

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025579.D
 Acq On : 7 Aug 2018 16:38
 Operator : SY/MD
 Sample : J4358-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX4

Quant Time: Aug 08 02:01:53 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	466687	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	406747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	107557	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	2.62	69	104408	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	3.63	63	210956	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	6.60	46	143179	59.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.80%
24) Chloroform-d	7.21	84	238713	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	7.90	65	86530	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	509263	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.90	67	144047	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	463004	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	10.24	79	30763	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	140651	60.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71797	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	131706	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#

Target Compounds

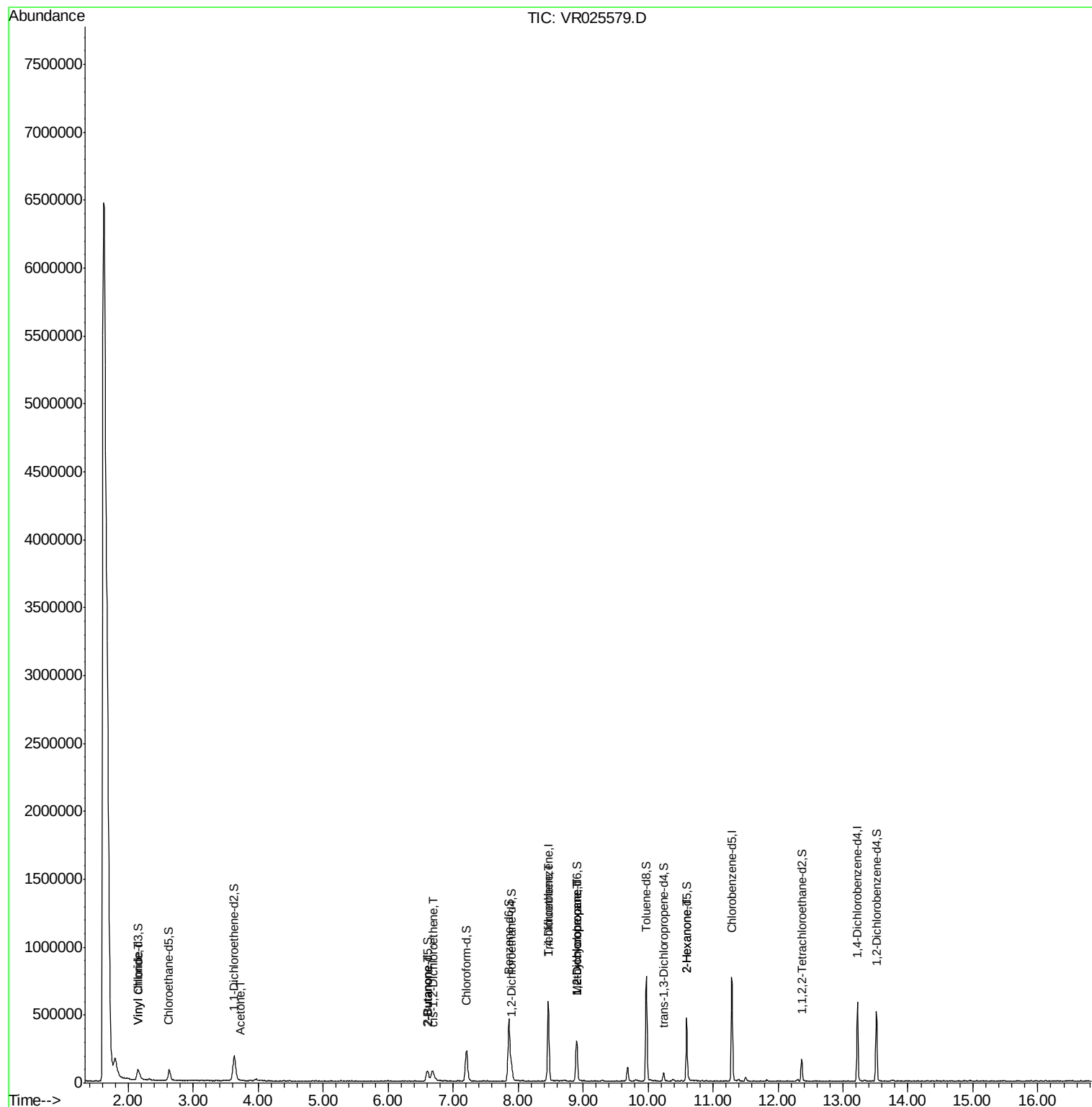
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	2.16	62	40324	1.144	ug/L	97
13) Acetone	3.73	43	7386	3.676	ug/L	96
21) 2-Butanone	6.62	43	719	0.258	ug/L	88
22) cis-1,2-Dichloroethene	6.68	96	42976	1.474	ug/L #	96
34) Trichloroethene	8.46	95	13097	0.419	ug/L #	5
35) Methylcyclohexane	8.90	83	33028	0.703	ug/L #	22
37) 1,2-Dichloropropane	8.90	63	13724	0.519	ug/L #	94
48) 2-Hexanone	10.59	43	17653	3.512	ug/L #	70

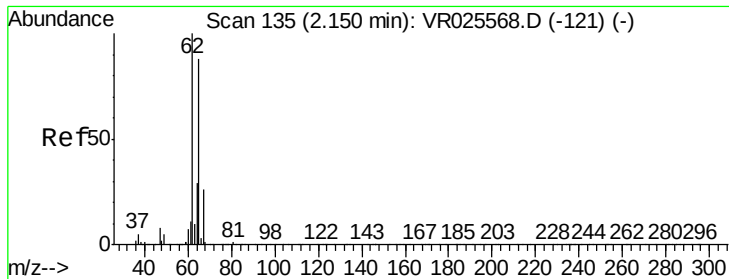
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.144 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

Lab File: VR025579.D

Acq: 7 Aug 2018 16:38

Instrument :

MSVOA_R

ClientSampleId :

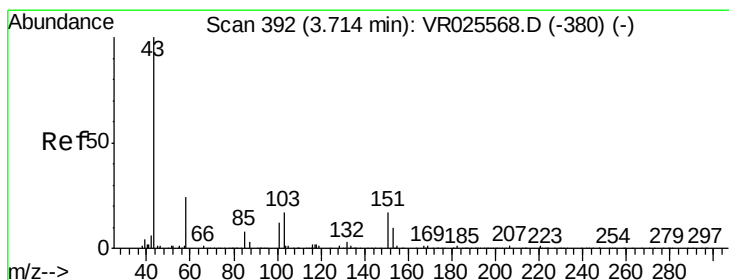
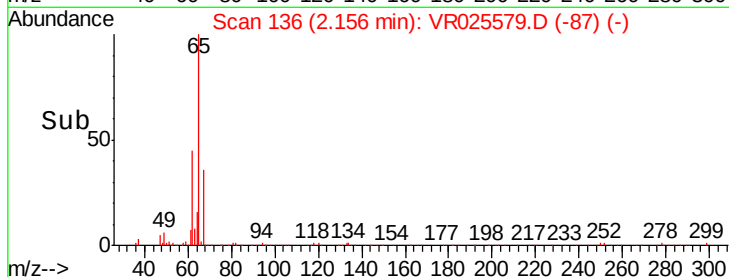
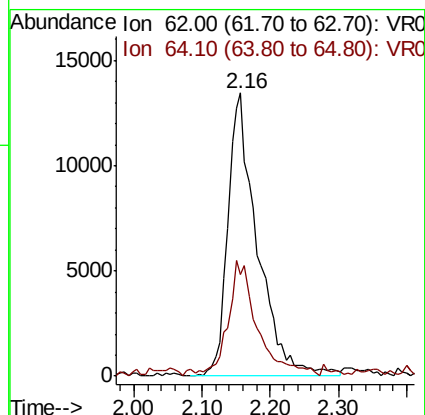
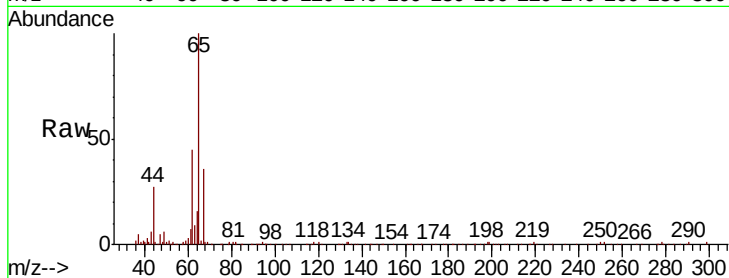
ESWX4

Tgt Ion: 62 Resp: 40324

Ion Ratio Lower Upper

62 100

64 36.1 24.1 44.8



#13

Acetone

Concen: 3.676 ug/L

RT: 3.73 min Scan# 394

Delta R.T. 0.01 min

Lab File: VR025579.D

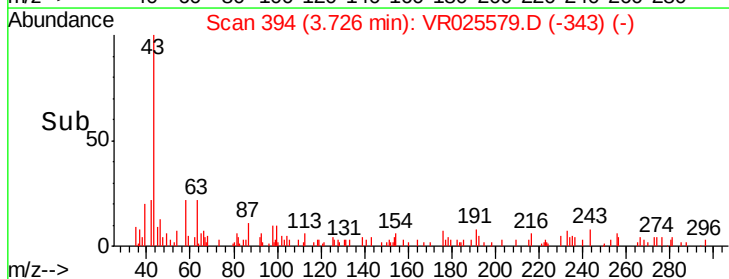
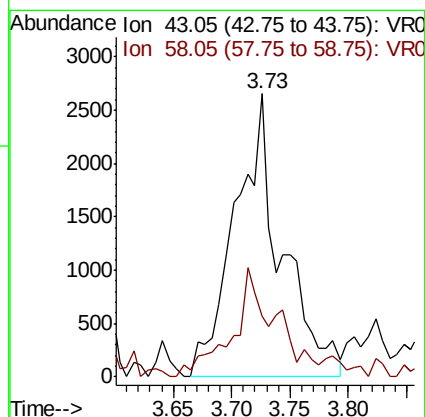
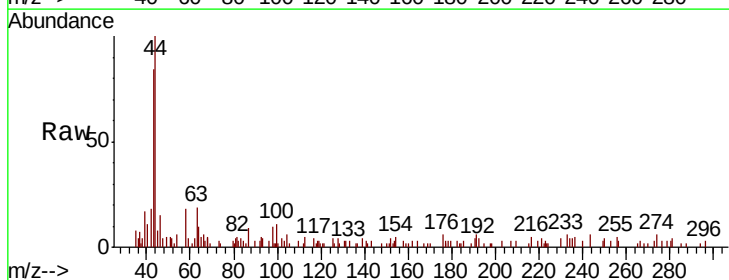
Acq: 7 Aug 2018 16:38

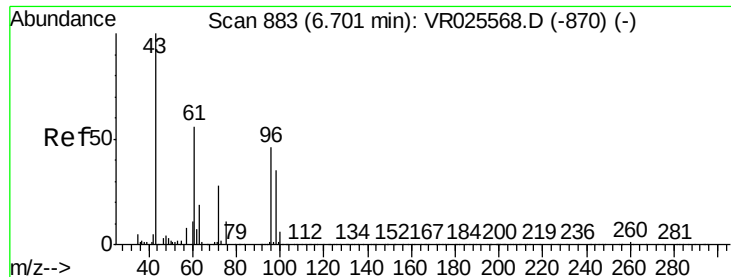
Tgt Ion: 43 Resp: 7386

Ion Ratio Lower Upper

43 100

58 24.8 0.0 53.4





#21

2-Butanone

Concen: 0.258 ug/L

RT: 6.62 min Scan# 869

Delta R.T. -0.08 min

Lab File: VR025579.D

Acq: 7 Aug 2018 16:38

Instrument :

MSVOA_R

ClientSampled :

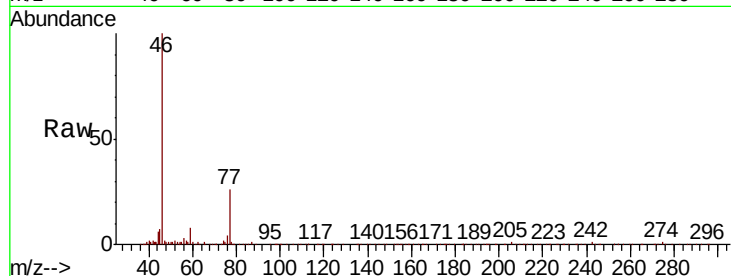
ESWX4

Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

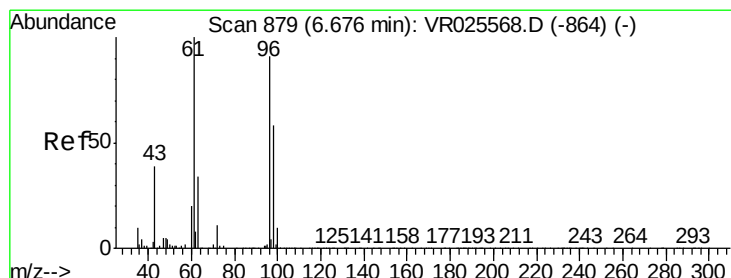
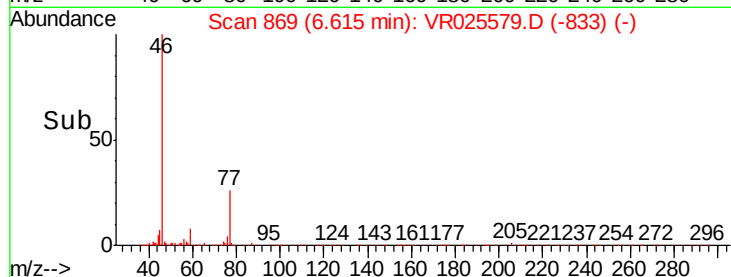
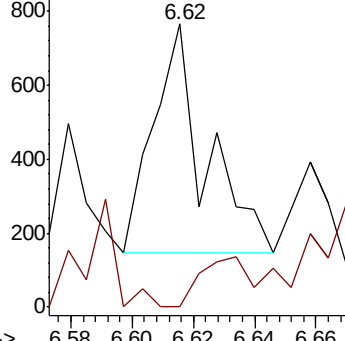
43 100

72 20.4 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: 1.474 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.00 min

Lab File: VR025579.D

Acq: 7 Aug 2018 16:38

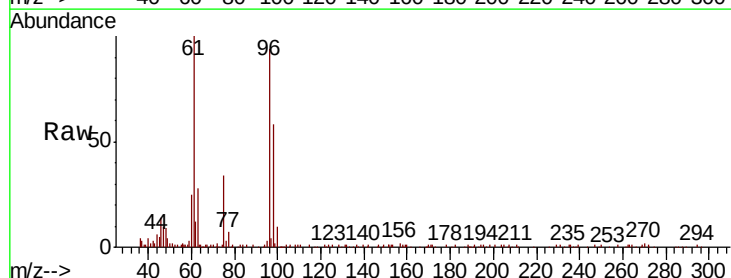
Tgt Ion: 96 Resp: 42976

Ion Ratio Lower Upper

96 100

61 106.6 77.7 144.3

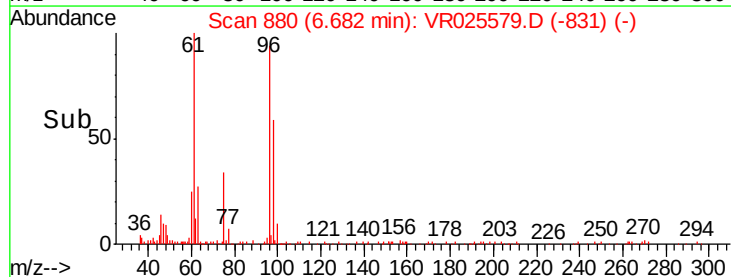
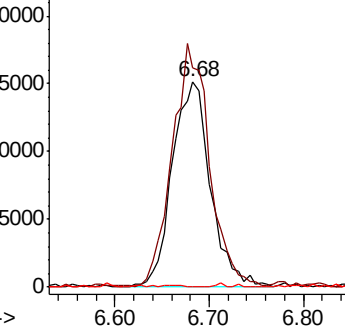
68 0.5 0.0 0.0#

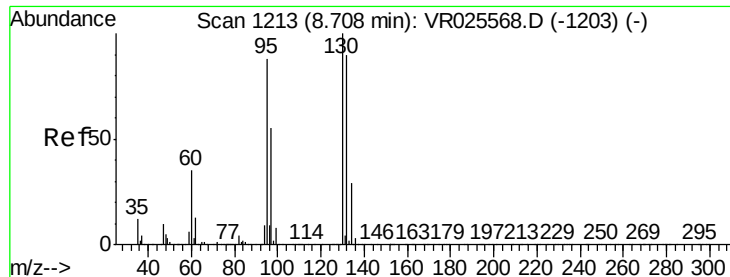


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 0.419 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.25 min

Lab File: VR025579.D

Acq: 7 Aug 2018 16:38

Instrument :

MSVOA_R

ClientSampled :

ESWX4

Tgt Ion: 95 Resp: 13097

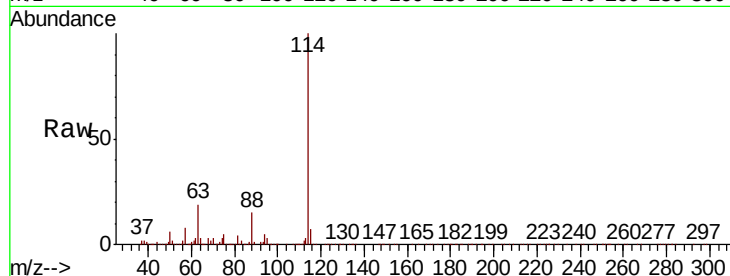
Ion Ratio Lower Upper

95 100

97 3.0 46.7 86.7#

132 0.0 71.7 133.1#

130 1.8 71.3 132.3#

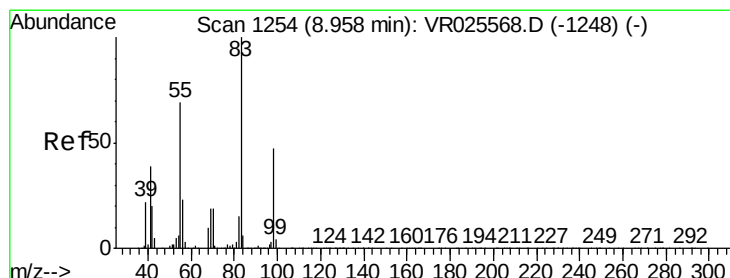
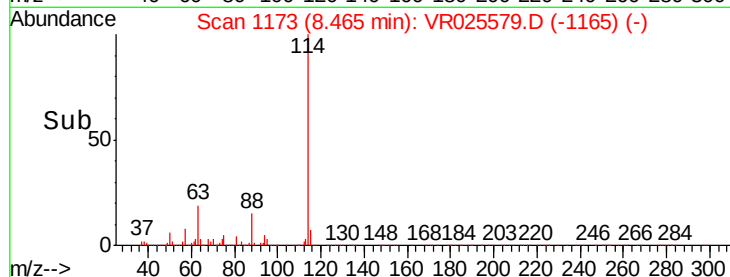
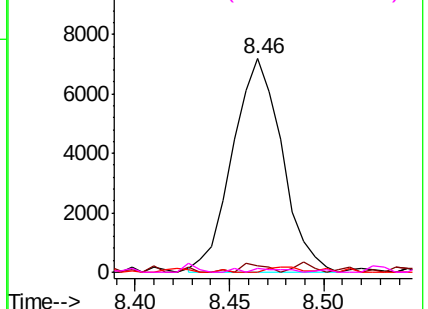


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025579.D

Acq: 7 Aug 2018 16:38

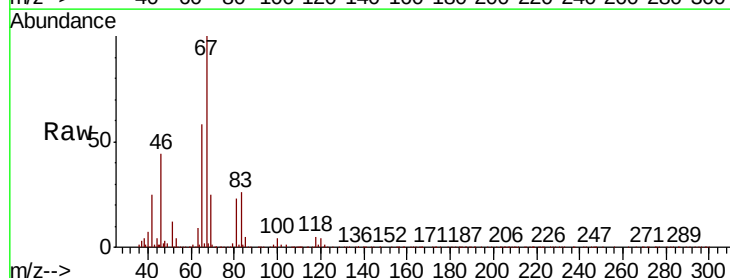
Tgt Ion: 83 Resp: 33028

Ion Ratio Lower Upper

83 100

55 1.0 58.3 87.5#

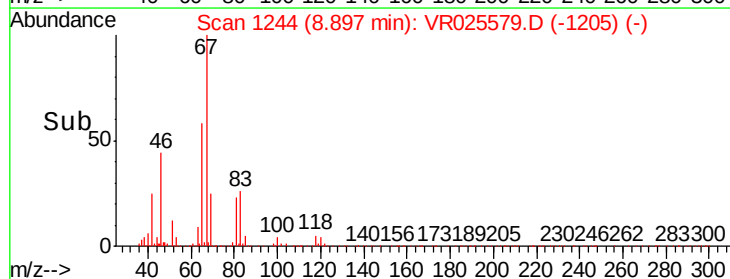
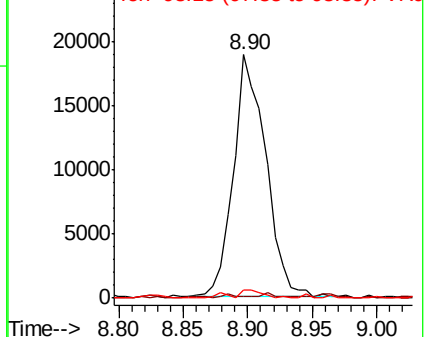
98 2.4 37.8 56.6#

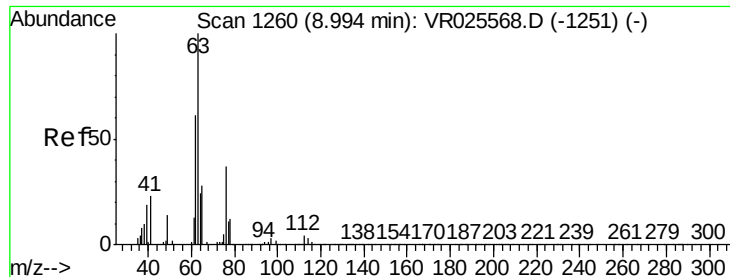


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

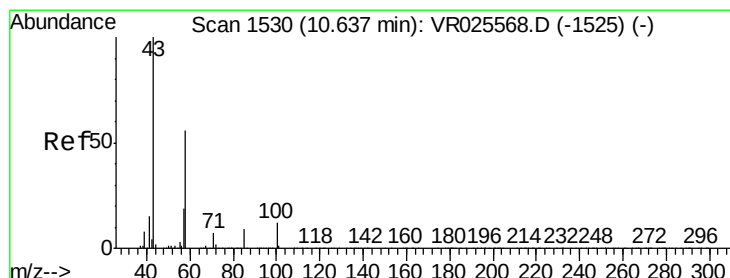
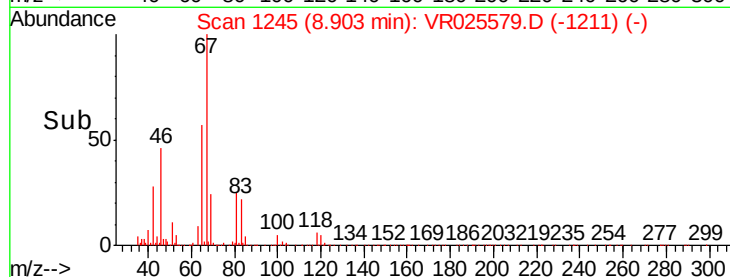
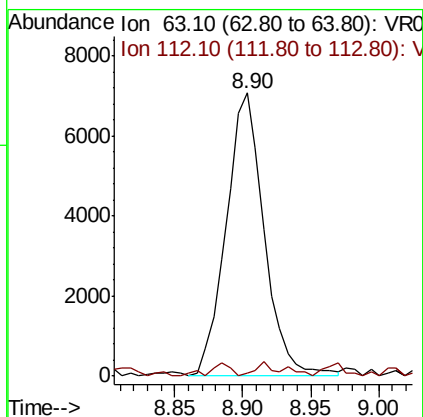
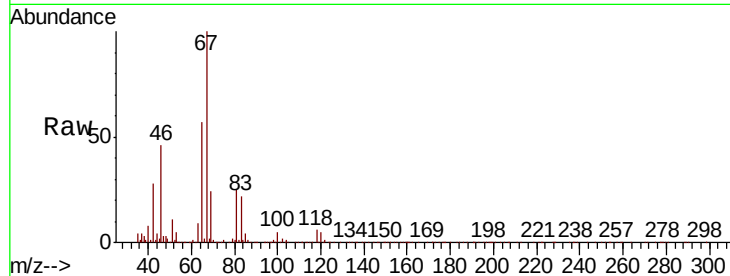




#37
 1,2-Dichloropropane
 Concen: 0.519 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025579.D
 Acq: 7 Aug 2018 16:38

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX4

Tgt Ion: 63 Resp: 13724
 Ion Ratio Lower Upper
 63 100
 112 2.2 3.3 4.9#



#48
 2-Hexanone
 Concen: 3.512 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025579.D
 Acq: 7 Aug 2018 16:38

Tgt Ion: 43 Resp: 17653
 Ion Ratio Lower Upper
 43 100
 58 30.8 45.0 67.6#
 57 31.5 15.8 23.6#
 100 6.7 9.3 13.9#

