

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025572.D
 Acq On : 7 Aug 2018 12:46
 Operator : SY/MD
 Sample : J4358-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW6

Quant Time: Aug 08 02:01:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	527908	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	125215	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	2.63	69	104594	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	3.64	63	227614	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	6.60	46	182407	67.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.94%#
24) Chloroform-d	7.21	84	263080	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	7.90	65	96558	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	7.86	84	571514	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	8.90	67	156131	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	485705	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	32596	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	10.59	63	152033	60.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77430	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	137383	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

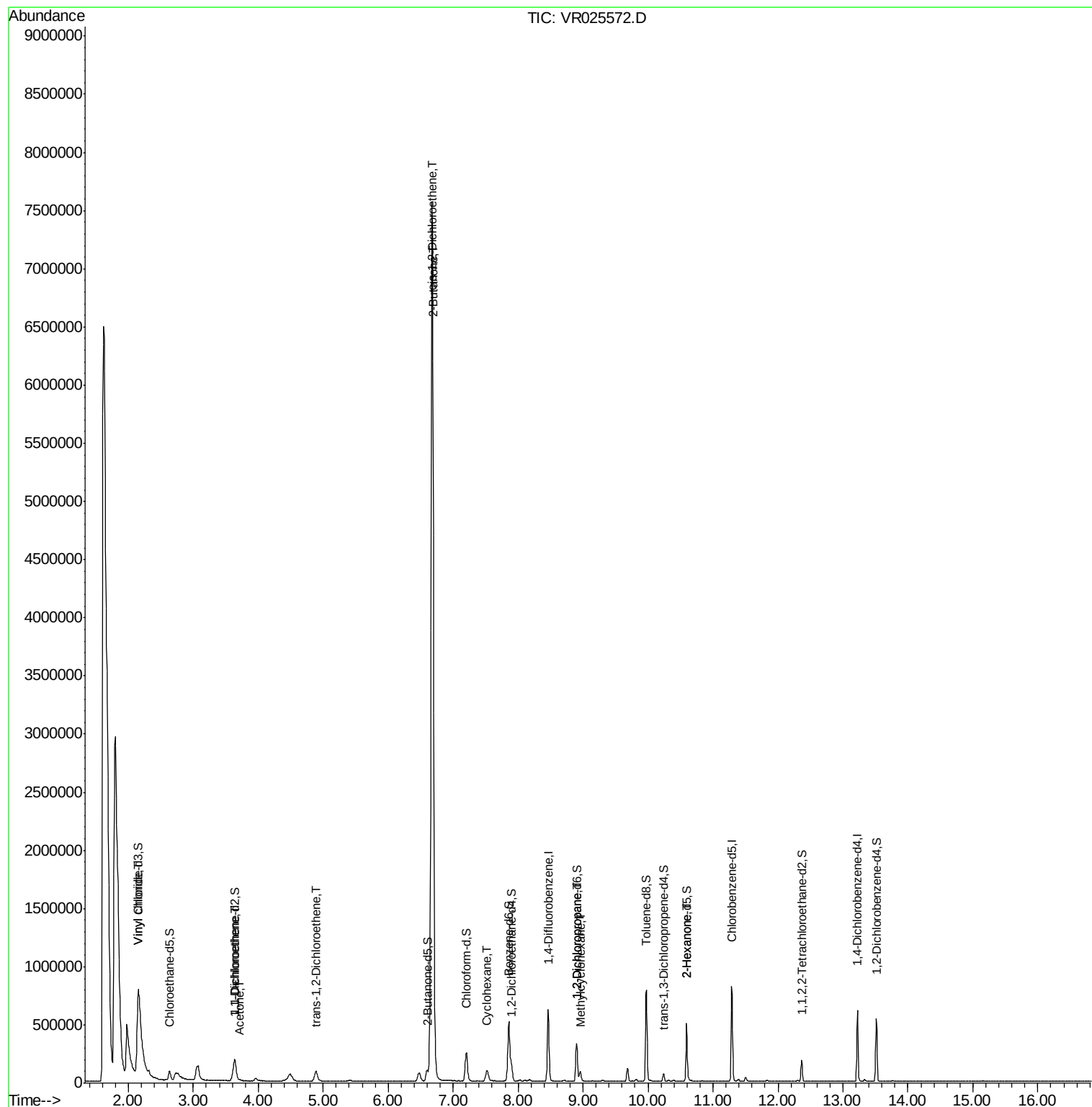
					Qvalue
5) Vinyl chloride	2.16	62	669479	16.784 ug/L	100
12) 1,1-Dichloroethene	3.65	96	11869	0.315 ug/L #	1
13) Acetone	3.71	43	8328	3.665 ug/L	88
18) trans-1,2-Dichloroethene	4.89	96	55523	1.537 ug/L	91
21) 2-Butanone	6.69	43	3235	1.025 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	4739973	143.704 ug/L #	95
30) Cyclohexane	7.52	56	47849	1.070 ug/L	94
35) Methylcyclohexane	8.96	83	28513	0.563 ug/L	89
37) 1,2-Dichloropropane	8.90	63	17041	0.598 ug/L #	97
48) 2-Hexanone	10.59	43	19040	3.514 ug/L #	70

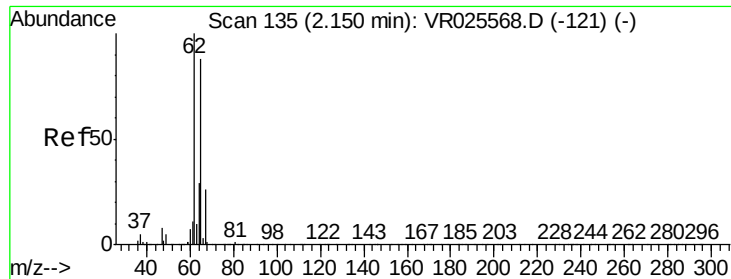
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.784 ug/L

RT: 2.16 min Scan# 136

Delta R.T. 0.00 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

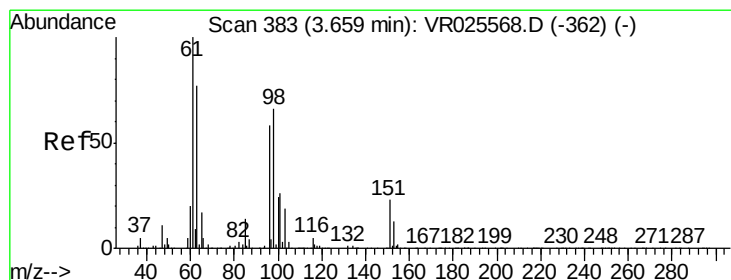
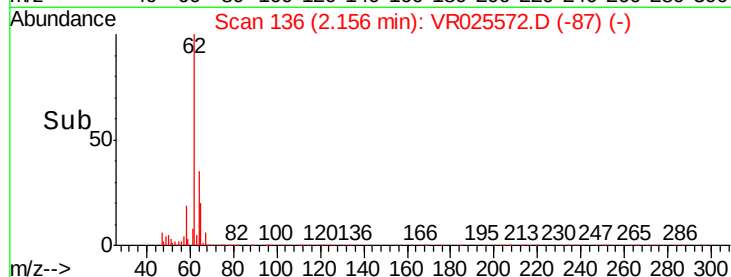
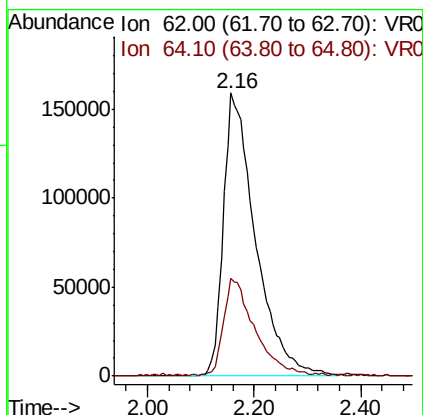
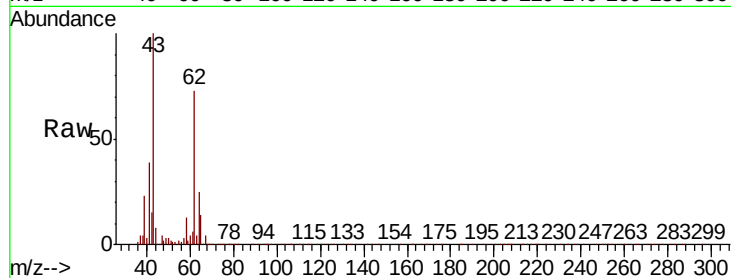
ESWW6

Tgt Ion: 62 Resp: 669479

Ion Ratio Lower Upper

62 100

64 34.4 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

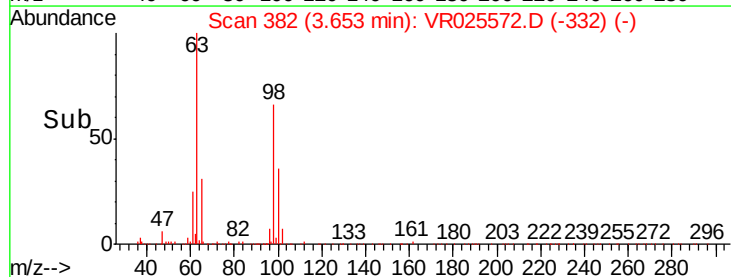
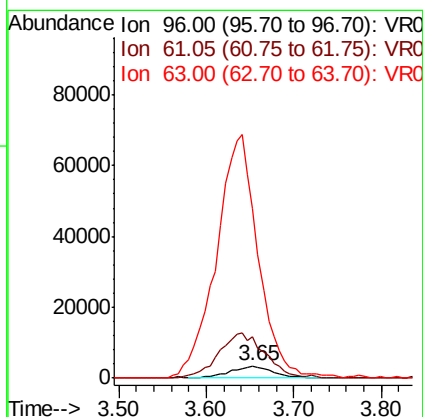
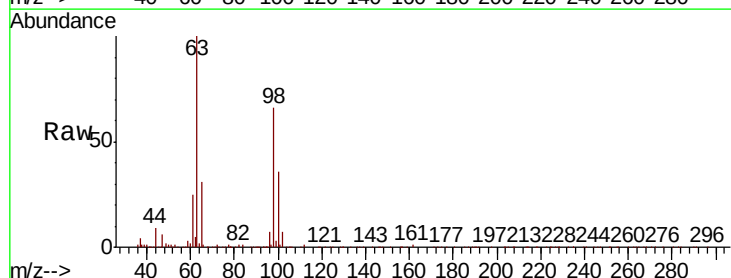
Tgt Ion: 96 Resp: 11869

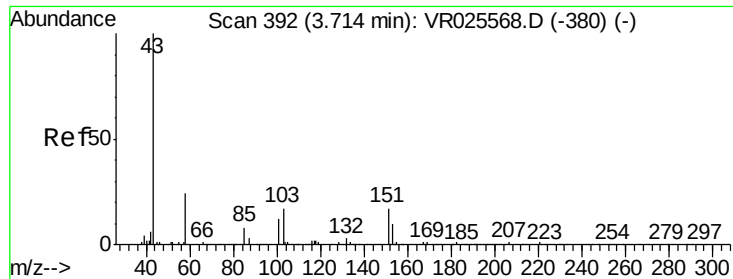
Ion Ratio Lower Upper

96 100

61 332.7 124.3 230.8#

63 1350.0 108.1 200.7#





#13

Acetone

Concen: 3.665 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

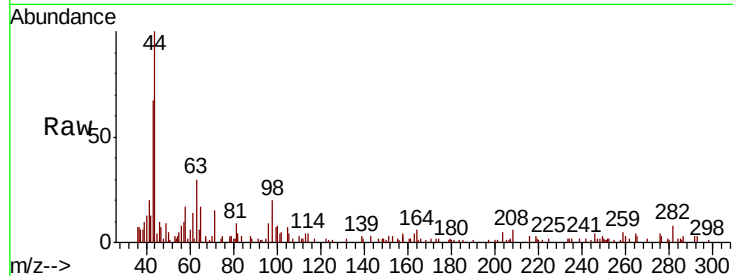
ESWW6

Tgt Ion: 43 Resp: 8328

Ion Ratio Lower Upper

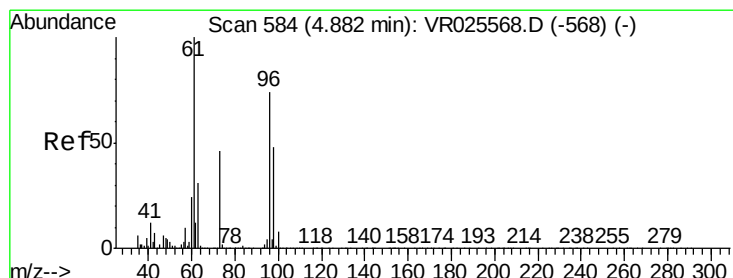
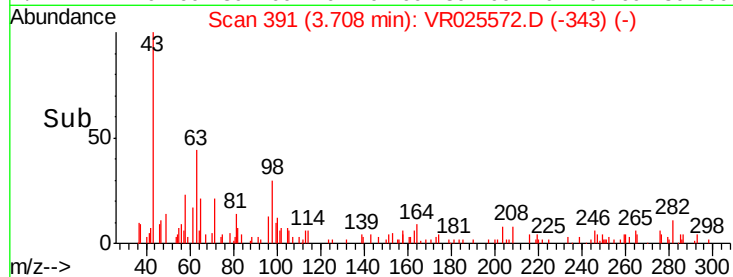
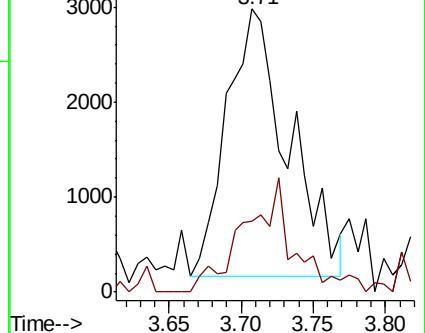
43 100

58 33.1 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#18

trans-1,2-Dichloroethene

Concen: 1.537 ug/L

RT: 4.89 min Scan# 586

Delta R.T. 0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

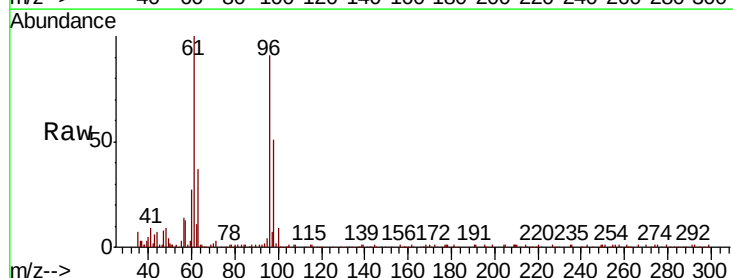
Tgt Ion: 96 Resp: 55523

Ion Ratio Lower Upper

96 100

61 109.9 85.5 158.9

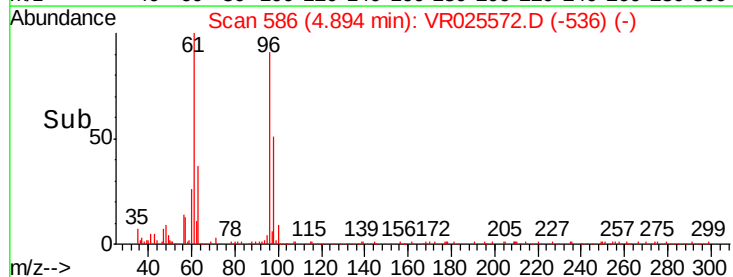
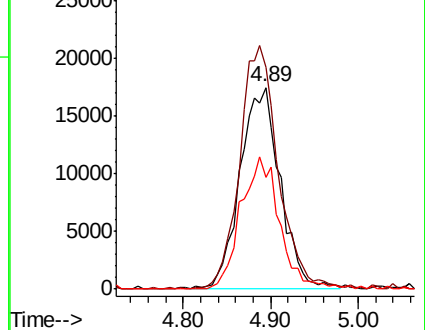
98 55.8 42.1 78.1

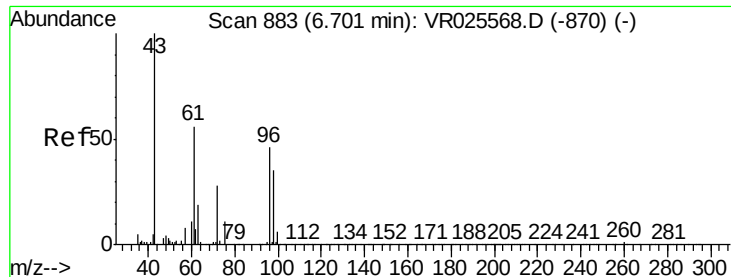


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0





#21

2-Butanone

Concen: 1.025 ug/L

RT: 6.69 min Scan# 882

Delta R.T. -0.00 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

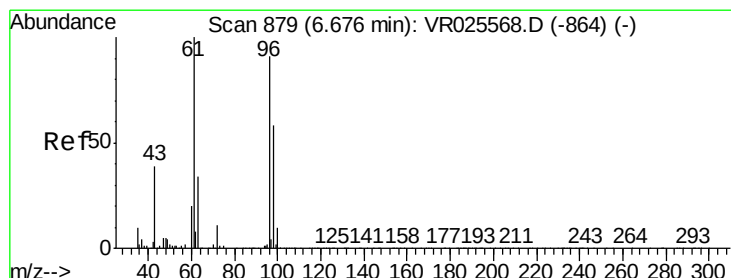
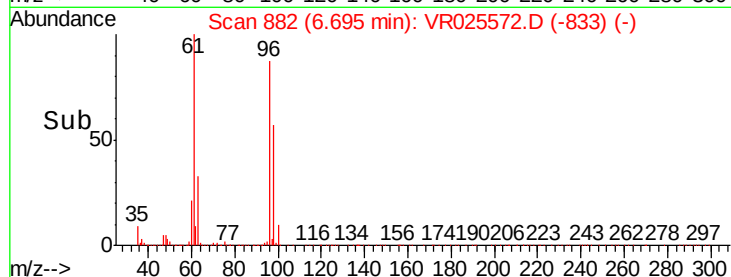
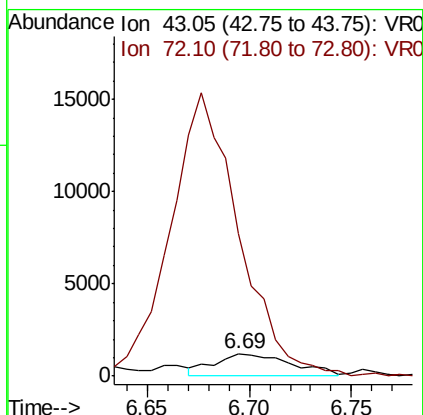
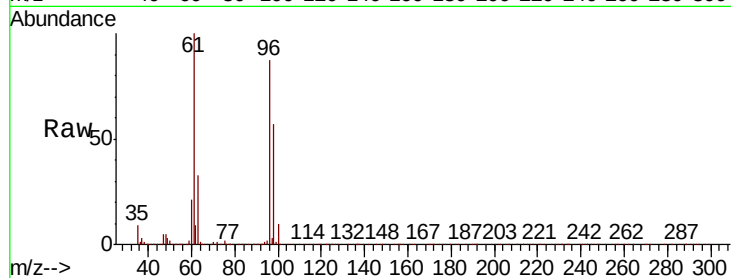
ESWW6

Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

72 1119.1 13.2 39.6#



#22

cis-1,2-Dichloroethene

Concen: 143.704 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

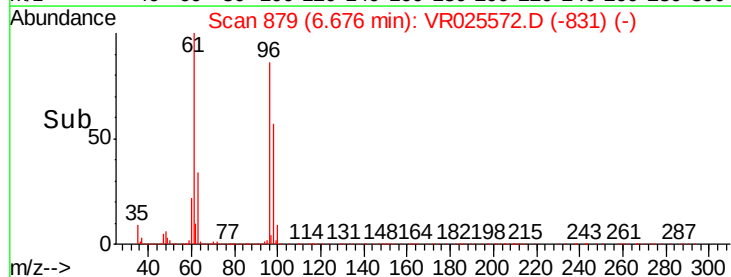
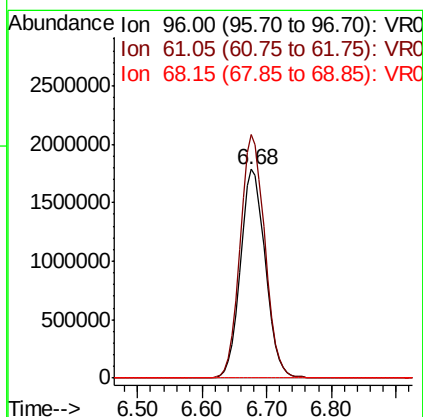
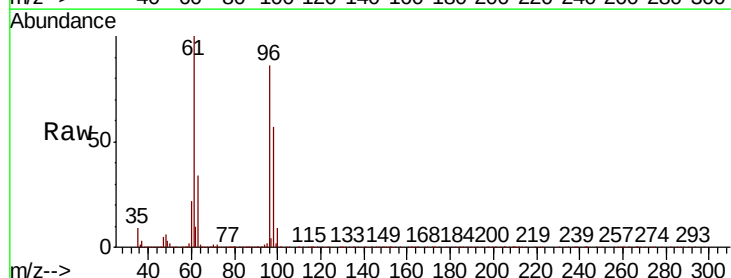
Tgt Ion: 96 Resp: 4739973

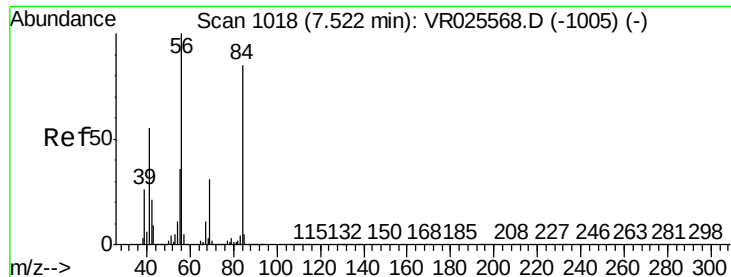
Ion Ratio Lower Upper

96 100

61 116.6 77.7 144.3

68 0.0 0.0 0.0#

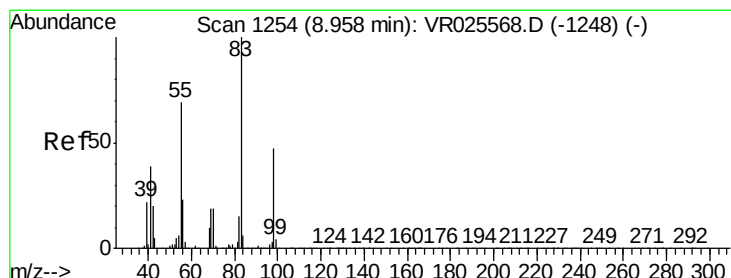
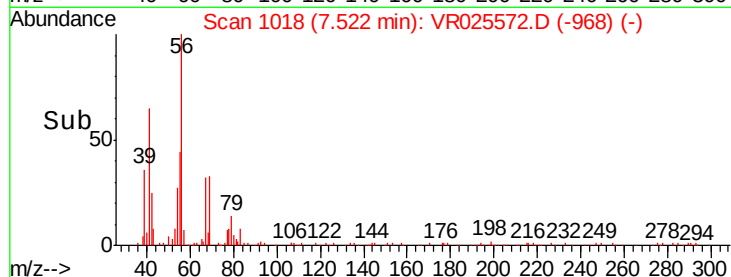
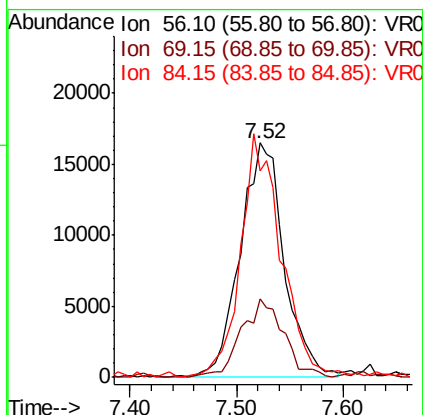
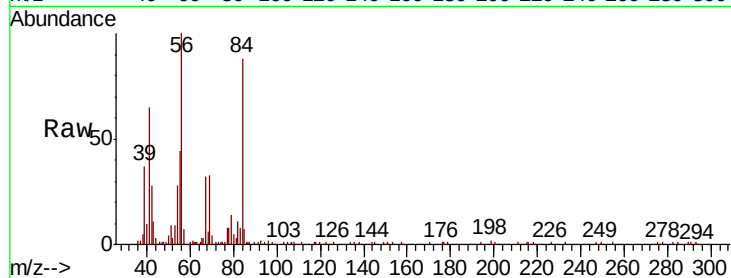




#30
Cyclohexane
Concen: 1.070 ug/L
RT: 7.52 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VR025572.D
Acq: 7 Aug 2018 12:46

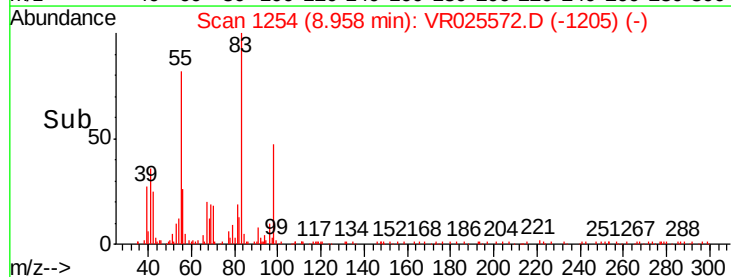
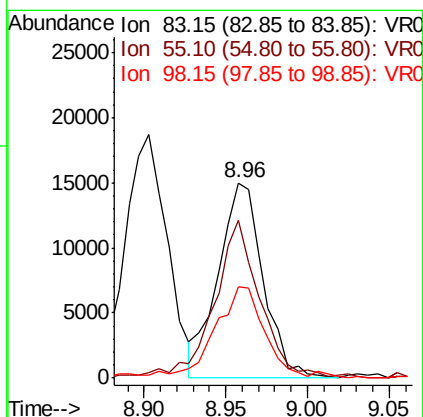
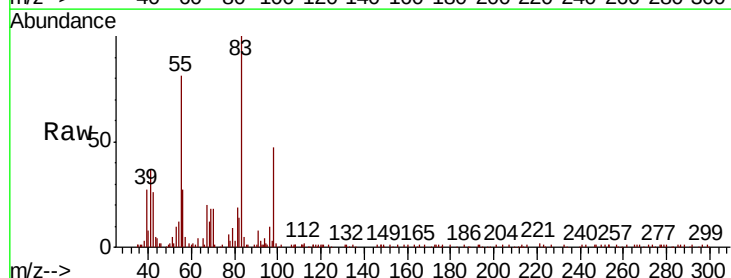
Instrument :
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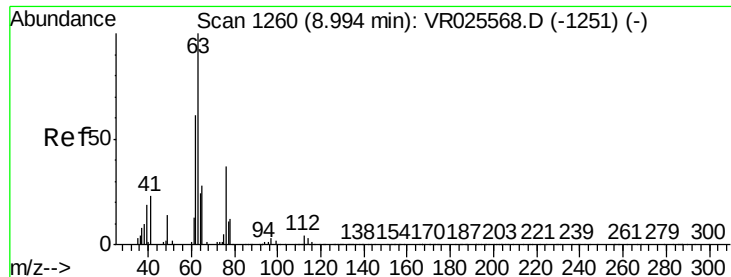
Tgt Ion: 56 Resp: 47849
Ion Ratio Lower Upper
56 100
69 32.1 24.6 36.8
84 95.5 71.3 106.9



#35
Methylcyclohexane
Concen: 0.563 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VR025572.D
Acq: 7 Aug 2018 12:46

Tgt Ion: 83 Resp: 28513
Ion Ratio Lower Upper
83 100
55 84.5 58.3 87.5
98 51.6 37.8 56.6

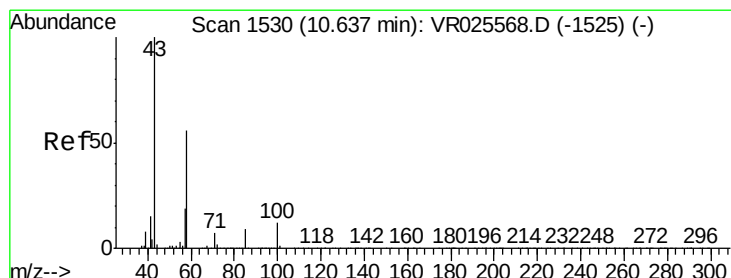
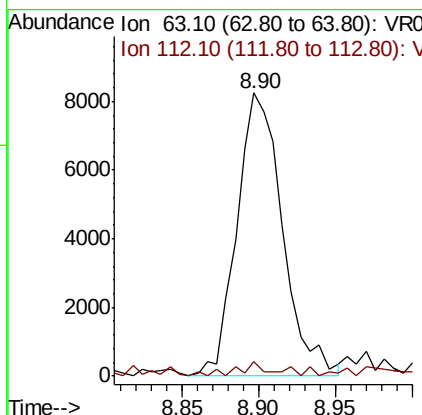
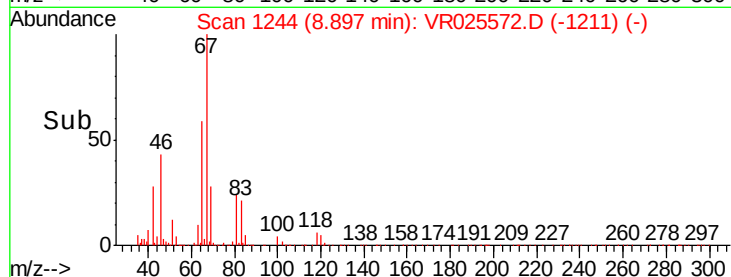
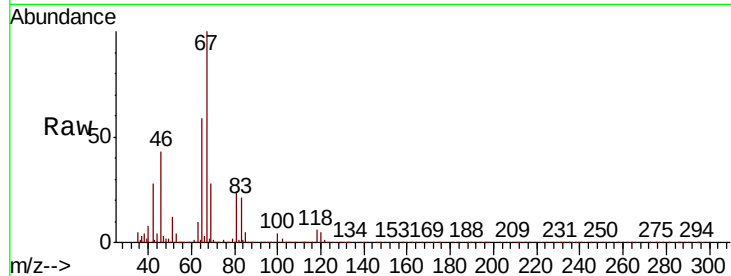




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025572.D
 Acq: 7 Aug 2018 12:46

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW6

Tgt Ion: 63 Resp: 17041
 Ion Ratio Lower Upper
 63 100
 112 3.2 3.3 4.9#



#48
 2-Hexanone
 Concen: 3.514 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025572.D
 Acq: 7 Aug 2018 12:46

Tgt Ion: 43 Resp: 19040
 Ion Ratio Lower Upper
 43 100
 58 31.1 45.0 67.6#
 57 29.6 15.8 23.6#
 100 2.0 9.3 13.9#

