

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025595.D
 Acq On : 8 Aug 2018 15:01
 Operator : SY/MD
 Sample : J4358-02DL 20X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:28:45 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	8.46	114	455094	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	394961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	126244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	201408	7.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	142.80%#
7) Chloroethane-d5	2.64	69	156631	7.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.00%#
11) 1,1-Dichloroethene-d2	3.63	63	316351	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	6.60	46	130596	56.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.06%
24) Chloroform-d	7.21	84	270997	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	7.90	65	95318	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	7.86	84	629324	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
36) 1,2-Dichloropropane-d6	8.90	67	158795	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	9.97	98	602480	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
43) trans-1,3-Dichloropropene-	10.24	79	35423	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	125913	55.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67456	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	142805	7.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	148.00%#

Target Compounds

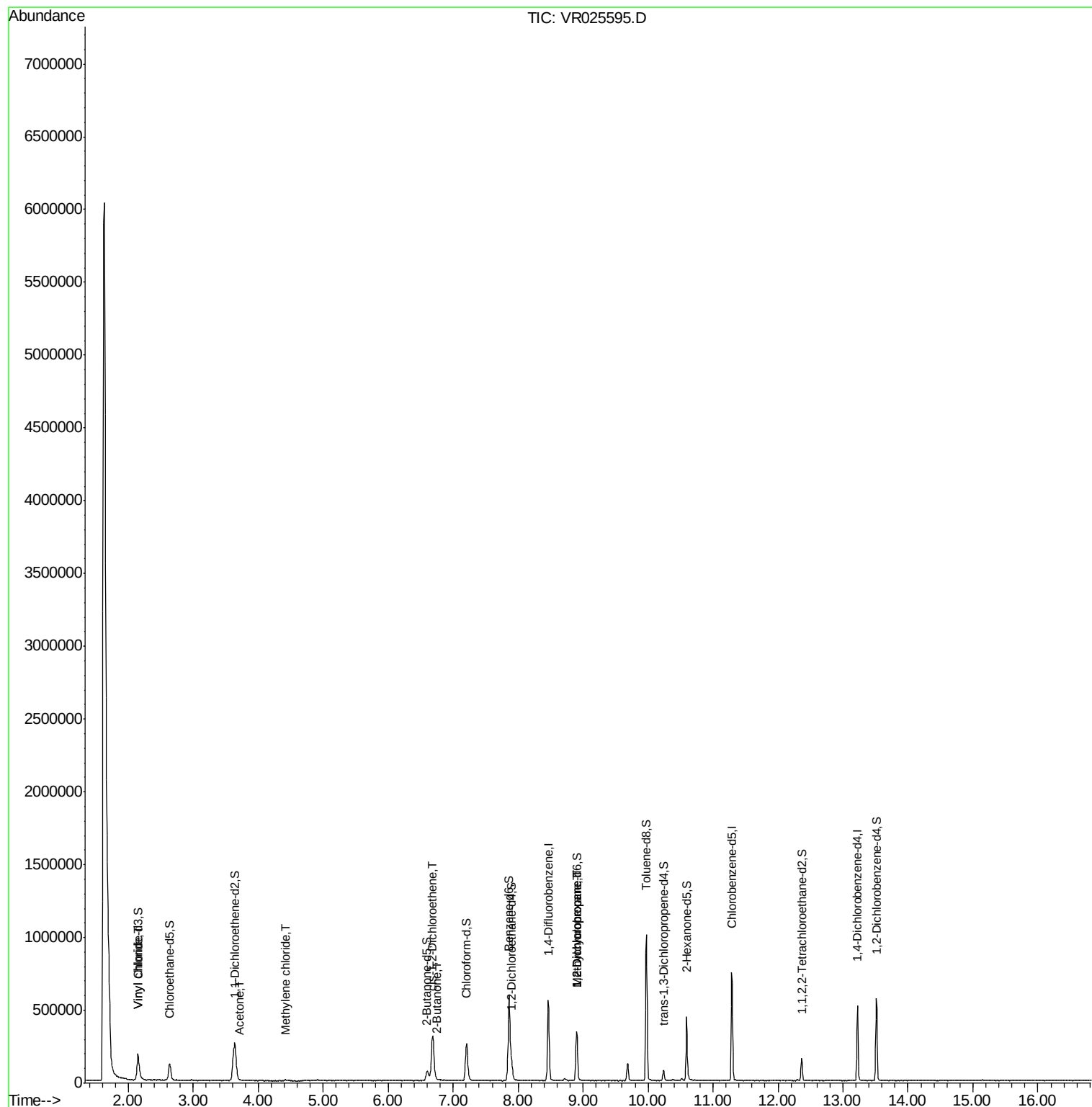
					Ovalue
5) Vinyl chloride	2.16	62	78219	2.275	ug/L 95
13) Acetone	3.71	43	1027	0.524	ug/L 97
16) Methylene chloride	4.43	84	6197	0.226	ug/L # 65
21) 2-Butanone	6.75	43	620	0.228	ug/L 85
22) cis-1,2-Dichloroethene	6.68	96	200999	7.069	ug/L 96
35) Methylcyclohexane	8.90	83	36245	0.794	ug/L # 20
37) 1,2-Dichloropropane	8.90	63	15873	0.618	ug/L # 97

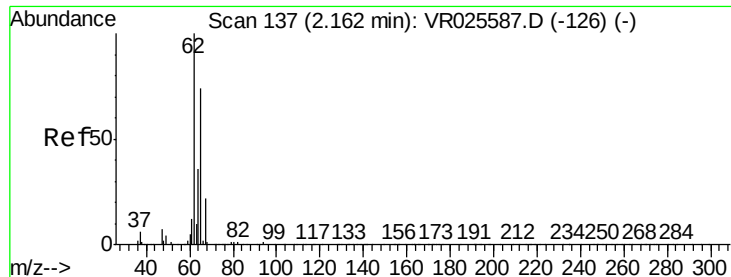
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.275 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025595.D

Acq: 8 Aug 2018 15:01

Instrument :

MSVOA_R

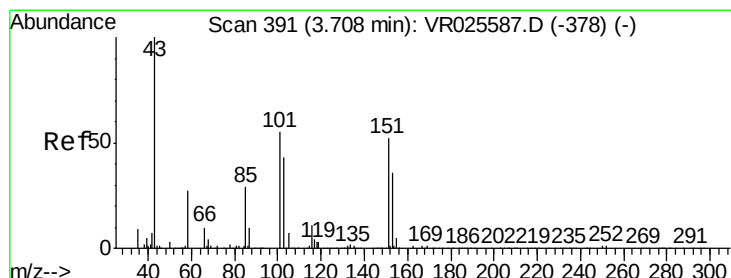
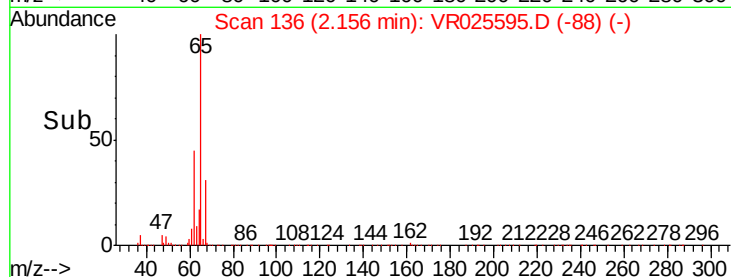
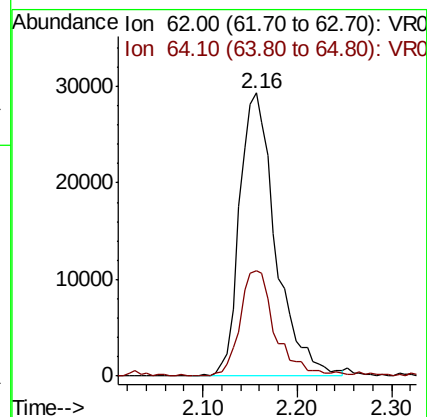
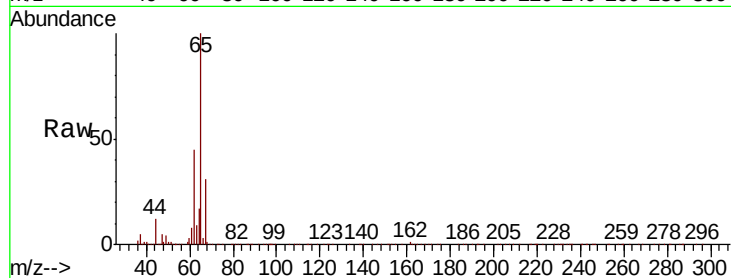
ClientSampleId :

Tot Ion: 62 Resp: 78219

Ion Ratio Lower Upper

62 100

64 37.4 24.1 44.8



#13

Acetone

Concen: 0.524 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025595.D

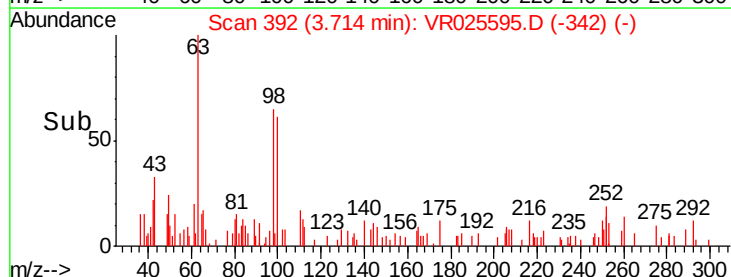
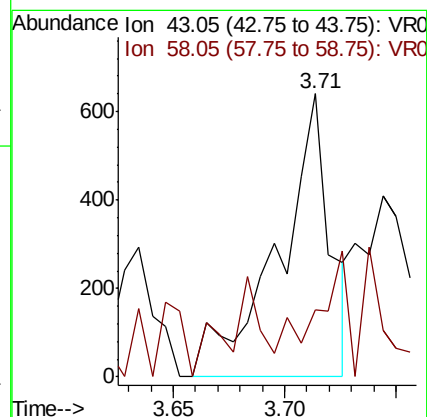
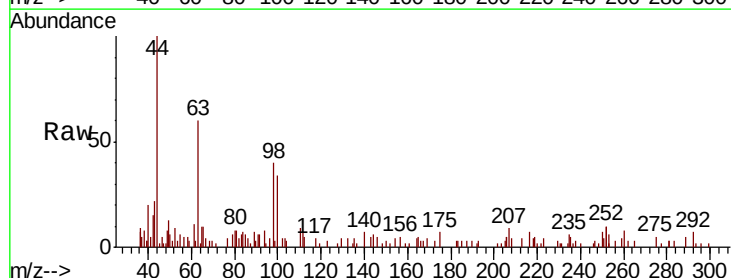
Acq: 8 Aug 2018 15:01

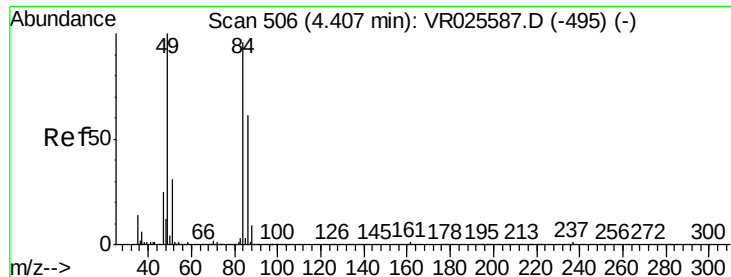
Tgt Ion: 43 Resp: 1027

Ion Ratio Lower Upper

43 100

58 28.3 0.0 53.4

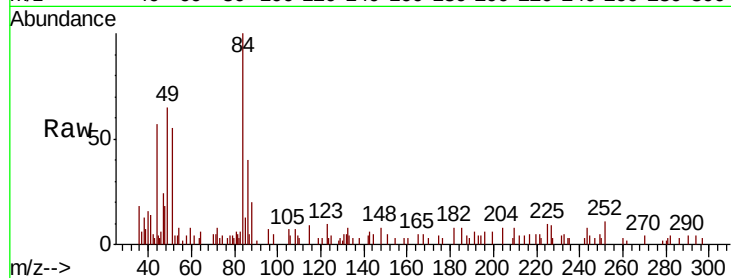




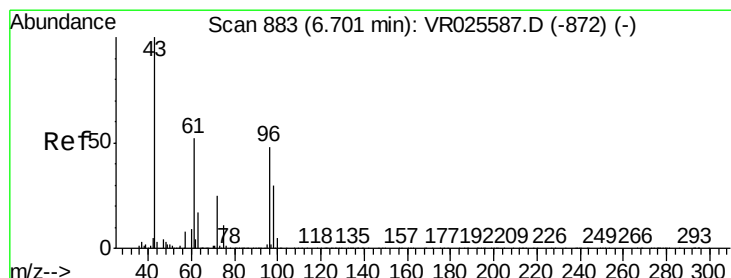
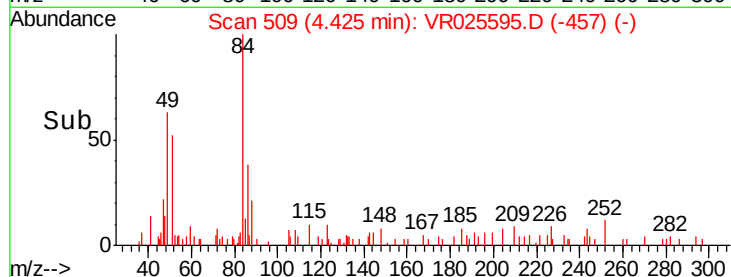
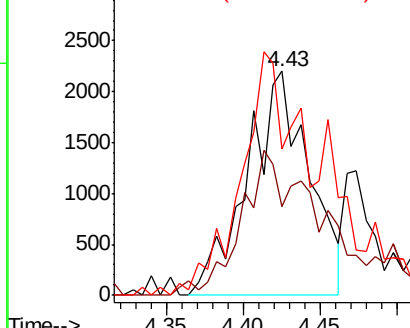
#16
Methylene chloride
Concen: 0.226 ug/L
RT: 4.43 min Scan# 509
Delta R.T. 0.02 min
Lab File: VR025595.D
Acq: 8 Aug 2018 15:01

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 84 Resp: 6197
Ion Ratio Lower Upper
84 100
86 39.6 40.4 75.0#
49 65.4 76.2 141.4#

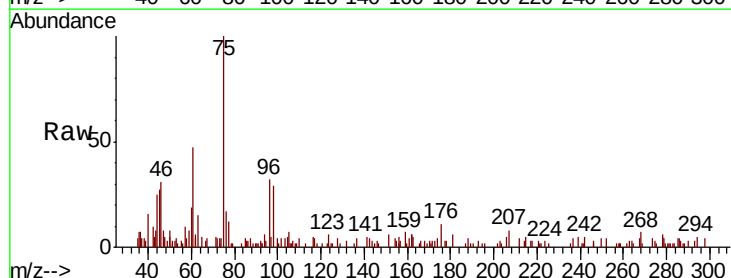


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

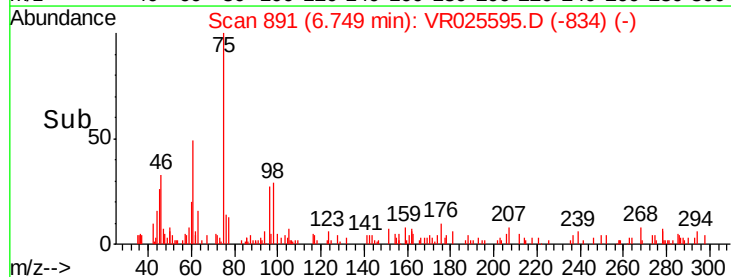
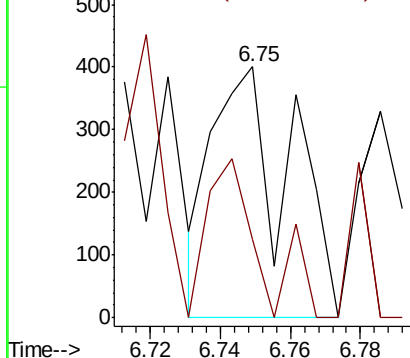


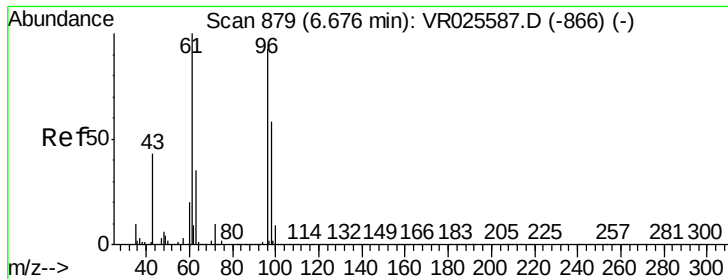
#21
2-Butanone
Concen: 0.228 ug/L
RT: 6.75 min Scan# 891
Delta R.T. 0.05 min
Lab File: VR025595.D
Acq: 8 Aug 2018 15:01

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
72 34.2 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 72.10 (71.80 to 72.80): VR0



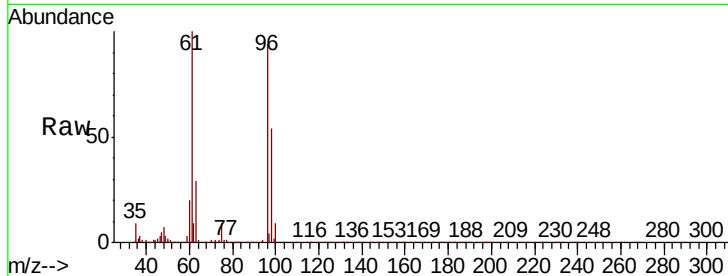


#22

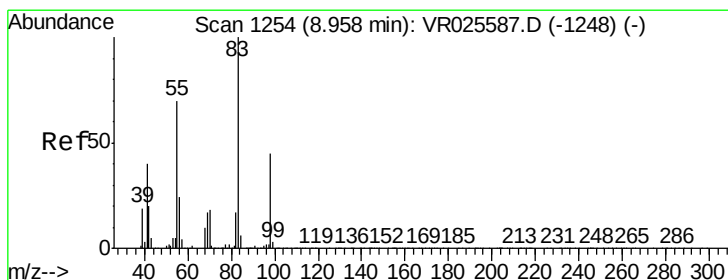
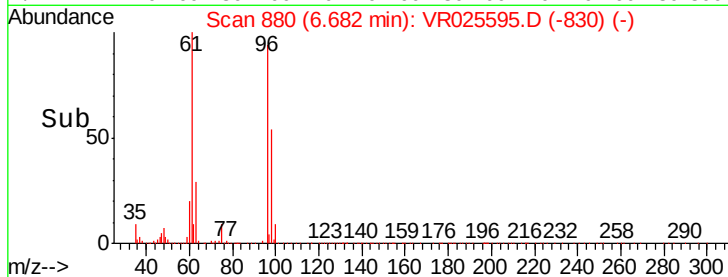
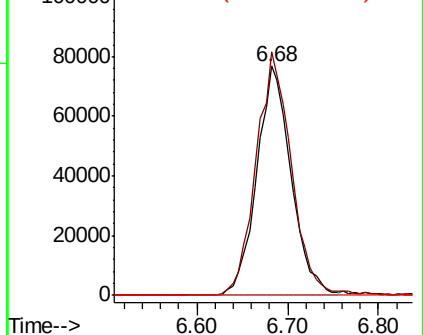
cis-1,2-Dichloroethene
 Concen: 7.069 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025595.D
 Acq: 8 Aug 2018 15:01

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	106.3	77.7	144.3
68	0.0	0.0	0.0



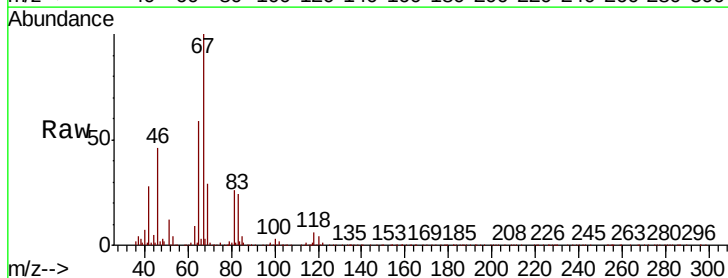
Abundance Ion 96.00 (95.70 to 96.70): VR0
 Ion 61.05 (60.75 to 61.75): VR0
 Ion 68.15 (67.85 to 68.85): VR0



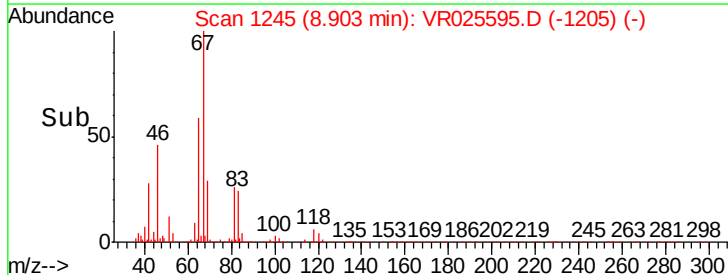
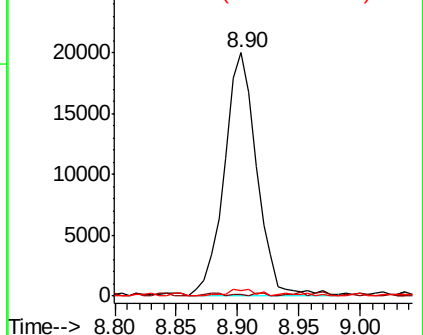
#35

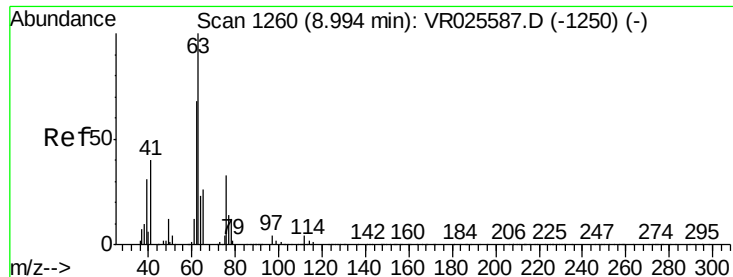
Methylcyclohexane
 Concen: 0.794 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VR025595.D
 Acq: 8 Aug 2018 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.3	87.5#
98	0.0	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: 0.618 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025595.D

Acq: 8 Aug 2018 15:01

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 63 Resp: 15873

Ion Ratio Lower Upper

63 100

112 3.2 3.3 4.9#

