

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101018\
 Data File : VR026034.D
 Acq On : 10 Oct 2018 17:46
 Operator : SY/MD
 Sample : J5379-09MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MSD

Quant Time: Oct 11 05:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 04:11:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	429090	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	374481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	131411	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	2.63	69	129233	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	3.64	63	352598	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	6.59	46	201534	53.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	7.20	84	251862	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.90	65	123116	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	461021	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	8.90	67	142076	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	9.97	98	408785	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	10.24	79	33055	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	165938	57.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64233	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	92266	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

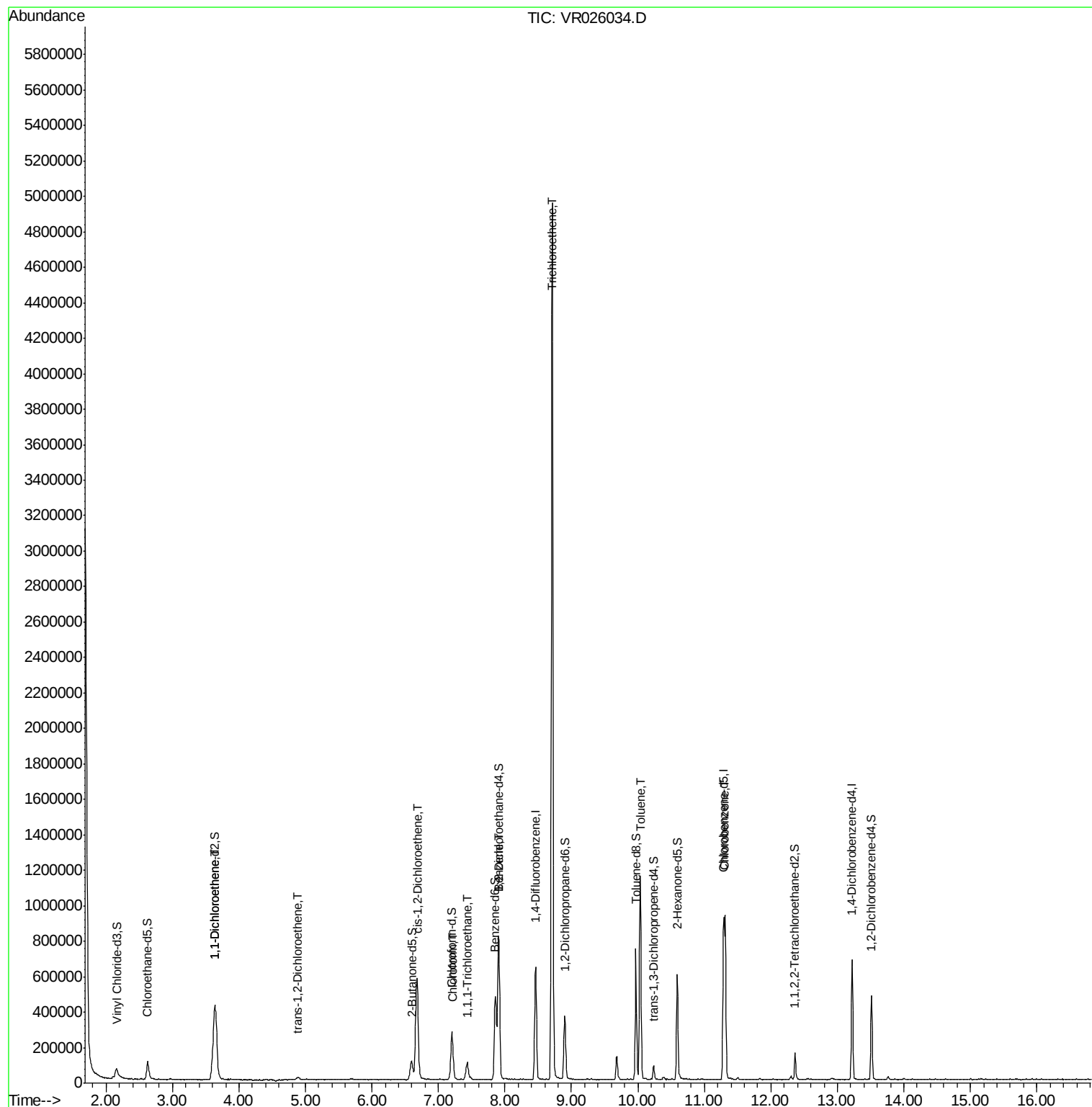
					Ovalue
12) 1,1-Dichloroethene	3.64	96	196959	6.081	ug/L 81
18) trans-1,2-Dichloroethene	4.88	96	6515	0.243	ug/L # 51
22) cis-1,2-Dichloroethene	6.68	96	304179	11.284	ug/L 93
25) Chloroform	7.22	83	8525	0.165	ug/L 89
29) 1,1,1-Trichloroethane	7.43	97	78330	1.860	ug/L 95
33) Benzene	7.91	78	632660	5.037	ug/L 100
34) Trichloroethene	8.71	95	1479928	44.717	ug/L 91
42) Toluene	10.04	91	707831	5.423	ug/L 97
51) Chlorobenzene	11.32	112	376460	5.438	ug/L 94

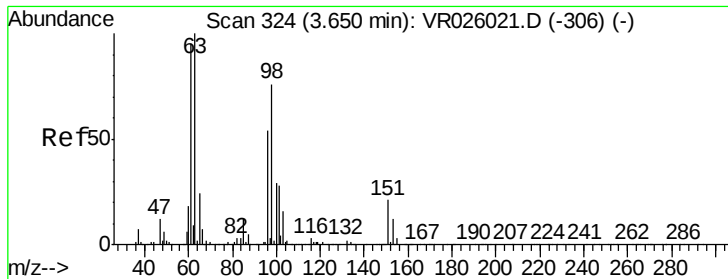
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25mL/MSVOA R/WATER
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Quant Time: Oct 11 05:04:37 2018
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.081 ug/L

RT: 3.64 min Scan# 323

Delta R.T. -0.01 min

Lab File: VR026034.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_R

ClientSampleId :

H42A7MSD

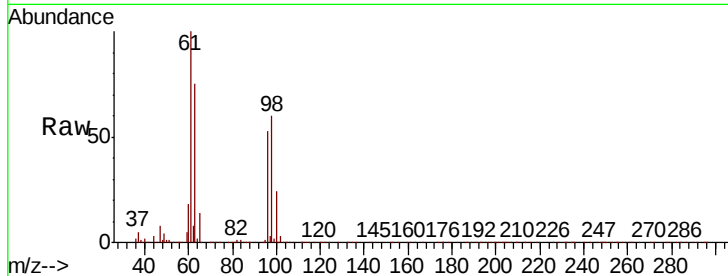
Tot Ion: 96 Resp: 196959

Ion Ratio Lower Upper

96 100

61 187.2 145.0 269.4

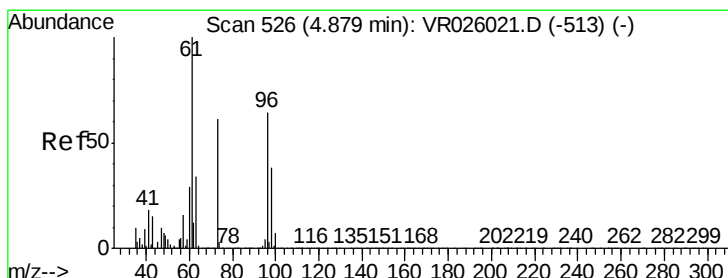
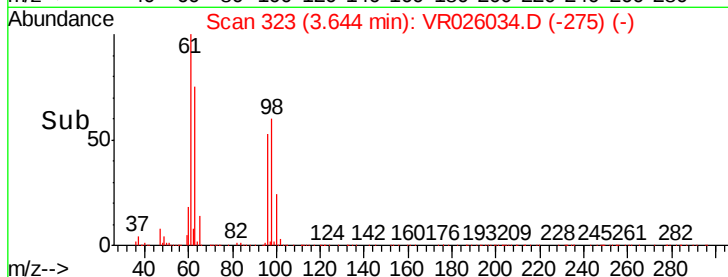
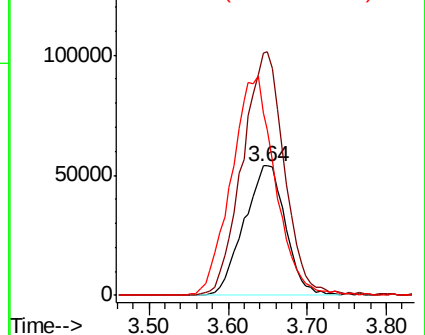
63 140.7 123.8 230.0



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#18

trans-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.88 min Scan# 526

Delta R.T. -0.00 min

Lab File: VR026034.D

Acq: 10 Oct 2018 17:46

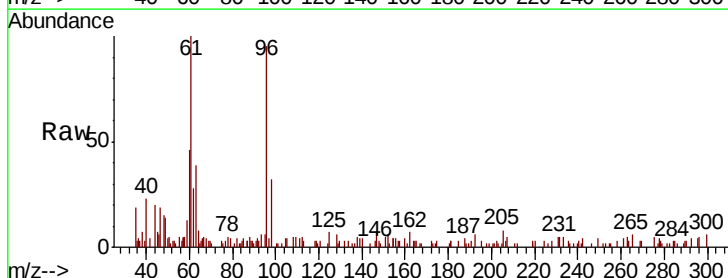
Tgt Ion: 96 Resp: 6515

Ion Ratio Lower Upper

96 100

61 105.8 127.4 236.6#

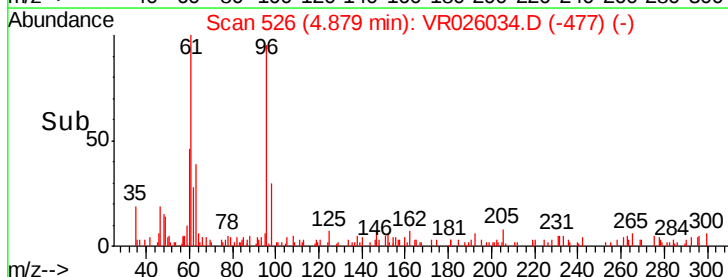
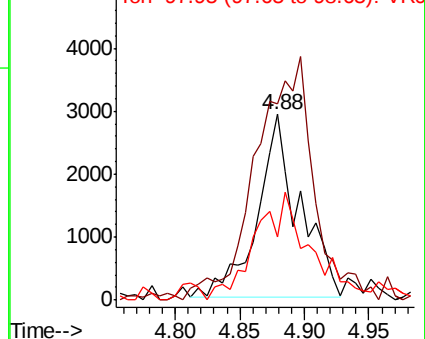
98 33.9 43.8 81.3#

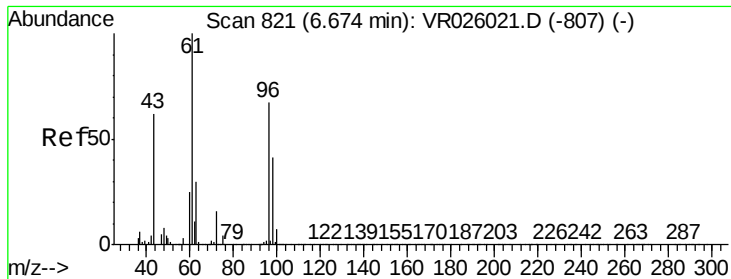


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



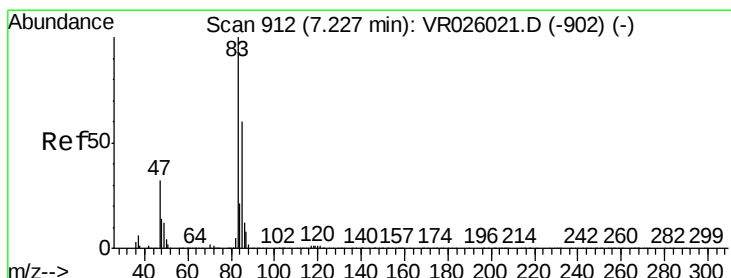
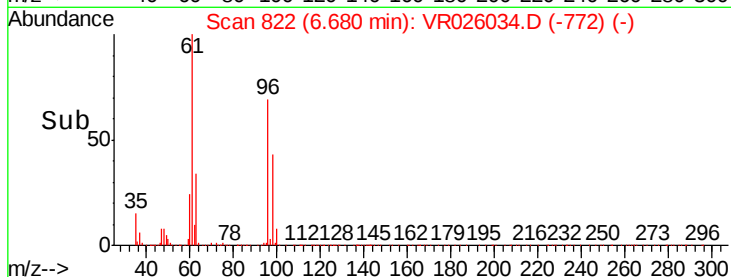
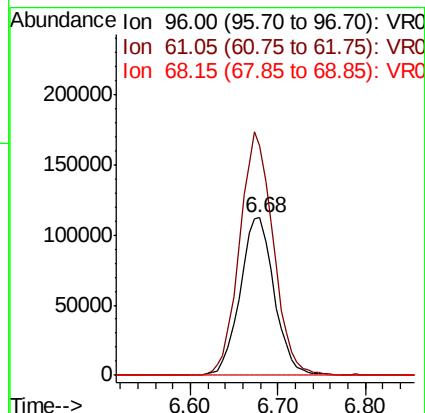
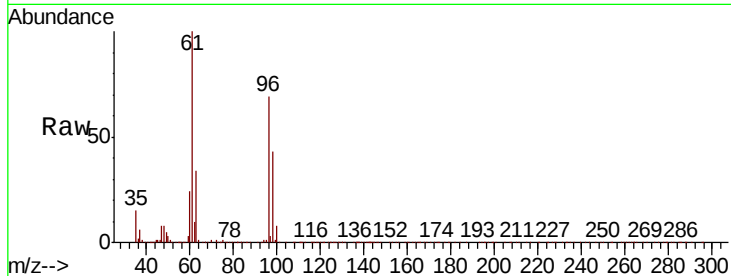


#22

cis-1,2-Dichloroethene
 Concen: 11.284 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: VR026034.D
 Acq: 10 Oct 2018 17:46

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MSD

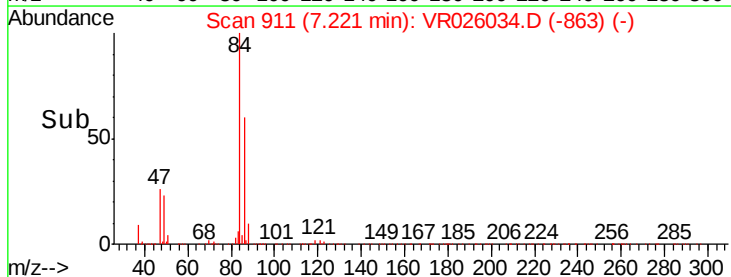
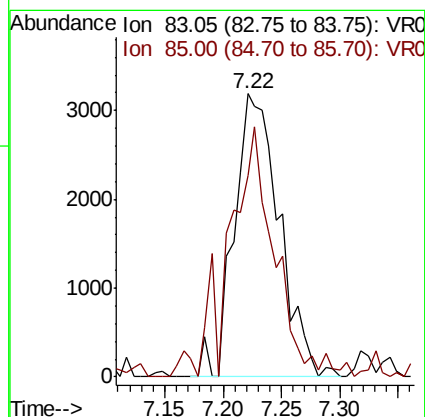
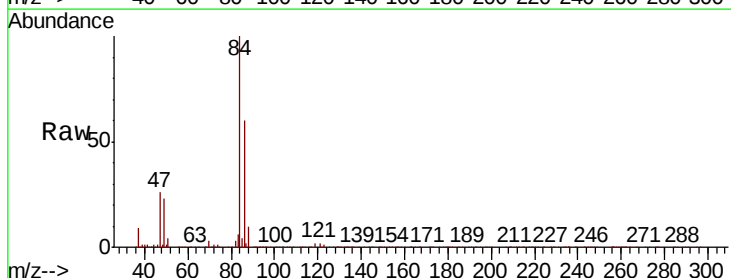
Tot Ion	96	Resp	304179
Ion Ratio	Lower	Upper	
96	100		
61	145.6	108.7	201.9
68	0.1	0.1	0.1

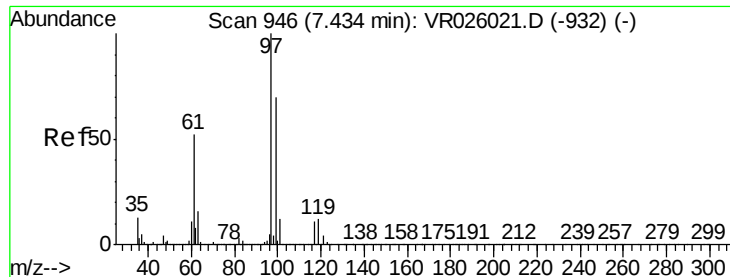


#25

Chloroform
 Concen: 0.165 ug/L
 RT: 7.22 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: VR026034.D
 Acq: 10 Oct 2018 17:46

Tgt Ion	83	Resp	8525
Ion Ratio	Lower	Upper	
83	100		
85	71.1	43.8	81.4

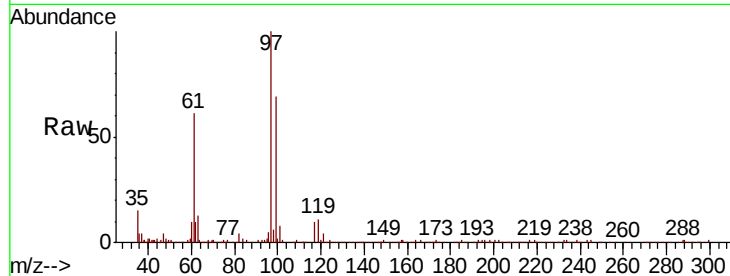




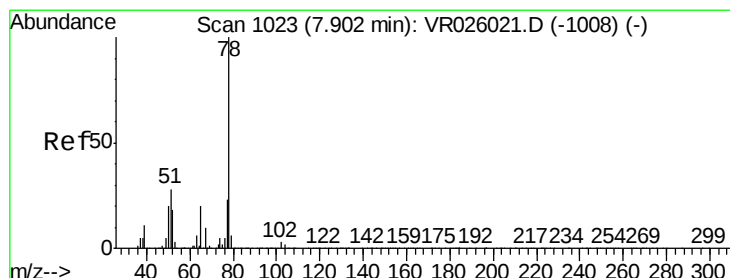
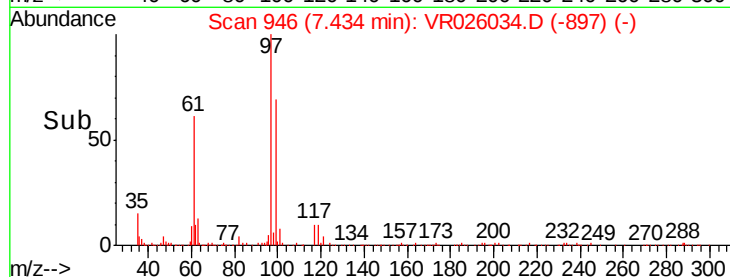
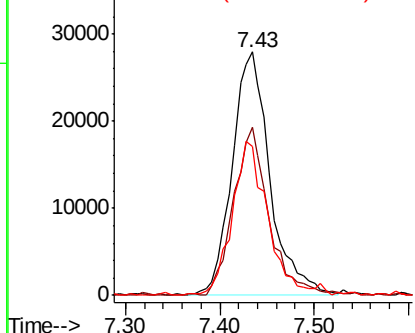
#29
1,1,1-Trichloroethane
Concen: 1.860 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.00 min
Lab File: VR026034.D
Acq: 10 Oct 2018 17:46

Instrument :
MSVOA_R
ClientSampleId :
H42A7MSD

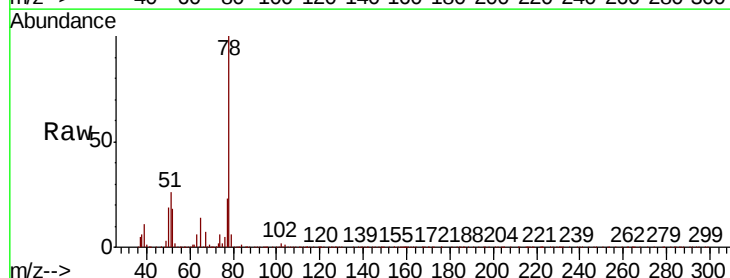
Tot Ion: 97 Resp: 78330
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 59.3 41.6 62.4



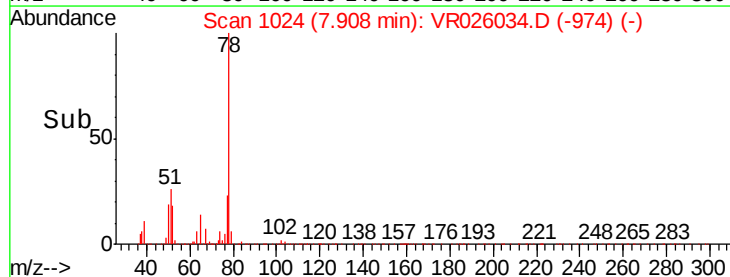
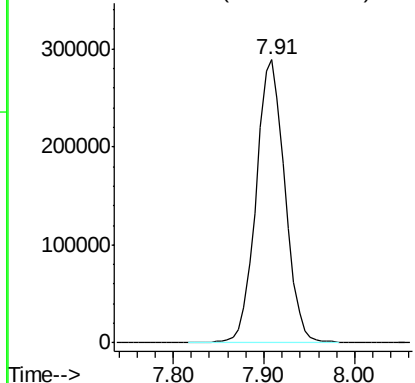
Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

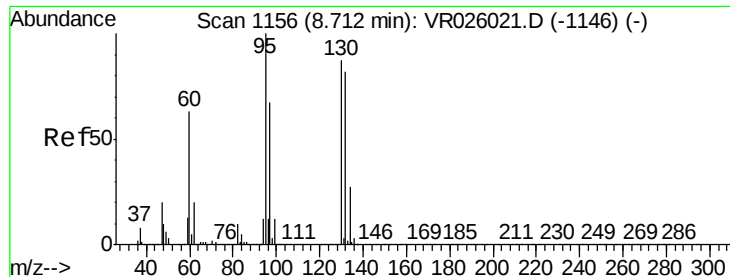


#33
Benzene
Concen: 5.037 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VR026034.D
Acq: 10 Oct 2018 17:46
Tgt Ion: 78 Resp: 632660



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 44.717 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026034.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_R

ClientSampleId :

H42A7MSD

Tot Ion: 95 Resp: 1479928

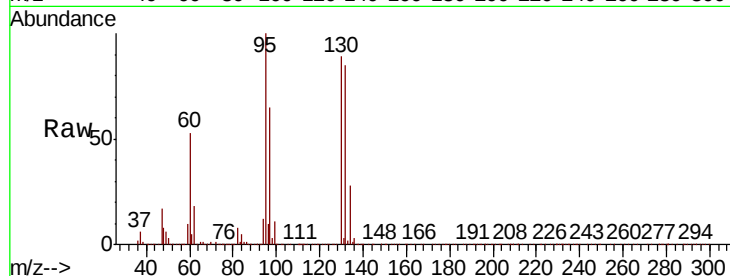
Ion Ratio Lower Upper

95 100

97 64.6 43.9 81.5

132 85.3 53.3 98.9

130 88.8 53.8 99.8

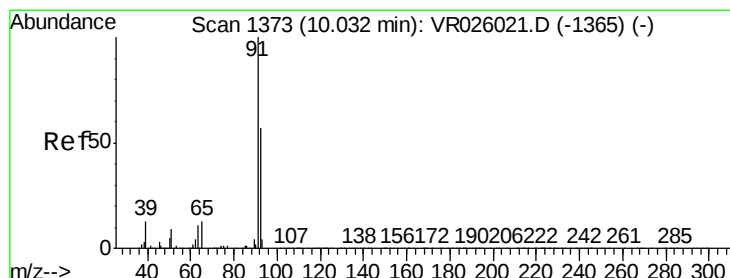
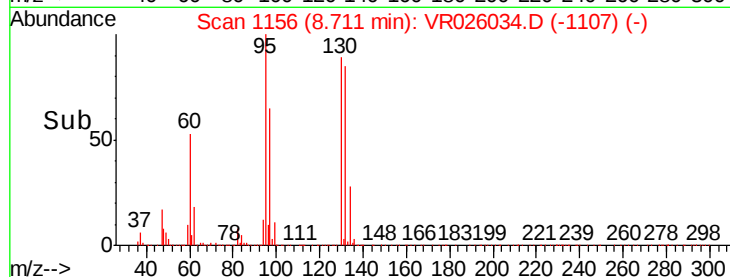
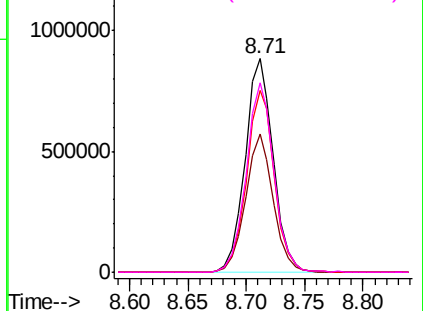


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.423 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VR026034.D

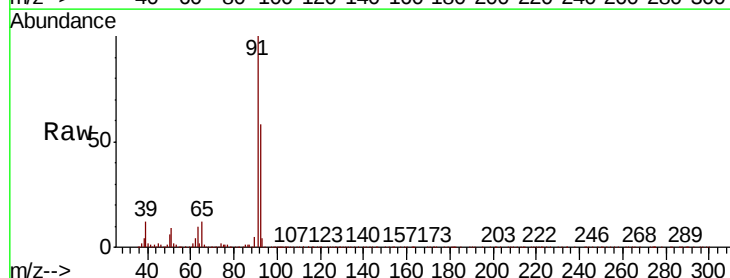
Acq: 10 Oct 2018 17:46

Tgt Ion: 91 Resp: 707831

Ion Ratio Lower Upper

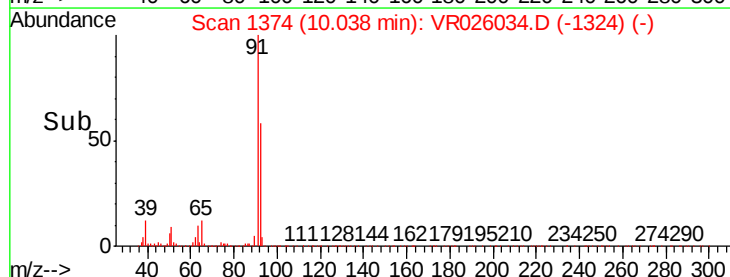
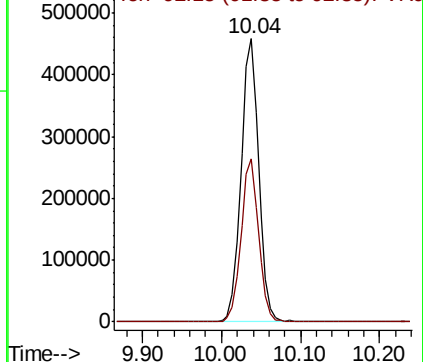
91 100

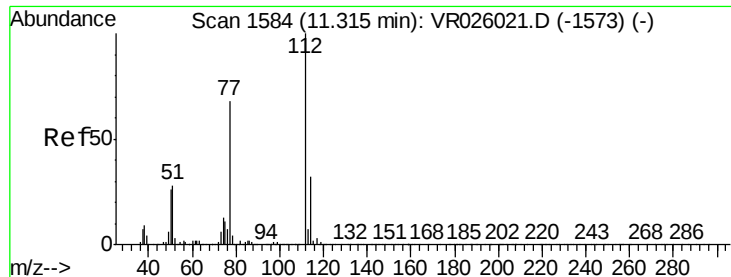
92 57.6 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0





#51
 Chlorobenzene
 Concen: 5.438 ug/L
 RT: 11.32 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VR026034.D
 Acq: 10 Oct 2018 17:46

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.7	42.3
77	65.9	58.5	87.7

