

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101018\
 Data File : VR026033.D
 Acq On : 10 Oct 2018 17:13
 Operator : SY/MD
 Sample : J5379-08MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MS

Quant Time: Oct 11 05:01:18 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	434365	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	389109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	135634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	137228	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	2.63	69	134414	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.63	63	366528	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	6.60	46	212369	55.61	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.22%
24) Chloroform-d	7.20	84	261247	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.90	65	128892	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	7.85	84	489154	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	8.90	67	152505	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	9.97	98	432267	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	10.24	79	34253	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	169881	56.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69403	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	98424	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

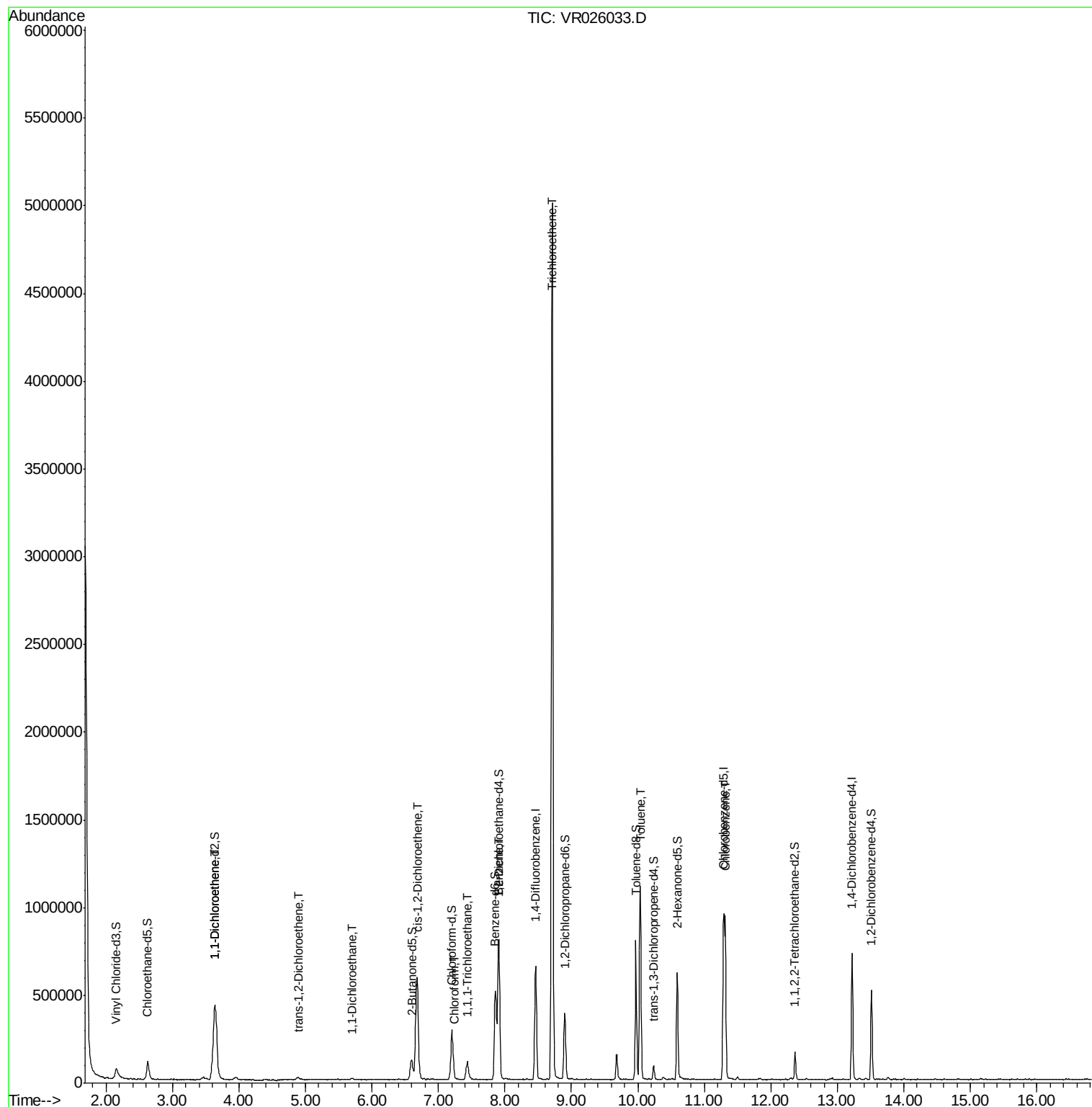
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.64	96	195351	5.958	ug/L	84
18) trans-1,2-Dichloroethene	4.89	96	6600	0.243	ug/L #	77
19) 1,1-Dichloroethane	5.69	63	7170	0.134	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	305338	11.190	ug/L #	95
25) Chloroform	7.24	83	7939	0.152	ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	83549	1.909	ug/L	97
33) Benzene	7.91	78	633789	4.856	ug/L	100
34) Trichloroethene	8.71	95	1509406	43.893	ug/L	89
42) Toluene	10.04	91	700710	5.167	ug/L	96
51) Chlorobenzene	11.32	112	370142	5.145	ug/L	96

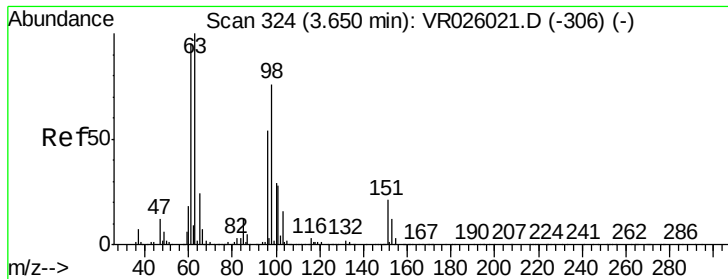
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR101018\
Data File : VR026033.D
Acq On : 10 Oct 2018 17:13
Operator : SY/MD
Sample : J5379-08MS
Misc : 25mL/MSVOA R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H42A7MS

Quant Time: Oct 11 05:01:18 2018
Quant Method : Z:\V0ASRV\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

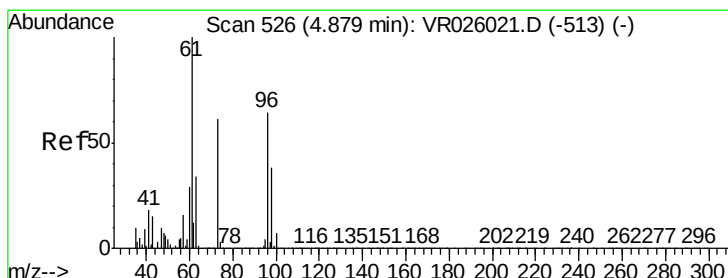
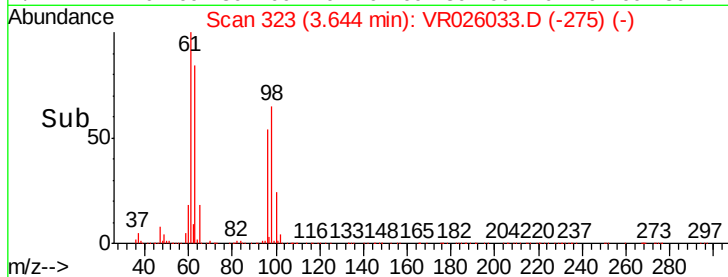
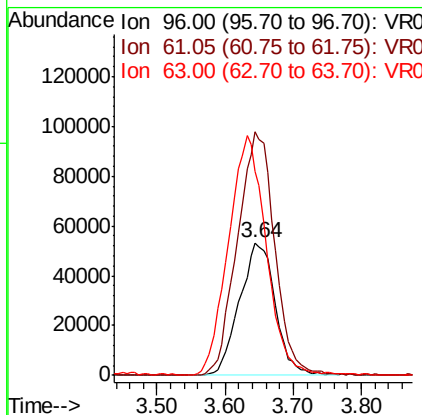
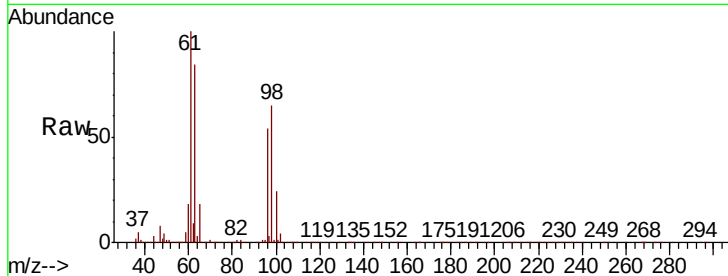




#12
 1,1-Dichloroethene
 Concen: 5.958 ug/L
 RT: 3.64 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VR026033.D
 Acq: 10 Oct 2018 17:13

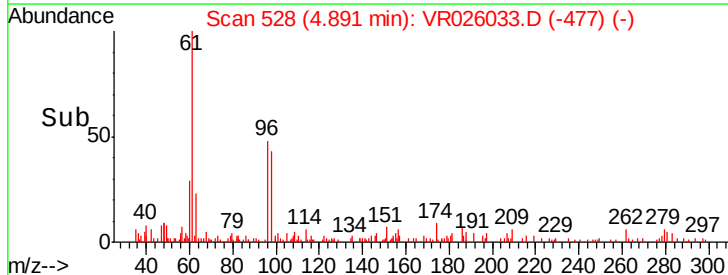
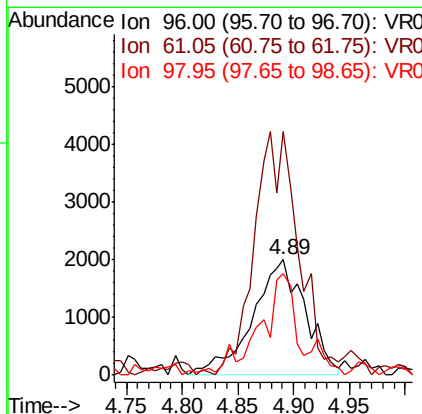
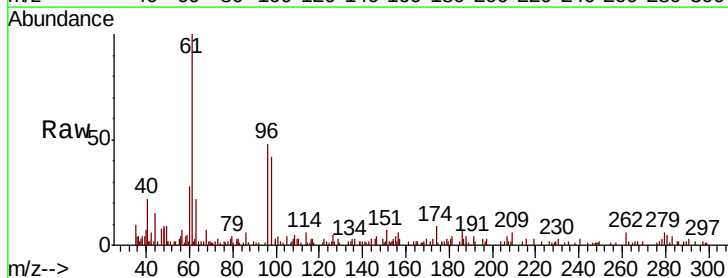
Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MS

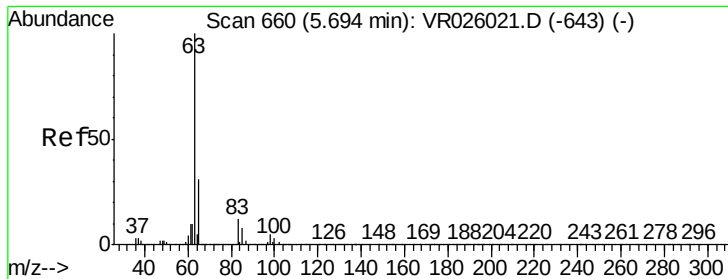
Tot Ion	96	Resp	195351
Ion Ratio	Lower	Upper	
96	100		
61	183.9	145.0	269.4
63	154.1	123.8	230.0



#18
 trans-1,2-Dichloroethene
 Concen: 0.243 ug/L
 RT: 4.89 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VR026033.D
 Acq: 10 Oct 2018 17:13

Tgt Ion	96	Resp	6600
Ion Ratio	Lower	Upper	
96	100		
61	210.4	127.4	236.6
98	88.1	43.8	81.3#

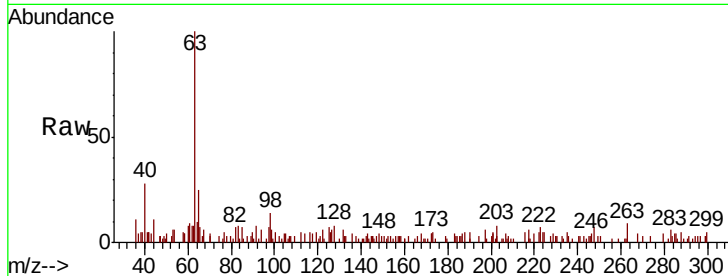




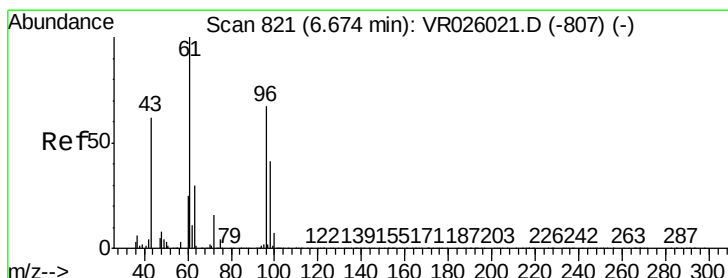
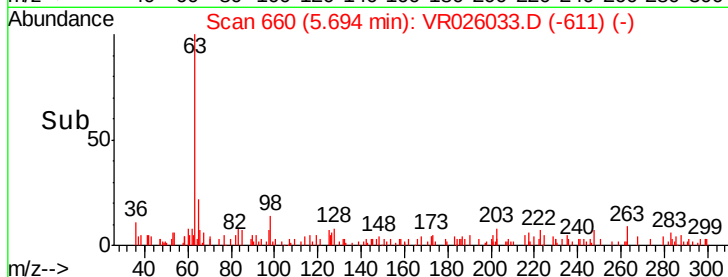
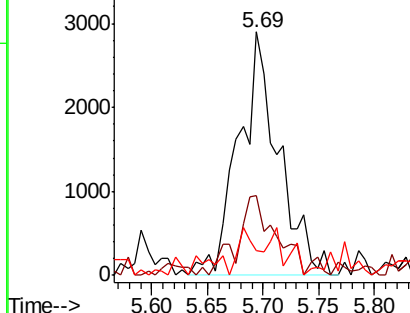
#19
 1,1-Dichloroethane
 Concen: 0.134 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VR026033.D
 Acq: 10 Oct 2018 17:13

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7MS

Tot Ion:	63	Resp:	7170
Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.1	39.1
83	10.4	8.9	16.5

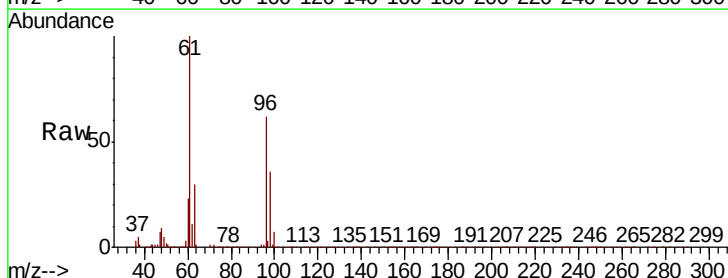


Abundance Ion 63.10 (62.80 to 63.80): VR0
 Ion 65.10 (64.80 to 65.80): VR0
 Ion 83.05 (82.75 to 83.75): VR0

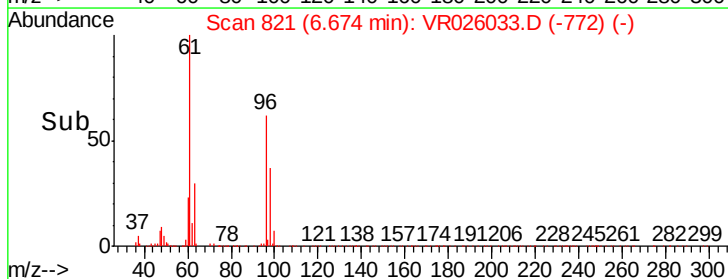
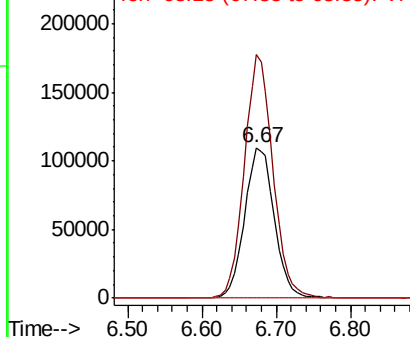


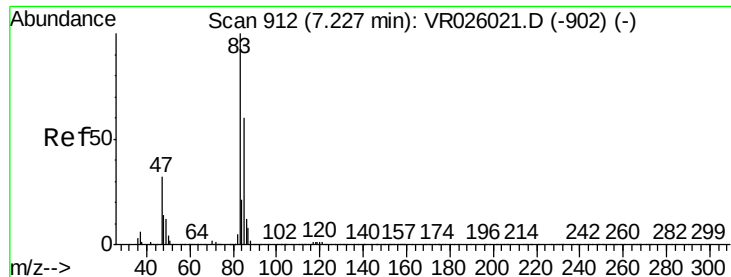
#22
 cis-1,2-Dichloroethene
 Concen: 11.190 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: VR026033.D
 Acq: 10 Oct 2018 17:13

Tgt Ion:	96	Resp:	305338
Ion	Ratio	Lower	Upper
96	100		
61	161.5	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





#25

Chloroform

Concen: 0.152 ug/L

RT: 7.24 min Scan# 914

Delta R.T. 0.01 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

Instrument :

MSVOA_R

ClientSampleId :

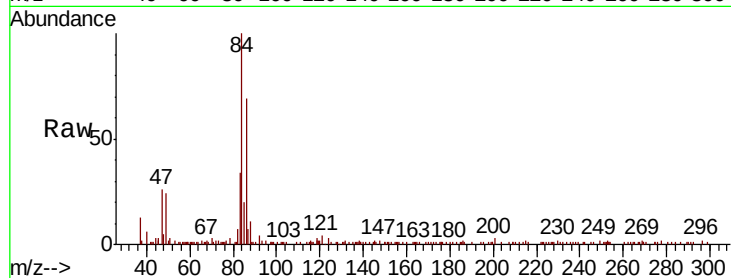
H42A7MS

Tot Ion: 83 Resp: 7939

Ion Ratio Lower Upper

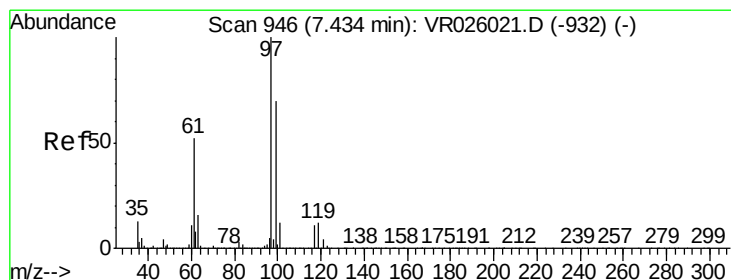
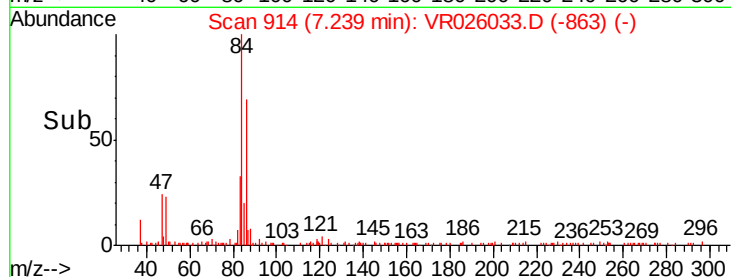
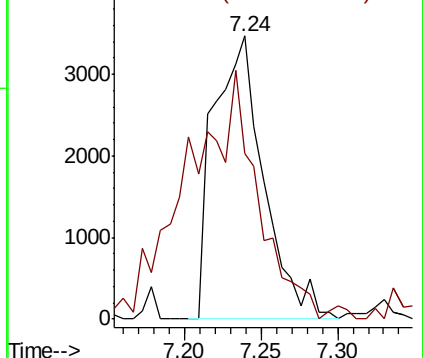
83 100

85 58.7 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#29

1,1,1-Trichloroethane

Concen: 1.909 ug/L

RT: 7.43 min Scan# 946

Delta R.T. -0.00 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

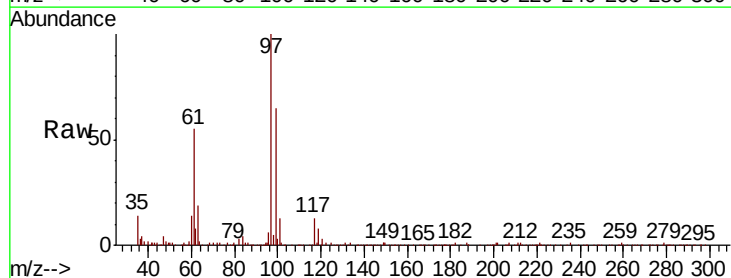
Tgt Ion: 97 Resp: 83549

Ion Ratio Lower Upper

97 100

99 66.1 51.0 76.6

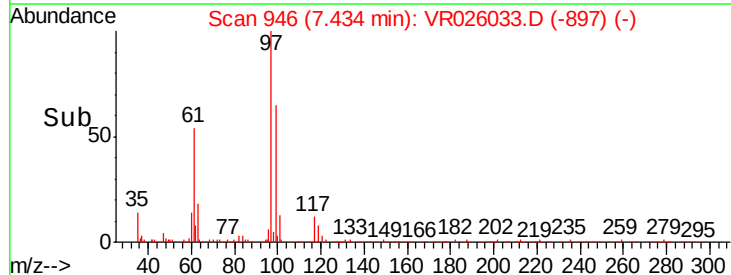
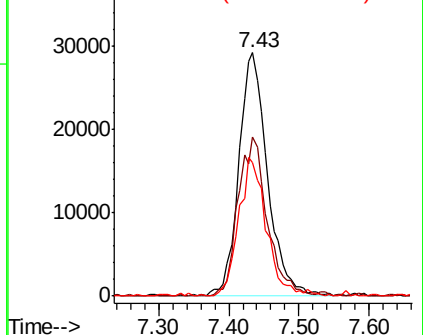
61 54.3 41.6 62.4

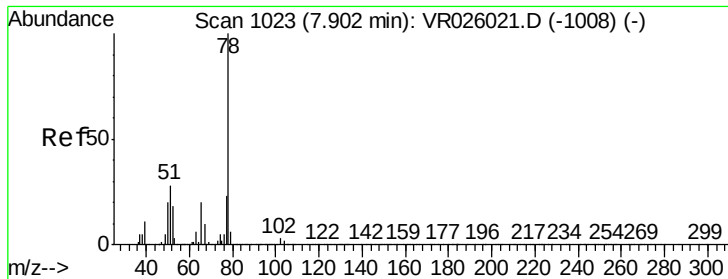


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0





#33

Benzene

Concen: 4.856 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. 0.01 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

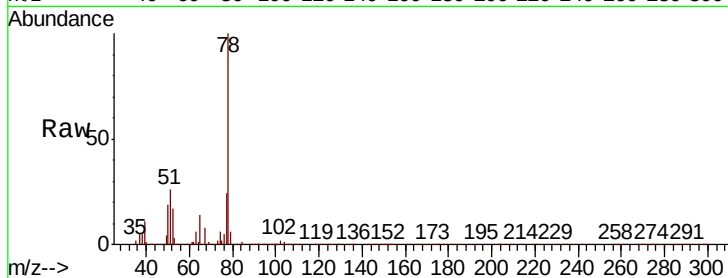
Instrument :

MSVOA_R

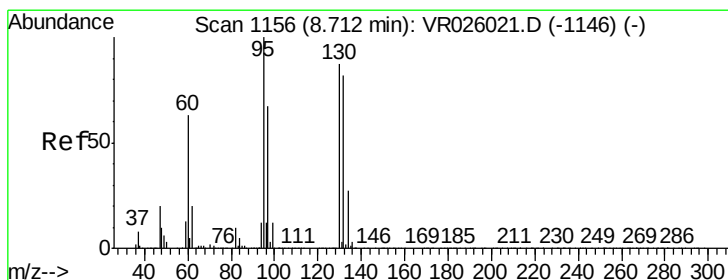
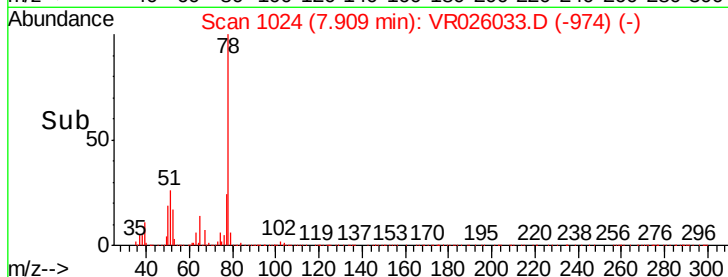
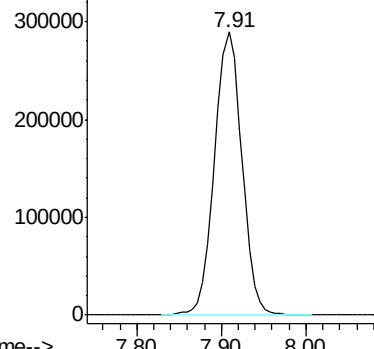
ClientSampleId :

H42A7MS

Tgt Ion: 78 Resp: 633789



Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 43.893 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

Tgt Ion: 95 Resp: 1509406

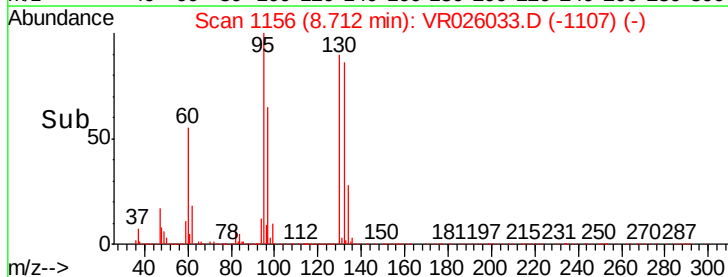
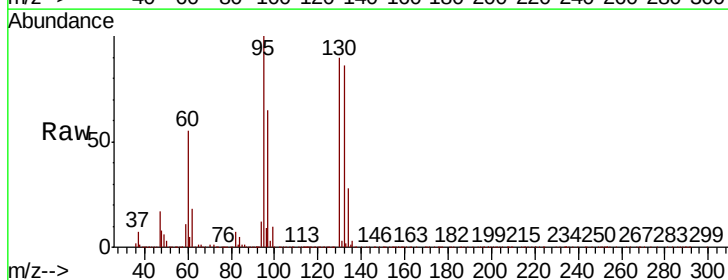
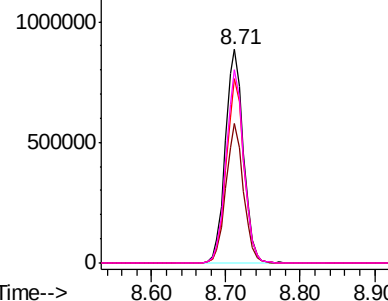
Ion	Ratio	Lower	Upper
95	100		
97	65.3	43.9	81.5
132	86.0	53.3	98.9
130	90.3	53.8	99.8

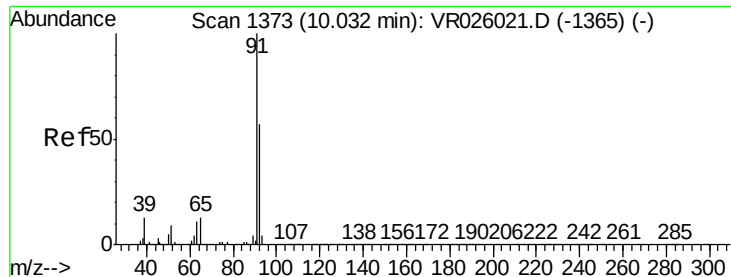
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.167 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

Instrument :

MSVOA_R

ClientSampleId :

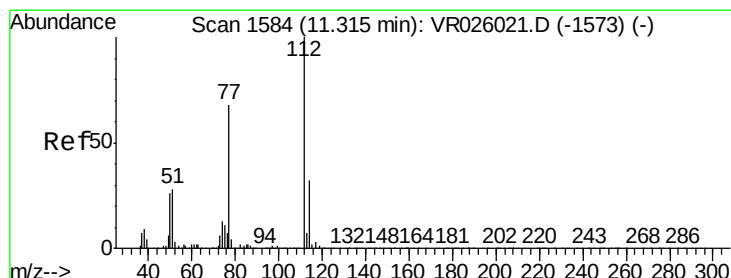
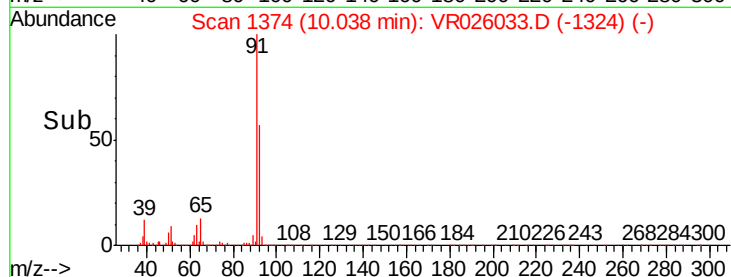
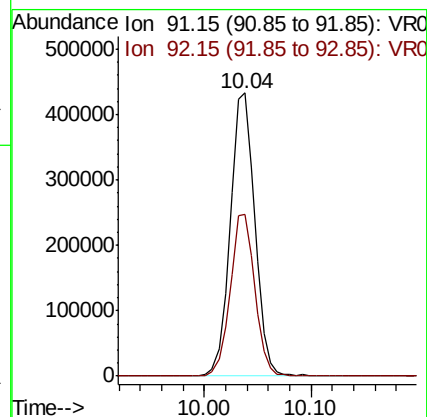
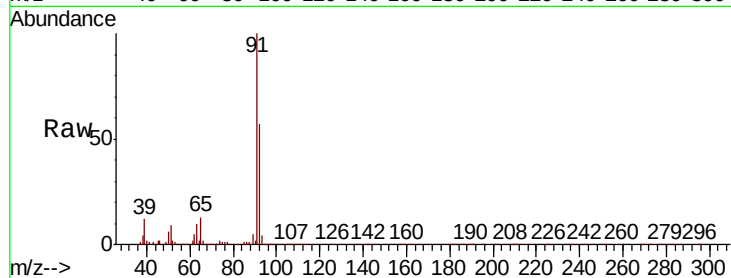
H42A7MS

Tot Ion: 91 Resp: 700710

Ion Ratio Lower Upper

91 100

92 57.0 41.8 77.6



#51

Chlorobenzene

Concen: 5.145 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VR026033.D

Acq: 10 Oct 2018 17:13

Tgt Ion: 112 Resp: 370142

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

77 67.9 58.5 87.7

