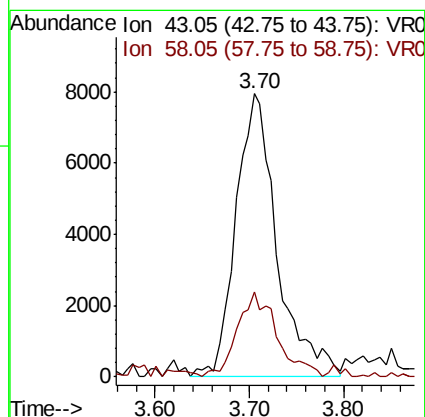
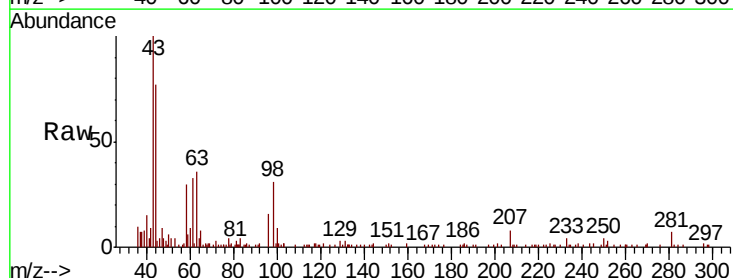
Instrument :
 MSVOA_R
 ClientSampleId :
 E3YA2

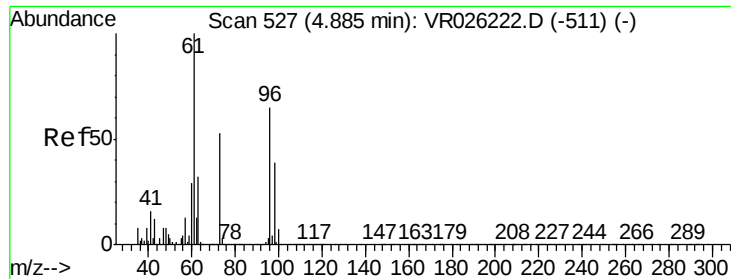
Tgt Ion: 96 Resp: 89183
 Ion Ratio Lower Upper
 96 100
 61 209.3 125.5 233.1
 63 305.2 93.7 174.1#



#13
 Acetone
 Concen: 5.132 ug/L
 RT: 3.70 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VR026224.D
 Acq: 19 Nov 2018 16:44

Tgt Ion: 43 Resp: 24252
 Ion Ratio Lower Upper
 43 100
 58 28.9 0.0 58.6

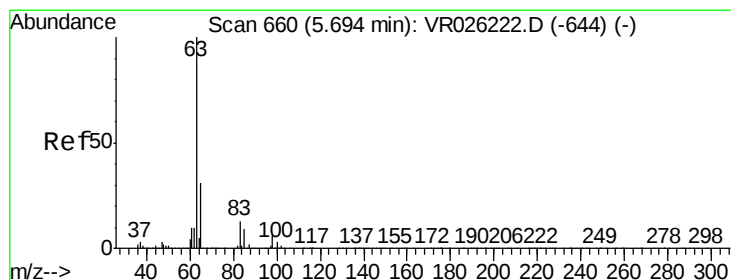
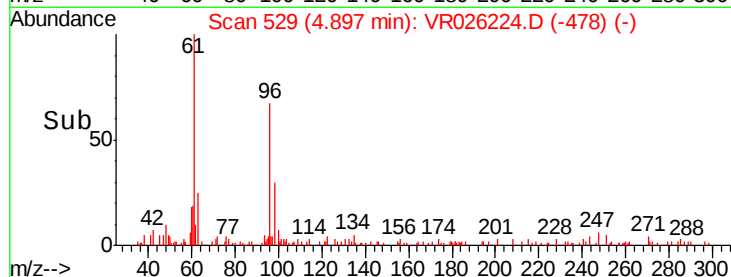
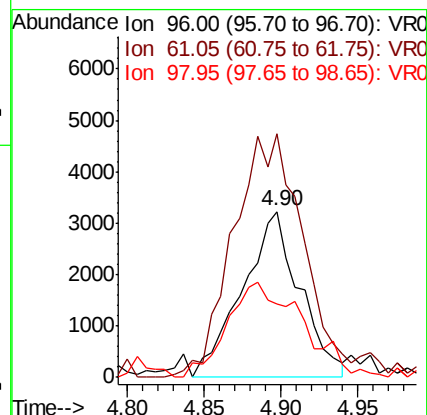
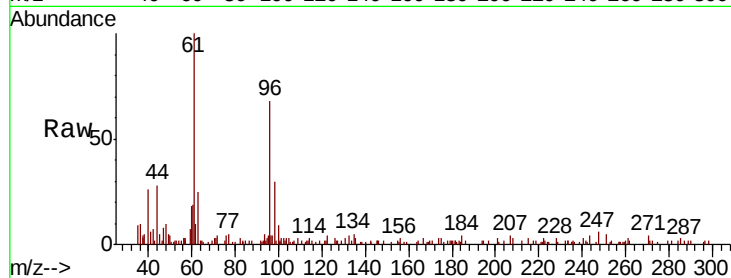




#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

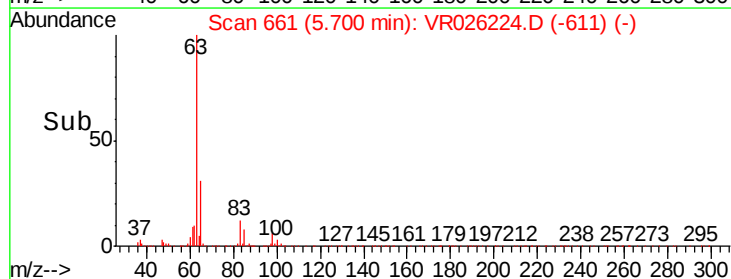
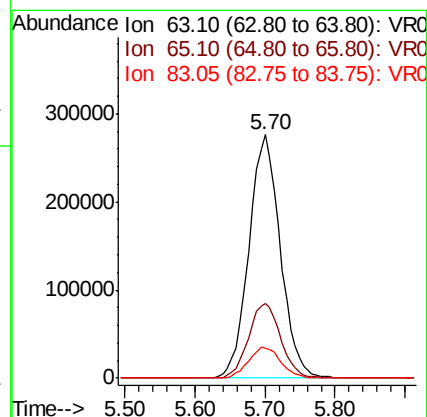
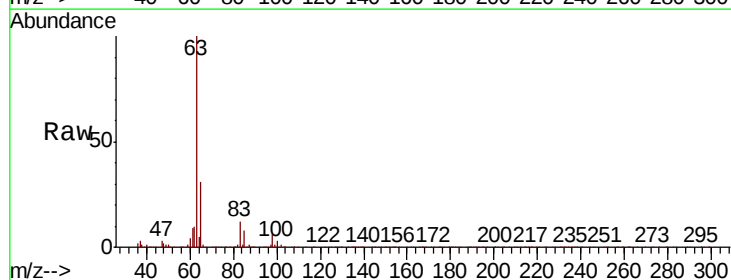
Instrument :
MSVOA_R
ClientSampled :
E3YA2

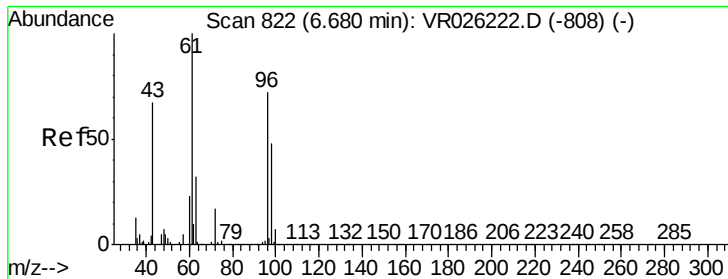
Tgt Ion: 96 Resp: 8425
Ion Ratio Lower Upper
96 100
61 138.7 105.6 196.2
98 41.7 41.5 77.1



#19
1,1-Dichloroethane
Concen: 8.902 ug/L
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 63 Resp: 856616
Ion Ratio Lower Upper
63 100
65 30.7 20.9 38.7
83 12.4 9.1 16.9



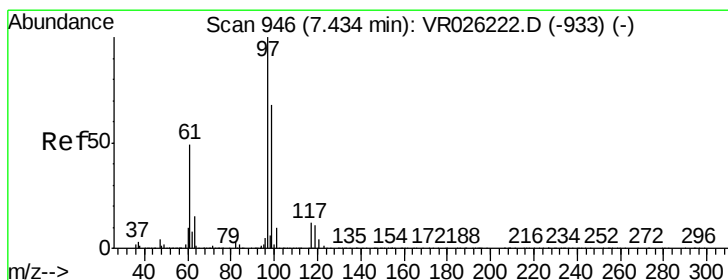
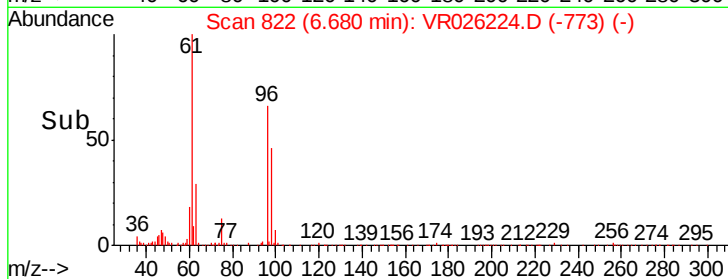
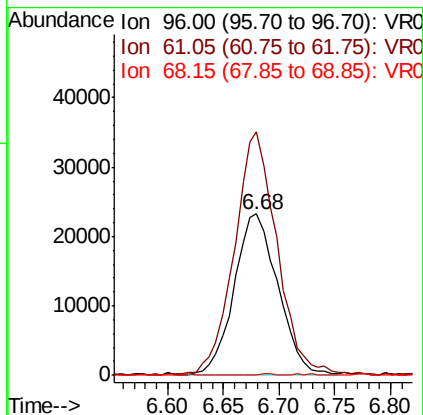
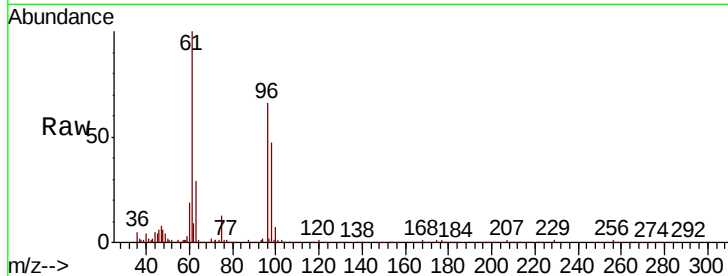


#22

cis-1,2-Dichloroethene
 Concen: 1.371 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: VR026224.D
 Acq: 19 Nov 2018 16:44

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YA2

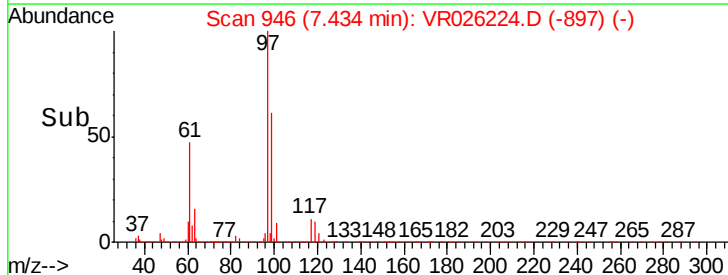
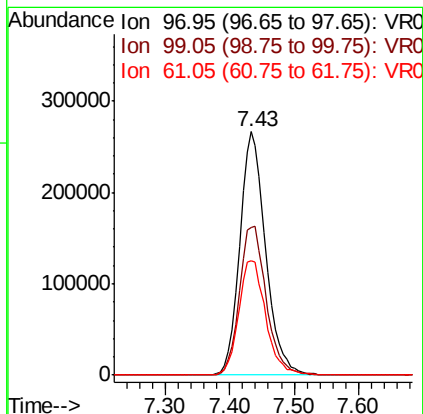
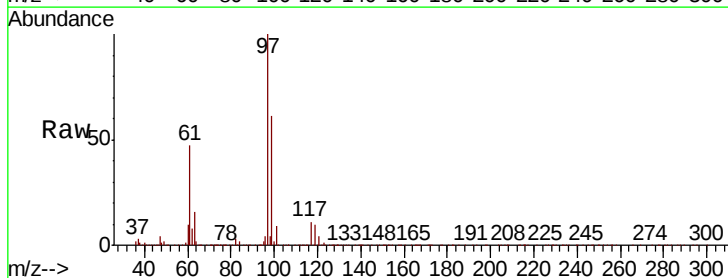
Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.1	97.4	180.8
68	0.4	0.1	0.3#

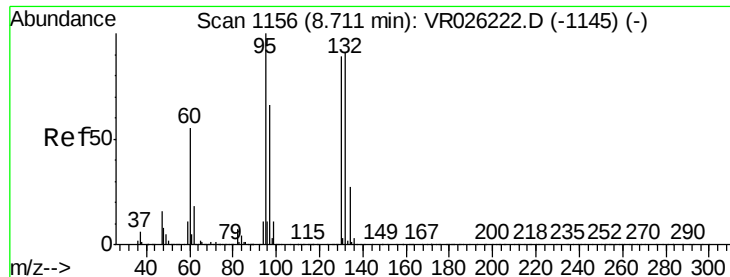


#29

1,1,1-Trichloroethane
 Concen: 9.738 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VR026224.D
 Acq: 19 Nov 2018 16:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.2	78.2
61	49.3	41.6	62.4





#34

Trichloroethene

Concen: 3.432 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026224.D

Acq: 19 Nov 2018 16:44

Instrument :

MSVOA_R

ClientSampled :

E3YA2

Tgt Ion: 95 Resp: 177454

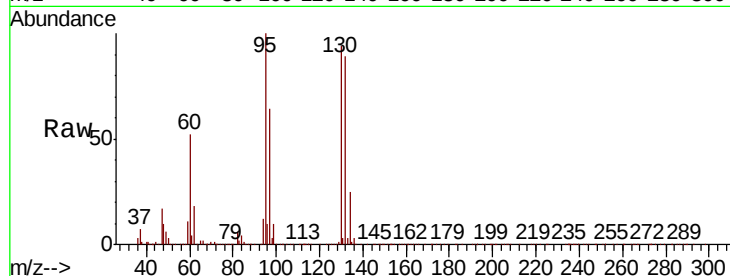
Ion Ratio Lower Upper

95 100

97 64.5 43.5 80.7

132 88.9 58.0 107.6

130 93.8 61.5 114.3



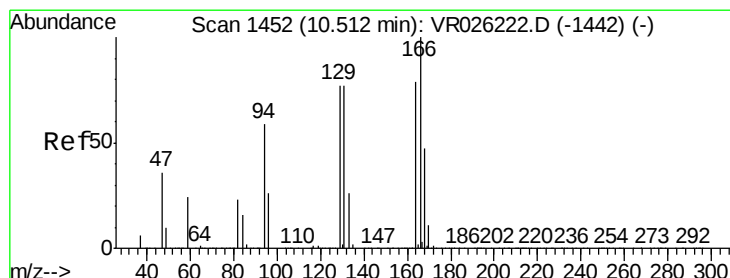
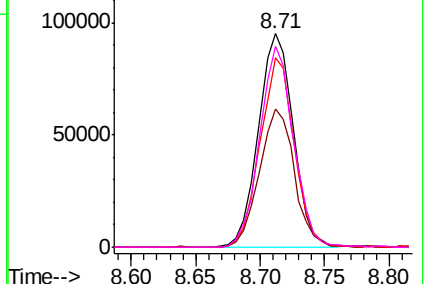
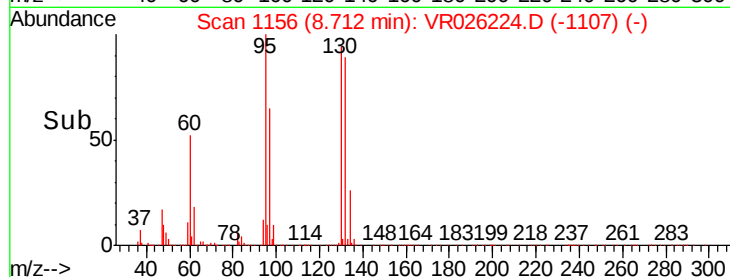
Abundance

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



#47

Tetrachloroethene

Concen: 0.935 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026224.D

Acq: 19 Nov 2018 16:44

Tgt Ion: 164 Resp: 33023

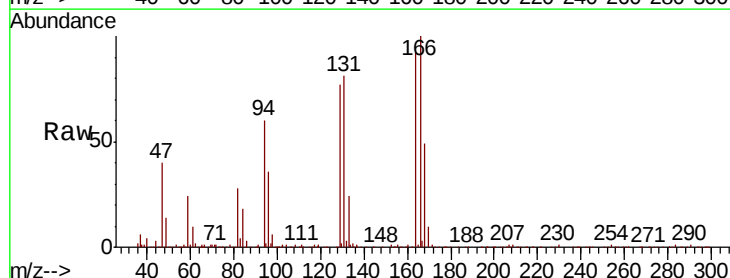
Ion Ratio Lower Upper

164 100

129 82.7 72.3 134.3

131 87.2 73.4 136.2

166 108.1 91.4 169.8



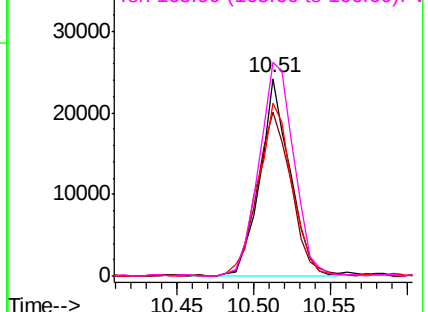
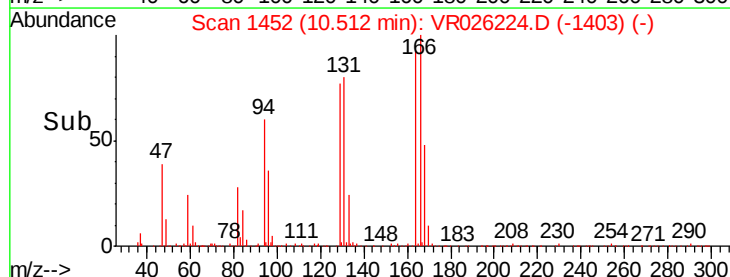
Abundance

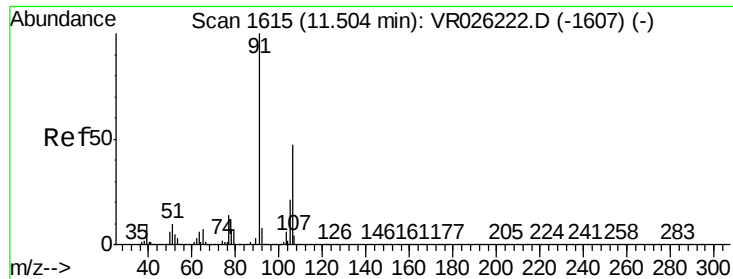
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#53

m,p-Xylene

Concen: 0.125 ug/L

RT: 11.50 min Scan# 1614

Delta R.T. -0.01 min

Lab File: VR026224.D

Acq: 19 Nov 2018 16:44

Instrument :

MSVOA_R

ClientSampleId :

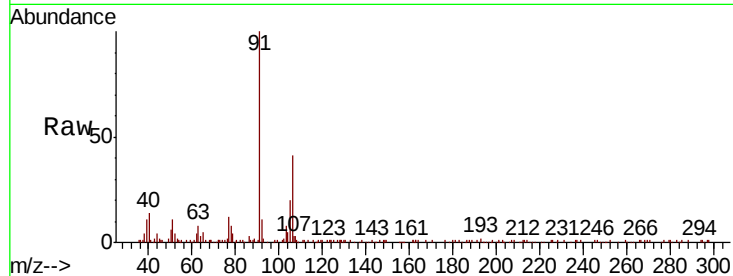
E3YA2

Tgt Ion:106 Resp: 10918

Ion Ratio Lower Upper

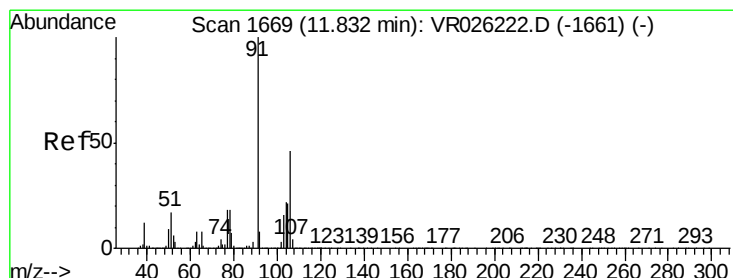
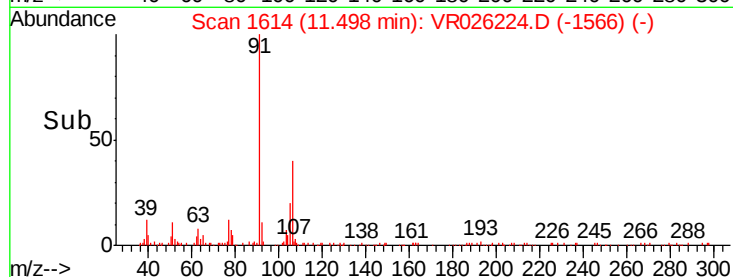
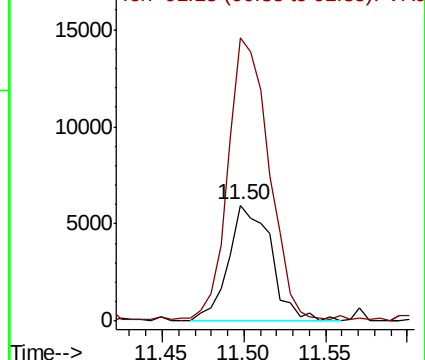
106 100

91 243.4 153.9 285.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.065 ug/L

RT: 11.83 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VR026224.D

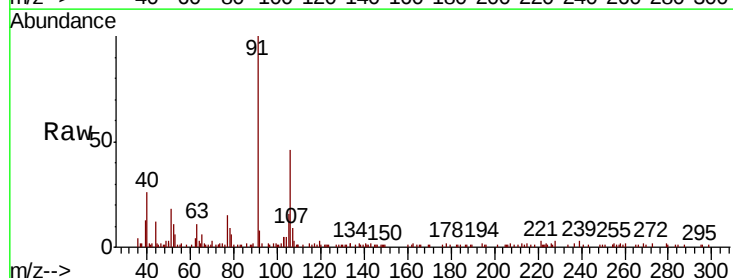
Acq: 19 Nov 2018 16:44

Tgt Ion:106 Resp: 5192

Ion Ratio Lower Upper

106 100

91 217.8 159.5 296.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

