

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025577.D
 Acq On : 7 Aug 2018 15:31
 Operator : SY/MD
 Sample : J4358-11
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX2

Quant Time: Aug 08 02:01:41 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	538397	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	457076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	173775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	62940	1.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	37.80%#
7) Chloroethane-d5	2.64	69	87634	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	3.64	63	216408	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	6.60	46	138438	50.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	7.21	84	262370	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	92253	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	7.86	84	582979	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.90	67	152868	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	502611	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	10.24	79	34950	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	10.59	63	185801	70.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.28%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85817	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	148125	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

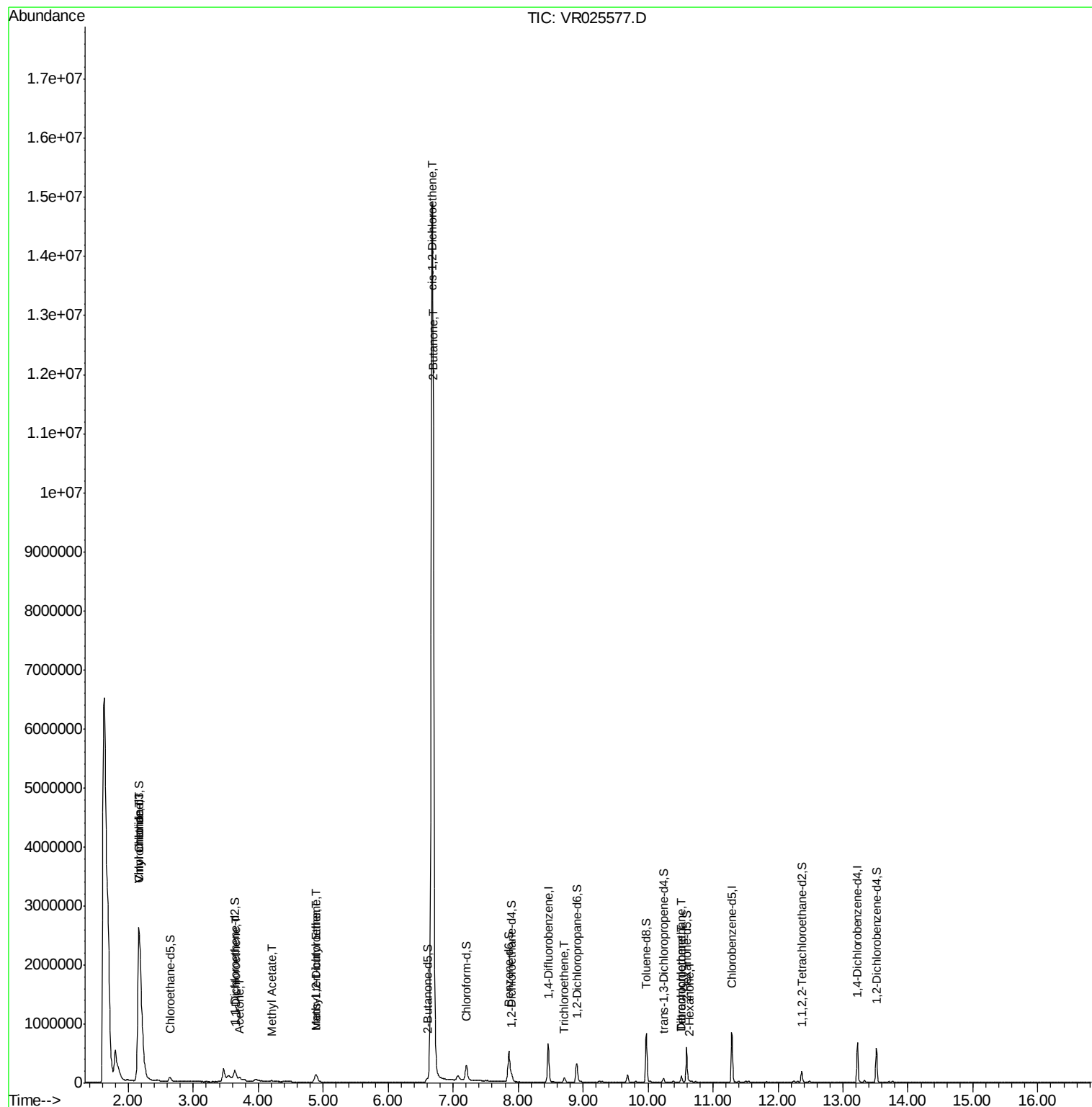
					Qvalue
3) Chloromethane	2.16	50	55660	1.367	ug/L # 45
5) Vinyl chloride	2.17	62	6165346	151.555	ug/L 98
12) 1,1-Dichloroethene	3.66	96	11466	0.298	ug/L # 1
13) Acetone	3.71	43	116867	50.423	ug/L 92
15) Methyl Acetate	4.21	43	27846	3.805	ug/L 98
17) Methyl tert-butyl Ether	4.90	73	10447	0.271	ug/L # 95
18) trans-1,2-Dichloroethene	4.89	96	94001	2.552	ug/L 98
21) 2-Butanone	6.70	43	245901	76.365	ug/L # 21
22) cis-1,2-Dichloroethene	6.68	96	9916692	294.793	ug/L 95
34) Trichloroethene	8.71	95	24665	0.702	ug/L 88
47) Tetrachloroethene	10.52	164	24367	0.811	ug/L 97
48) 2-Hexanone	10.64	43	1722	0.305	ug/L # 26
49) Dibromochloromethane	10.51	129	19449	1.114	ug/L # 11

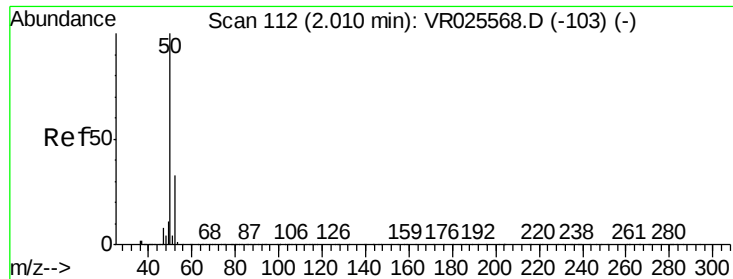
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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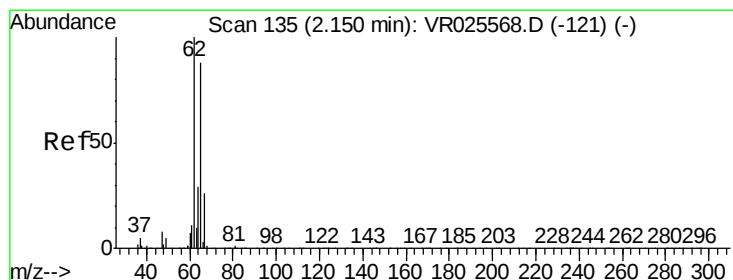
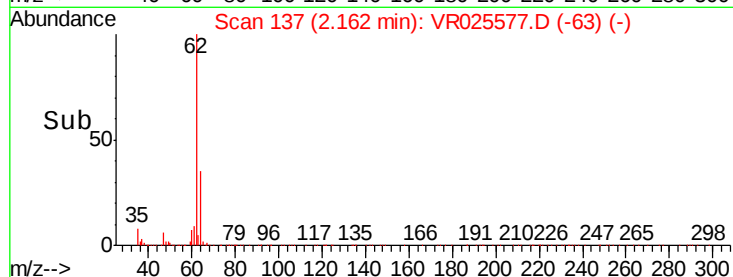
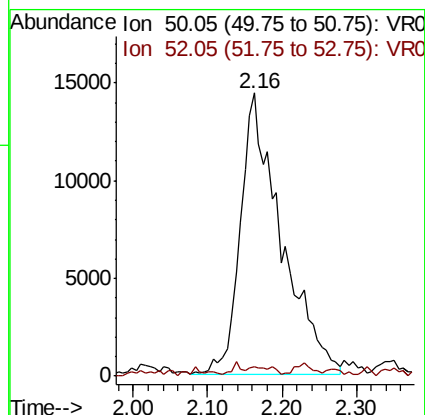
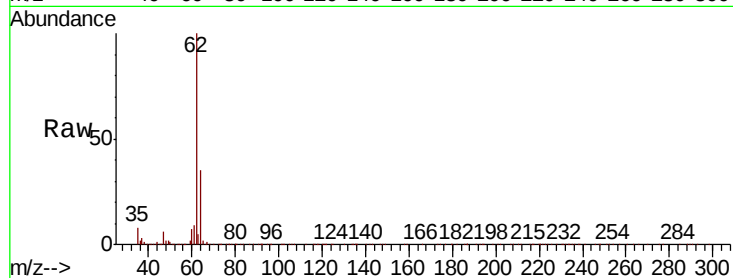




#3
Chloromethane
Concen: 1.367 ug/L
RT: 2.16 min Scan# 137
Delta R.T. 0.15 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

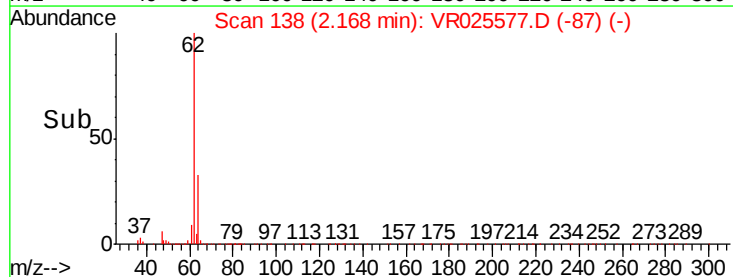
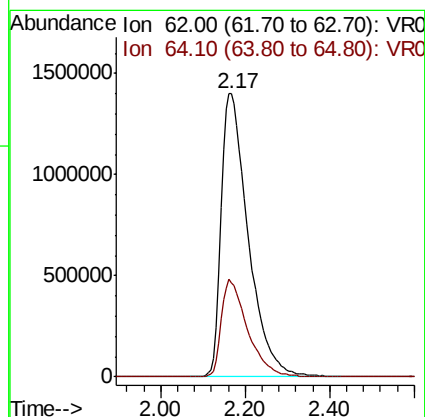
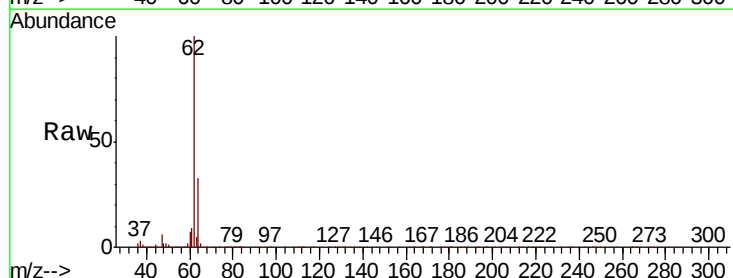
Instrument :
MSVOA_R
ClientSampleId :
ESWX2

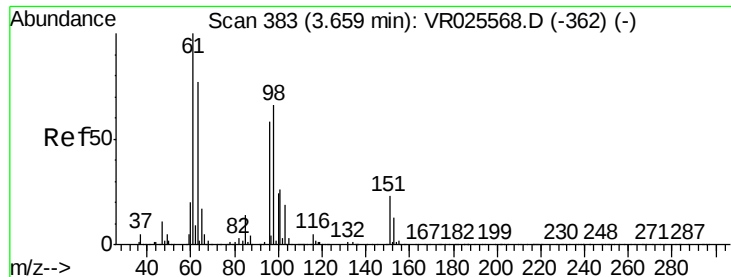
Tgt Ion: 50 Resp: 55660
Ion Ratio Lower Upper
50 100
52 3.3 24.4 45.4#



#5
Vinyl chloride
Concen: 151.555 ug/L
RT: 2.17 min Scan# 138
Delta R.T. 0.01 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Tgt Ion: 62 Resp: 6165346
Ion Ratio Lower Upper
62 100
64 33.3 24.1 44.8





#12

1,1-Dichloroethene

Concen: 0.298 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025577.D

Acq: 7 Aug 2018 15:31

Instrument :

MSVOA_R

ClientSampleId :

ESWX2

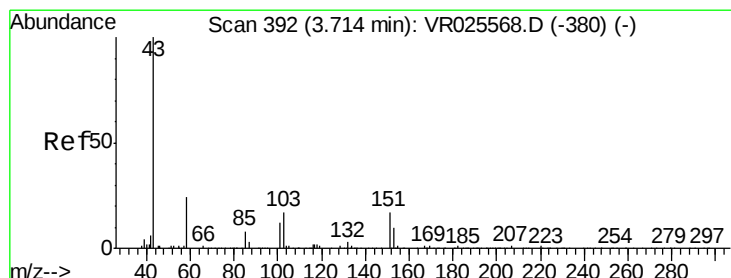
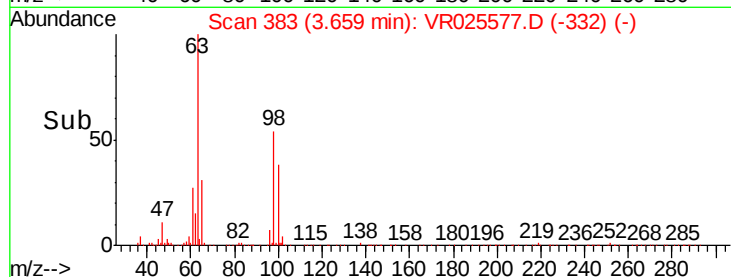
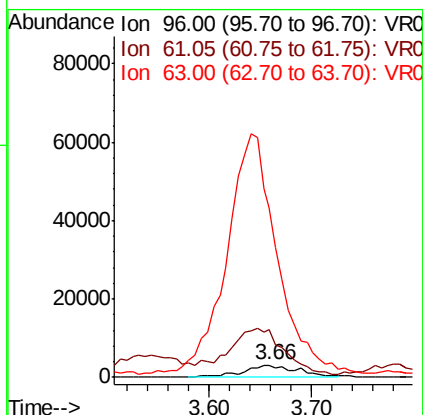
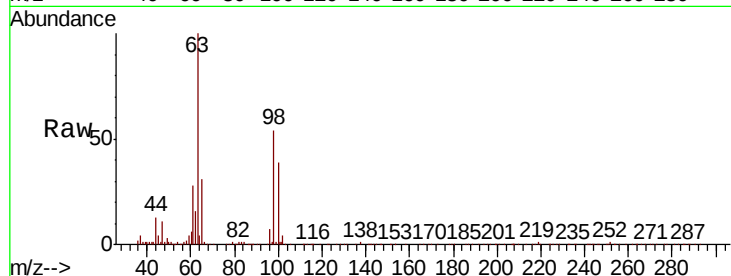
Tgt Ion: 96 Resp: 11466

Ion Ratio Lower Upper

96 100

61 378.8 124.3 230.8#

63 1360.6 108.1 200.7#



#13

Acetone

Concen: 50.423 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.01 min

Lab File: VR025577.D

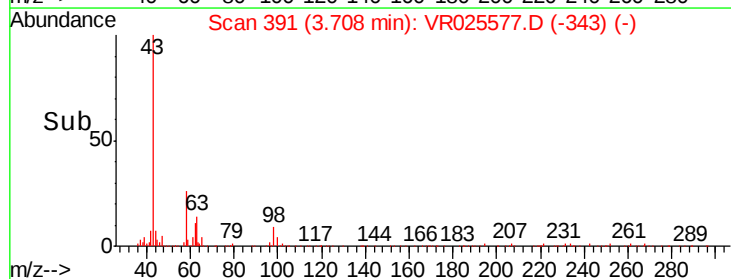
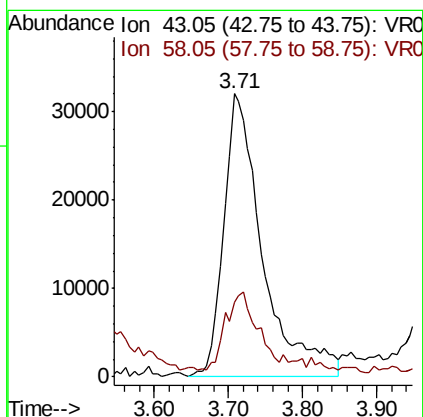
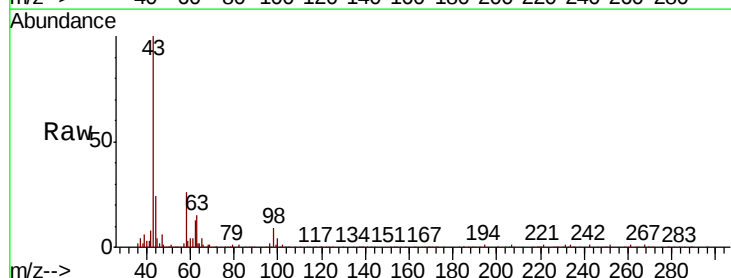
Acq: 7 Aug 2018 15:31

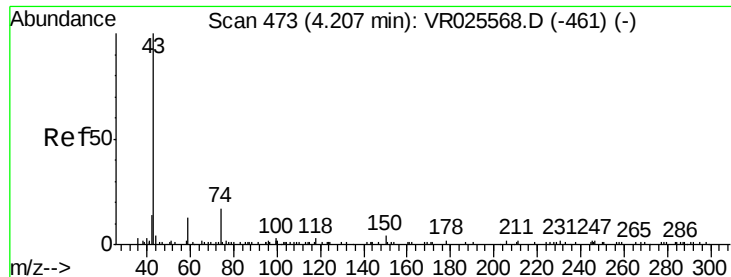
Tgt Ion: 43 Resp: 116867

Ion Ratio Lower Upper

43 100

58 22.5 0.0 53.4

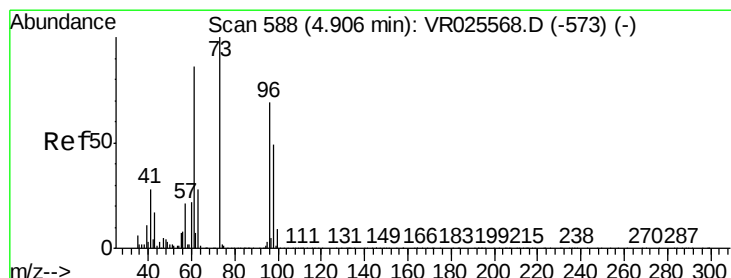
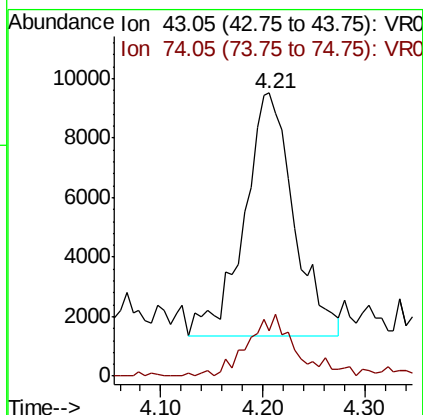
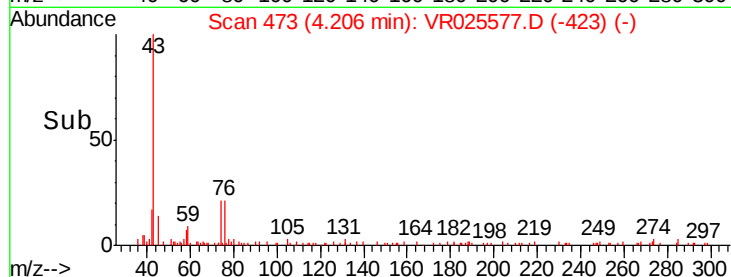
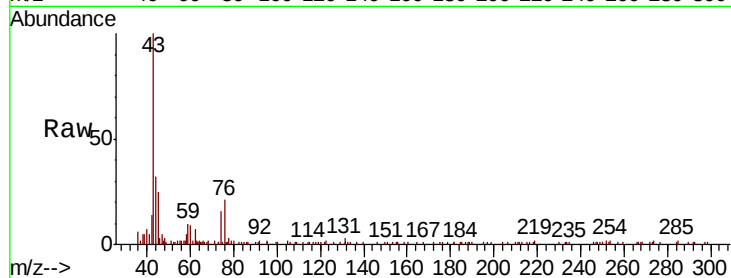




#15
Methyl Acetate
Concen: 3.805 ug/L
RT: 4.21 min Scan# 473
Delta R.T. 0.01 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

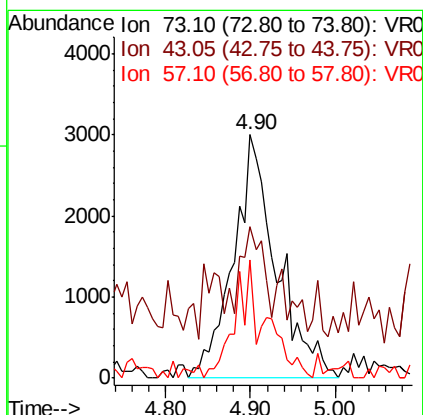
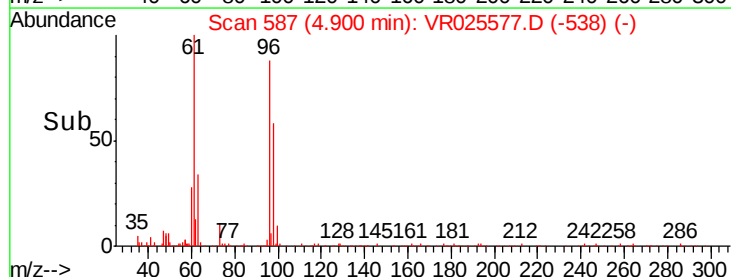
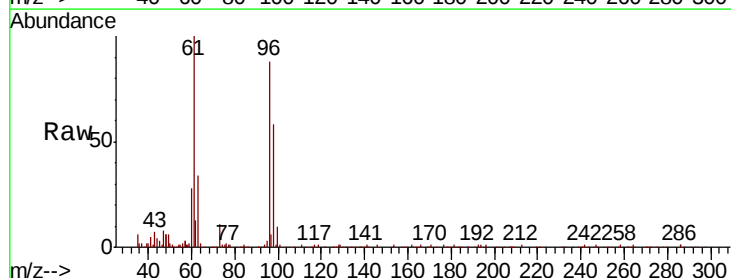
Instrument :
MSVOA_R
ClientSampled :
ESWX2

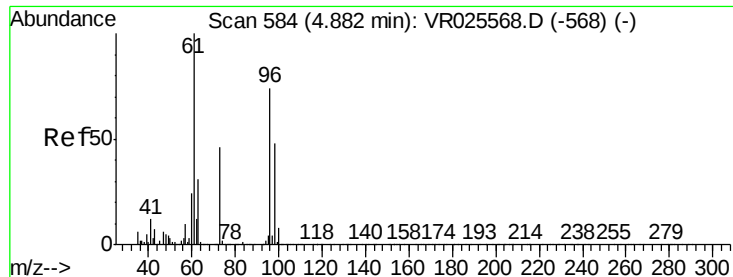
Tgt Ion: 43 Resp: 27846
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.6



#17
Methyl tert-butyl Ether
Concen: 0.271 ug/L
RT: 4.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Tgt Ion: 73 Resp: 10447
Ion Ratio Lower Upper
73 100
43 22.1 14.2 21.4#
57 22.4 17.6 26.4

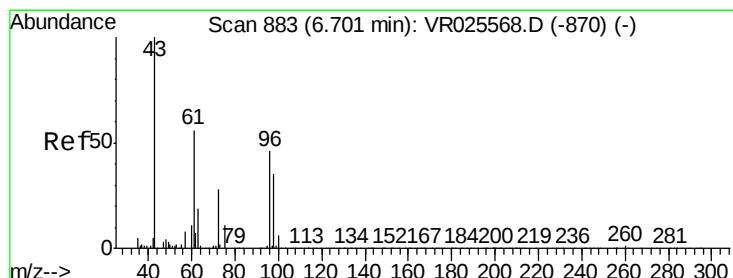
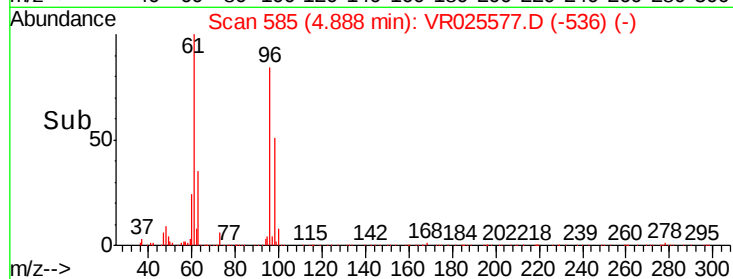
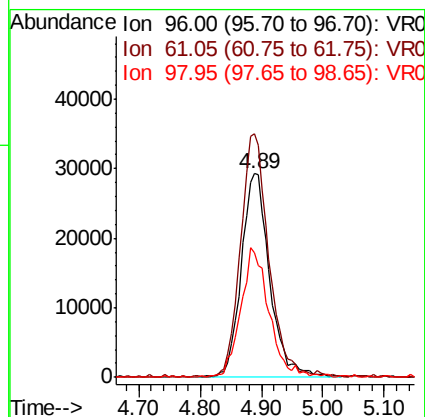
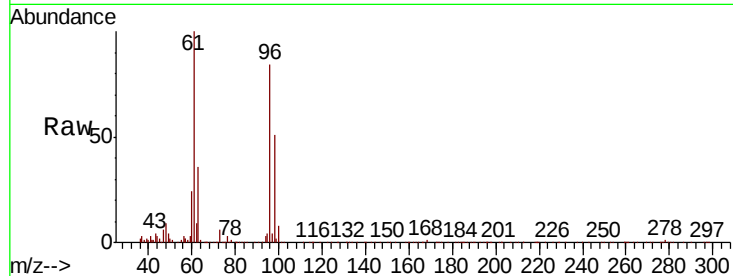




#18
trans-1,2-Dichloroethene
Concen: 2.552 ug/L
RT: 4.89 min Scan# 585
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

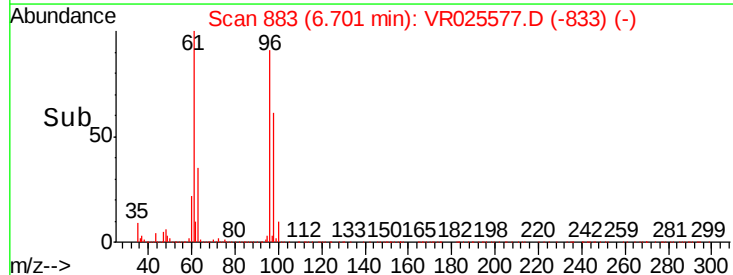
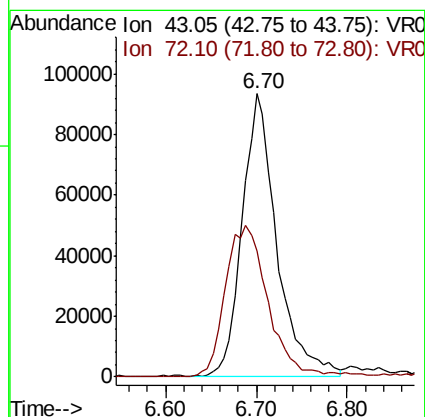
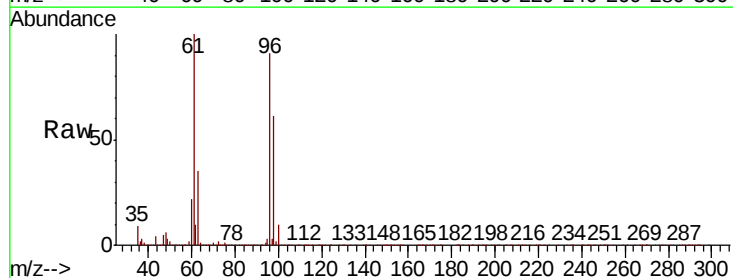
Instrument :
MSVOA_R
ClientSampleId :
ESWX2

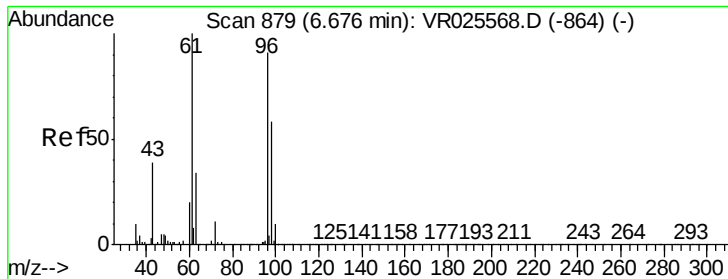
Tgt Ion: 96 Resp: 94001
Ion Ratio Lower Upper
96 100
61 119.7 85.5 158.9
98 61.4 42.1 78.1



#21
2-Butanone
Concen: 76.365 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Tgt Ion: 43 Resp: 245901
Ion Ratio Lower Upper
43 100
72 66.7 13.2 39.6#



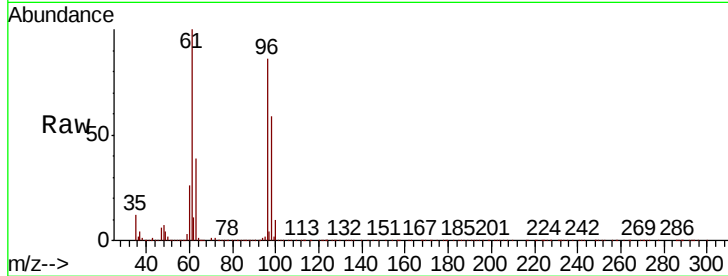


#22

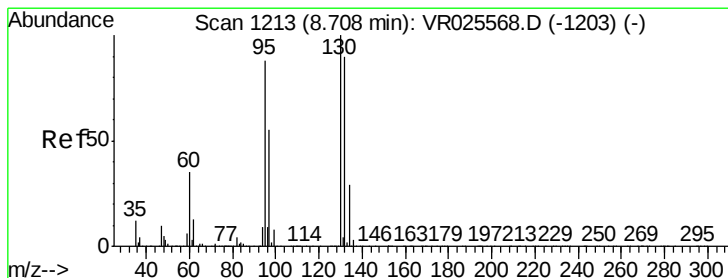
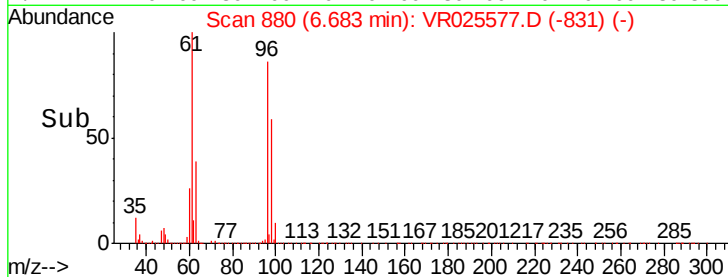
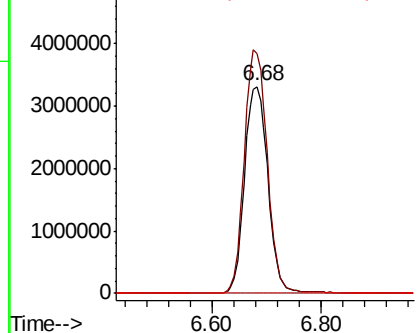
cis-1,2-Dichloroethene
Concen: 294.793 ug/L
RT: 6.68 min Scan# 880
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Instrument :
MSVOA_R
ClientSampleId :
ESWX2

Tgt Ion: 96 Resp: 9916692
Ion Ratio Lower Upper
96 100
61 115.8 77.7 144.3
68 0.0 0.0 0.0



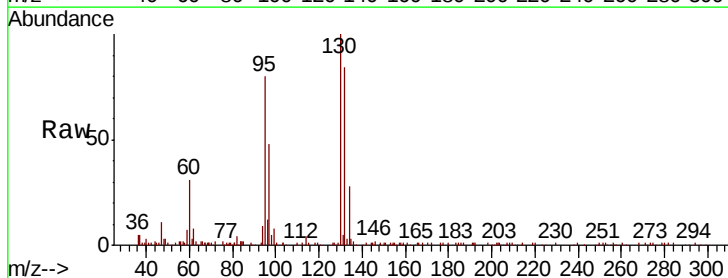
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



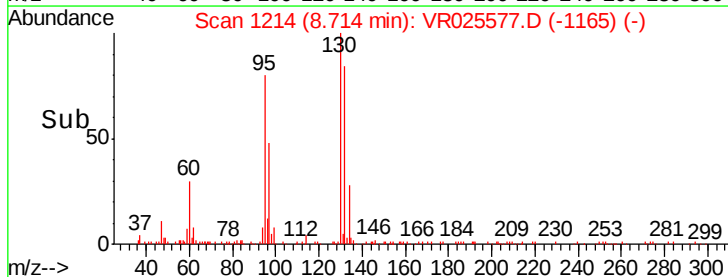
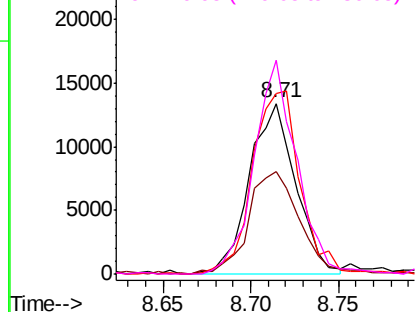
#34

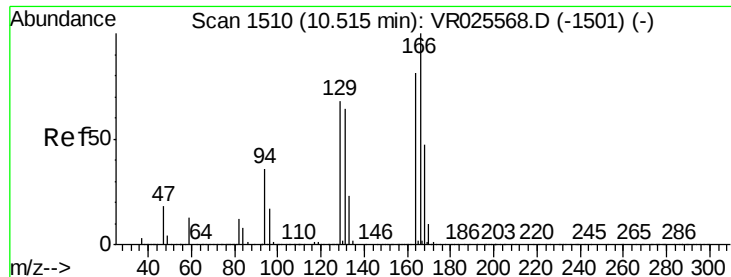
Trichloroethene
Concen: 0.702 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Tgt Ion: 95 Resp: 24665
Ion Ratio Lower Upper
95 100
97 60.1 46.7 86.7
132 105.4 71.7 133.1
130 125.1 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

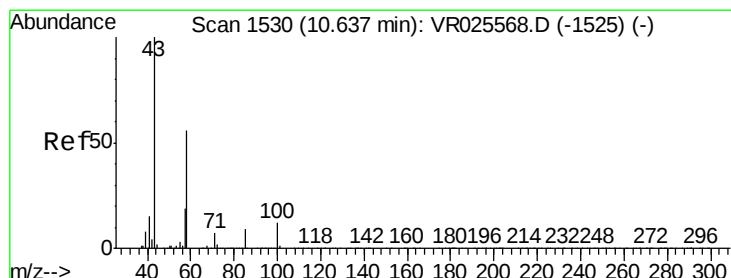
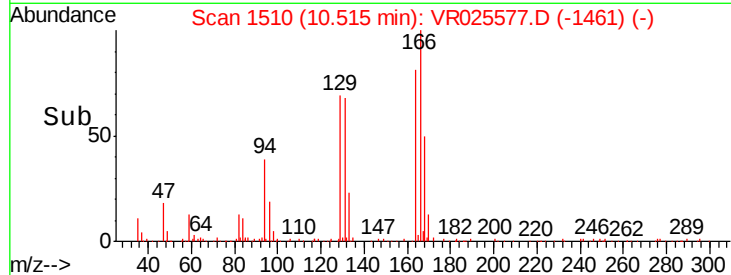
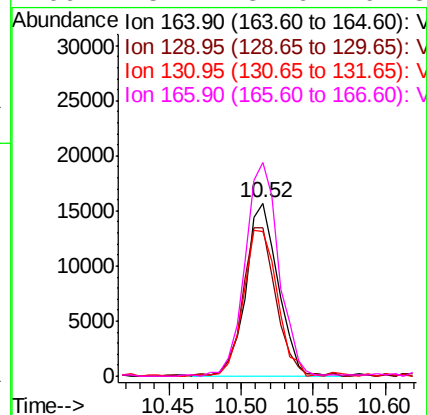
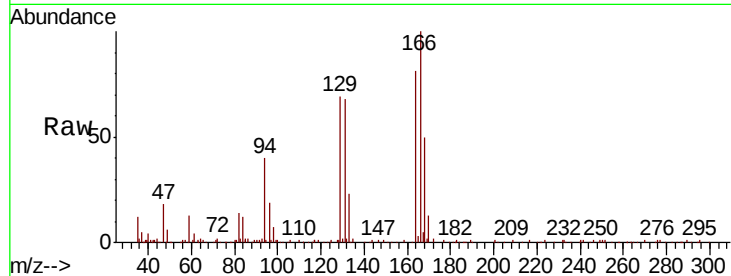




#47
Tetrachloroethene
Concen: 0.811 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

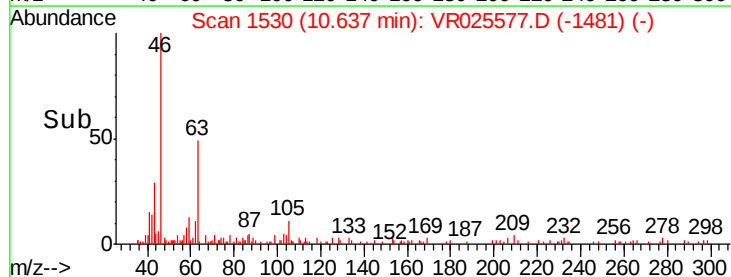
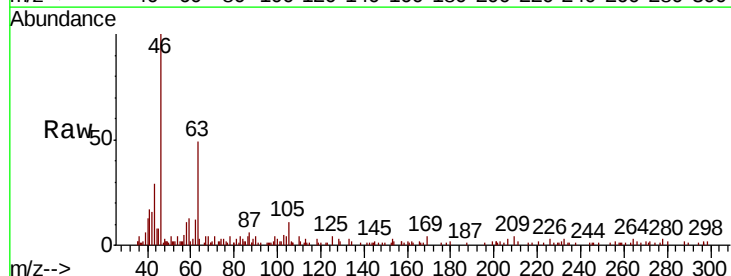
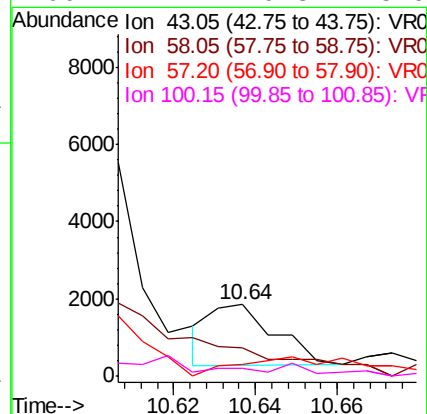
Instrument :
MSVOA_R
ClientSampleId :
ESWX2

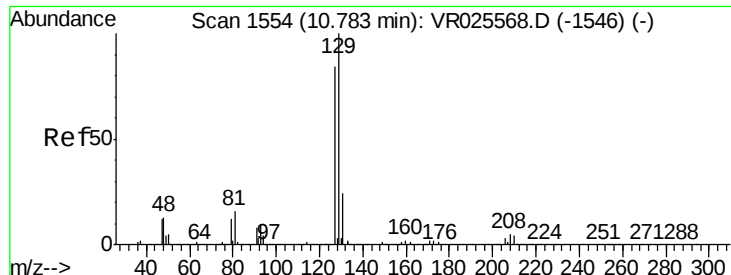
Tgt Ion	Ratio	Lower	Upper
164	100		
129	85.4	63.0	117.0
131	83.7	60.6	112.6
166	123.2	87.6	162.8



#48
2-Hexanone
Concen: 0.305 ug/L
RT: 10.64 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VR025577.D
Acq: 7 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.0	67.6#
57	62.8	15.8	23.6#
100	2.1	9.3	13.9#





#49

Dibromochloromethane

Concen: 1.114 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.27 min

Lab File: VR025577.D

Acq: 7 Aug 2018 15:31

Instrument :

MSVOA_R

ClientSampleId :

ESWX2

Tgt Ion:129 Resp: 19449

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#

