

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025427.D
 Acq On : 25 Jun 2018 13:40
 Operator : SY/MD
 Sample : J3674-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB8

Quant Time: Jun 26 01:52:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	530613	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	431366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	61092	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	2.64	69	55325	4.16	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	3.64	63	173384	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	6.61	46	271919	56.13	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	7.20	84	339077	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	7.90	65	138902	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	7.86	84	679879	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.90	67	212000	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	9.97	98	562460	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	10.24	79	45392	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	10.59	63	231988	60.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97710	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	138284	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

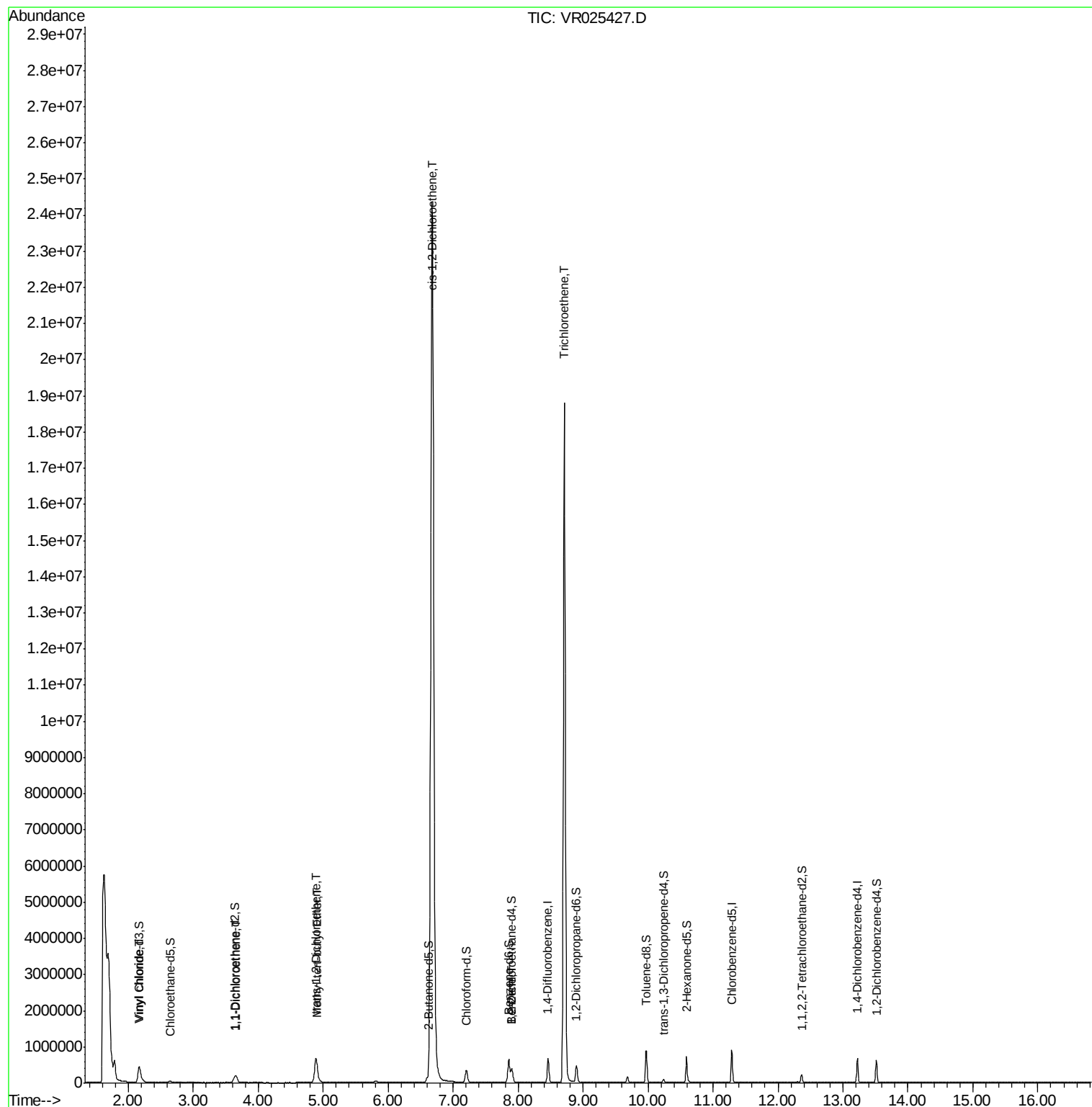
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.16	62	767987	34.95	ug/L	97
12) 1,1-Dichloroethene	3.66	96	80192	4.30	ug/L	90
17) Methyl tert-butyl Ether	4.91	73	47836	0.86	ug/L	94
18) trans-1,2-Dichloroethene	4.89	96	439847	11.47	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	14768727	369.11	ug/L #	99
33) Benzene	7.91	78	246860	1.46	ug/L	100
34) Trichloroethene	8.71	95	6648370	162.25	ug/L	97

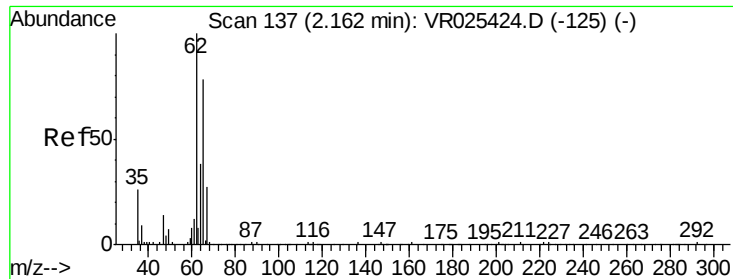
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 22:38:28 2018
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#5

Vinyl chloride

Concen: 34.95 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.00 min

Lab File: VR025427.D

Acq: 25 Jun 2018 13:40

Instrument :

MSVOA_R

ClientSampleId :

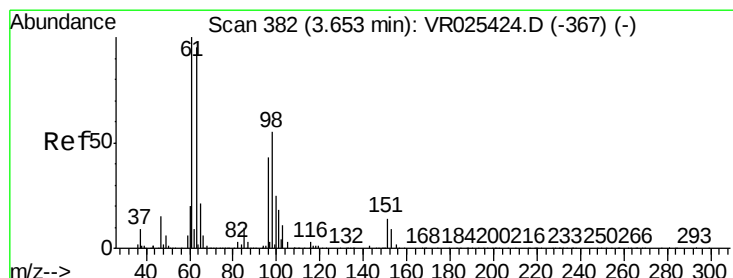
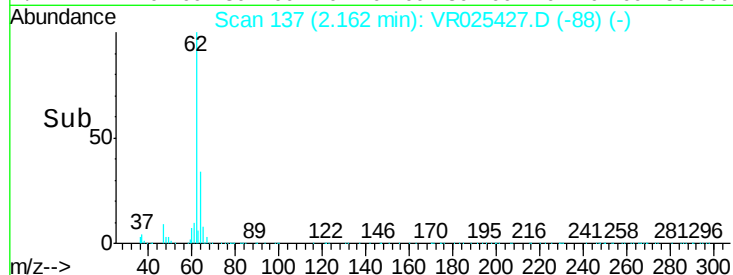
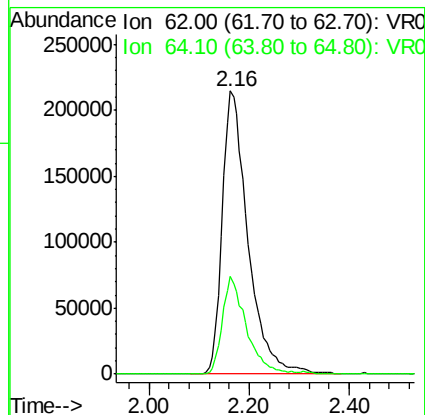
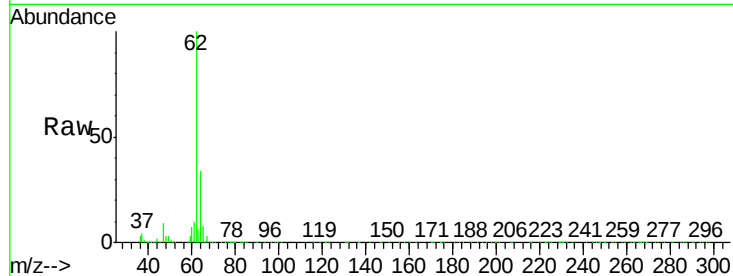
DAZB8

Tot Ion: 62 Resp: 767987

Ion Ratio Lower Upper

62 100

64 34.3 22.8 42.4



#12

1,1-Dichloroethene

Concen: 4.30 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025427.D

Acq: 25 Jun 2018 13:40

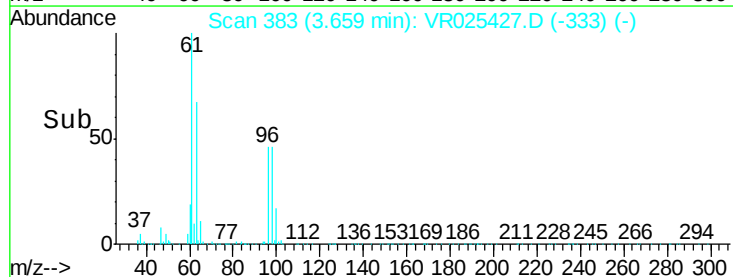
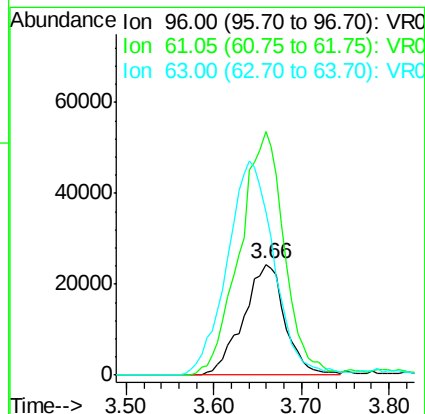
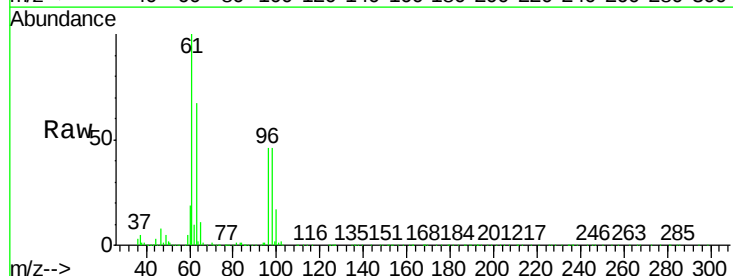
Tgt Ion: 96 Resp: 80192

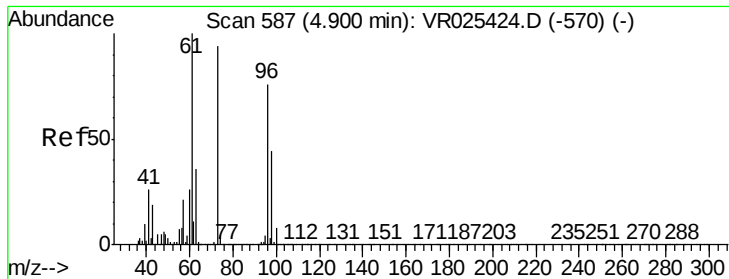
Ion Ratio Lower Upper

96 100

61 219.4 155.0 287.9

63 146.3 122.3 227.1



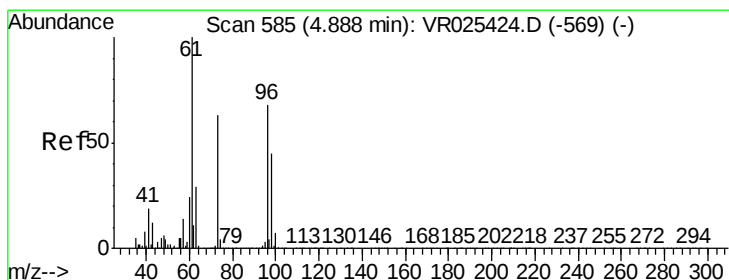
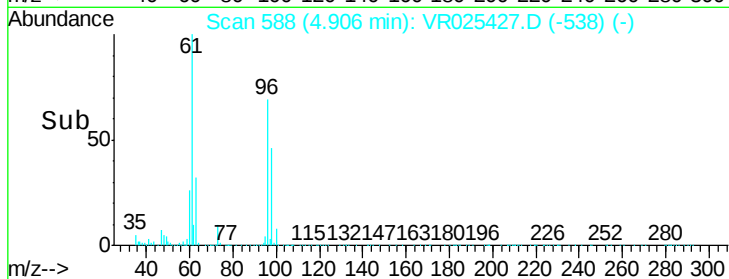
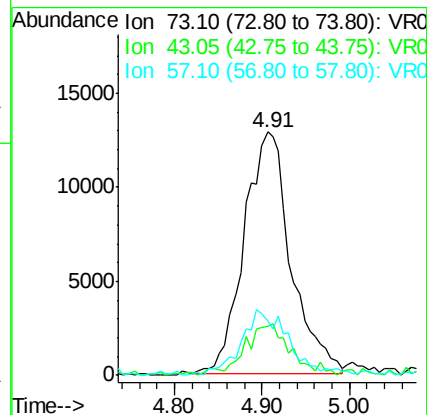
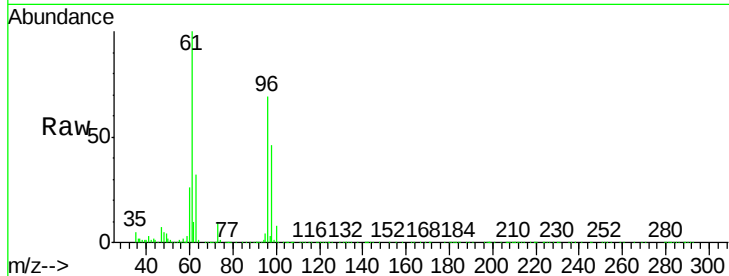


#17

Methyl tert-butyl Ether
 Concen: 0.86 ug/L
 RT: 4.91 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VR025427.D
 Acq: 25 Jun 2018 13:40

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB8

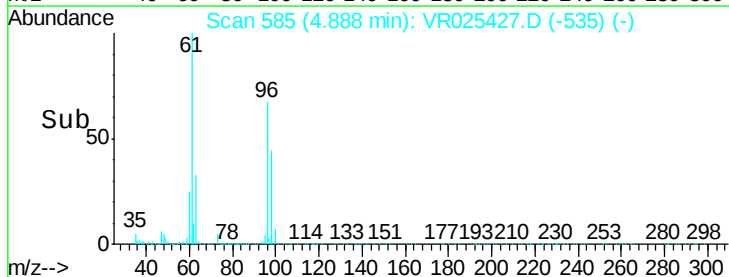
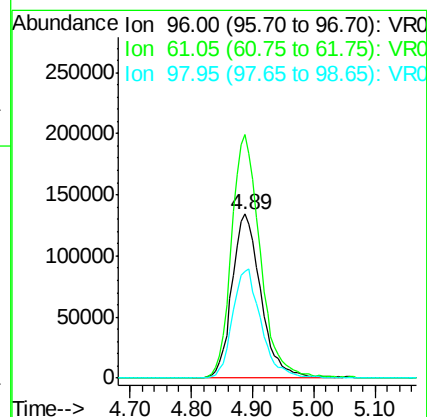
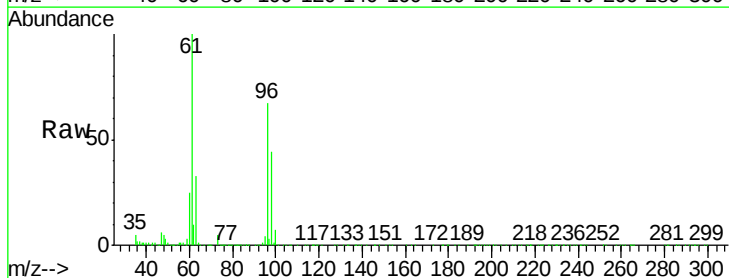
Tot Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.8	23.6
57	27.6	19.0	28.4

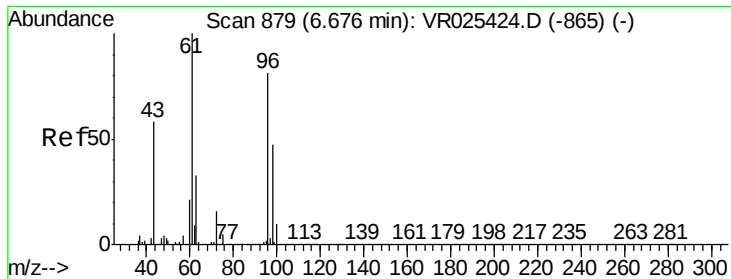


#18

trans-1,2-Dichloroethene
 Concen: 11.47 ug/L
 RT: 4.89 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VR025427.D
 Acq: 25 Jun 2018 13:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	104.4	193.8
98	64.9	43.1	80.1



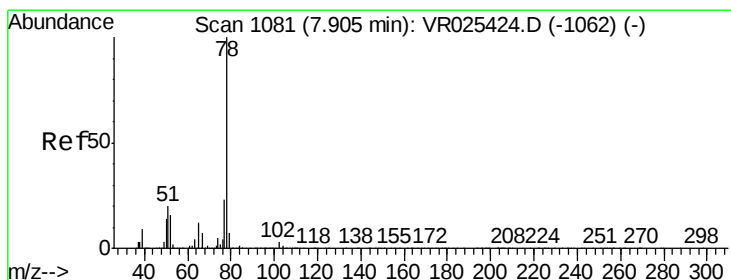
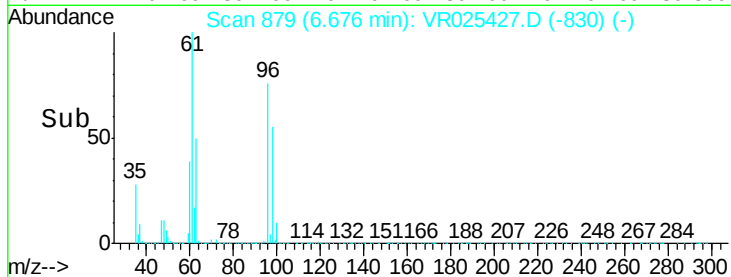
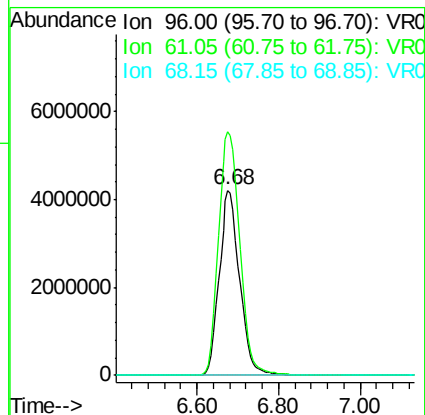
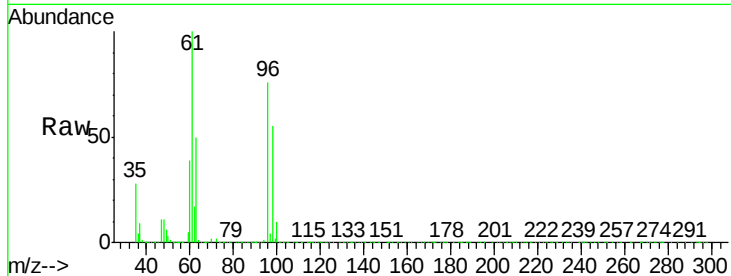


#22

cis-1,2-Dichloroethene
Concen: 369.11 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025427.D
Acq: 25 Jun 2018 13:40

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MSVOA_R
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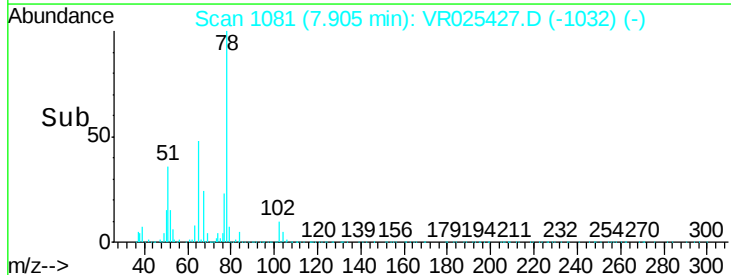
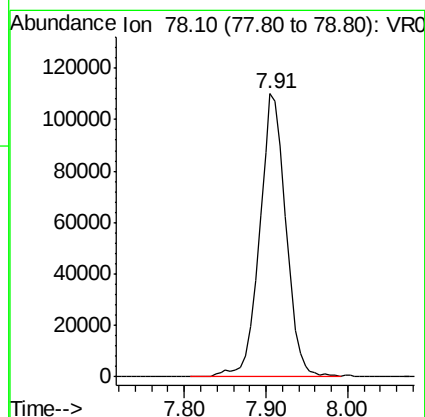
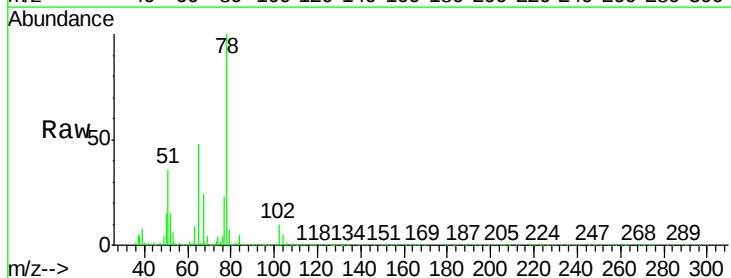
Tot Ion: 96 Resp:14768727
Ion Ratio Lower Upper
96 100
61 131.3 91.0 169.0
68 0.0 0.0 0.0#

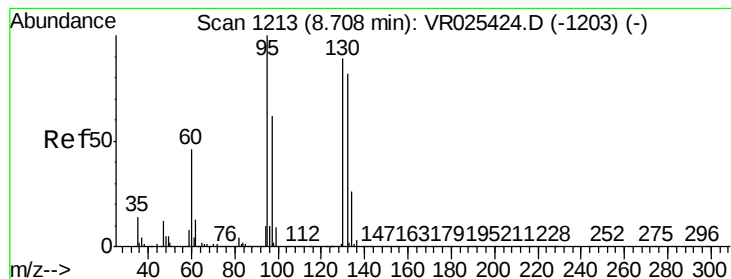


#33

Benzene
Concen: 1.46 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VR025427.D
Acq: 25 Jun 2018 13:40

Tgt Ion: 78 Resp: 246860





#34

Trichloroethene

Concen: 162.25 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025427.D

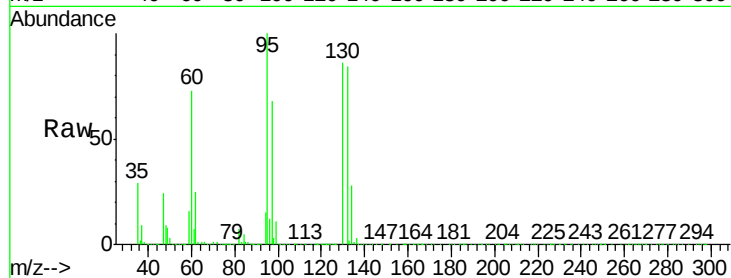
Acq: 25 Jun 2018 13:40

Instrument :

MSVOA_R

ClientSampleId :

DAZB8



Tot Ion: 95 Resp: 6648370

Ion Ratio Lower Upper

95 100

97 67.7 45.6 84.6

132 83.5 60.9 113.1

130 85.9 62.0 115.2

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

