

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025611.D
 Acq On : 9 Aug 2018 17:47
 Operator : SY/MD
 Sample : J4358-17DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWY1DL

Quant Time: Aug 10 07:21:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	556678	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	485007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	168563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	152490	4.42	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.62	69	121736	4.48	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.63	63	289576	3.63	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	6.60	46	194116	68.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.18%#
24) Chloroform-d	7.20	84	279083	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.90	65	103051	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	7.86	84	633962	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	8.90	67	169169	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	561680	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	10.24	79	37851	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	171780	61.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79342	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	154821	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

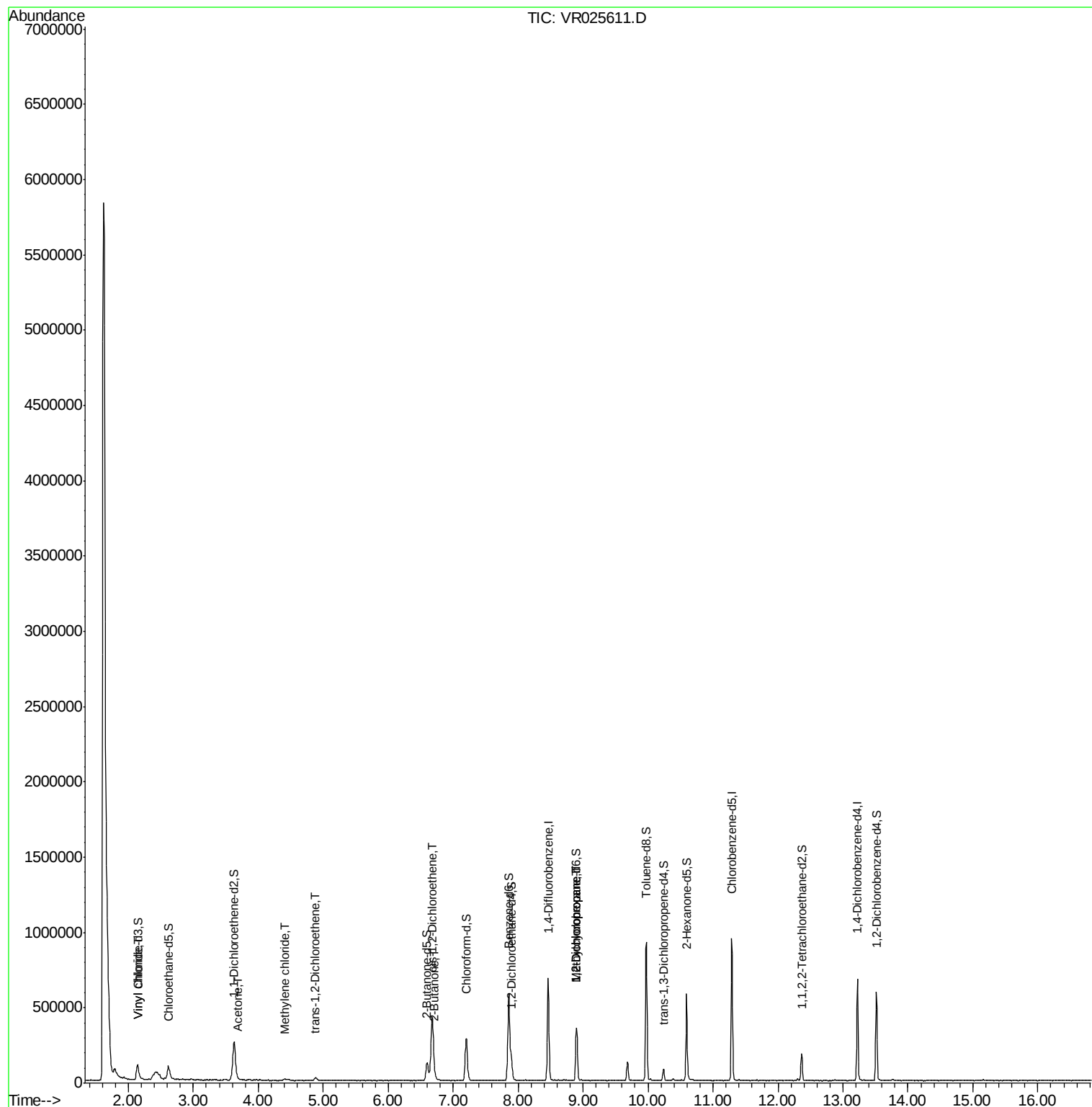
					Qvalue
5) Vinyl chloride	2.14	62	12431	0.296 ug/L #	74
13) Acetone	3.68	43	1252	0.522 ug/L	78
16) Methylene chloride	4.41	84	8421	0.251 ug/L	89
18) trans-1,2-Dichloroethene	4.88	96	11433	0.300 ug/L	83
21) 2-Butanone	6.72	43	1824	0.548 ug/L	78
22) cis-1,2-Dichloroethene	6.68	96	275185	7.912 ug/L	99
35) Methylcyclohexane	8.90	83	39942	0.713 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	16918	0.536 ug/L #	92

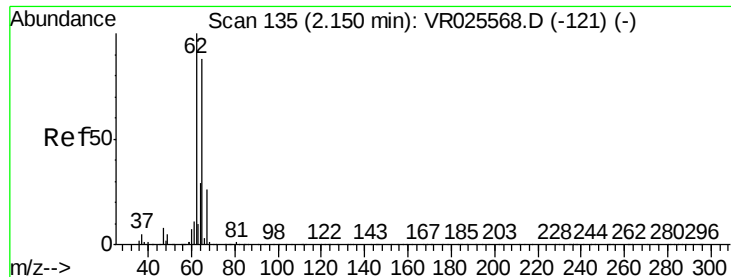
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.296 ug/L

RT: 2.14 min Scan# 134

Delta R.T. -0.02 min

Lab File: VR025611.D

Acq: 9 Aug 2018 17:47

Instrument :

MSVOA_R

ClientSampleID :

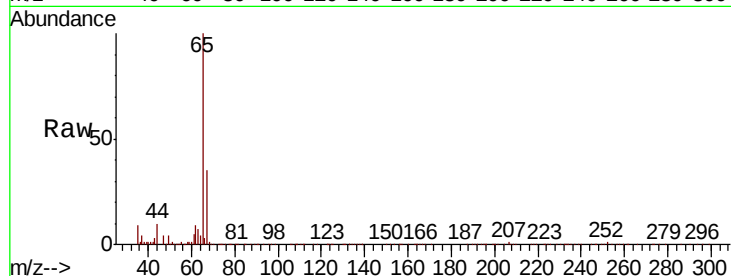
ESWY1DL

Tgt Ion: 62 Resp: 12431

Ion Ratio Lower Upper

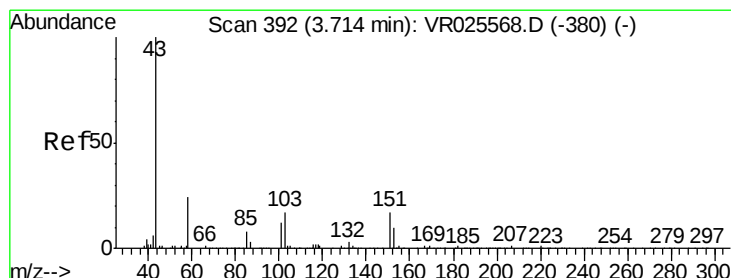
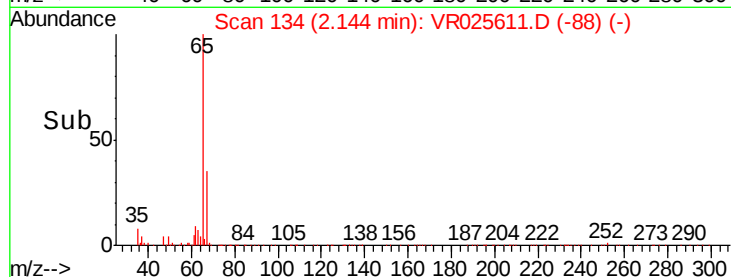
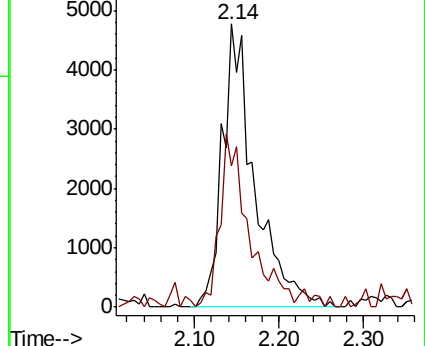
62 100

64 49.7 24.1 44.8#



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#13

Acetone

Concen: 0.522 ug/L

RT: 3.68 min Scan# 387

Delta R.T. -0.02 min

Lab File: VR025611.D

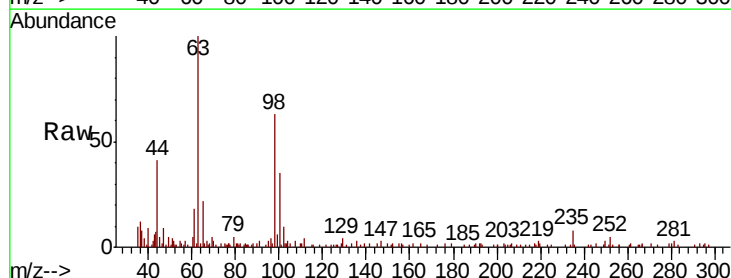
Acq: 9 Aug 2018 17:47

Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

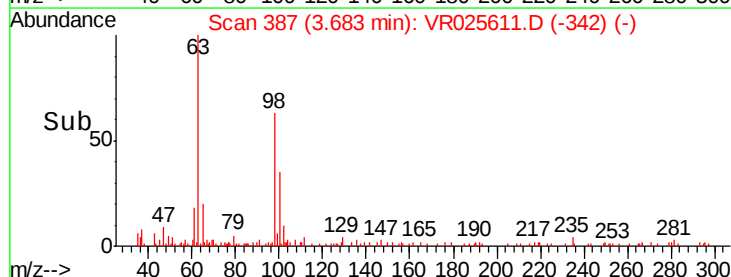
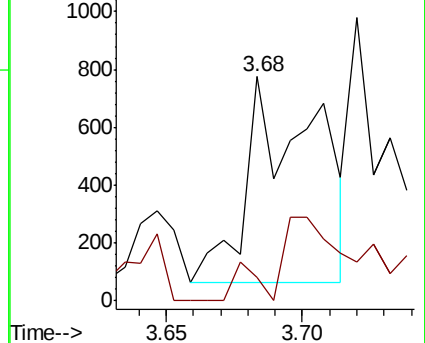
43 100

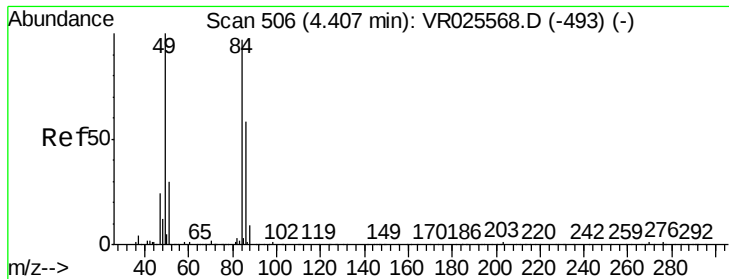
58 38.1 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

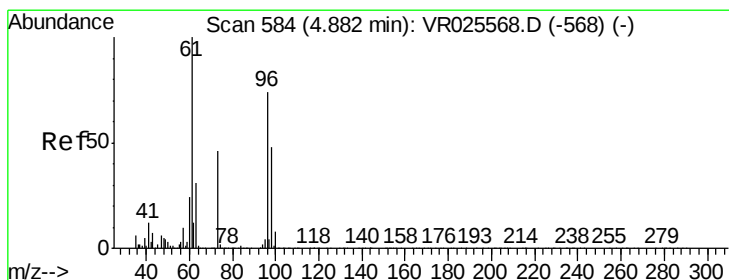
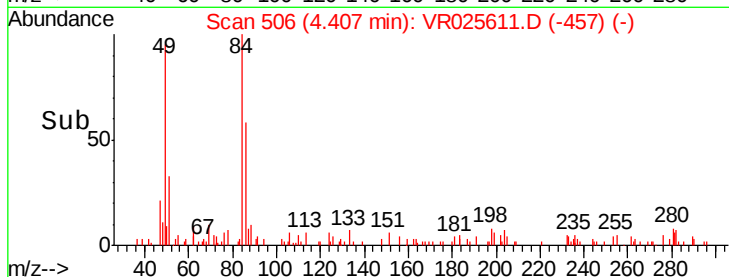
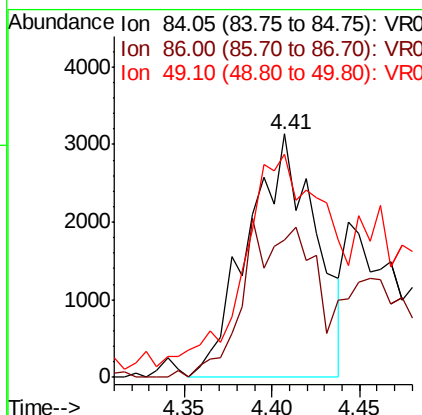
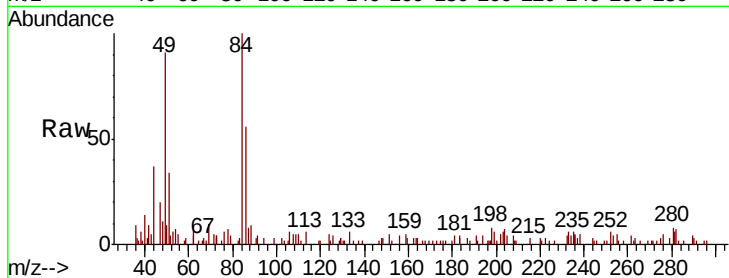




#16
Methylene chloride
Concen: 0.251 ug/L
RT: 4.41 min Scan# 506
Delta R.T. 0.00 min
Lab File: VR025611.D
Acq: 9 Aug 2018 17:47

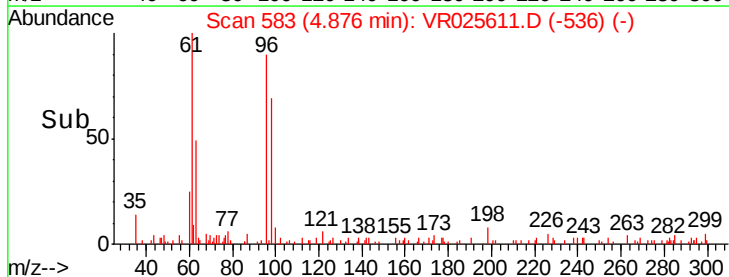
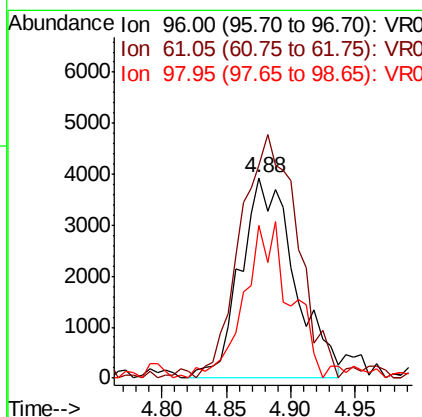
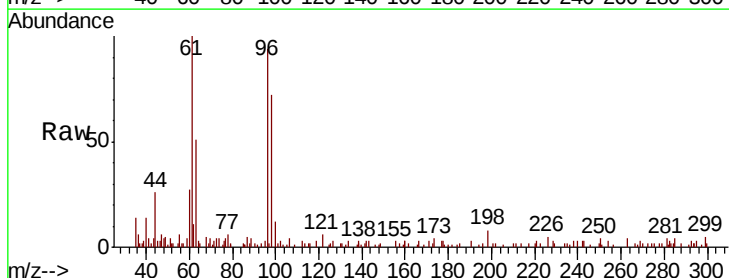
Instrument :
MSVOA_R
ClientSampleId :
ESWY1DL

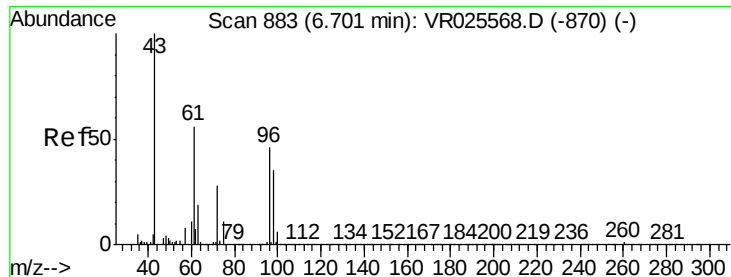
Tgt Ion: 84 Resp: 8421
Ion Ratio Lower Upper
84 100
86 56.2 40.4 75.0
49 91.5 76.2 141.4



#18
trans-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 4.88 min Scan# 583
Delta R.T. -0.01 min
Lab File: VR025611.D
Acq: 9 Aug 2018 17:47

Tgt Ion: 96 Resp: 11433
Ion Ratio Lower Upper
96 100
61 106.5 85.5 158.9
98 76.6 42.1 78.1

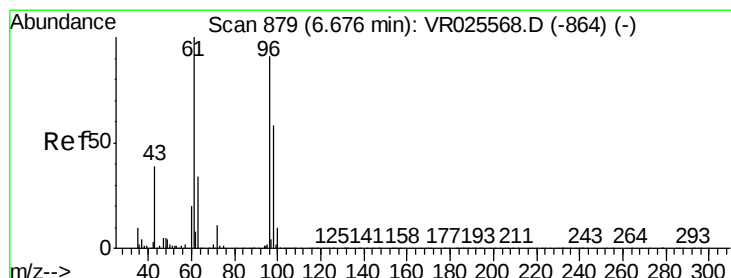
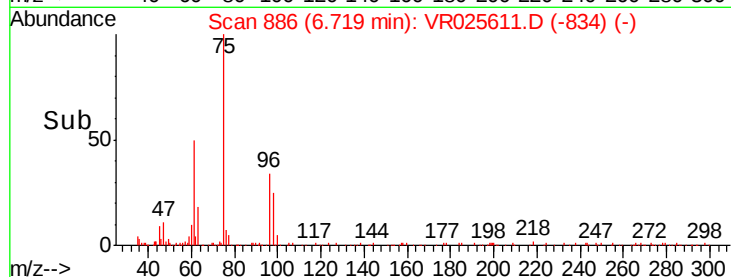
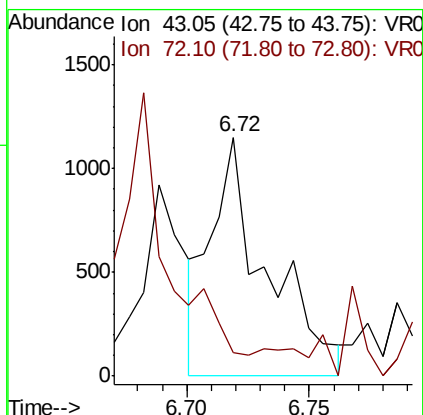
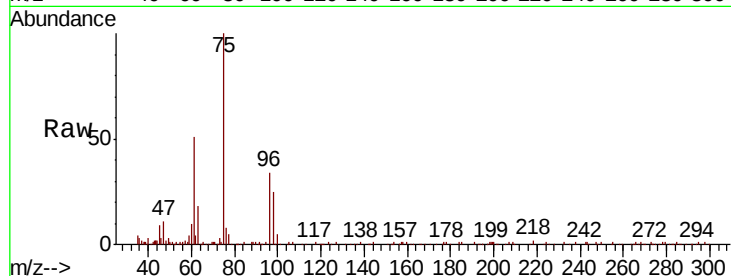




#21
2-Butanone
Concen: 0.548 ug/L
RT: 6.72 min Scan# 886
Delta R.T. 0.02 min
Lab File: VR025611.D
Acq: 9 Aug 2018 17:47

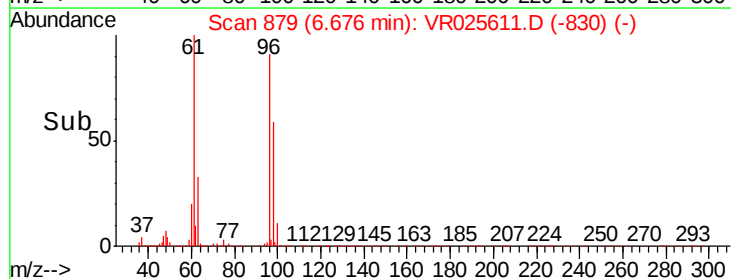
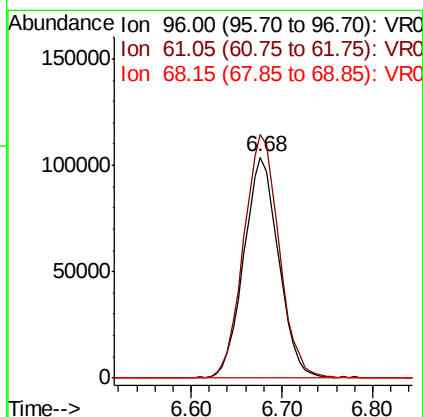
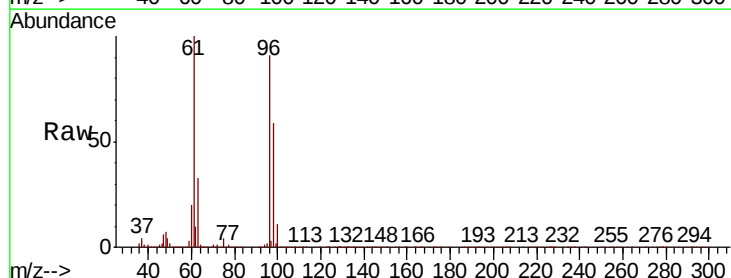
Instrument :
MSVOA_R
ClientSampleID :
ESWY1DL

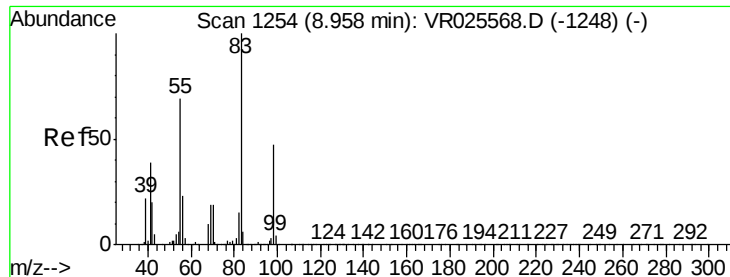
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
72 15.1 13.2 39.6



#22
cis-1,2-Dichloroethene
Concen: 7.912 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025611.D
Acq: 9 Aug 2018 17:47

Tgt Ion: 96 Resp: 275185
Ion Ratio Lower Upper
96 100
61 110.4 77.7 144.3
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025611.D

Acq: 9 Aug 2018 17:47

Instrument :

MSVOA_R

ClientSampled :

ESWY1DL

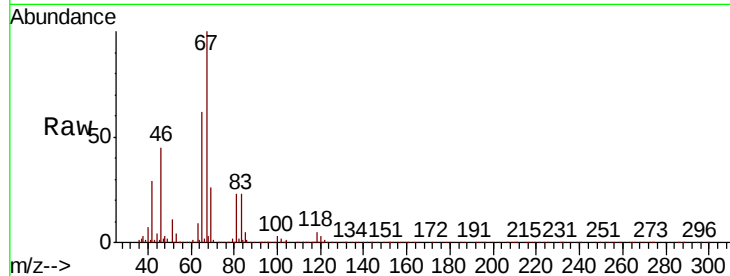
Tgt Ion: 83 Resp: 39942

Ion Ratio Lower Upper

83 100

55 0.9 58.3 87.5#

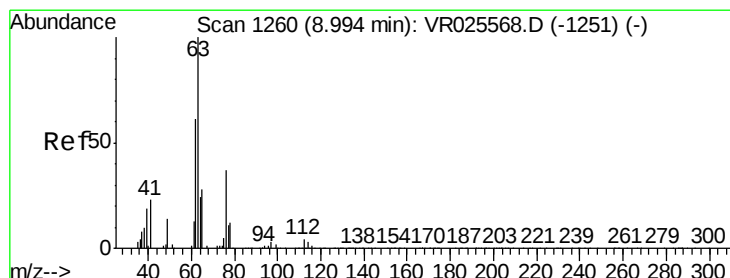
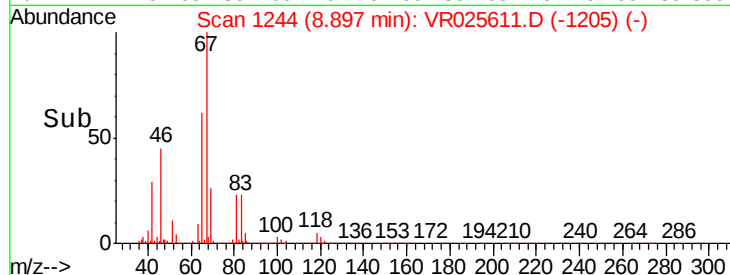
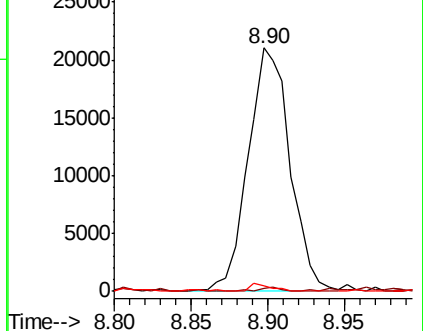
98 1.7 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025611.D

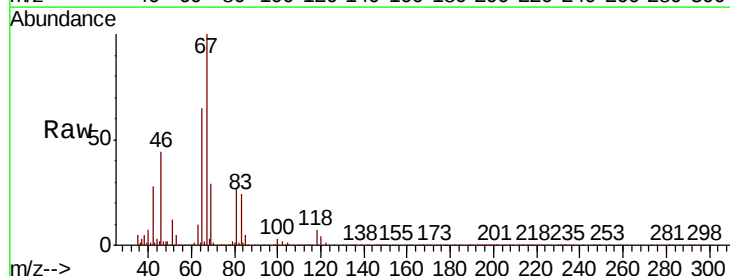
Acq: 9 Aug 2018 17:47

Tgt Ion: 63 Resp: 16918

Ion Ratio Lower Upper

63 100

112 1.6 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

