

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025589.D
 Acq On : 8 Aug 2018 11:28
 Operator : SY/MD
 Sample : J4358-19
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:27:55 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	528805	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	113394	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	2.64	69	100369	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	3.64	63	219818	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	6.60	46	180121	66.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.02%#
24) Chloroform-d	7.20	84	265885	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.90	65	97950	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	7.86	84	567803	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	161703	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	9.97	98	503763	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	26930	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	10.59	63	156892	61.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78555	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	144606	6.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.20%#

Target Compounds

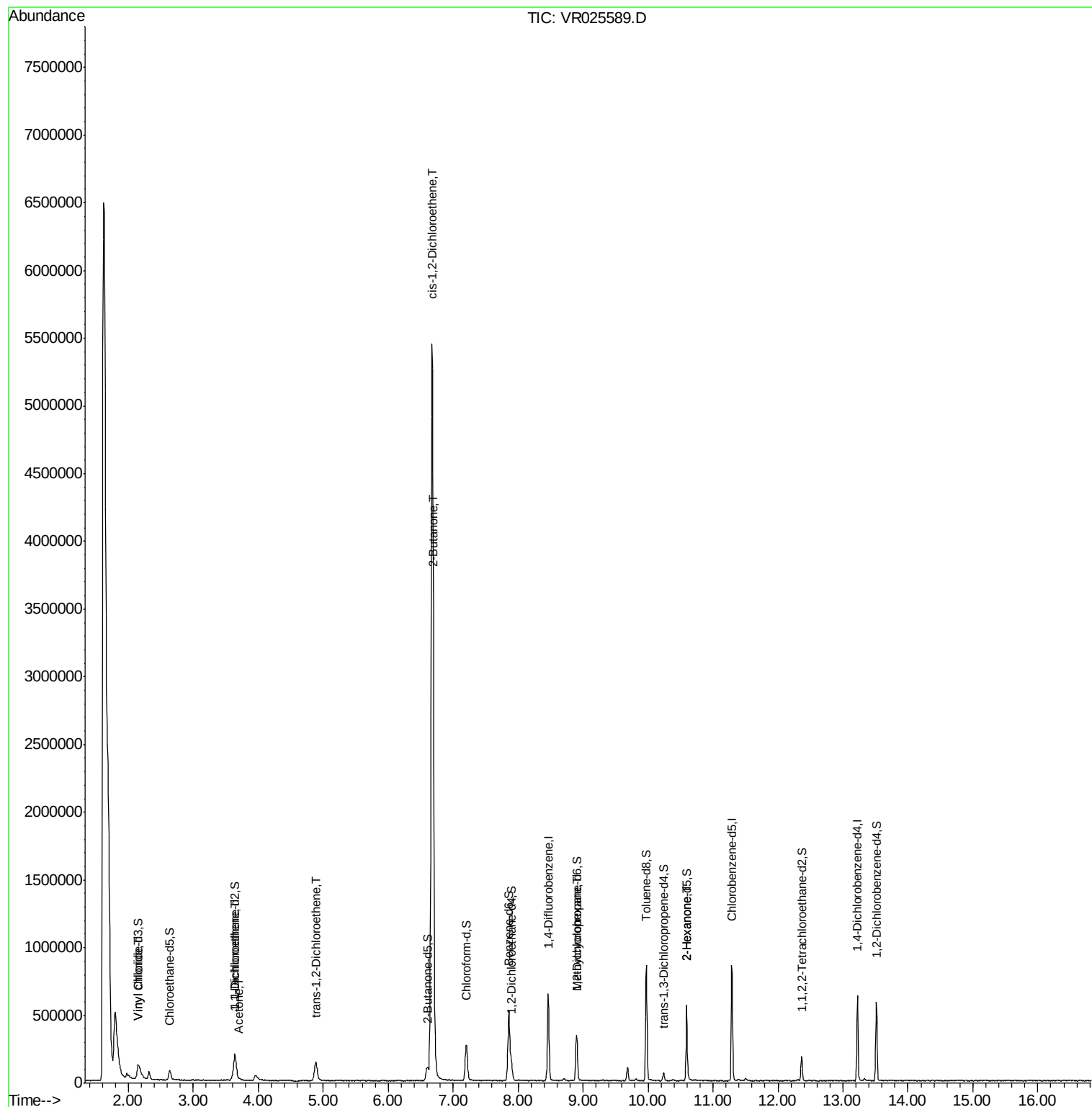
					Ovalue
5) Vinyl chloride	2.16	62	110841	2.774 ug/L	98
12) 1,1-Dichloroethene	3.65	96	9743	0.258 ug/L #	1
13) Acetone	3.70	43	5608	2.463 ug/L	53
18) trans-1,2-Dichloroethene	4.88	96	103947	2.873 ug/L	99
21) 2-Butanone	6.70	43	3012	0.952 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	3424578	103.649 ug/L #	95
35) Methylcyclohexane	8.90	83	36239	0.702 ug/L #	20
48) 2-Hexanone	10.59	43	19899	3.604 ug/L #	74

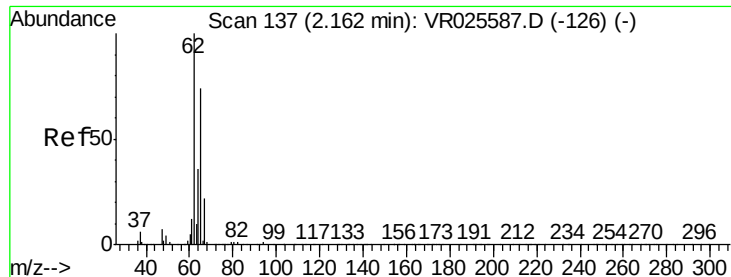
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.774 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.00 min

Lab File: VR025589.D

Acq: 8 Aug 2018 11:28

Instrument :

MSVOA_R

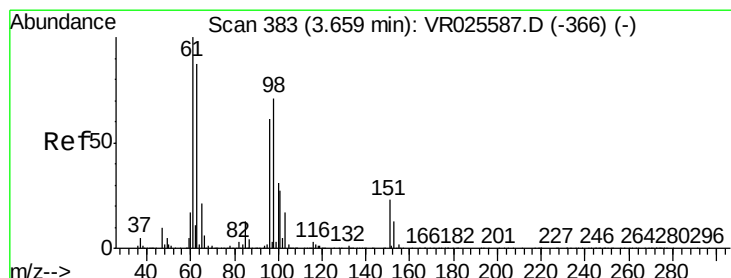
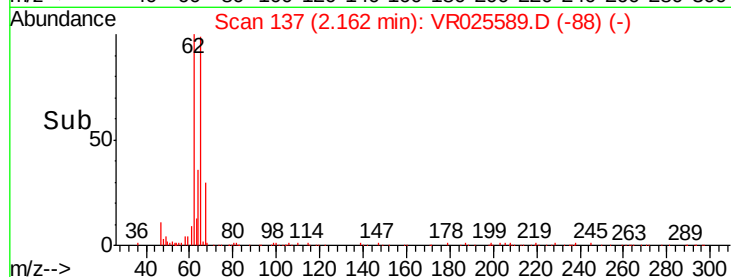
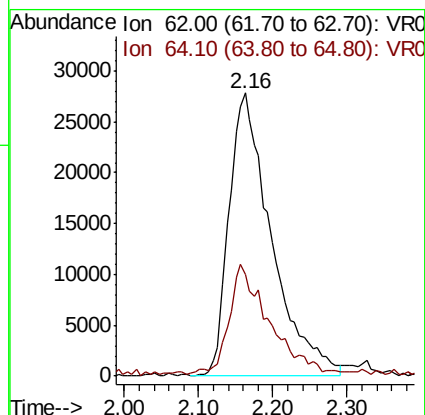
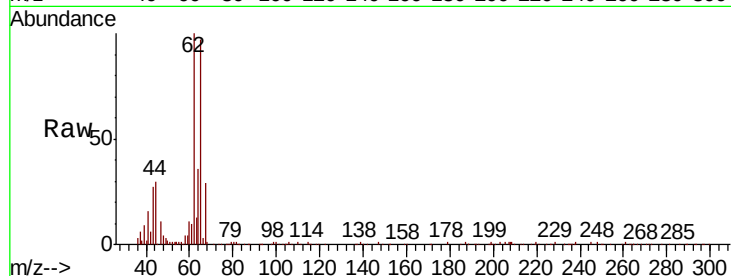
ClientSampled :

Tot Ion: 62 Resp: 110841

Ion Ratio Lower Upper

62 100

64 35.7 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.258 ug/L

RT: 3.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: VR025589.D

Acq: 8 Aug 2018 11:28

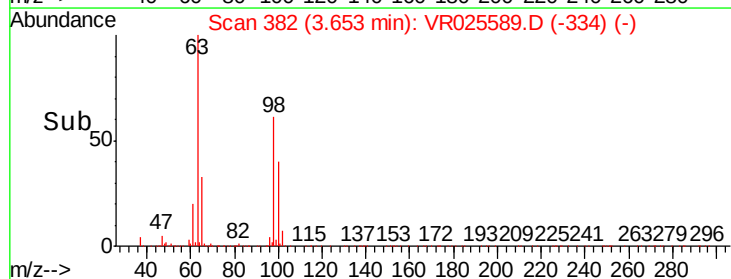
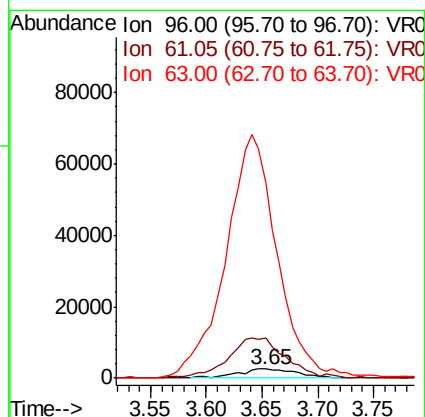
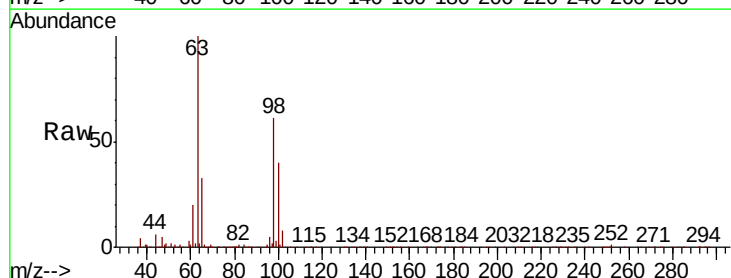
Tgt Ion: 96 Resp: 9743

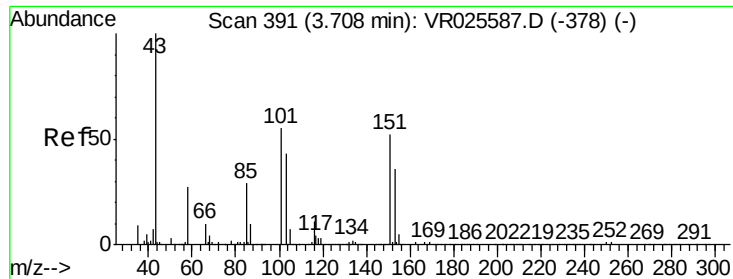
Ion Ratio Lower Upper

96 100

61 426.4 124.3 230.8#

63 2102.1 108.1 200.7#

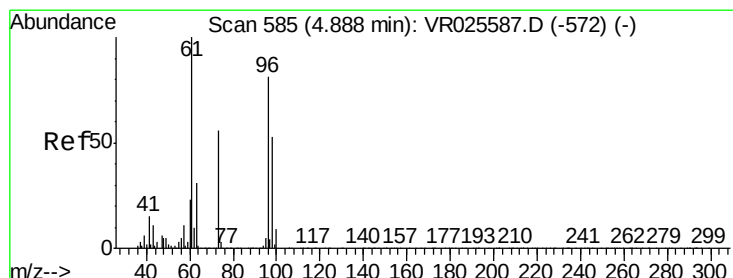
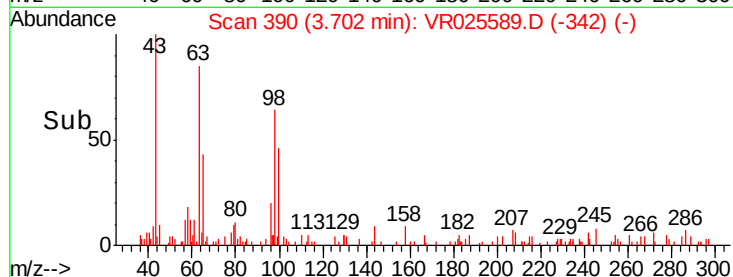
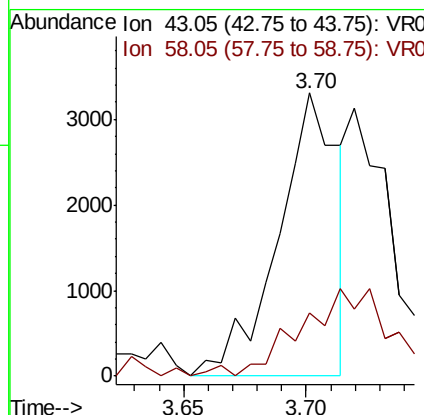
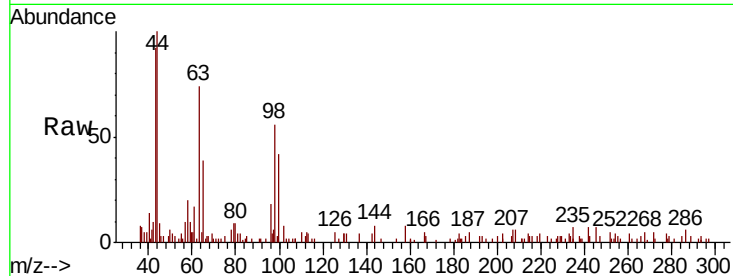




#13
Acetone
Concen: 2.463 ug/L
RT: 3.70 min Scan# 390
Delta R.T. -0.01 min
Lab File: VR025589.D
Acq: 8 Aug 2018 11:28

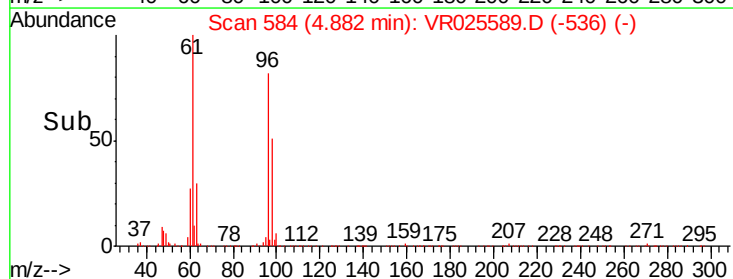
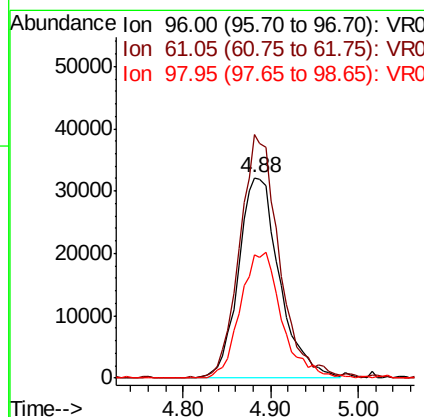
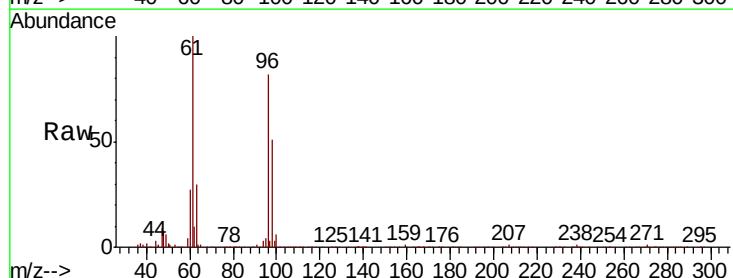
Instrument :
MSVOA_R
ClientSampleId :

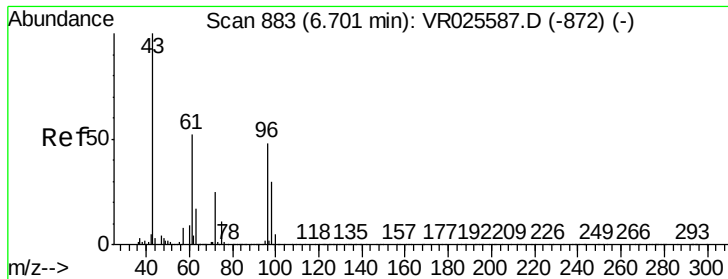
Tot Ion: 43 Resp: 5608
Ion Ratio Lower Upper
43 100
58 50.9 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 2.873 ug/L
RT: 4.88 min Scan# 584
Delta R.T. -0.01 min
Lab File: VR025589.D
Acq: 8 Aug 2018 11:28

Tgt Ion: 96 Resp: 103947
Ion Ratio Lower Upper
96 100
61 121.3 85.5 158.9
98 61.4 42.1 78.1

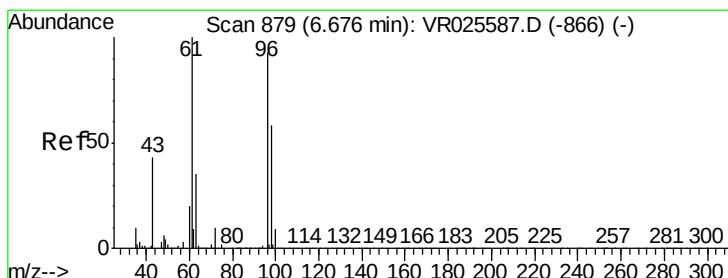
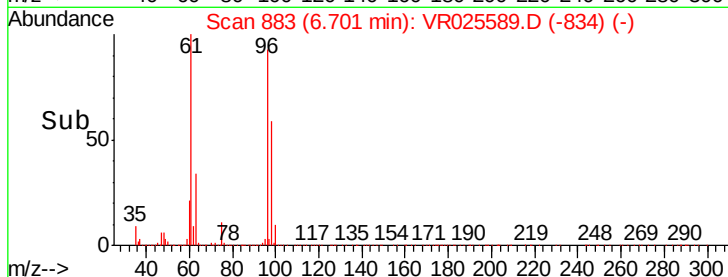
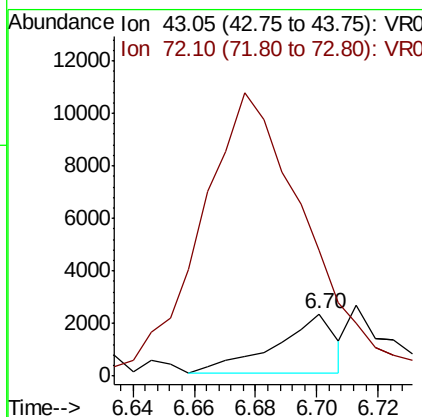
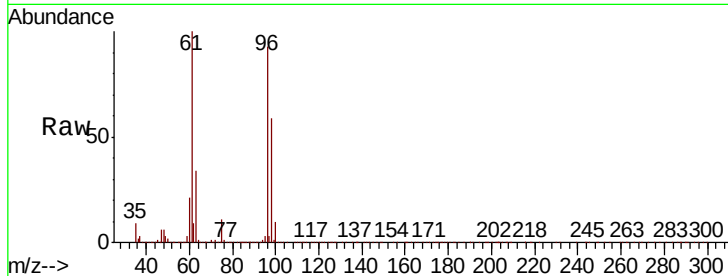




#21
2-Butanone
Concen: 0.952 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.00 min
Lab File: VR025589.D
Acq: 8 Aug 2018 11:28

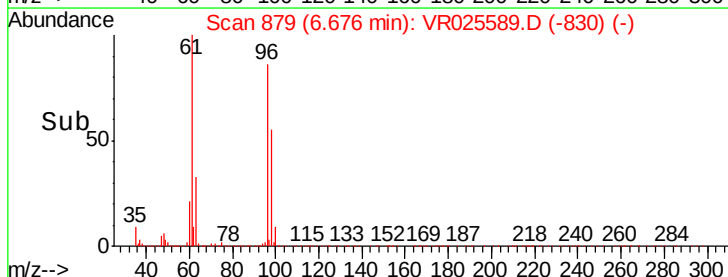
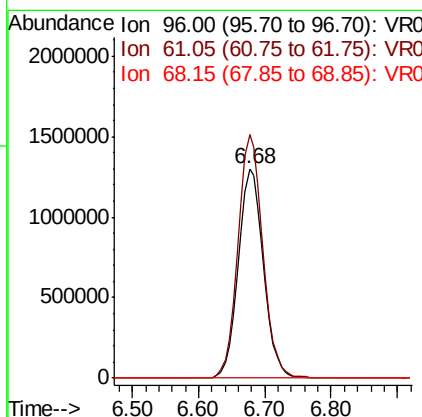
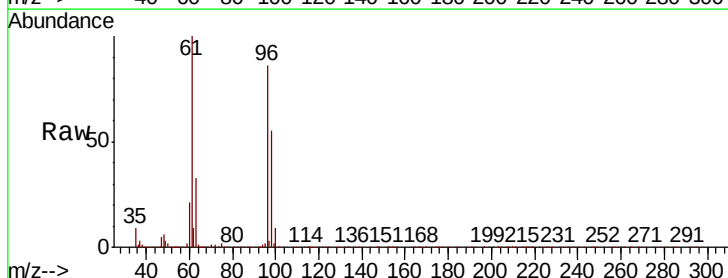
Instrument :
MSVOA_R
ClientSampled :

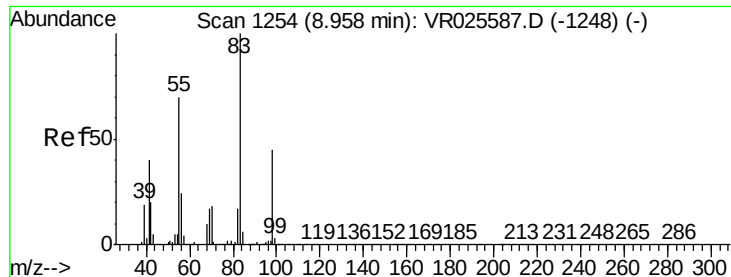
Tot Ion: 43 Resp: 3012
Ion Ratio Lower Upper
43 100
72 875.7 13.2 39.6#



#22
cis-1,2-Dichloroethene
Concen: 103.649 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025589.D
Acq: 8 Aug 2018 11:28

Tgt Ion: 96 Resp: 3424578
Ion Ratio Lower Upper
96 100
61 116.3 77.7 144.3
68 0.0 0.0 0.0#





#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025589.D

Acq: 8 Aug 2018 11:28

Instrument :

MSVOA_R

ClientSampled :

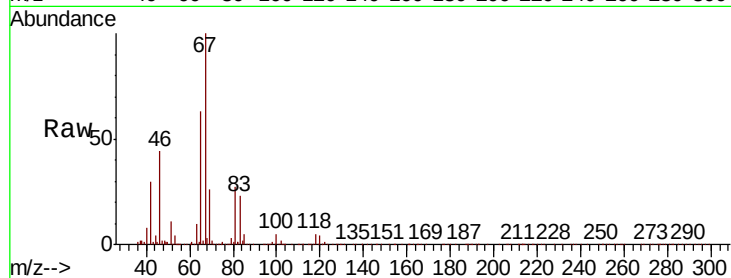
Tot Ion: 83 Resp: 36239

Ion Ratio Lower Upper

83 100

55 0.0 58.3 87.5#

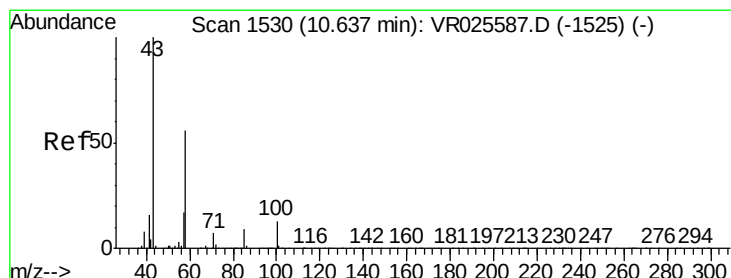
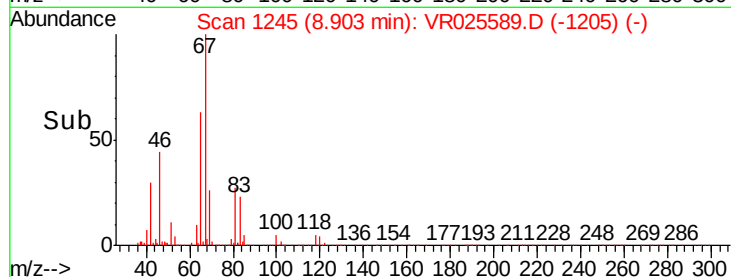
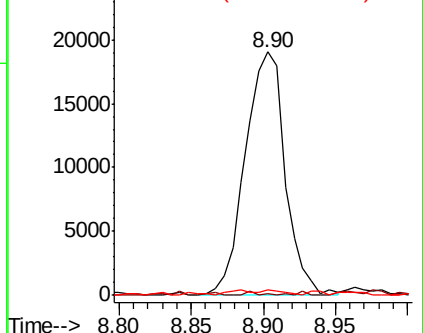
98 1.3 37.8 56.6#



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



#48

2-Hexanone

Concen: 3.604 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025589.D

Acq: 8 Aug 2018 11:28

Tgt Ion: 43 Resp: 19899

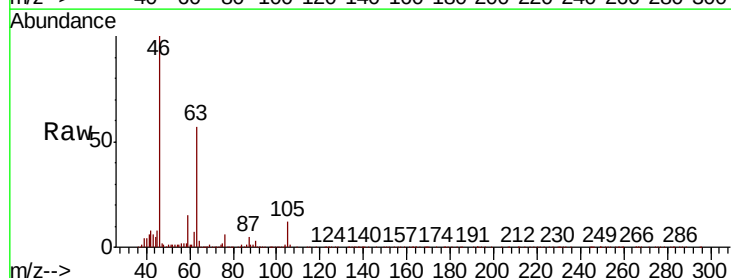
Ion Ratio Lower Upper

43 100

58 36.1 45.0 67.6#

57 34.5 15.8 23.6#

100 9.1 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

