

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025596.D
 Acq On : 8 Aug 2018 15:34
 Operator : SY/MD
 Sample : J4358-06DL 20X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:28:54 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	543668	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	459097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	214426	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	2.64	69	141143	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	3.64	63	351077	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	6.60	46	176427	63.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.72%
24) Chloroform-d	7.21	84	326112	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	7.90	65	121019	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
32) Benzene-d6	7.86	84	760051	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
36) 1,2-Dichloropropane-d6	8.90	67	201443	6.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.60%
41) Toluene-d8	9.97	98	727493	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
43) trans-1,3-Dichloropropene-	10.24	79	43635	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	10.59	63	176417	66.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.54%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85119	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	172314	7.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	153.00%#

Target Compounds

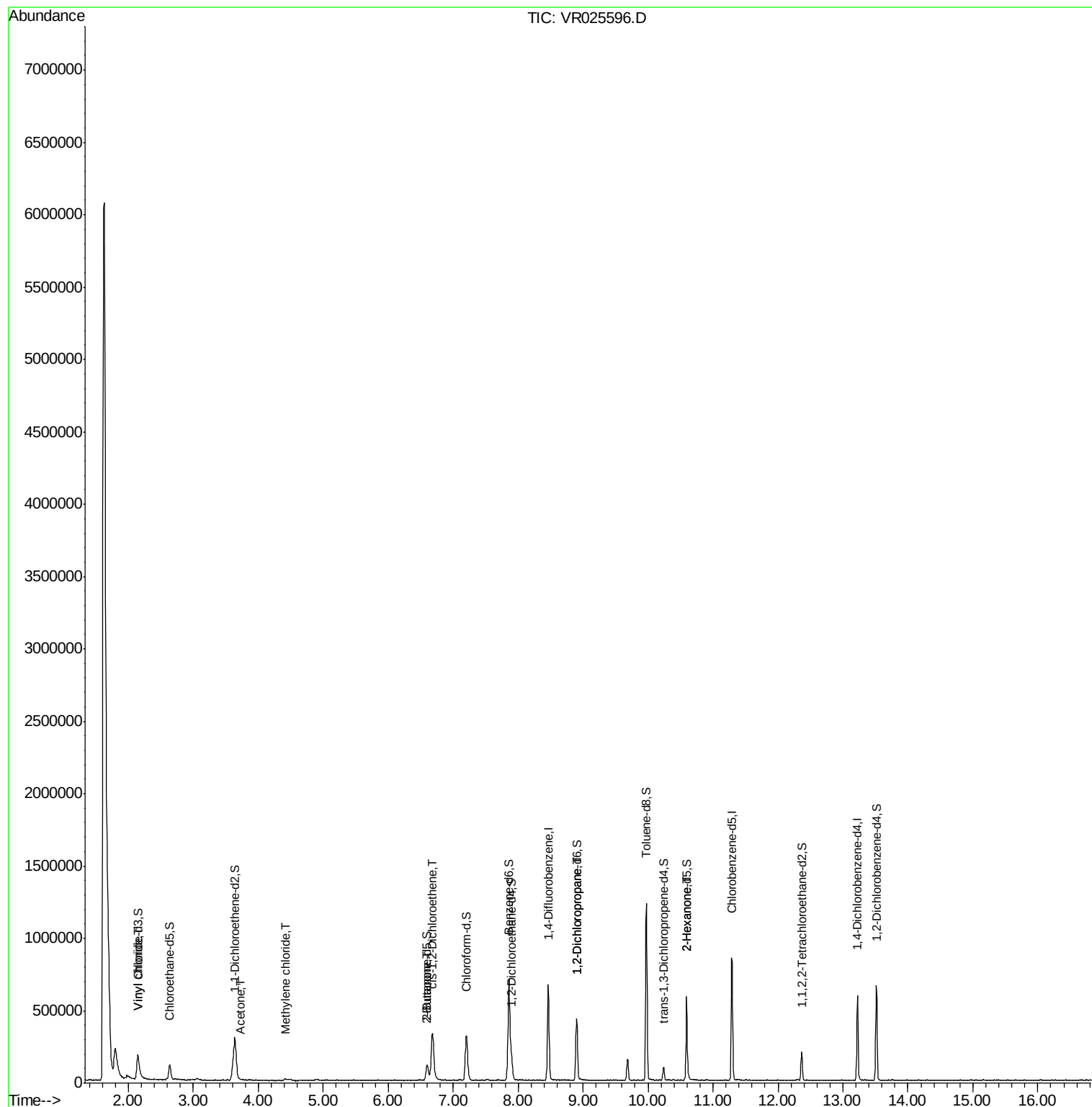
					Ovalue
5) Vinyl chloride	2.15	62	36956	0.900 ug/L	90
13) Acetone	3.73	43	1195	0.511 ug/L	79
16) Methylene chloride	4.42	84	12488	0.381 ug/L #	64
21) 2-Butanone	6.59	43	1012	0.311 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	206719	6.086 ug/L #	99
37) 1,2-Dichloropropane	8.90	63	17751	0.595 ug/L #	90
48) 2-Hexanone	10.59	43	22432	3.954 ug/L #	67

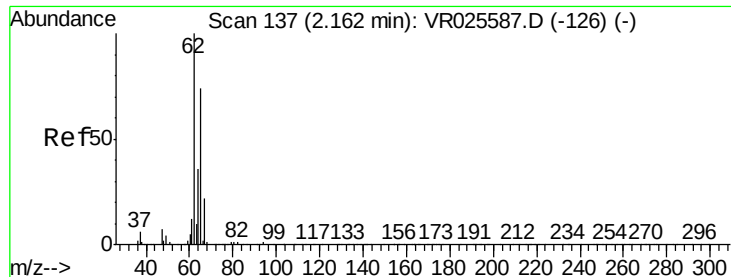
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.900 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025596.D

Acq: 8 Aug 2018 15:34

Instrument :

MSVOA_R

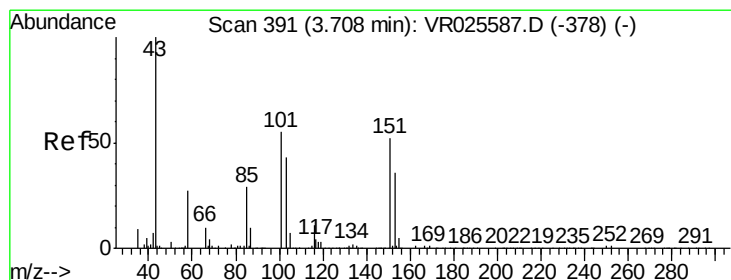
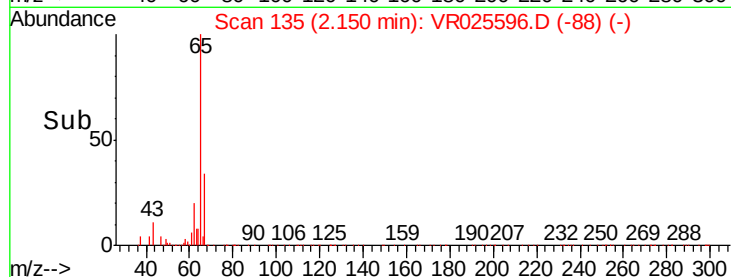
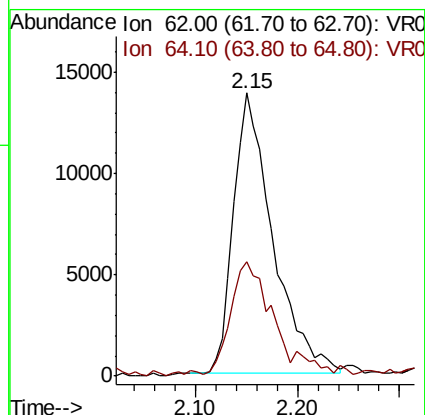
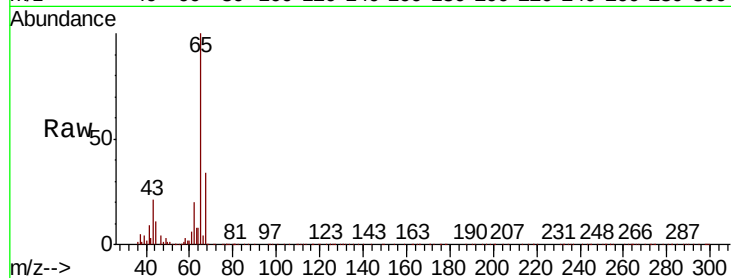
ClientSampleId :

Tot Ion: 62 Resp: 36956

Ion Ratio Lower Upper

62 100

64 40.3 24.1 44.8



#13

Acetone

Concen: 0.511 ug/L

RT: 3.73 min Scan# 394

Delta R.T. 0.02 min

Lab File: VR025596.D

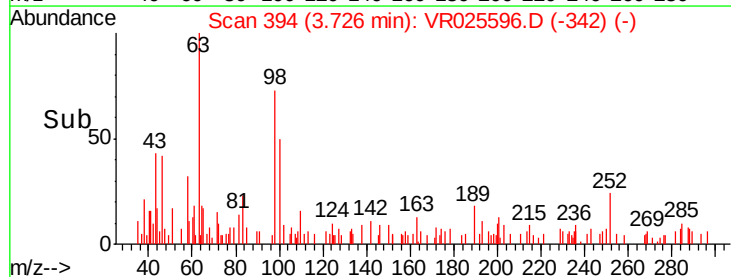
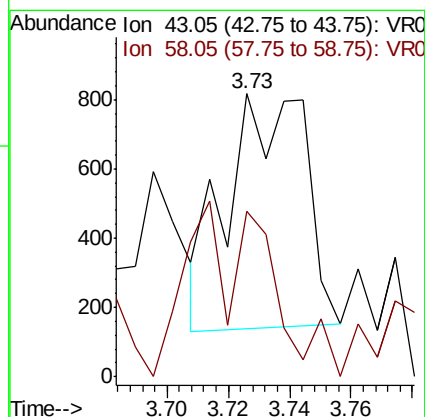
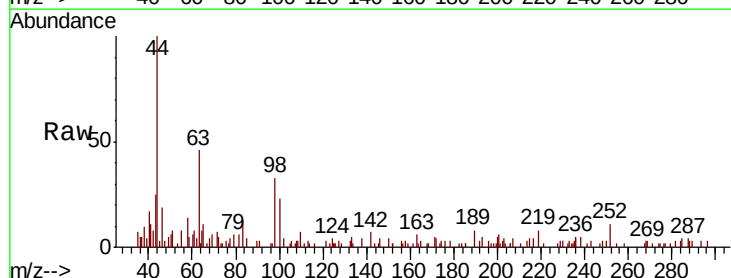
Acq: 8 Aug 2018 15:34

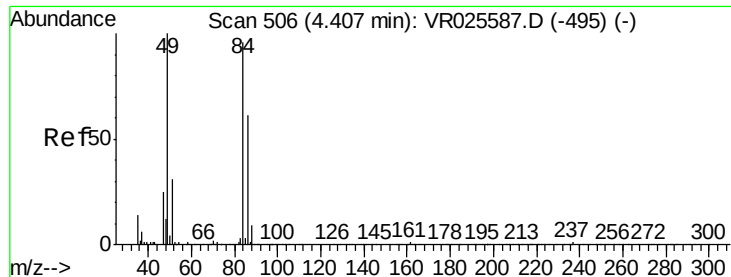
Tgt Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

58 37.7 0.0 53.4

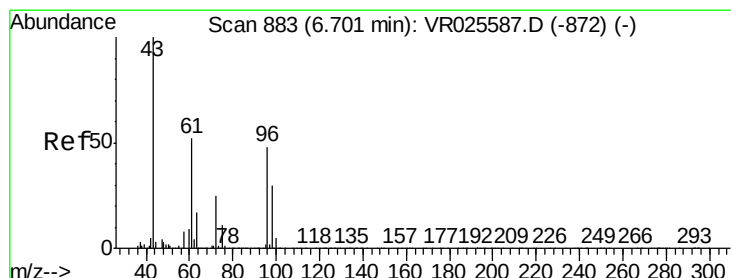
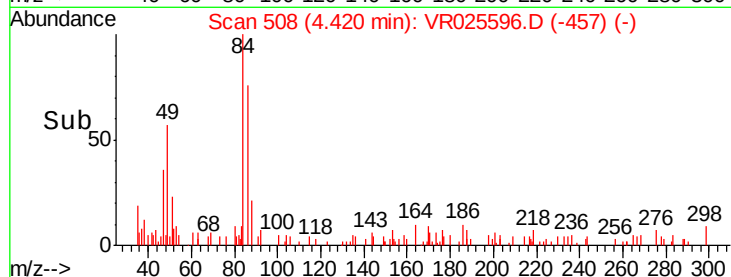
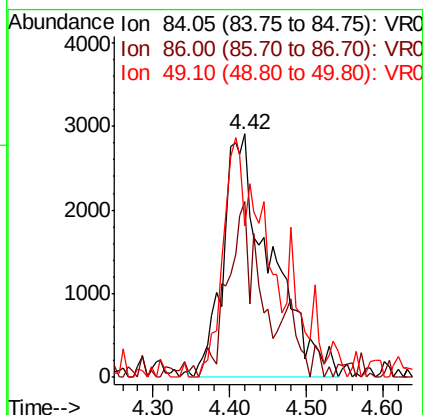
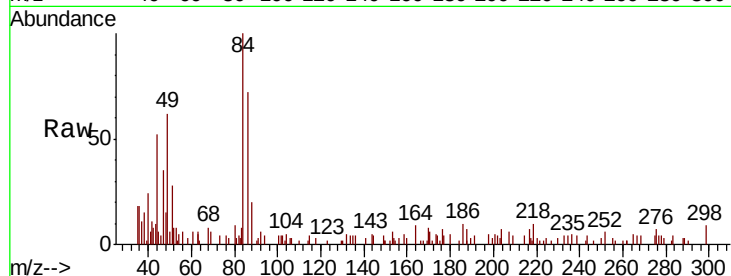




#16
Methylene chloride
Concen: 0.381 ug/L
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VR025596.D
Acq: 8 Aug 2018 15:34

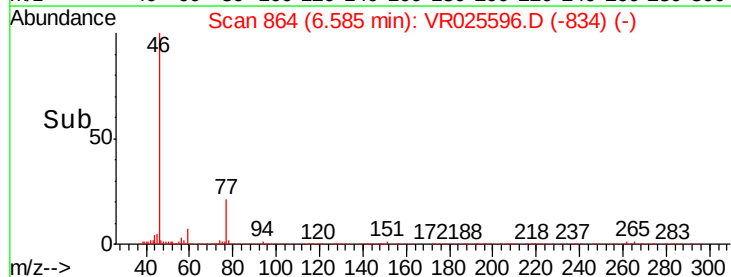
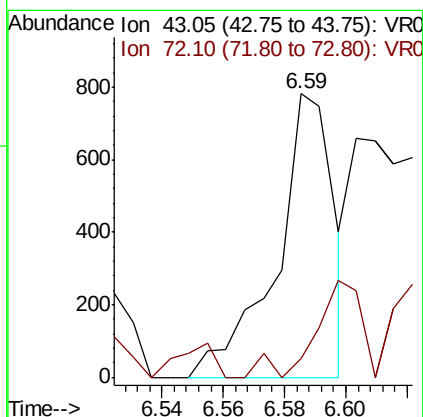
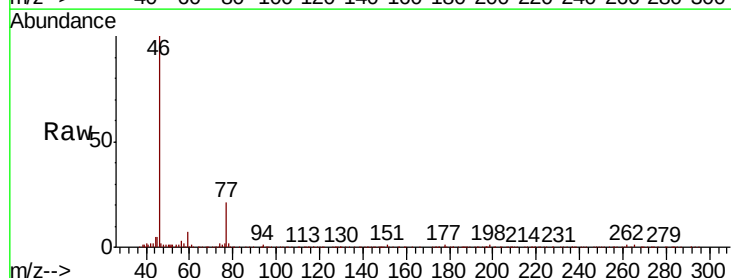
Instrument :
MSVOA_R
ClientSampled :

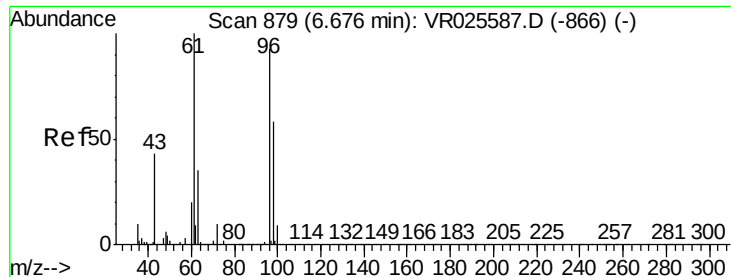
Tot Ion: 84 Resp: 12488
Ion Ratio Lower Upper
84 100
86 72.2 40.4 75.0
49 62.0 76.2 141.4#



#21
2-Butanone
Concen: 0.311 ug/L
RT: 6.59 min Scan# 864
Delta R.T. -0.12 min
Lab File: VR025596.D
Acq: 8 Aug 2018 15:34

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
72 27.3 13.2 39.6



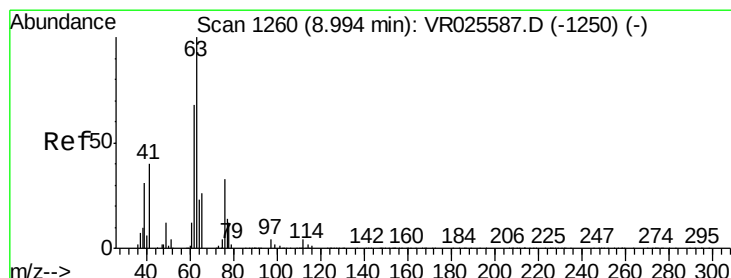
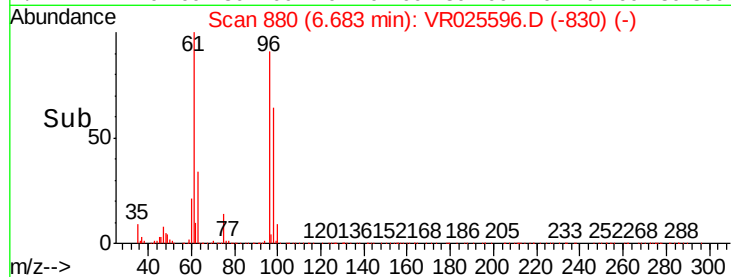
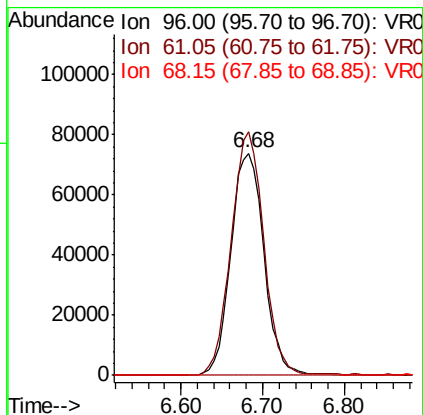
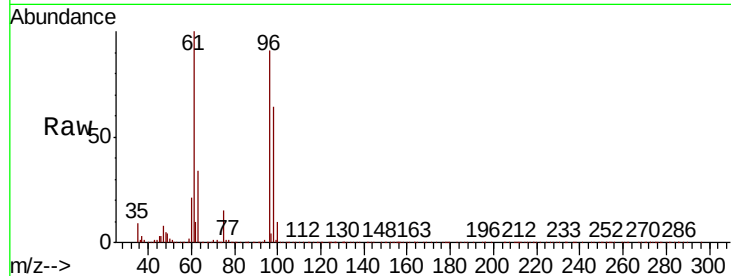


#22

cis-1,2-Dichloroethene
 Concen: 6.086 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025596.D
 Acq: 8 Aug 2018 15:34

Instrument :
 MSVOA_R
 ClientSampleId :

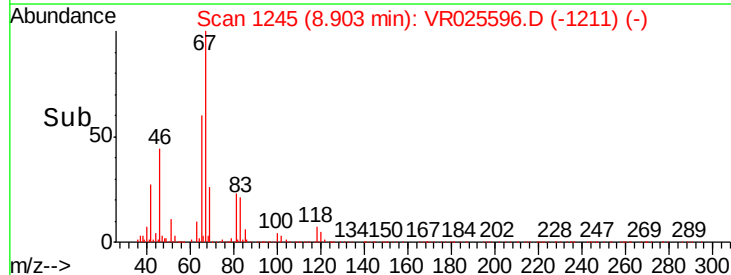
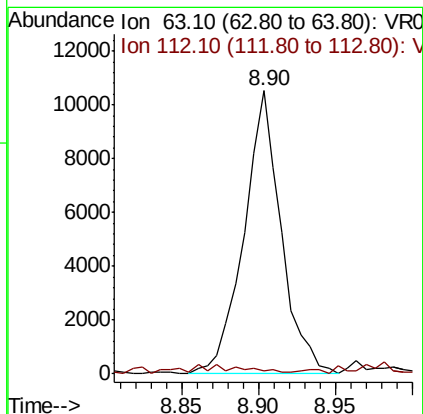
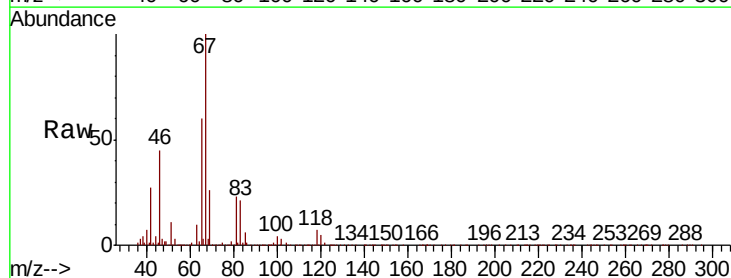
Tot Ion	Ratio	Lower	Upper
96	100		
61	109.6	77.7	144.3
68	0.1	0.0	0.0#

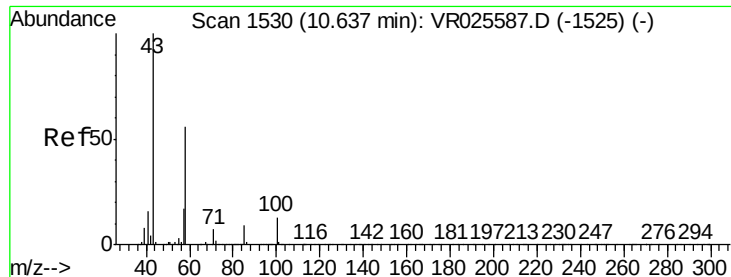


#37

1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025596.D
 Acq: 8 Aug 2018 15:34

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.3	4.9#





#48
 2-Hexanone
 Concen: 3.954 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025596.D
 Acq: 8 Aug 2018 15:34

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 22432
 Ion Ratio Lower Upper
 43 100
 58 26.5 45.0 67.6#
 57 28.0 15.8 23.6#
 100 2.4 9.3 13.9#

