

Data File : VR025482.D
Acq On : 16 Jul 2018 18:28
Operator : SY/MD
Sample : J4002-08MSD
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG4MSD

Quant Time: Jul 17 01:33:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	703913	5.00	ug/L	-0.01
28) Chlorobenzene-d5	11.29	117	572114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	201723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	87496	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	2.61	69	67365	4.07	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	3.61	63	262782	4.47	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	6.57	46	262782	43.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.20%
24) Chloroform-d	7.19	84	396622	4.13	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	7.88	65	154588	4.20	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	7.84	84	844376	4.41	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.89	67	252629	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	9.97	98	764680	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.23	79	59874	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	227659	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107265	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	175312	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

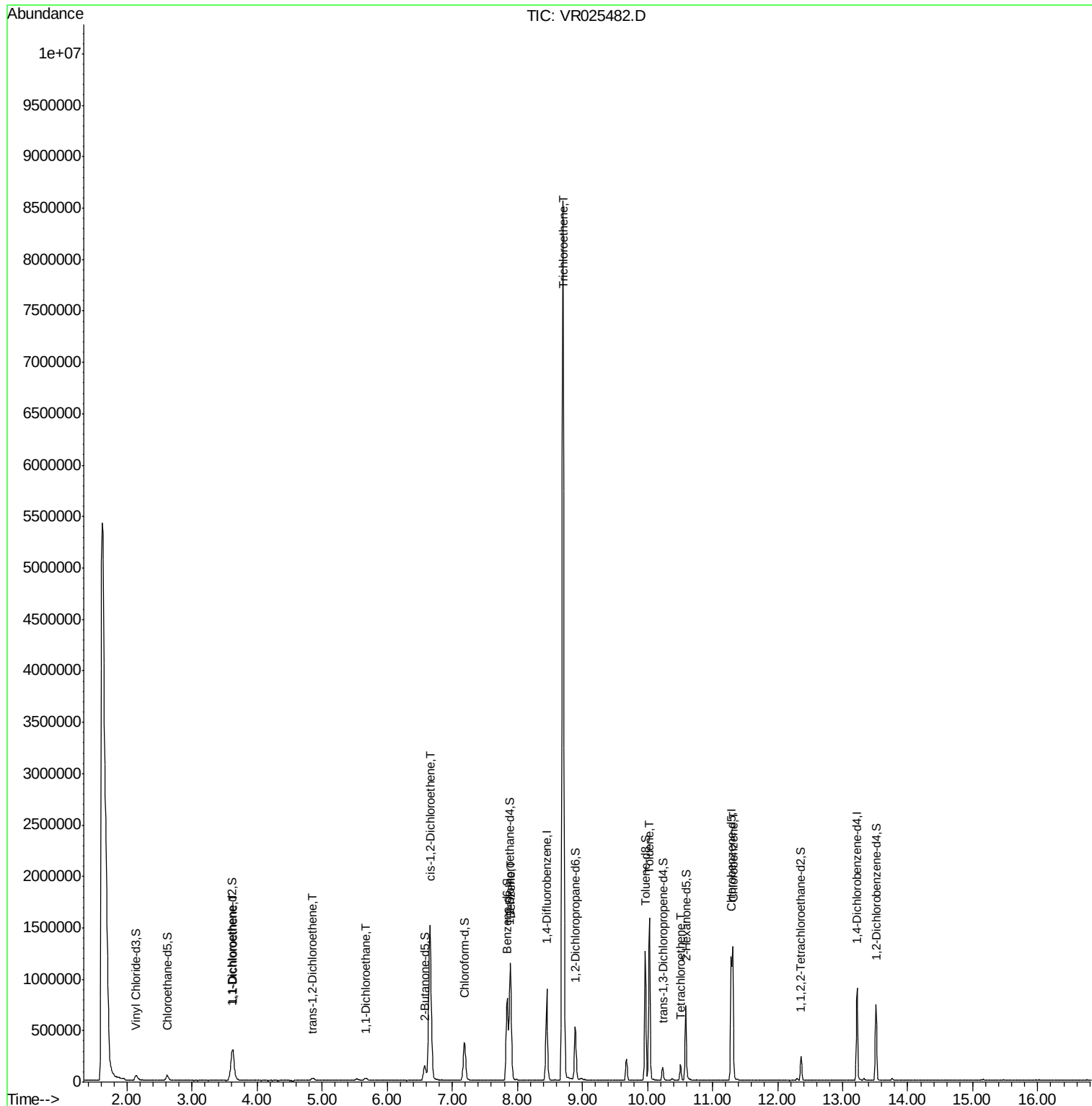
						Qvalue
12) 1,1-Dichloroethene	3.63	96	105445	5.011	ug/L	97
18) trans-1,2-Dichloroethene	4.85	96	11946	0.228	ug/L	82
19) 1,1-Dichloroethane	5.67	63	34717	0.387	ug/L	96
22) cis-1,2-Dichloroethene	6.66	96	955818	19.895	ug/L #	98
33) Benzene	7.89	78	1041239	5.280	ug/L	100
34) Trichloroethene	8.70	95	3138123	62.509	ug/L	99
42) Toluene	10.03	91	1075374	5.608	ug/L	97
47) Tetrachloroethene	10.51	164	30120	0.919	ug/L	96
51) Chlorobenzene	11.31	112	616531	5.280	ug/L	96

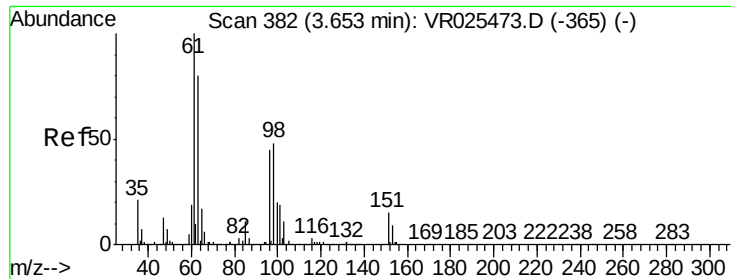
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.011 ug/L

RT: 3.63 min Scan# 378

Delta R.T. -0.02 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

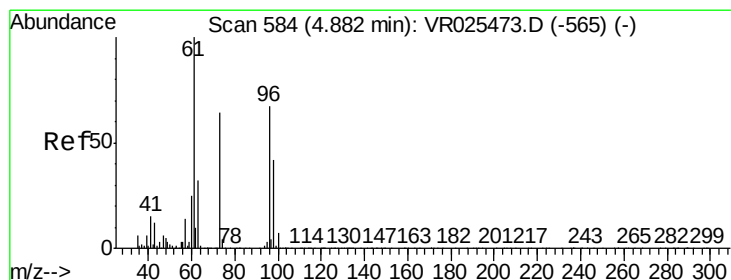
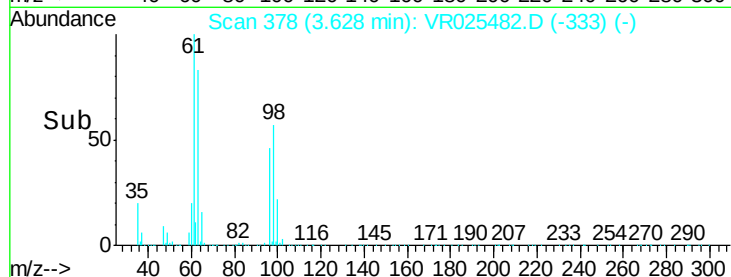
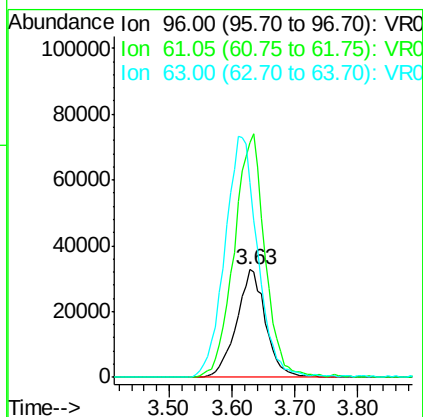
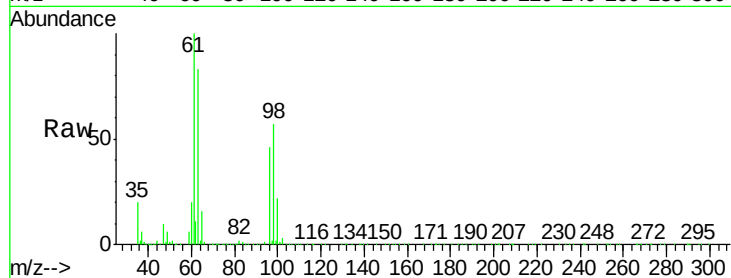
Instrument :

MSVOA_R

ClientSampleId :

C0AG4MSD

Tgt Ion:	96	Resp:	105445
Ion	Ratio	Lower	Upper
96	100		
61	218.4	155.0	287.9
63	181.8	122.3	227.1



#18

trans-1,2-Dichloroethene

Concen: 0.228 ug/L

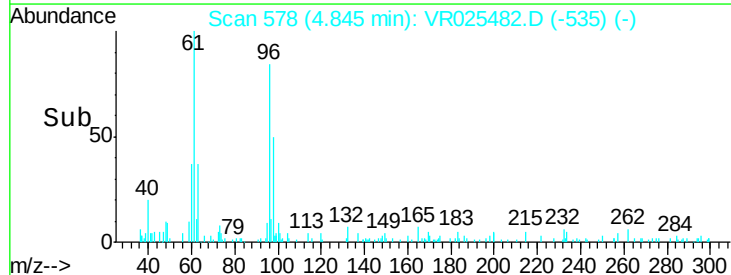
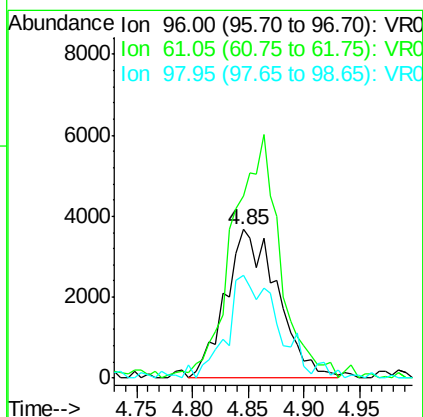
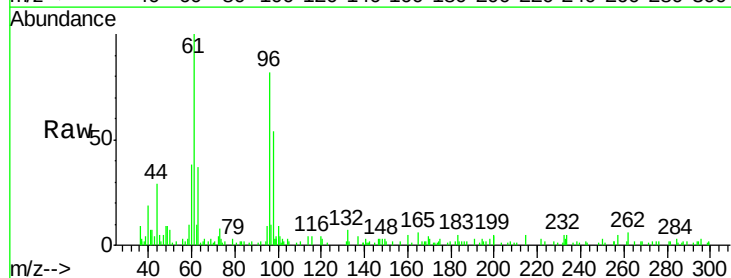
RT: 4.85 min Scan# 578

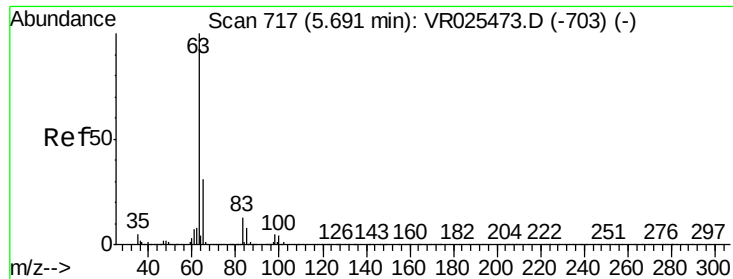
Delta R.T. -0.04 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

Tgt Ion:	96	Resp:	11946
Ion	Ratio	Lower	Upper
96	100		
61	122.2	104.4	193.8
98	69.5	43.1	80.1

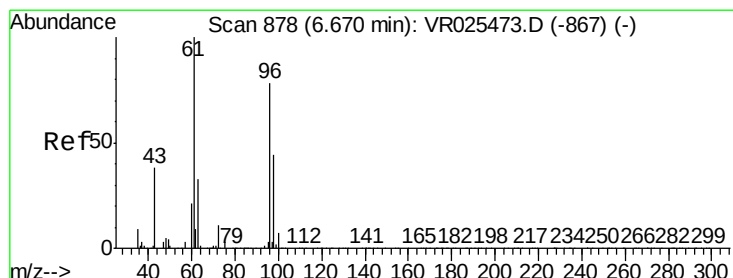
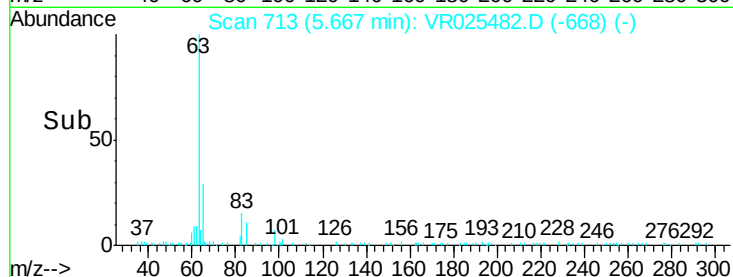
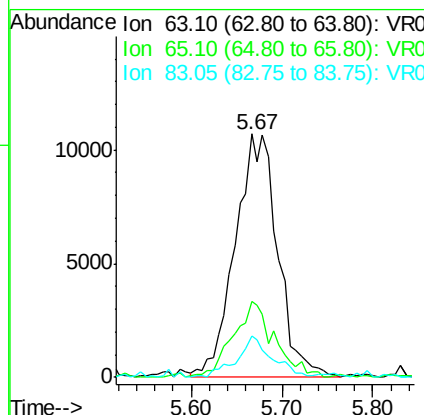
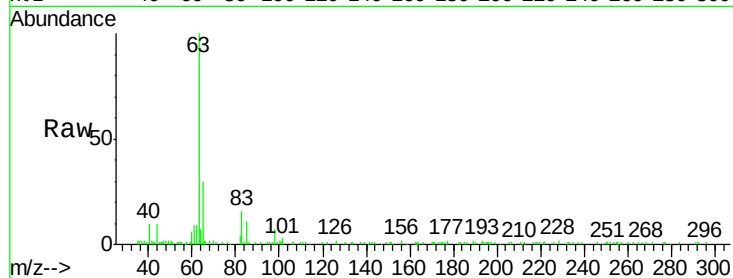




#19
 1,1-Dichloroethane
 Concen: 0.387 ug/L
 RT: 5.67 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: VR025482.D
 Acq: 16 Jul 2018 18:28

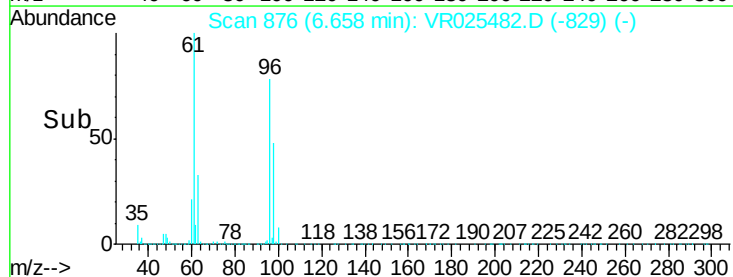
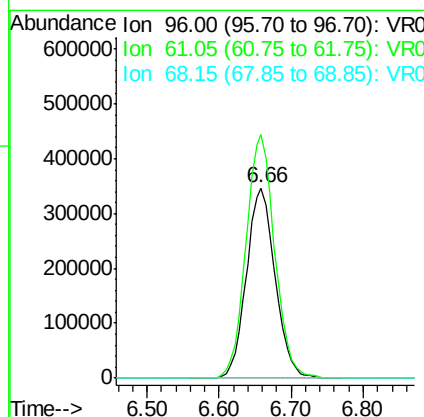
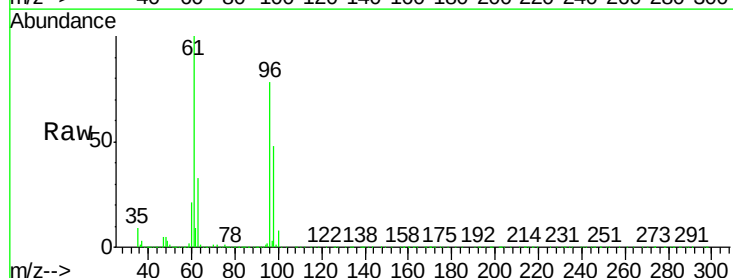
Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG4MSD

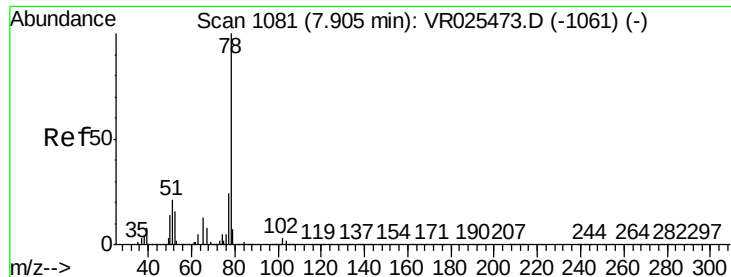
Tgt Ion:	63	Resp:	34717
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.5	41.7
83	17.2	9.5	17.7



#22
 cis-1,2-Dichloroethene
 Concen: 19.895 ug/L
 RT: 6.66 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VR025482.D
 Acq: 16 Jul 2018 18:28

Tgt Ion:	96	Resp:	955818
Ion	Ratio	Lower	Upper
96	100		
61	127.9	91.0	169.0
68	0.0	0.0	0.0#





#33

Benzene

Concen: 5.280 ug/L

RT: 7.89 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

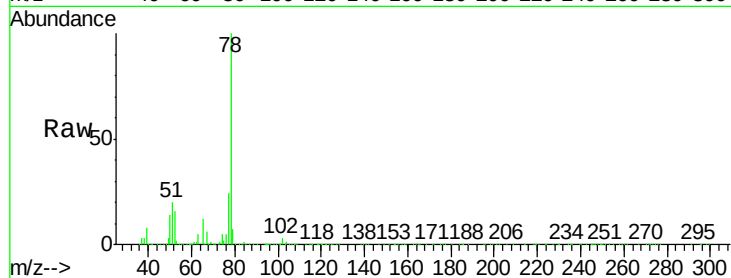
Instrument :

MSVOA_R

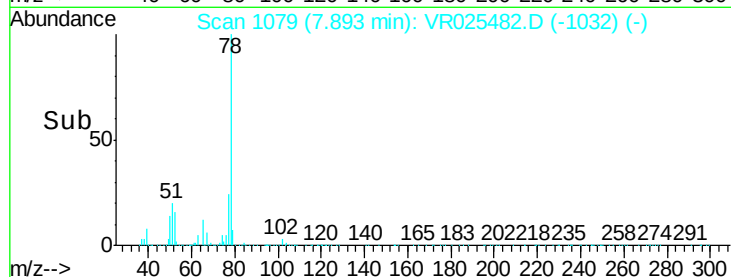
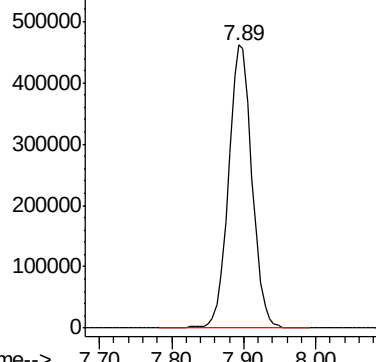
ClientSampleId :

C0AG4MSD

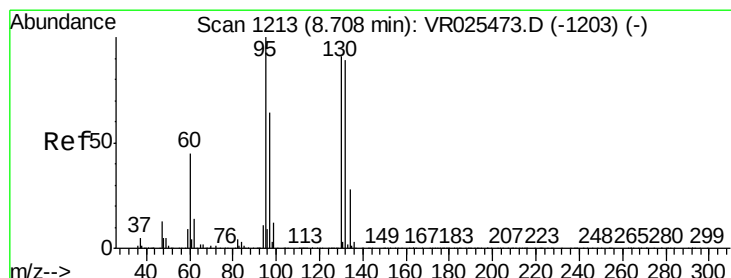
Tgt Ion: 78 Resp: 1041239



Abundance Ion 78.10 (77.80 to 78.80): VR0



Time-->



#34

Trichloroethene

Concen: 62.509 ug/L

RT: 8.70 min Scan# 1212

Delta R.T. -0.01 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

Tgt Ion: 95 Resp: 3138123

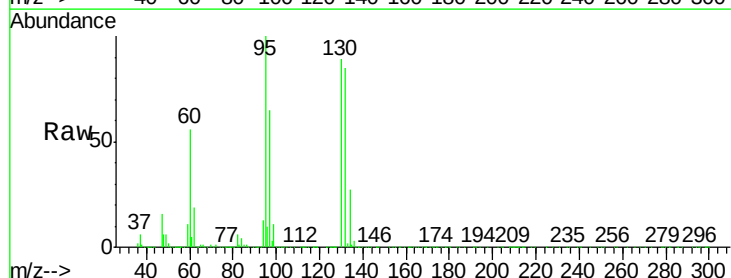
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.6	84.6
132	85.5	60.9	113.1
130	89.1	62.0	115.2

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): VR0

Ion 129.95 (129.65 to 130.65): VR0

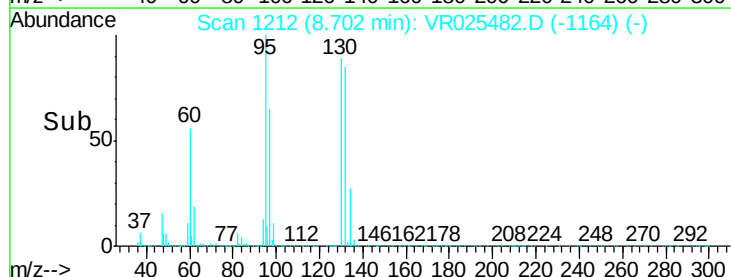
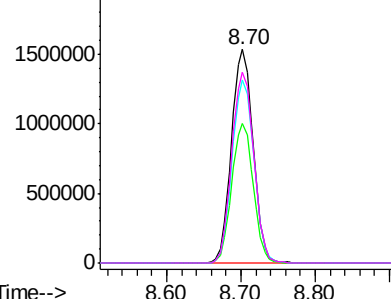


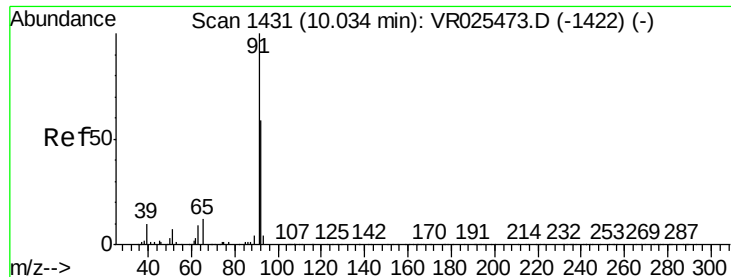
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): VR0

Ion 129.95 (129.65 to 130.65): VR0





#42

Toluene

Concen: 5.608 ug/L

RT: 10.03 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

Instrument :

MSVOA_R

ClientSampleId :

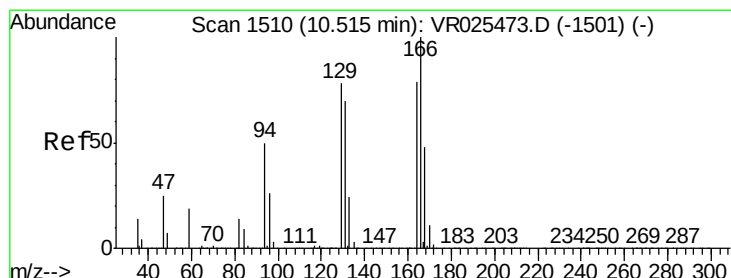
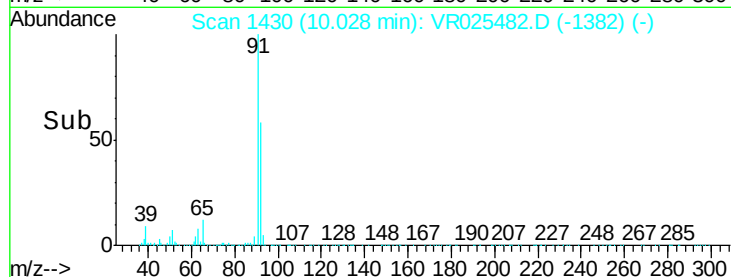
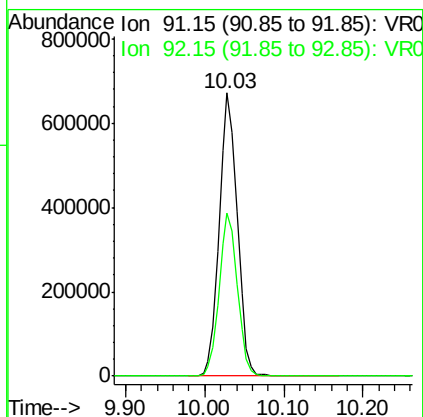
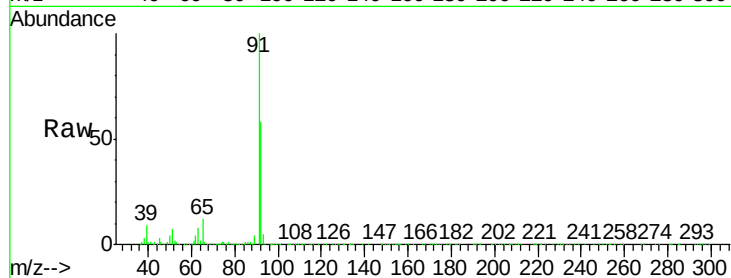
C0AG4MSD

Tgt Ion: 91 Resp: 1075374

Ion Ratio Lower Upper

91 100

92 57.5 41.9 77.7



#47

Tetrachloroethene

Concen: 0.919 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VR025482.D

Acq: 16 Jul 2018 18:28

Tgt Ion: 164 Resp: 30120

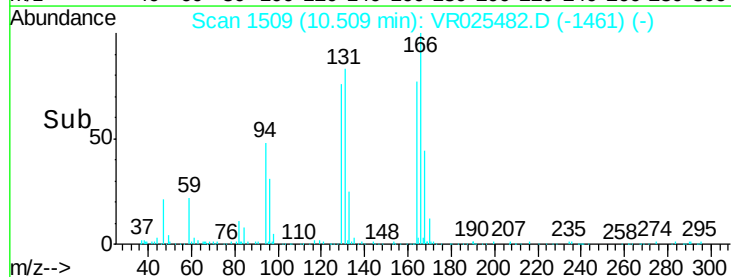
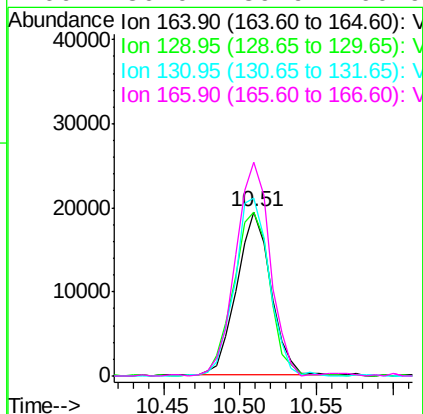
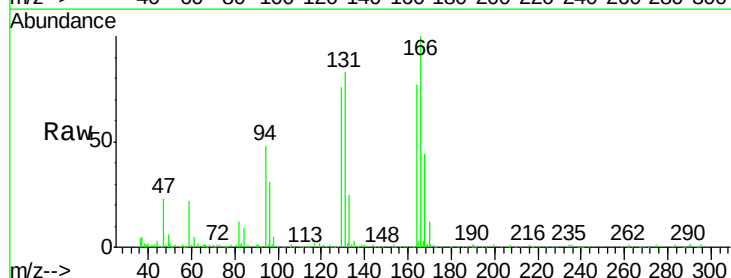
Ion Ratio Lower Upper

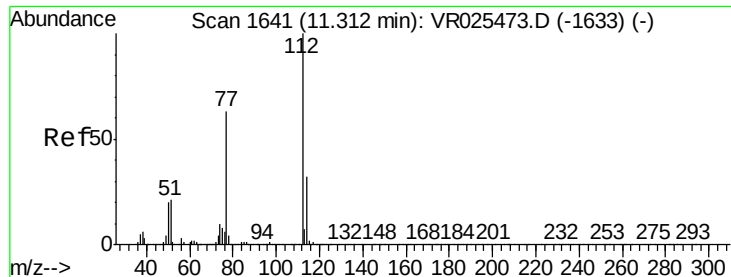
164 100

129 99.4 68.1 126.5

131 108.2 68.5 127.1

166 130.0 89.9 166.9





#51
 Chlorobenzene
 Concen: 5.280 ug/L
 RT: 11.31 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: VR025482.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.6	40.0
77	60.0	51.9	77.9

