

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025576.D
 Acq On : 7 Aug 2018 14:58
 Operator : SY/MD
 Sample : J4358-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX1

Quant Time: Aug 08 02:01:35 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	441634	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	398923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	120055	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.63	69	113742	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	3.63	63	218673	3.46	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	6.60	46	115191	50.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	7.21	84	228038	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	7.90	65	77256	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.86	84	497451	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.90	67	140563	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.97	98	455175	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	10.24	79	30429	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	141801	61.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73149	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	142085	6.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.00%#

Target Compounds

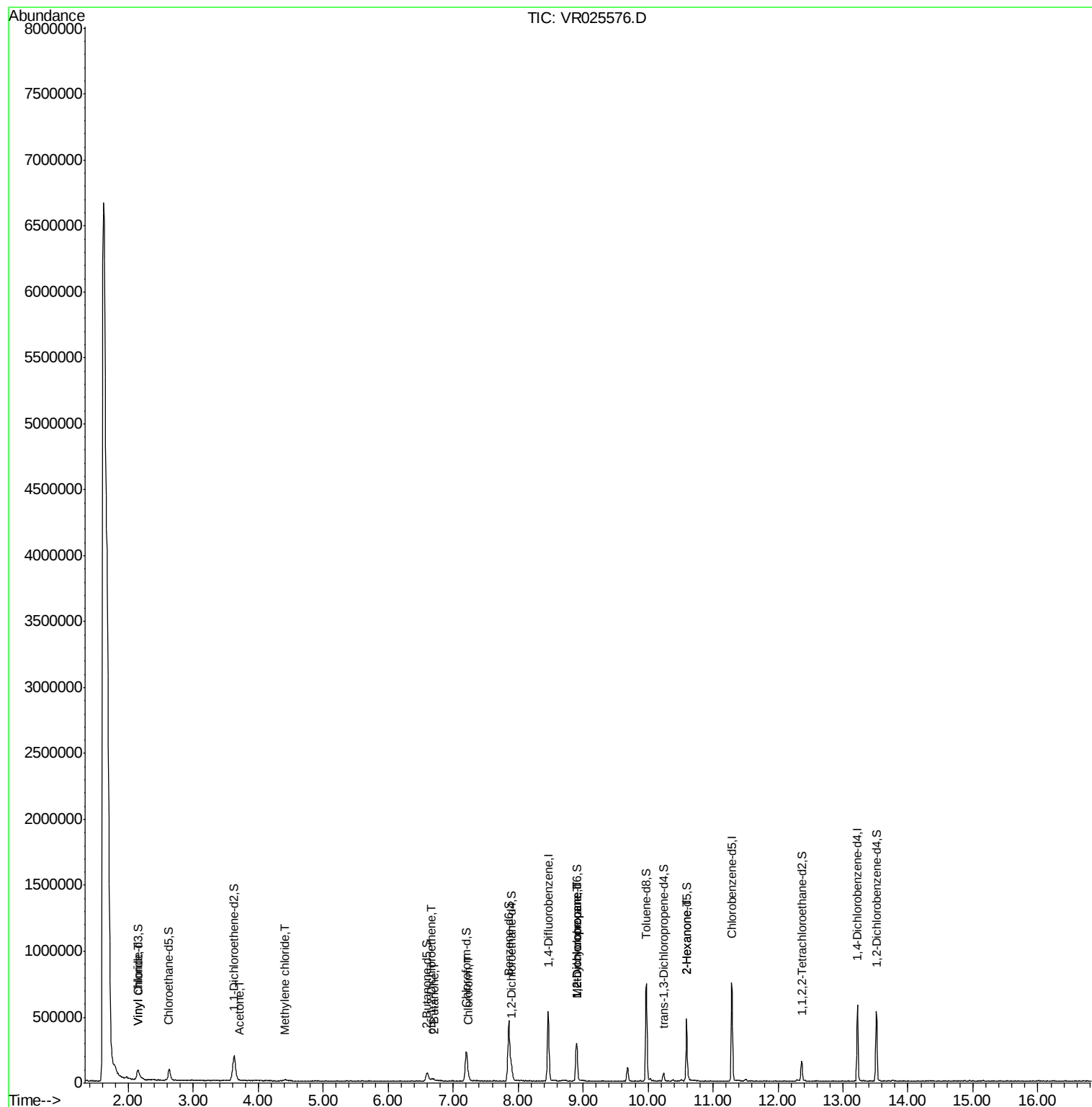
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	2.16	62	15709	0.471	ug/L #	67
13) Acetone	3.71	43	625	0.329	ug/L	83
16) Methylene chloride	4.41	84	5666	0.213	ug/L	93
21) 2-Butanone	6.70	43	930	0.352	ug/L	77
22) cis-1,2-Dichloroethene	6.67	96	9380	0.340	ug/L #	84
25) Chloroform	7.24	83	21023	0.480	ug/L	88
35) Methylcyclohexane	8.90	83	34106	0.740	ug/L #	22
37) 1,2-Dichloropropane	8.90	63	13945	0.538	ug/L #	97
48) 2-Hexanone	10.59	43	17659	3.582	ug/L #	70

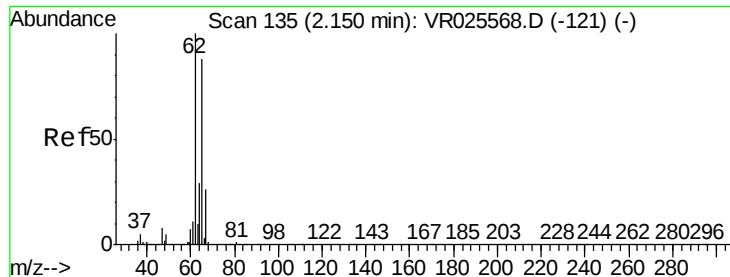
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.471 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

Lab File: VR025576.D

Acq: 7 Aug 2018 14:58

Instrument :

MSVOA_R

ClientSampleId :

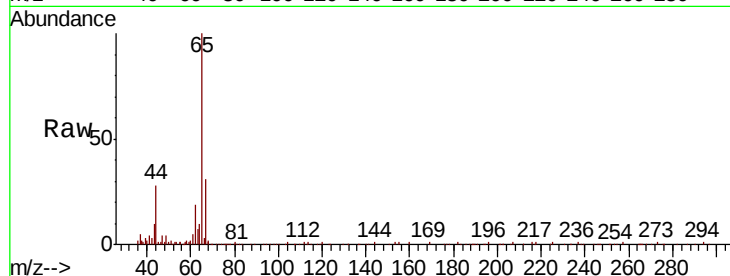
ESWX1

Tgt Ion: 62 Resp: 15709

Ion Ratio Lower Upper

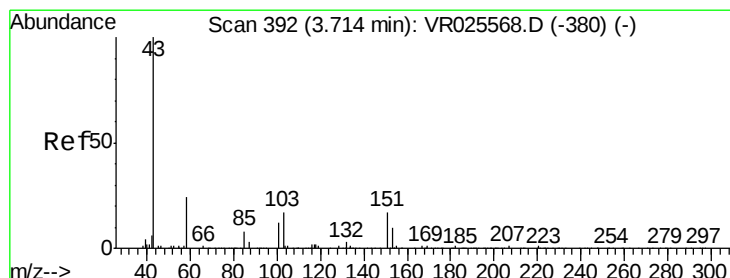
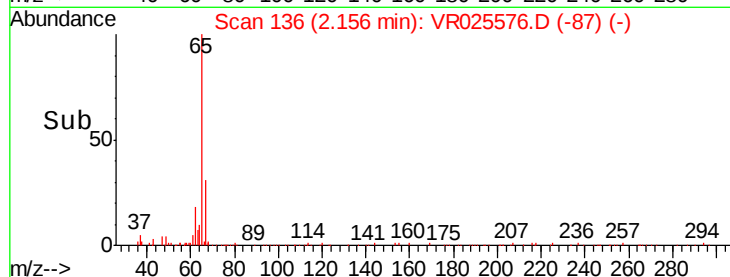
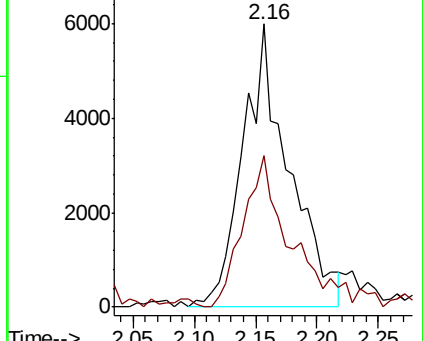
62 100

64 53.4 24.1 44.8#



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#13

Acetone

Concen: 0.329 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.01 min

Lab File: VR025576.D

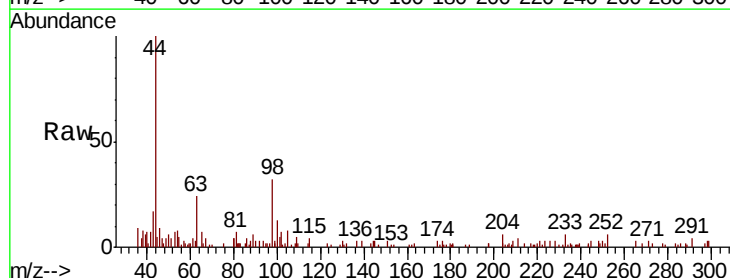
Acq: 7 Aug 2018 14:58

Tgt Ion: 43 Resp: 625

Ion Ratio Lower Upper

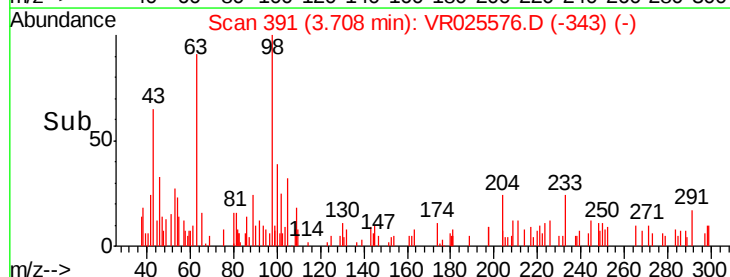
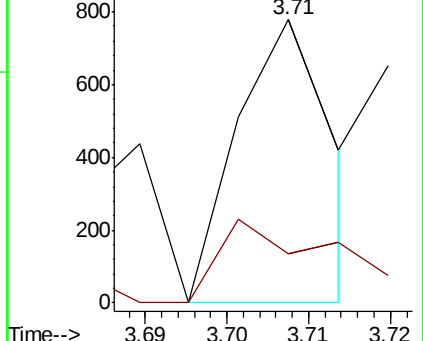
43 100

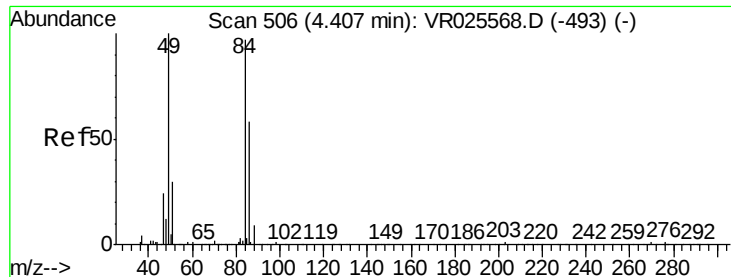
58 35.5 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

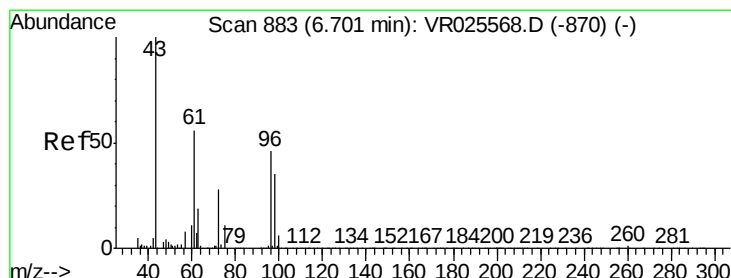
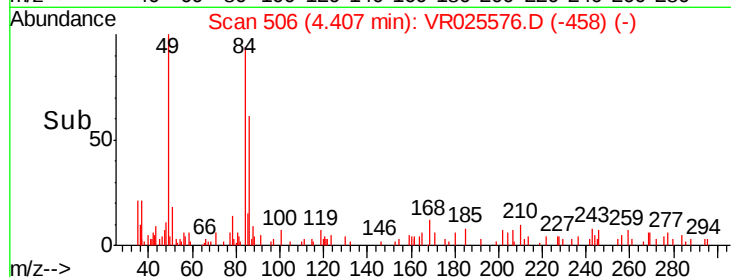
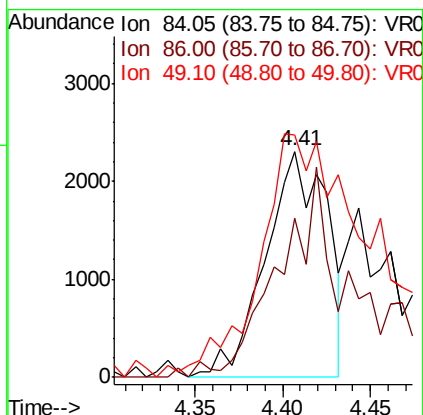
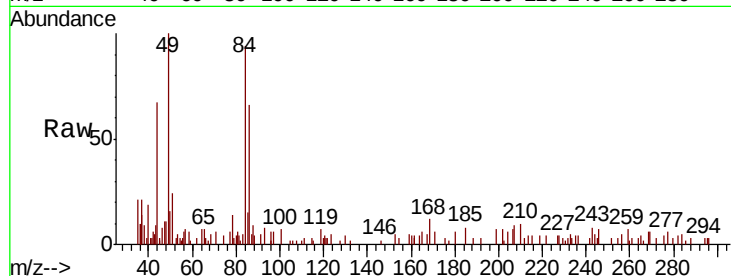




#16
Methylene chloride
Concen: 0.213 ug/L
RT: 4.41 min Scan# 506
Delta R.T. -0.01 min
Lab File: VR025576.D
Acq: 7 Aug 2018 14:58

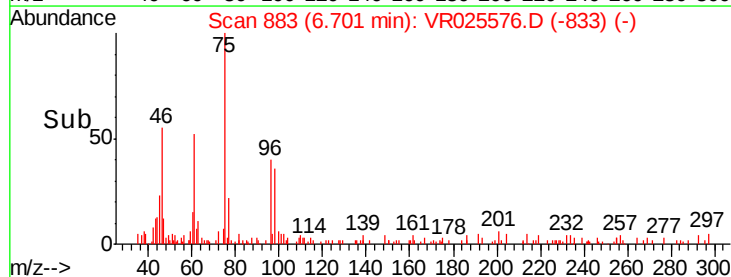
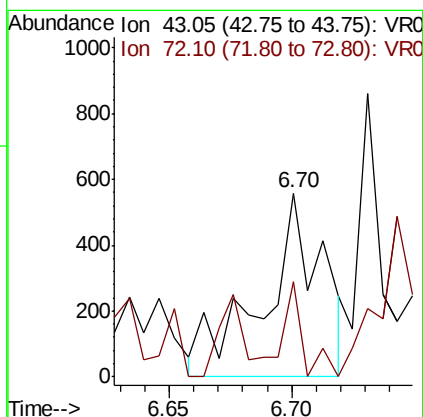
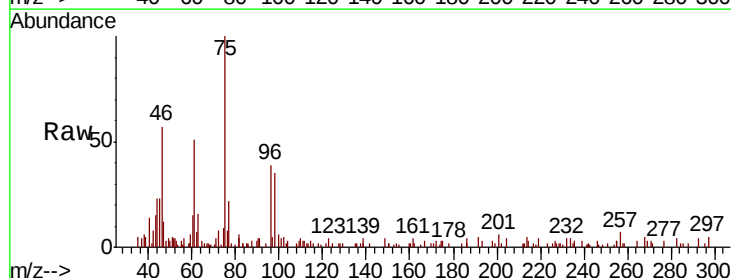
Instrument :
MSVOA_R
ClientSampleId :
ESWX1

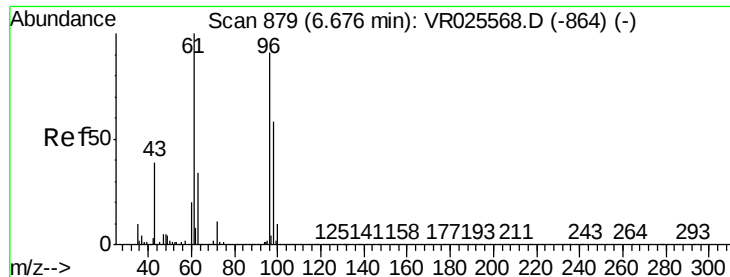
Tgt Ion: 84 Resp: 5666
Ion Ratio Lower Upper
84 100
86 70.4 40.4 75.0
49 106.8 76.2 141.4



#21
2-Butanone
Concen: 0.352 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025576.D
Acq: 7 Aug 2018 14:58

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
72 14.7 13.2 39.6



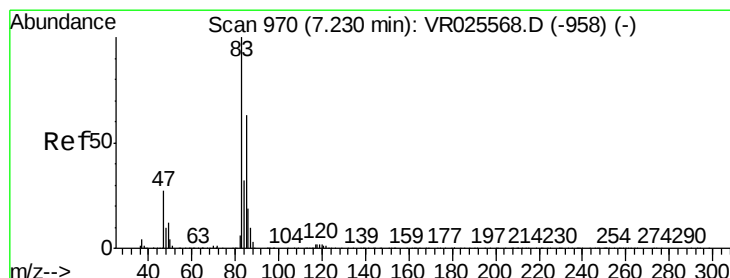
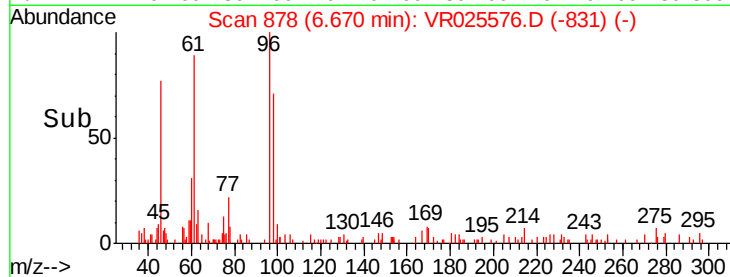
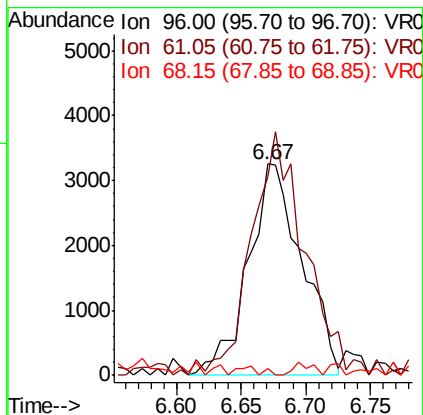
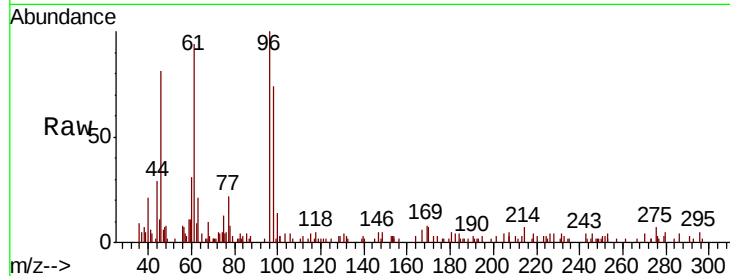


#22

cis-1,2-Dichloroethene
 Concen: 0.340 ug/L
 RT: 6.67 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VR025576.D
 Acq: 7 Aug 2018 14:58

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX1

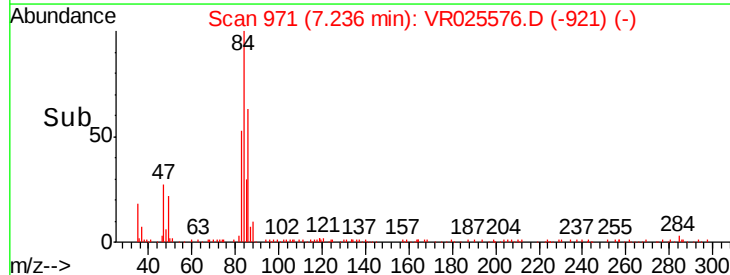
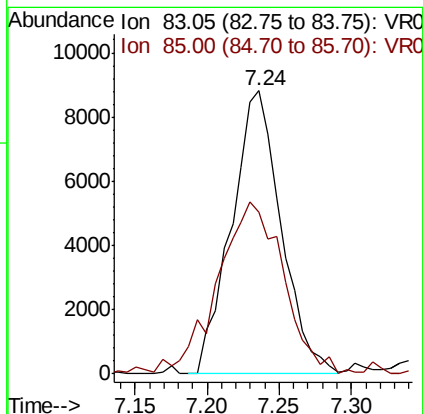
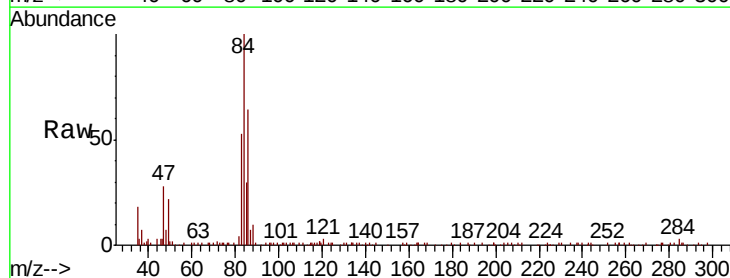
Tgt Ion: 96 Resp: 9380
 Ion Ratio Lower Upper
 96 100
 61 94.1 77.7 144.3
 68 3.4 0.0 0.0#

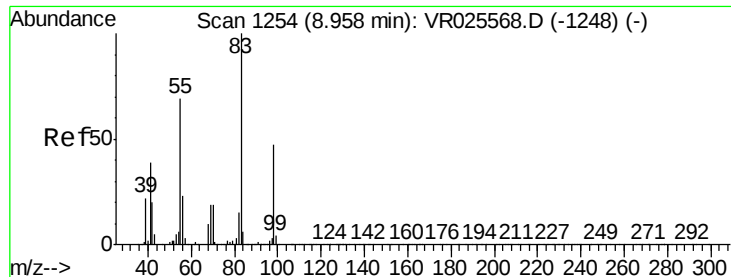


#25

Chloroform
 Concen: 0.480 ug/L
 RT: 7.24 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: VR025576.D
 Acq: 7 Aug 2018 14:58

Tgt Ion: 83 Resp: 21023
 Ion Ratio Lower Upper
 83 100
 85 57.1 46.5 86.3

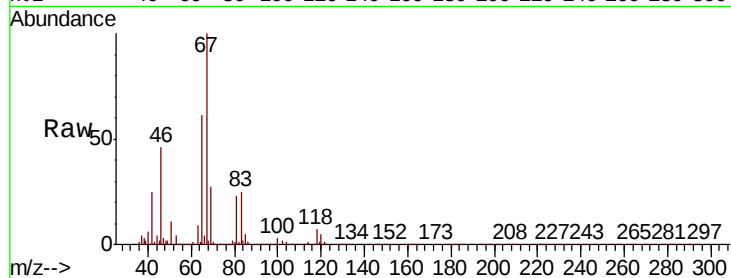




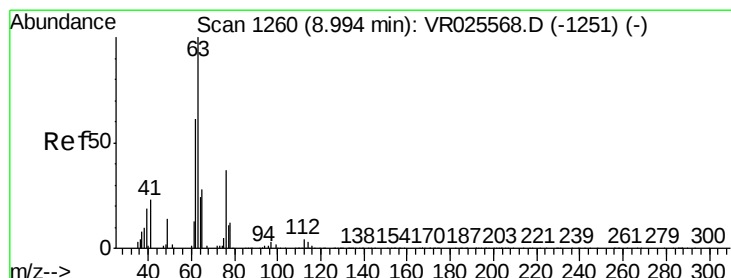
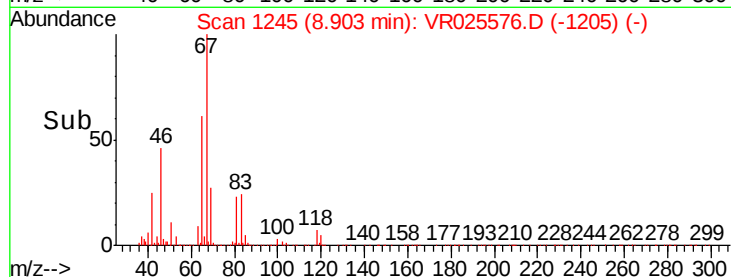
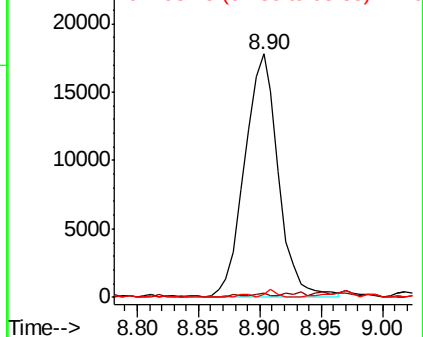
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025576.D
Acq: 7 Aug 2018 14:58

Instrument :
MSVOA_R
ClientSampleId :
ESWX1

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	58.3	87.5#
98	2.0	37.8	56.6#

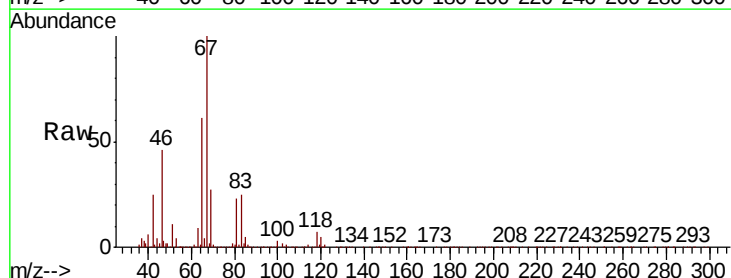


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

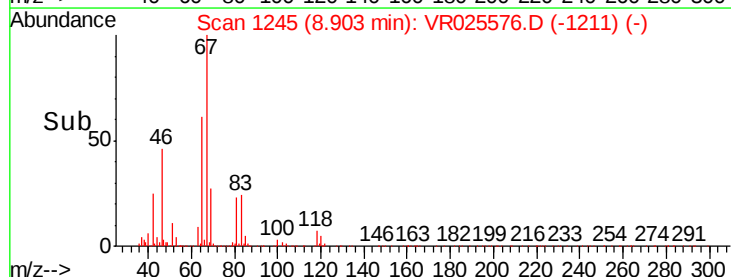
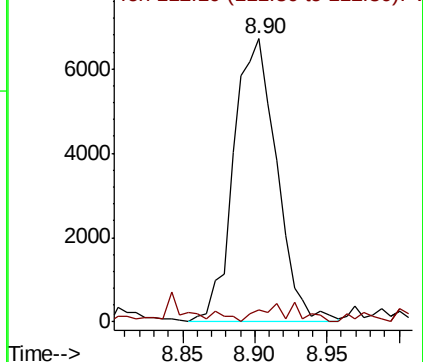


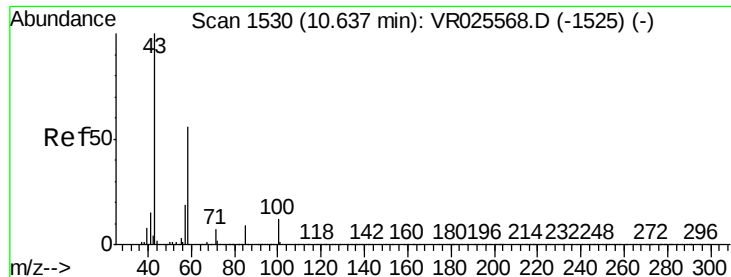
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025576.D
Acq: 7 Aug 2018 14:58

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



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.582 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025576.D

Acq: 7 Aug 2018 14:58

Instrument :

MSVOA_R

ClientSampleId :

ESWX1

Tgt Ion: 43 Resp: 17659

Ion Ratio Lower Upper

43 100

58 34.3 45.0 67.6#

57 35.9 15.8 23.6#

100 3.4 9.3 13.9#

