

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025584.D
 Acq On : 7 Aug 2018 19:23
 Operator : SY/MD
 Sample : J4358-18
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWY2

Quant Time: Aug 08 02:02:22 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	8.46	114	491295	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	426669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	104929	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	2.63	69	102011	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	3.63	63	212252	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	6.60	46	164645	65.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.86%#
24) Chloroform-d	7.21	84	252222	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	7.89	65	91574	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	7.86	84	528643	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	147947	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	464795	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	10.24	79	29396	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	10.59	63	157869	64.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78482	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	143149	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

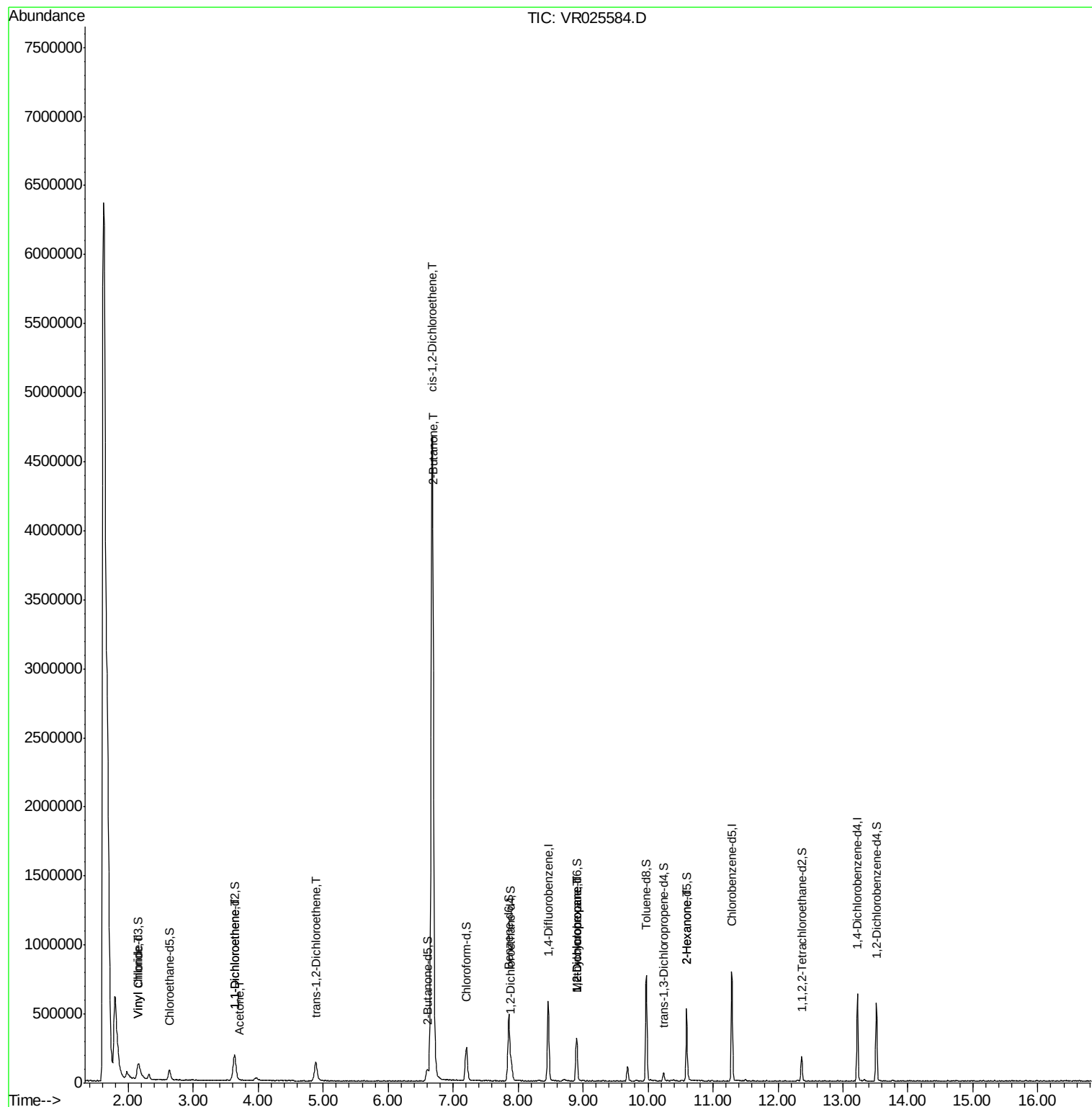
					Qvalue
5) Vinyl chloride	2.16	62	120015	3.233 ug/L	92
12) 1,1-Dichloroethene	3.64	96	8387	0.239 ug/L #	1
13) Acetone	3.71	43	5806	2.745 ug/L	92
18) trans-1,2-Dichloroethene	4.89	96	98721	2.937 ug/L	87
21) 2-Butanone	6.69	43	2864	0.975 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	3077582	100.258 ug/L	95
35) Methylcyclohexane	8.90	83	34017	0.690 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	13354	0.481 ug/L #	93
48) 2-Hexanone	10.59	43	18964	3.597 ug/L #	68

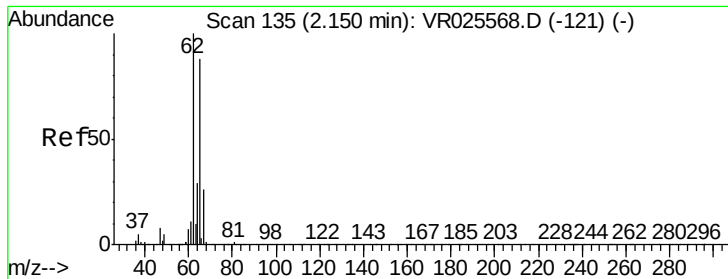
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 3.233 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

Lab File: VR025584.D

Acq: 7 Aug 2018 19:23

Instrument :

MSVOA_R

ClientSampleId :

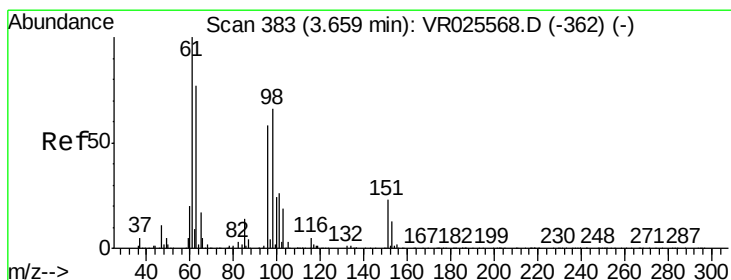
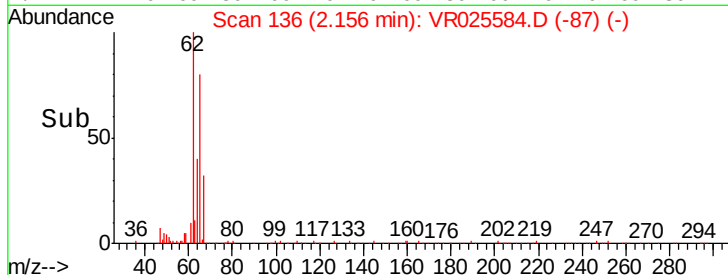
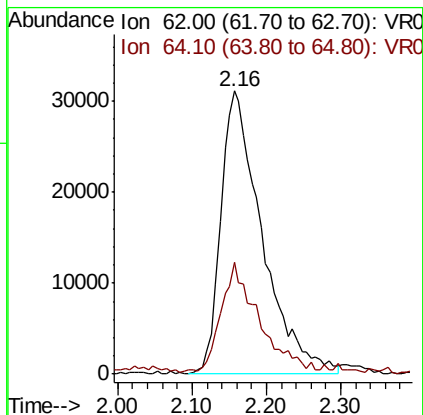
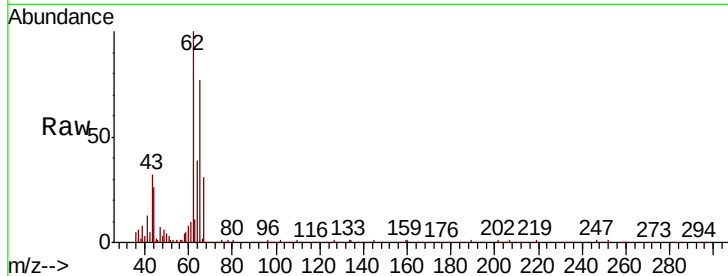
ESWY2

Tgt Ion: 62 Resp: 120015

Ion Ratio Lower Upper

62 100

64 39.3 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.239 ug/L

RT: 3.64 min Scan# 380

Delta R.T. -0.01 min

Lab File: VR025584.D

Acq: 7 Aug 2018 19:23

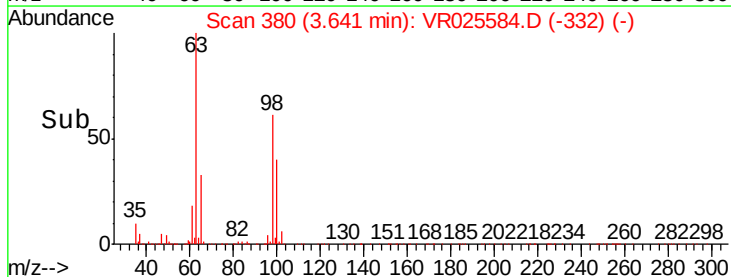
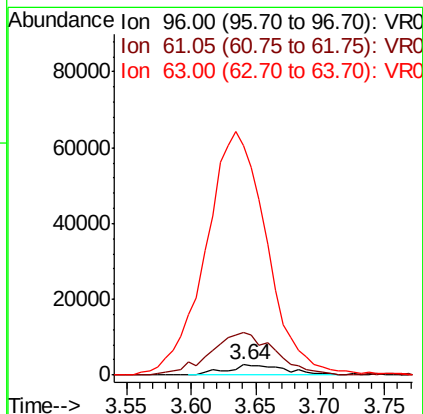
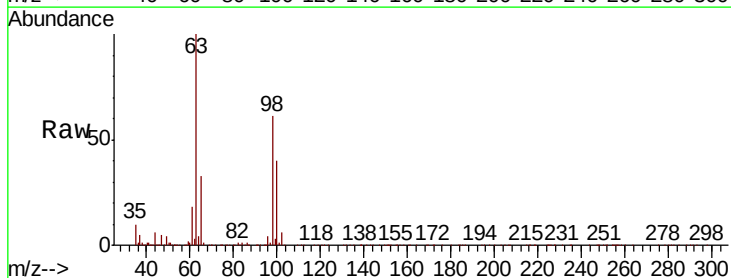
Tgt Ion: 96 Resp: 8387

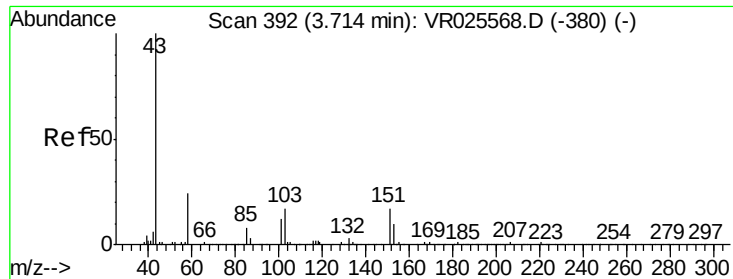
Ion Ratio Lower Upper

96 100

61 415.5 124.3 230.8#

63 2261.5 108.1 200.7#

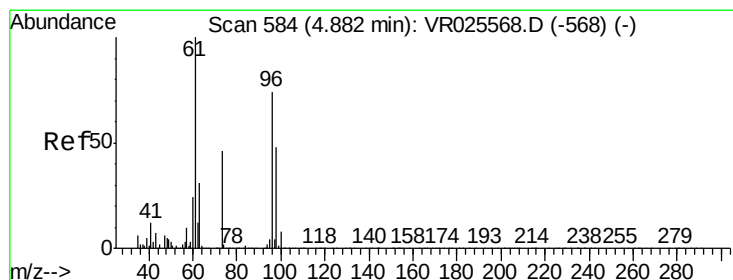
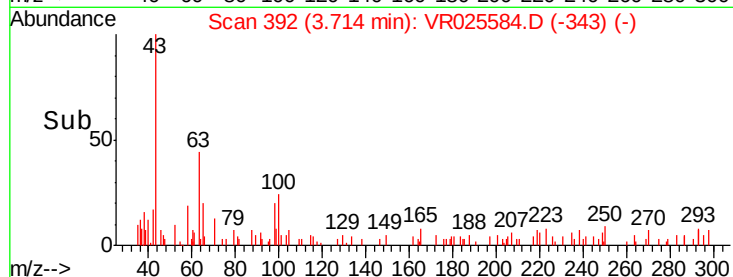
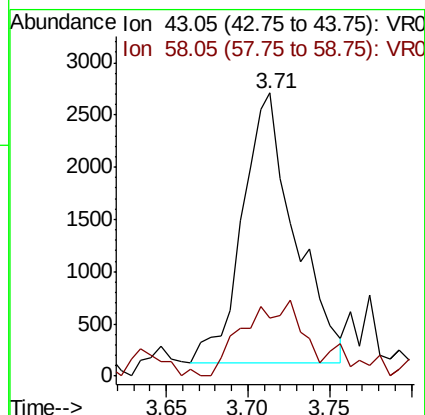
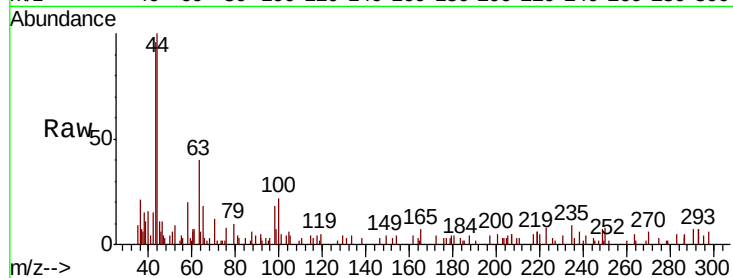




#13
Acetone
Concen: 2.745 ug/L
RT: 3.71 min Scan# 392
Delta R.T. -0.00 min
Lab File: VR025584.D
Acq: 7 Aug 2018 19:23

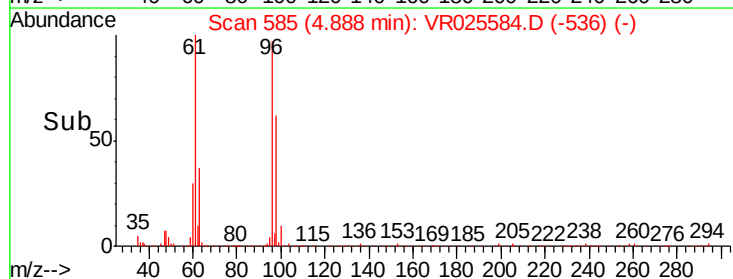
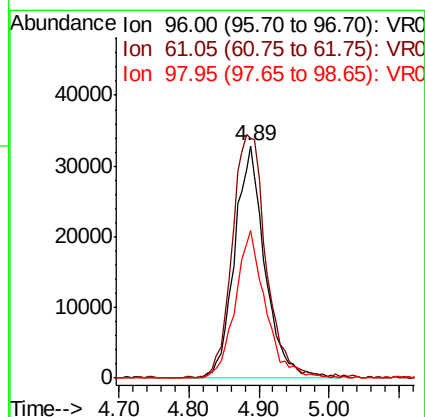
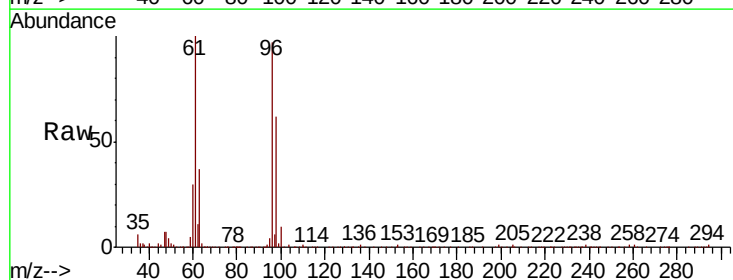
Instrument :
MSVOA_R
ClientSampleId :
ESWY2

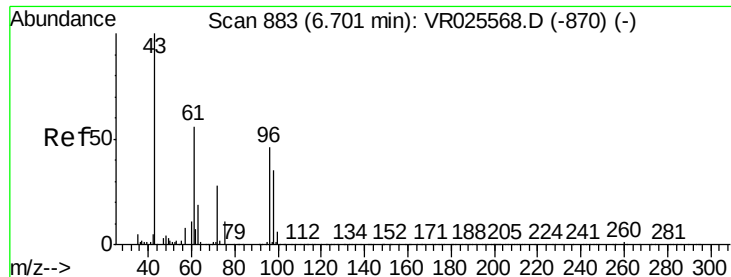
Tgt Ion: 43 Resp: 5806
Ion Ratio Lower Upper
43 100
58 31.0 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 2.937 ug/L
RT: 4.89 min Scan# 585
Delta R.T. -0.00 min
Lab File: VR025584.D
Acq: 7 Aug 2018 19:23

Tgt Ion: 96 Resp: 98721
Ion Ratio Lower Upper
96 100
61 102.8 85.5 158.9
98 63.5 42.1 78.1





#21

2-Butanone

Concen: 0.975 ug/L

RT: 6.69 min Scan# 882

Delta R.T. -0.00 min

Lab File: VR025584.D

Acq: 7 Aug 2018 19:23

Instrument :

MSVOA_R

ClientSampleId :

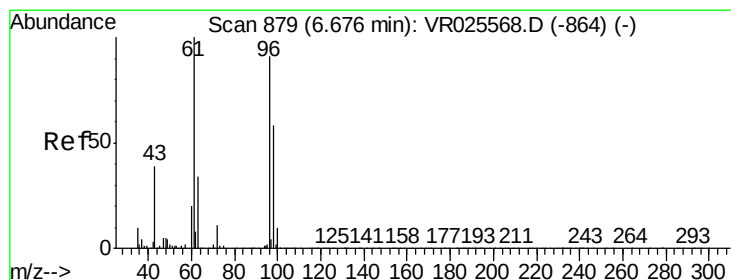
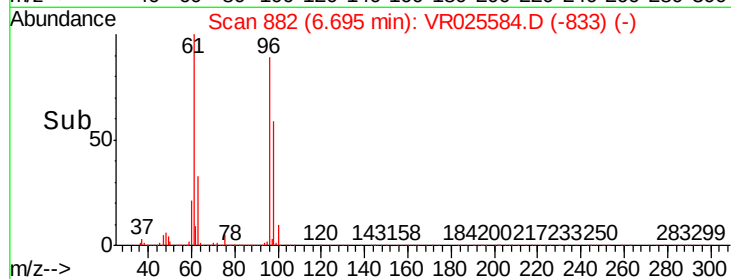
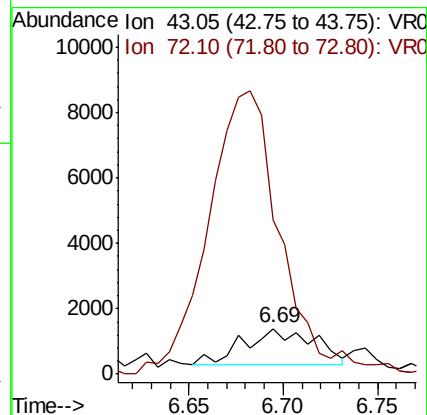
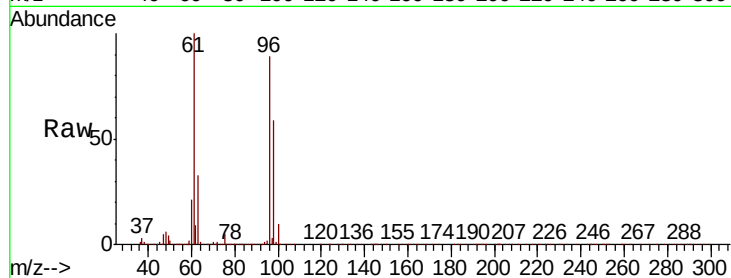
ESWY2

Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

43 100

72 804.5 13.2 39.6#



#22

cis-1,2-Dichloroethene

Concen: 100.258 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025584.D

Acq: 7 Aug 2018 19:23

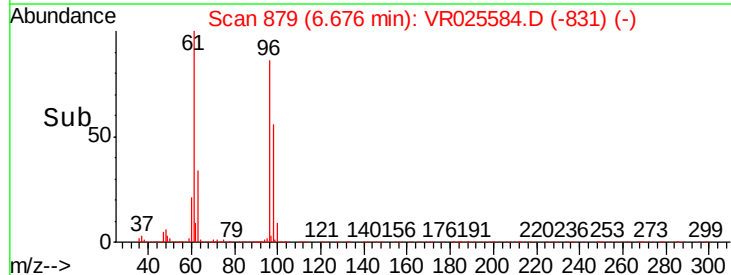
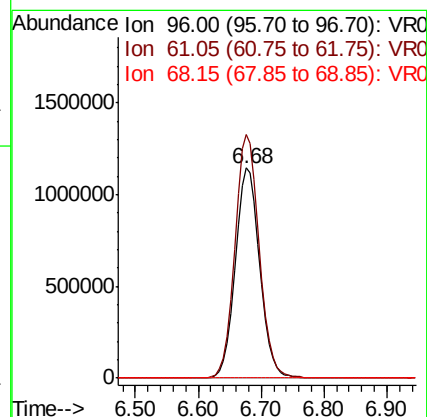
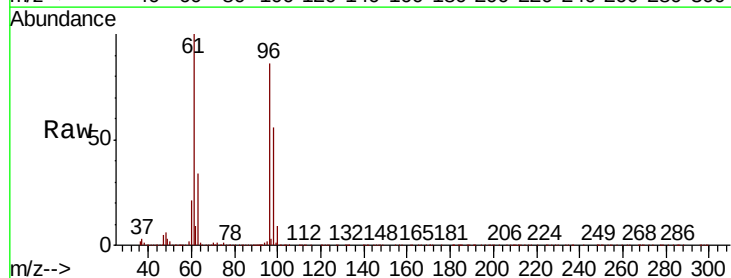
Tgt Ion: 96 Resp: 3077582

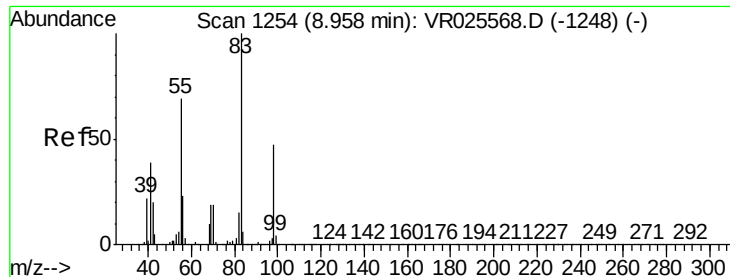
Ion Ratio Lower Upper

96 100

61 115.9 77.7 144.3

68 0.0 0.0 0.0

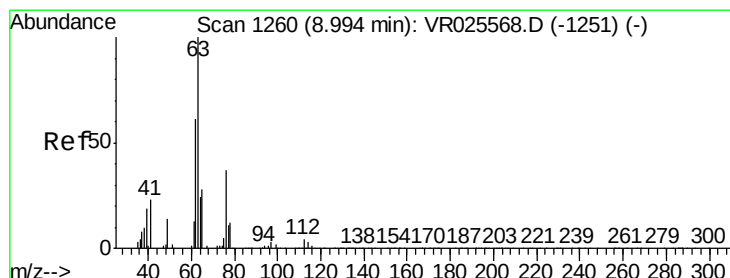
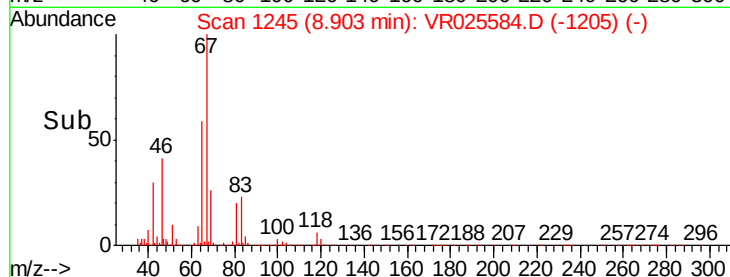
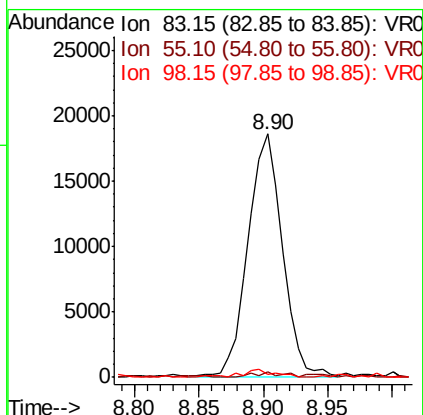
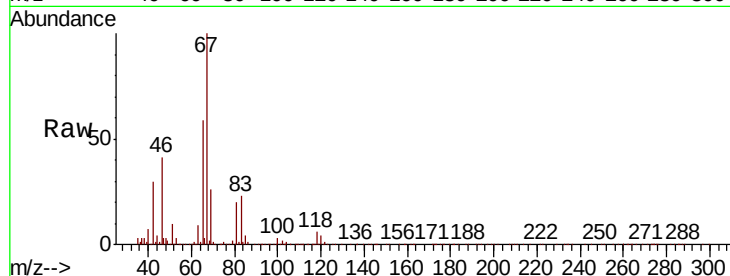




#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025584.D
Acq: 7 Aug 2018 19:23

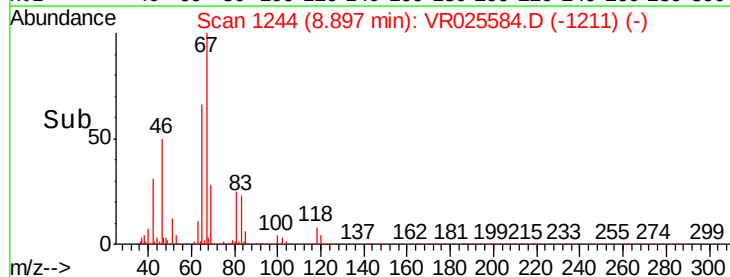
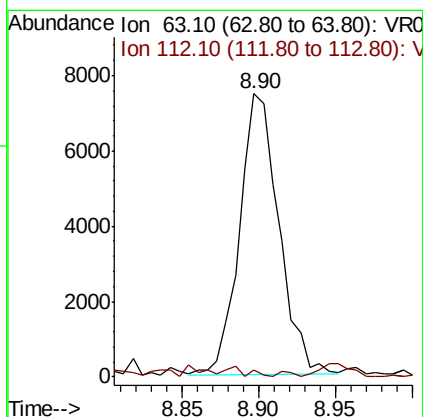
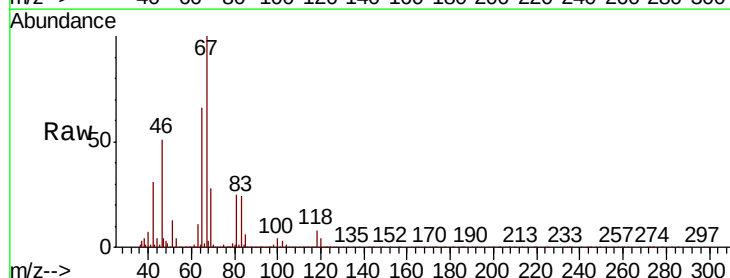
Instrument :
MSVOA_R
ClientSampleId :
ESWY2

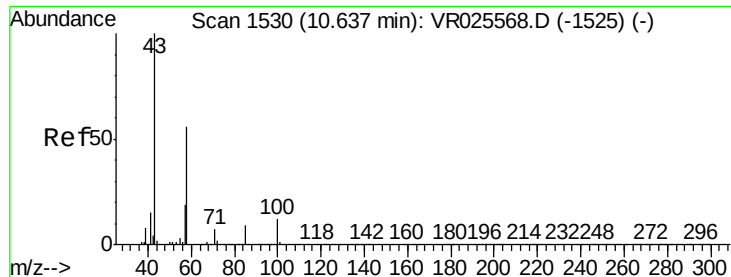
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	58.3	87.5#
98	2.8	37.8	56.6#



#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025584.D
Acq: 7 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.9	3.3	4.9#





#48

2-Hexanone

Concen: 3.597 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025584.D

Acq: 7 Aug 2018 19:23

Instrument :

MSVOA_R

ClientSampleId :

ESWY2

Tgt Ion: 43 Resp: 18964

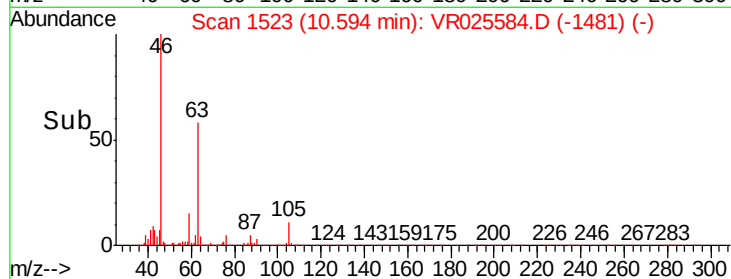
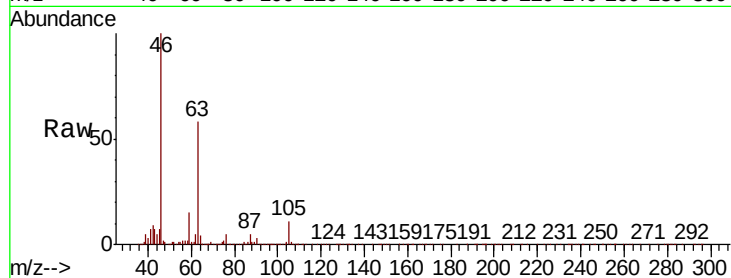
Ion Ratio Lower Upper

43 100

58 31.8 45.0 67.6#

57 37.1 15.8 23.6#

100 4.6 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

