

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025858.D
 Acq On : 26 Sep 2018 11:57
 Operator : SY/MD
 Sample : J5011-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE9F9

Quant Time: Sep 27 08:03:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	378671	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	300327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	99575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	120672	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	2.63	69	108241	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.63	63	226351	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	6.59	46	190168	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	7.20	84	241808	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	7.90	65	107508	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.85	84	493110	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	8.90	67	141865	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	9.97	98	425926	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	10.24	79	23526	2.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.80%
46) 2-Hexanone-d5	10.59	63	136816	48.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53118	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	73542	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

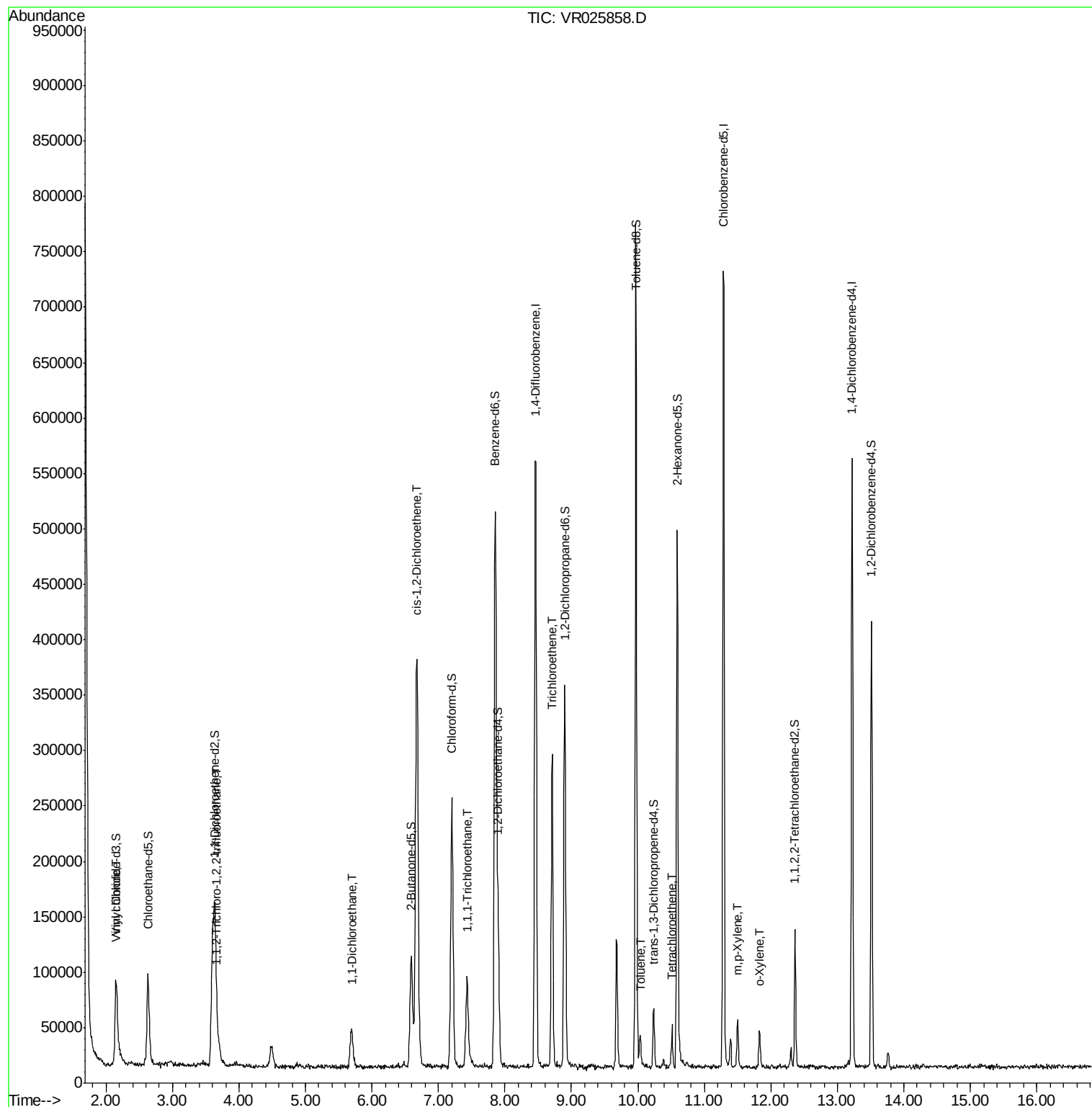
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.16	62	26838	0.660	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	12386	0.403	ug/L	89
19) 1,1-Dichloroethane	5.69	63	52278	0.692	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	201177	5.405	ug/L #	98
29) 1,1,1-Trichloroethane	7.43	97	66343	1.094	ug/L	95
34) Trichloroethene	8.71	95	94147	2.250	ug/L	96
42) Toluene	10.04	91	14922	0.093	ug/L	96
47) Tetrachloroethene	10.51	164	6351	0.265	ug/L	84
53) m,p-Xylene	11.50	106	10774	0.162	ug/L	79
54) o-Xylene	11.83	106	7093	0.116	ug/L	90

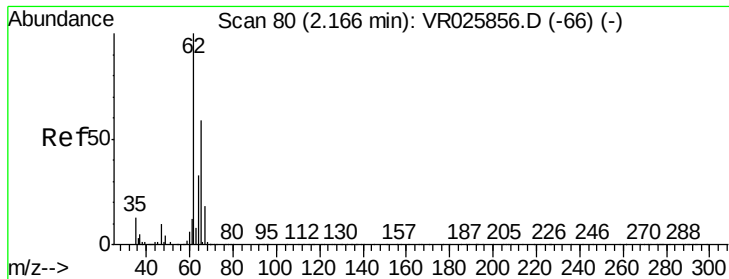
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR092618\
Data File : VR025858.D
Acq On : 26 Sep 2018 11:57
Operator : SY/MD
Sample : J5011-02
Misc : 25mL/MSVOA R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BE9F9

Quant Time: Sep 27 08:03:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:50:08 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.660 ug/L

RT: 2.16 min Scan# 79

Delta R.T. -0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

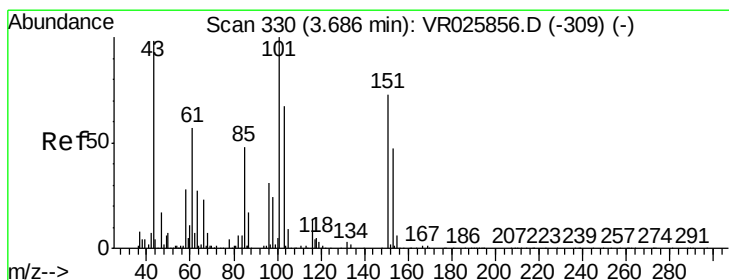
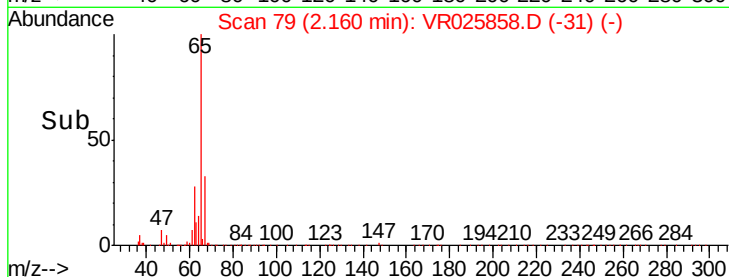
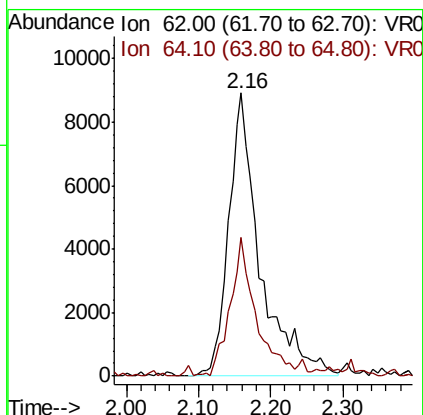
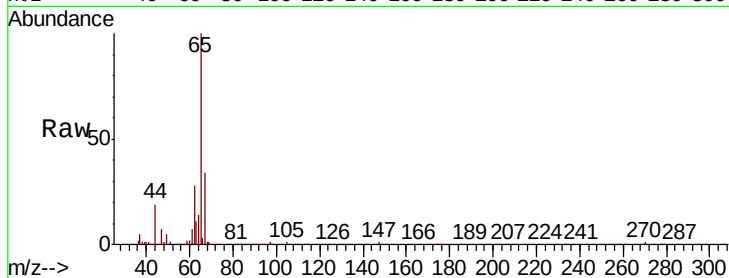
BE9F9

Tot Ion: 62 Resp: 26838

Ion Ratio Lower Upper

62 100

64 49.2 23.5 43.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.403 ug/L

RT: 3.67 min Scan# 328

Delta R.T. -0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

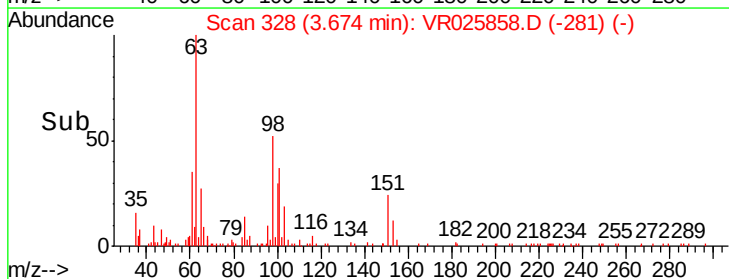
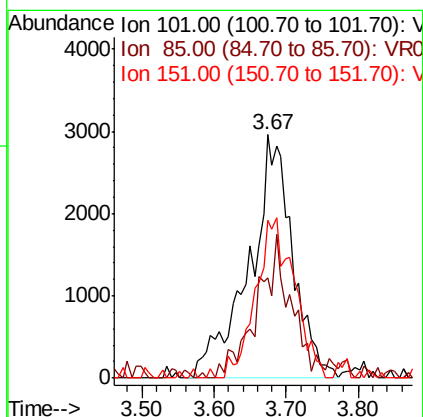
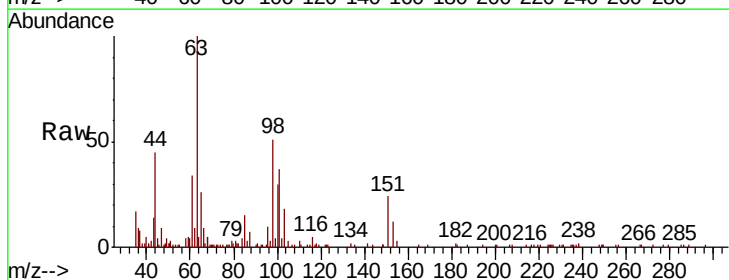
Tgt Ion: 101 Resp: 12386

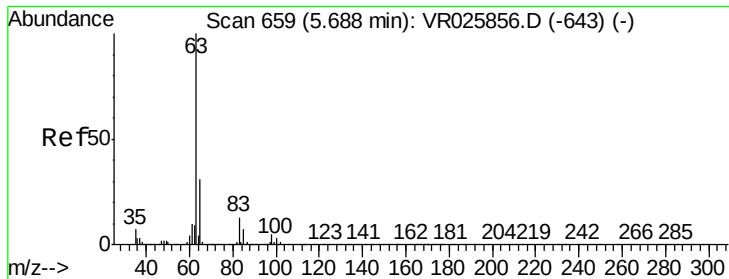
Ion Ratio Lower Upper

101 100

85 46.1 38.2 57.4

151 58.5 58.4 87.6





#19

1,1-Dichloroethane

Concen: 0.692 ug/L

RT: 5.69 min Scan# 660

Delta R.T. 0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

BE9F9

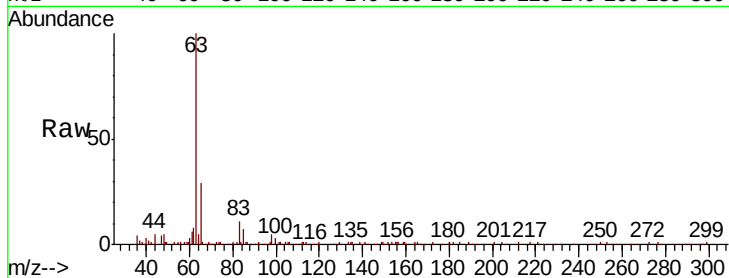
Tot Ion: 63 Resp: 52278

Ion Ratio Lower Upper

63 100

65 28.7 21.1 39.1

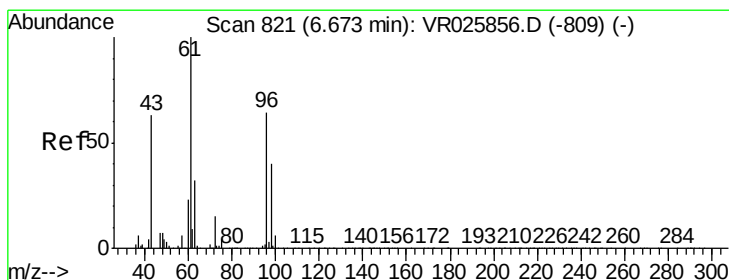
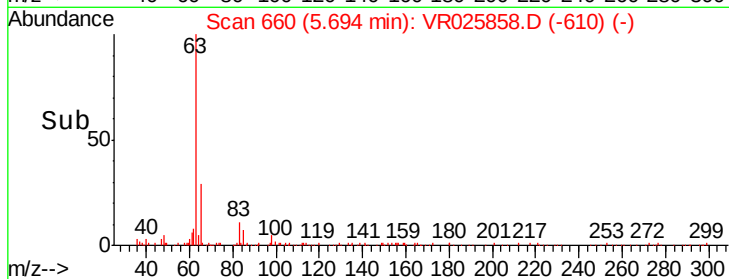
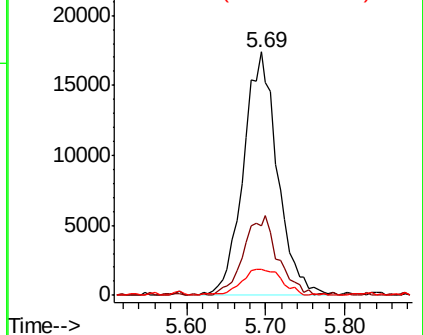
83 10.8 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 5.405 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.00 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

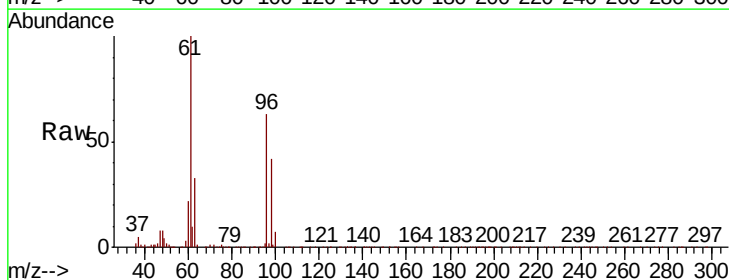
Tgt Ion: 96 Resp: 201177

Ion Ratio Lower Upper

96 100

61 158.4 108.7 201.9

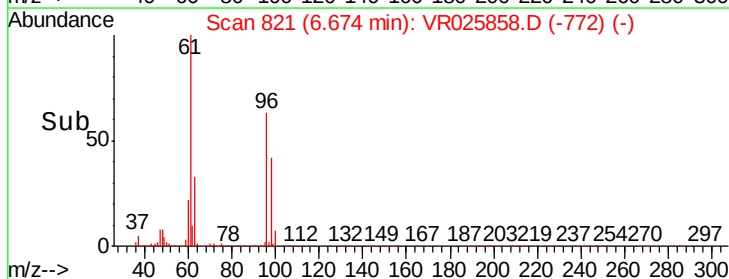
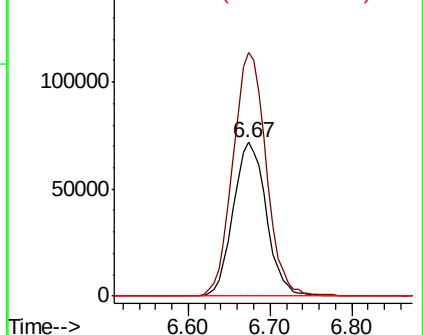
68 0.2 0.1 0.1#

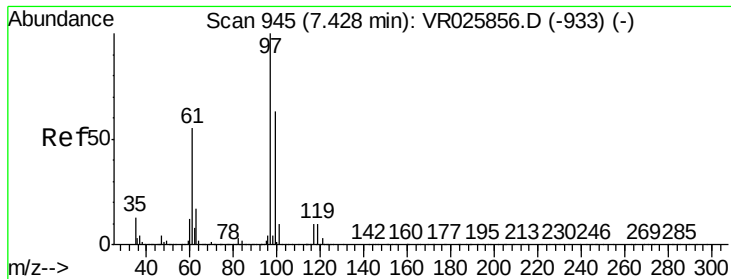


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#29

1,1,1-Trichloroethane

Concen: 1.094 ug/L

RT: 7.43 min Scan# 945

Delta R.T. 0.00 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

BE9F9

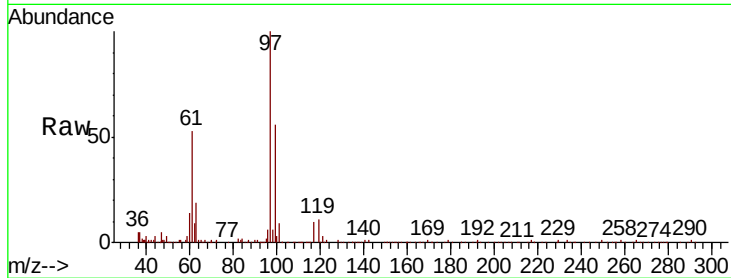
Tot Ion: 97 Resp: 66343

Ion Ratio Lower Upper

97 100

99 60.7 51.0 76.6

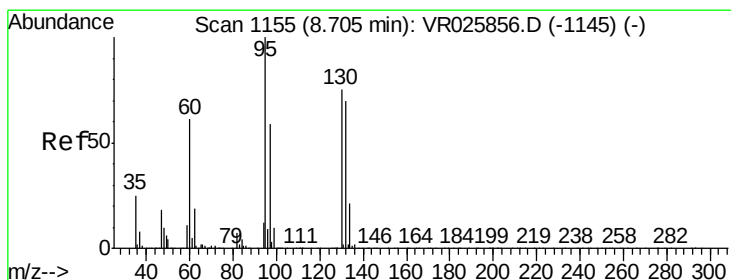
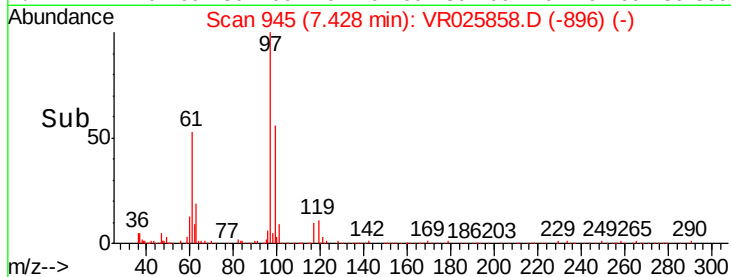
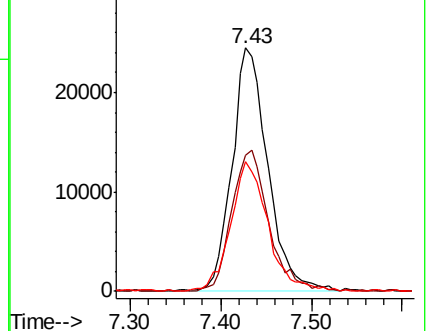
61 56.2 41.6 62.4



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: 2.250 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Tgt Ion: 95 Resp: 94147

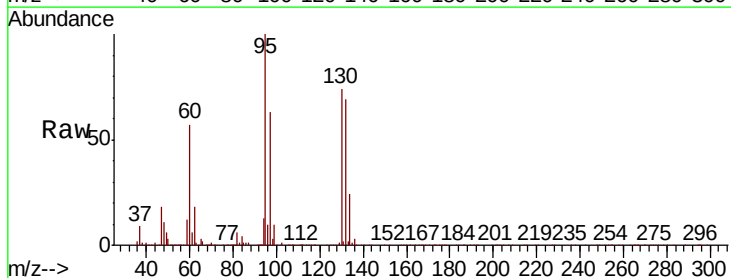
Ion Ratio Lower Upper

95 100

97 62.8 43.9 81.5

132 68.7 53.3 98.9

130 73.6 53.8 99.8

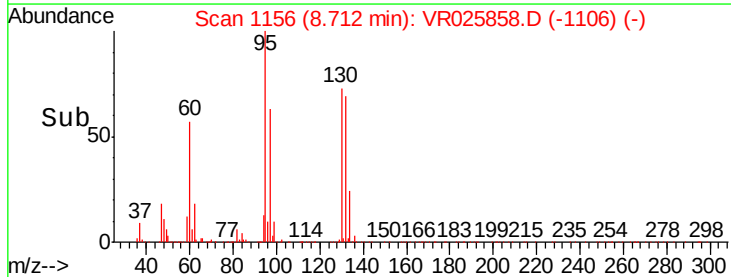
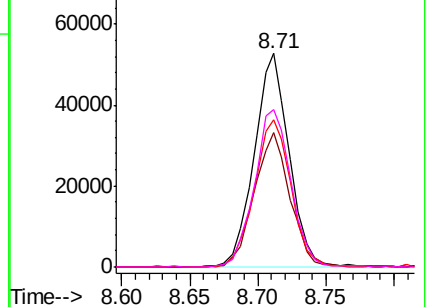


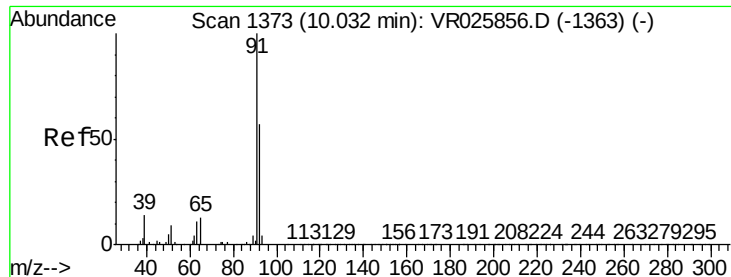
Abundance Ion 95.00 (94.70 to 95.70): VR0

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





#42

Toluene

Concen: 0.093 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Instrument :

MSVOA_R

ClientSampled :

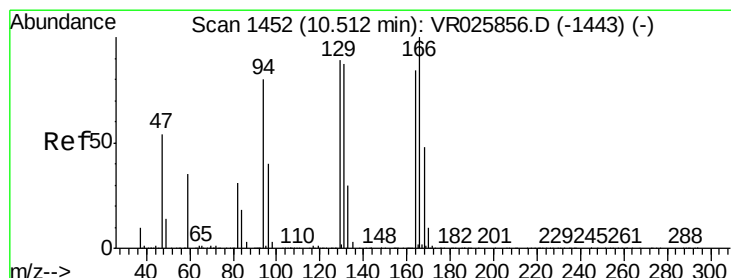
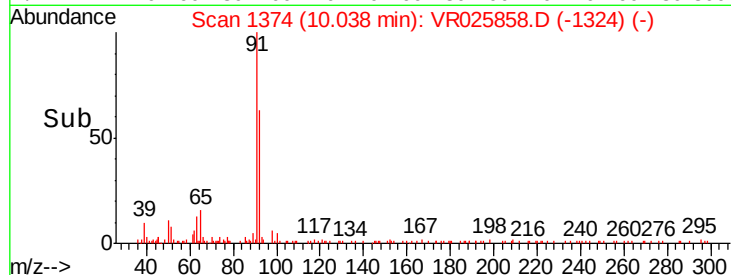
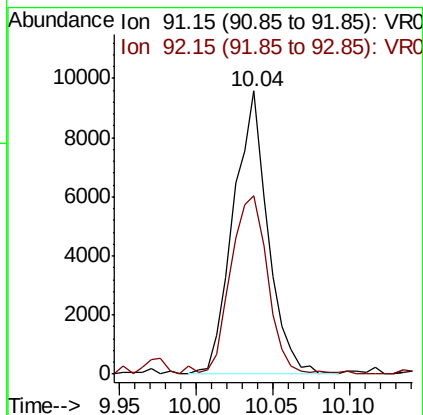
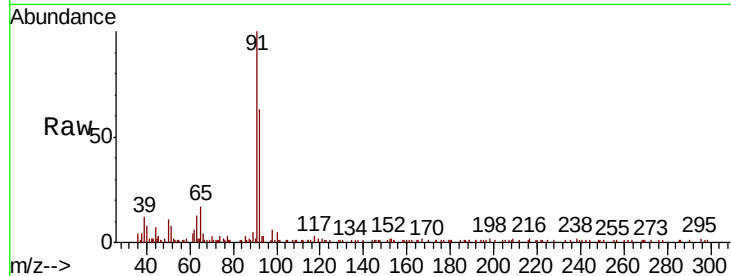
BE9F9

Tot Ion: 91 Resp: 14922

Ion Ratio Lower Upper

91 100

92 63.1 41.8 77.6



#47

Tetrachloroethene

Concen: 0.265 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Tgt Ion: 164 Resp: 6351

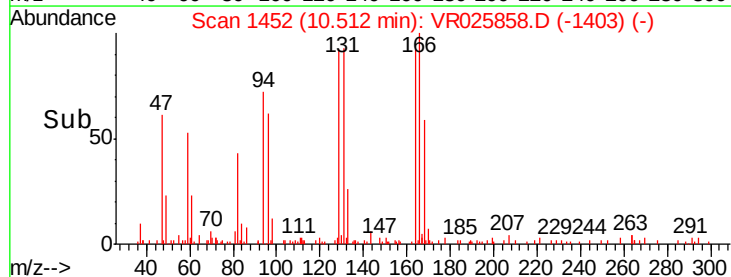
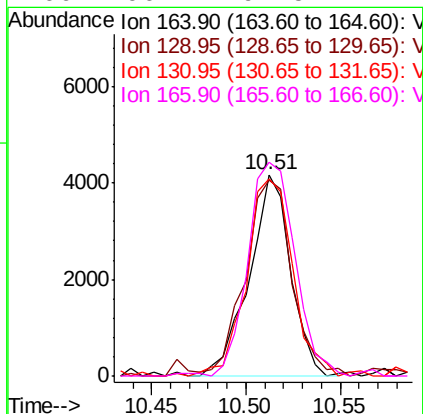
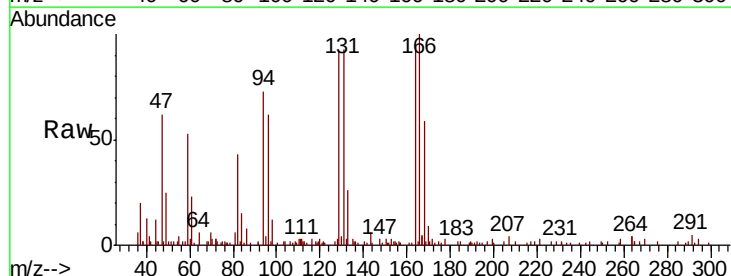
Ion Ratio Lower Upper

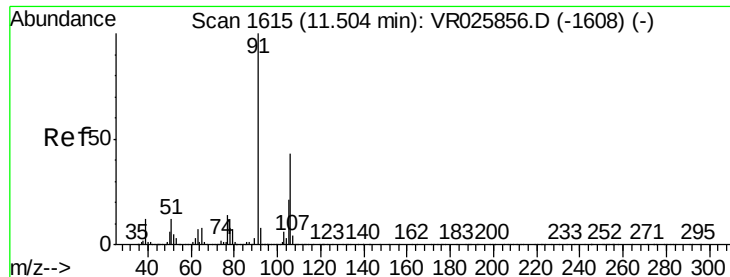
164 100

129 97.3 80.8 150.2

131 98.2 74.5 138.3

166 106.2 92.5 171.7





#53

m,p-Xylene

Concen: 0.162 ug/L

RT: 11.50 min Scan# 1614

Delta R.T. -0.01 min

Lab File: VR025858.D

Acq: 26 Sep 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

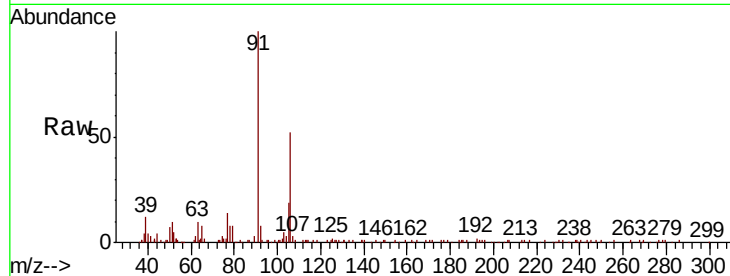
BE9F9

Tot Ion:106 Resp: 10774

Ion Ratio Lower Upper

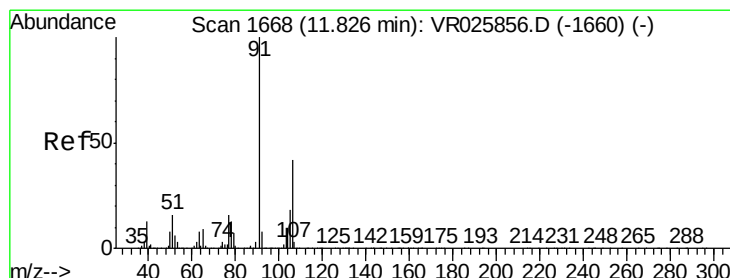
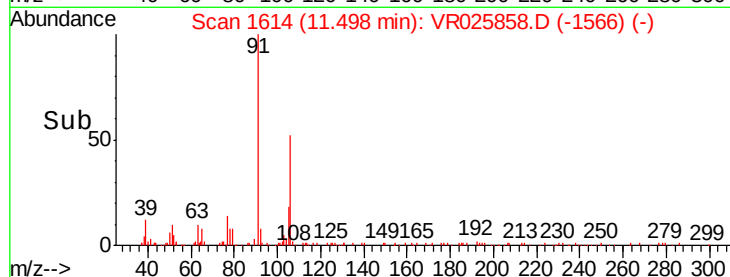
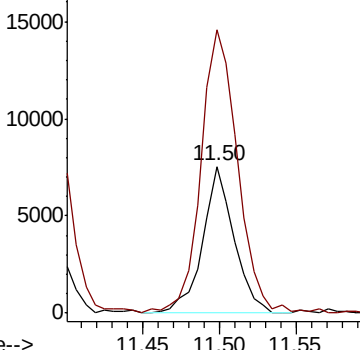
106 100

91 192.9 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.116 ug/L

RT: 11.83 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VR025858.D

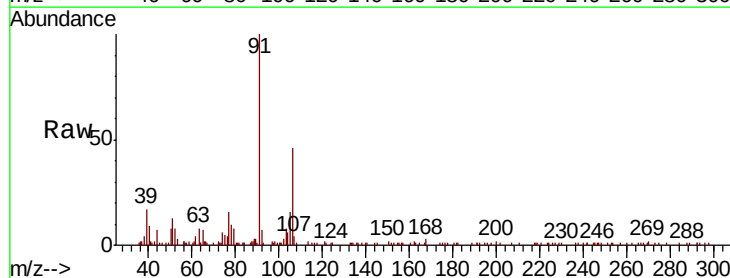
Acq: 26 Sep 2018 11:57

Tgt Ion:106 Resp: 7093

Ion Ratio Lower Upper

106 100

91 217.9 164.5 305.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

