

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025575.D
 Acq On : 7 Aug 2018 14:25
 Operator : SY/MD
 Sample : J4358-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX0

Quant Time: Aug 08 02:01:28 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	545883	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	467951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	112242	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	2.63	69	66764	2.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	3.64	63	217501	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	6.60	46	148112	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	7.21	84	268658	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	7.89	65	91705	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	7.86	84	586767	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	162258	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	531670	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	32747	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	10.59	63	169599	62.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77589	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	139244	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

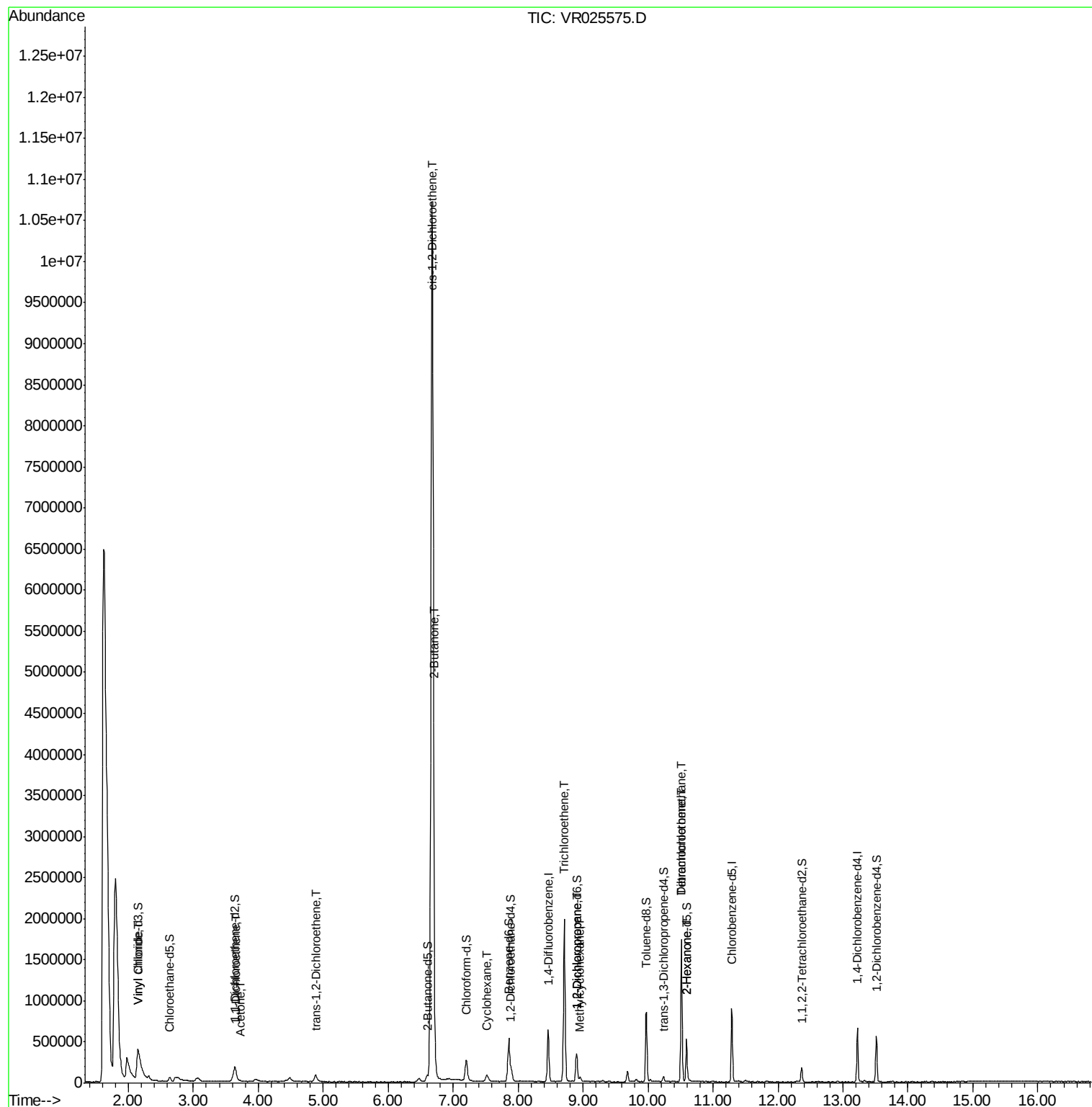
					Qvalue
5) Vinyl chloride	2.15	62	82653	2.004 ug/L	98
12) 1,1-Dichloroethene	3.66	96	12371	0.317 ug/L #	1
13) Acetone	3.72	43	14880	6.332 ug/L	93
18) trans-1,2-Dichloroethene	4.89	96	48976	1.312 ug/L	99
21) 2-Butanone	6.71	43	4186	1.282 ug/L #	49
22) cis-1,2-Dichloroethene	6.68	96	6836040	200.428 ug/L #	97
30) Cyclohexane	7.52	56	41176	0.862 ug/L	94
34) Trichloroethene	8.71	95	630841	17.546 ug/L	96
35) Methylcyclohexane	8.96	83	19222	0.356 ug/L	91
37) 1,2-Dichloropropane	8.90	63	15823	0.520 ug/L	100
47) Tetrachloroethene	10.52	164	375014	12.191 ug/L	99
48) 2-Hexanone	10.59	43	20334	3.516 ug/L #	67
49) Dibromochloromethane	10.52	129	299999	16.780 ug/L #	11

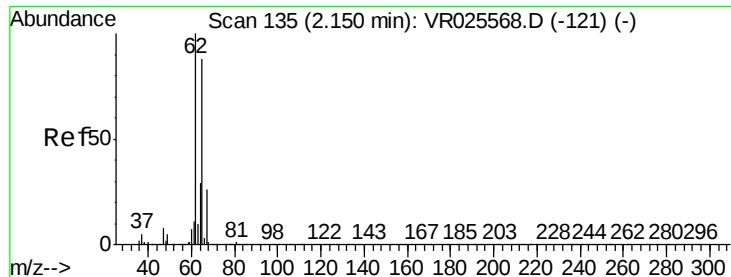
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.004 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

Instrument :

MSVOA_R

ClientSampleId :

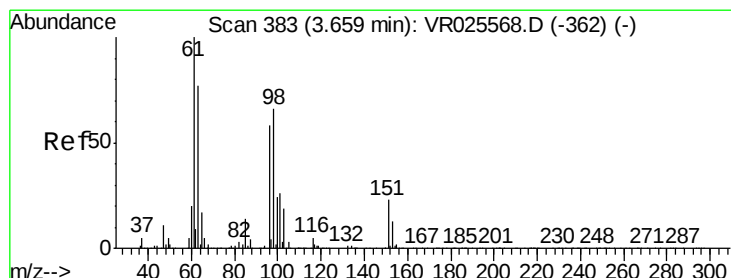
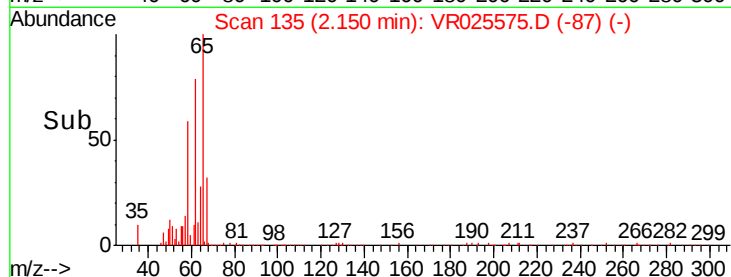
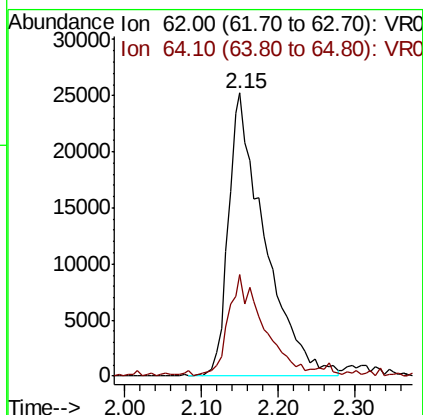
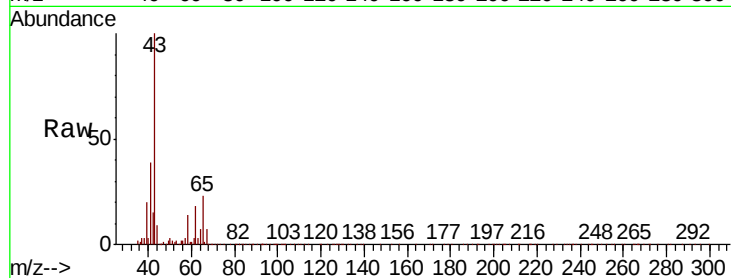
ESWX0

Tgt Ion: 62 Resp: 82653

Ion Ratio Lower Upper

62 100

64 35.8 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

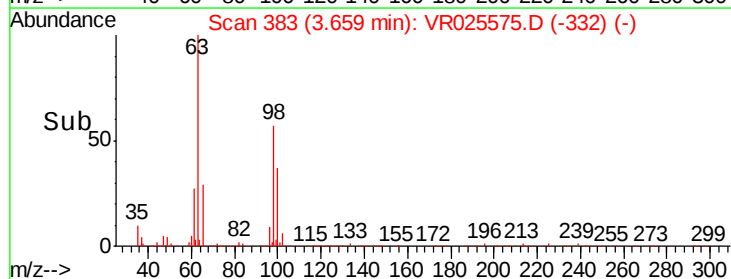
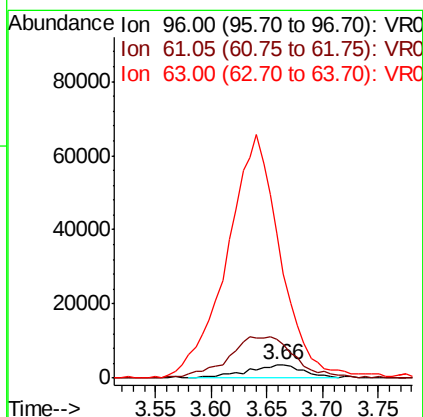
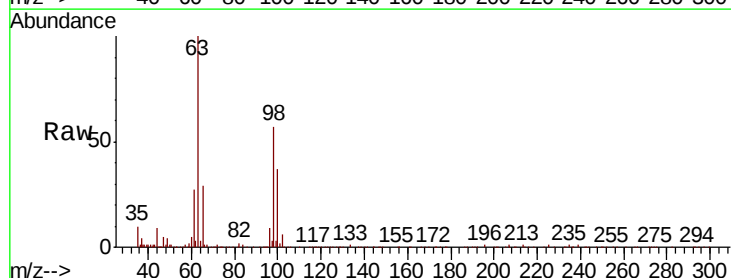
Tgt Ion: 96 Resp: 12371

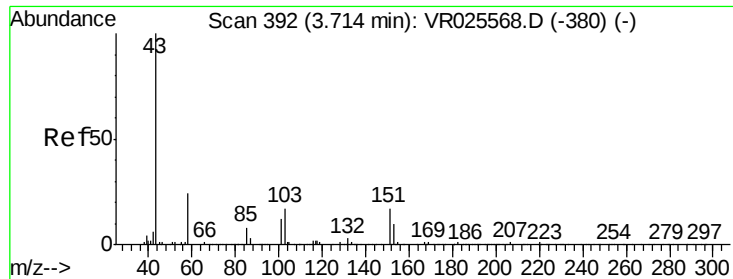
Ion Ratio Lower Upper

96 100

61 293.4 124.3 230.8#

63 1098.6 108.1 200.7#

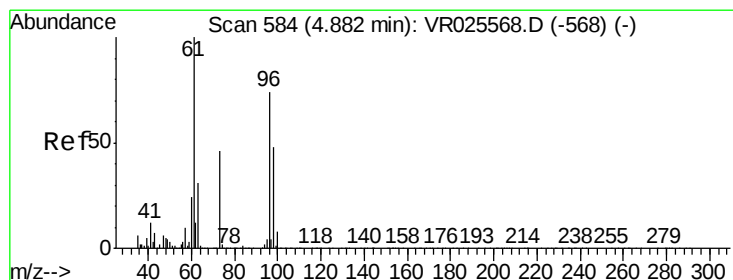
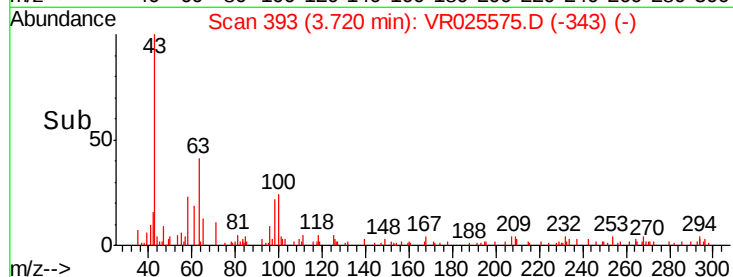
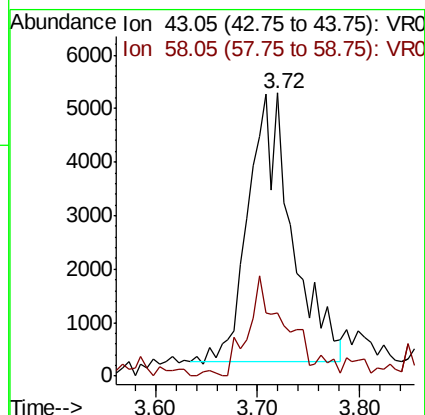
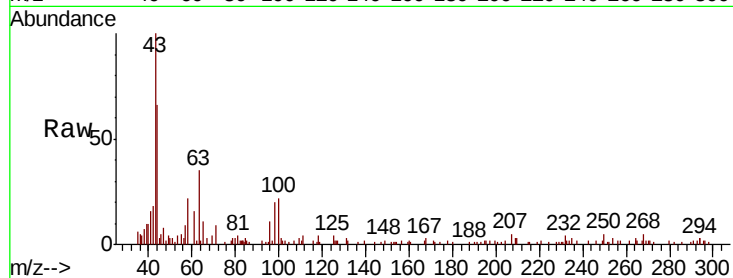




#13
Acetone
Concen: 6.332 ug/L
RT: 3.72 min Scan# 393
Delta R.T. 0.01 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

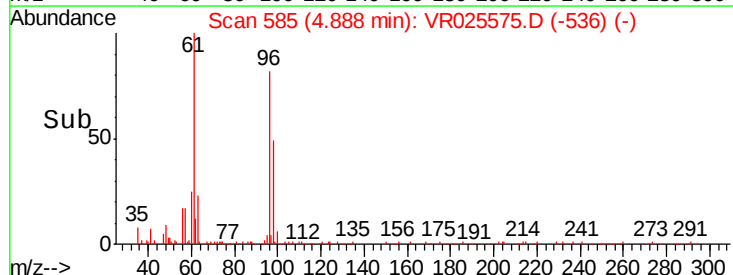
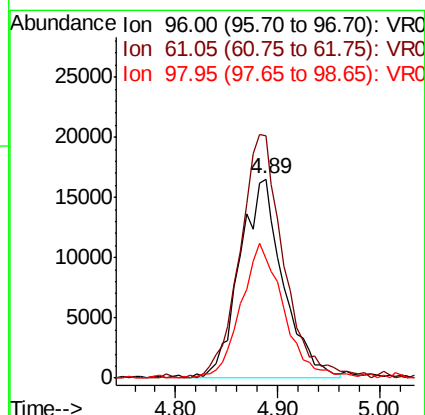
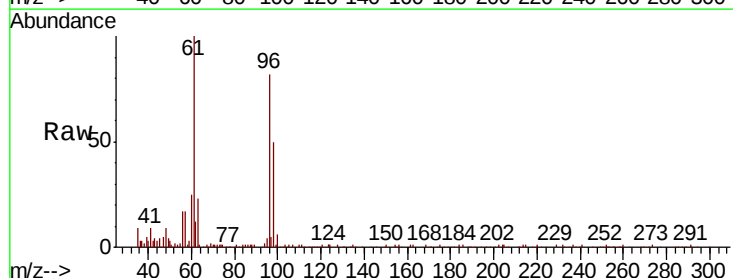
Instrument :
MSVOA_R
ClientSampleId :
ESWX0

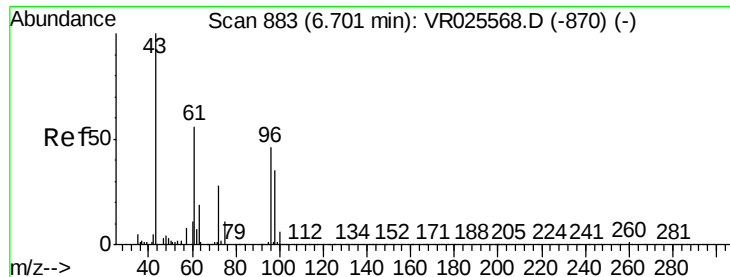
Tgt Ion: 43 Resp: 14880
Ion Ratio Lower Upper
43 100
58 30.2 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 1.312 ug/L
RT: 4.89 min Scan# 585
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion: 96 Resp: 48976
Ion Ratio Lower Upper
96 100
61 121.4 85.5 158.9
98 60.3 42.1 78.1





#21

2-Butanone

Concen: 1.282 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

Instrument :

MSVOA_R

ClientSampled :

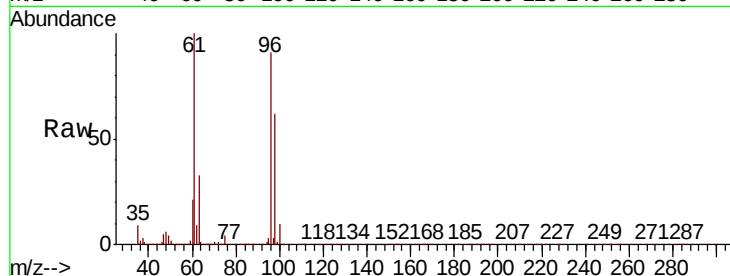
ESWX0

Tgt Ion: 43 Resp: 4186

Ion Ratio Lower Upper

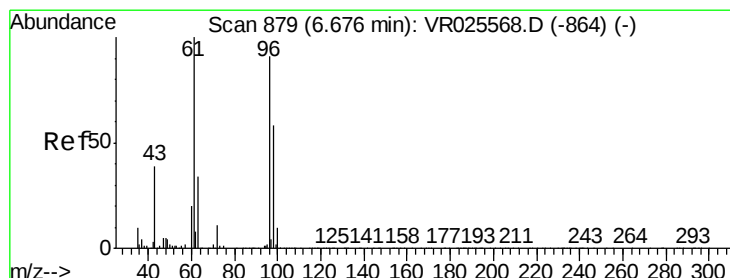
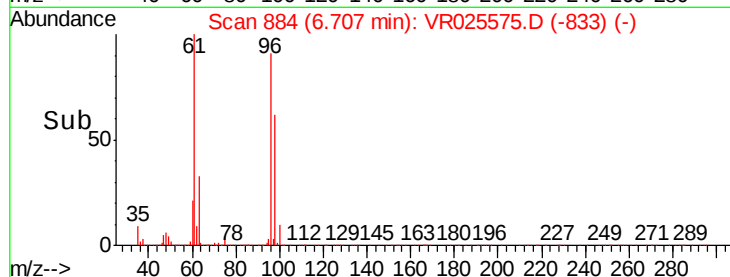
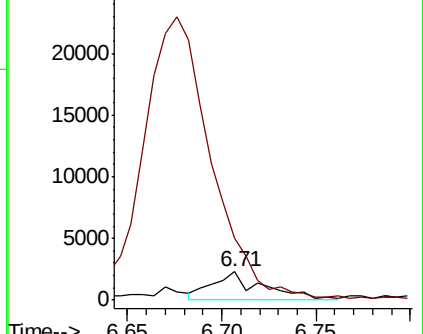
43 100

72 0.0 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: 200.428 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

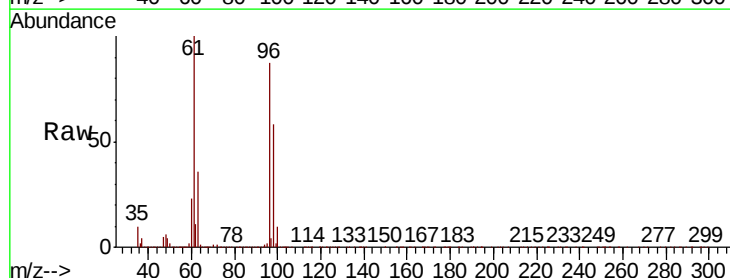
Tgt Ion: 96 Resp: 6836040

Ion Ratio Lower Upper

96 100

61 114.5 77.7 144.3

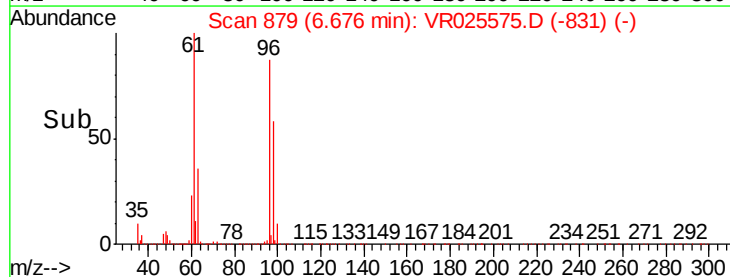
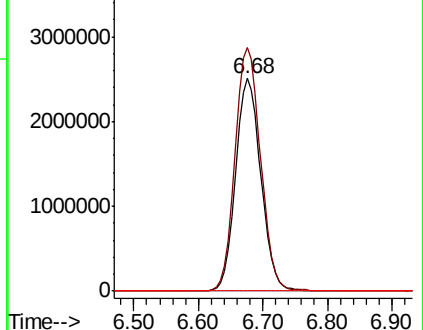
68 0.0 0.0 0.0#

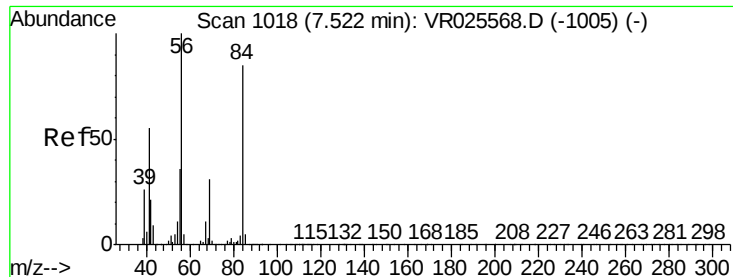


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

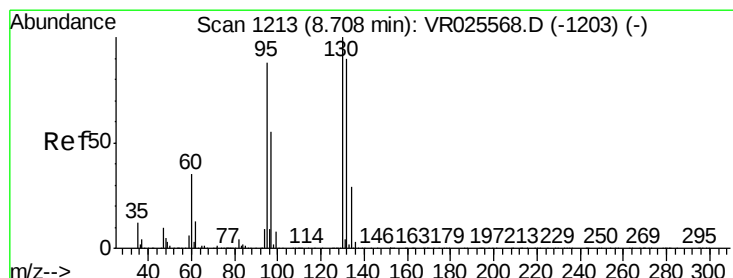
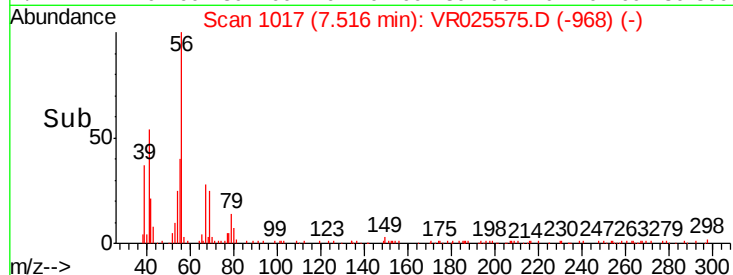
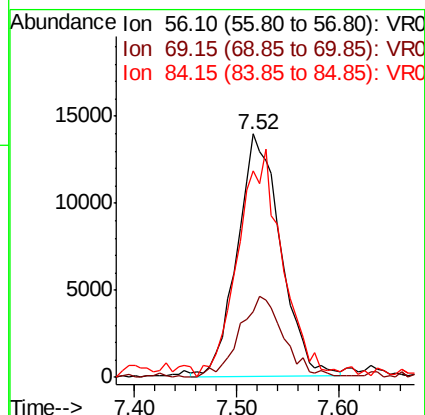
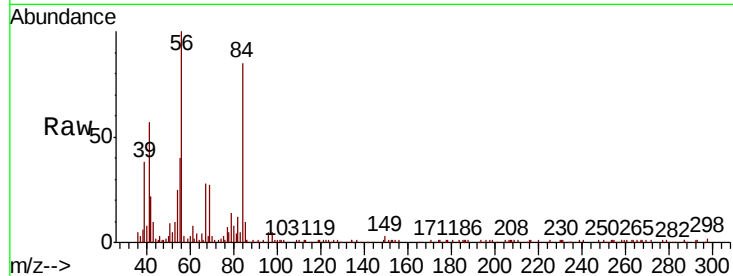




#30
Cyclohexane
Concen: 0.862 ug/L
RT: 7.52 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

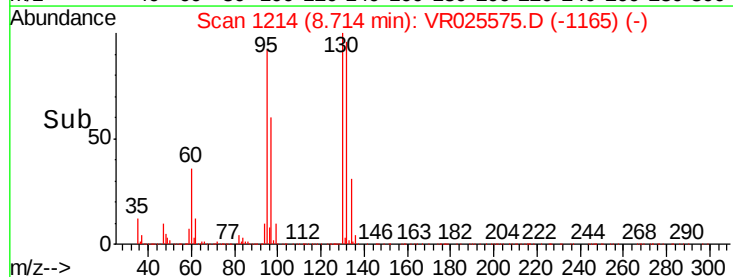
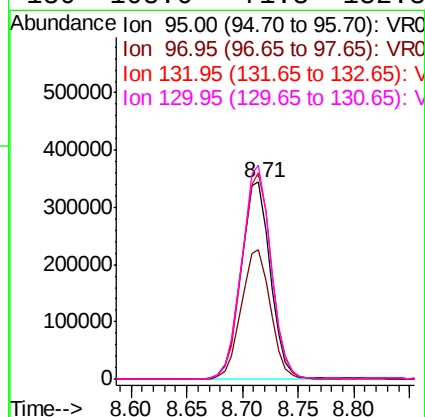
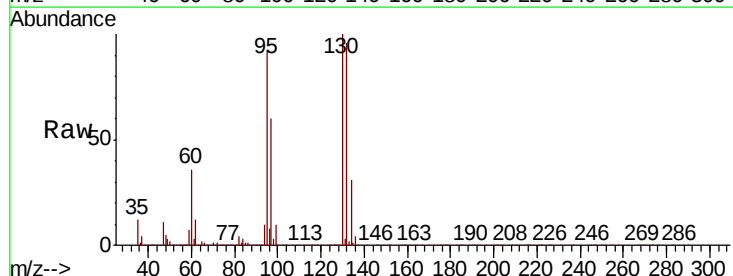
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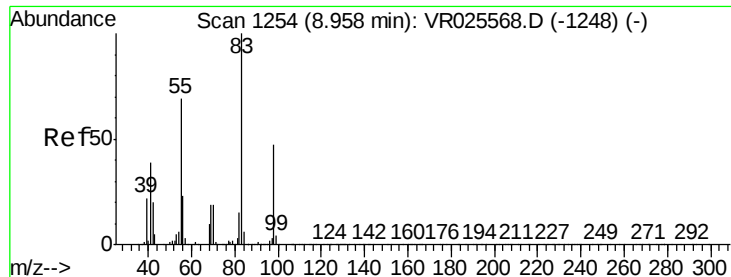
Tgt Ion: 56 Resp: 41176
Ion Ratio Lower Upper
56 100
69 34.3 24.6 36.8
84 94.6 71.3 106.9



#34
Trichloroethene
Concen: 17.546 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion: 95 Resp: 630841
Ion Ratio Lower Upper
95 100
97 65.6 46.7 86.7
132 104.5 71.7 133.1
130 108.6 71.3 132.3

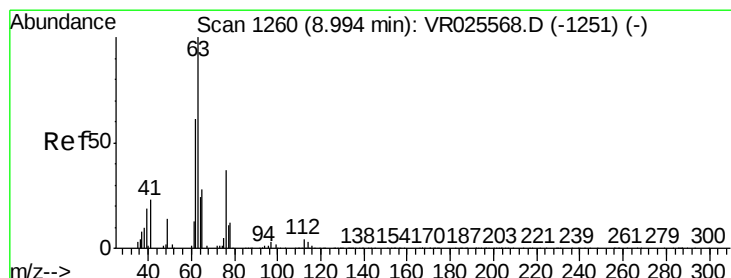
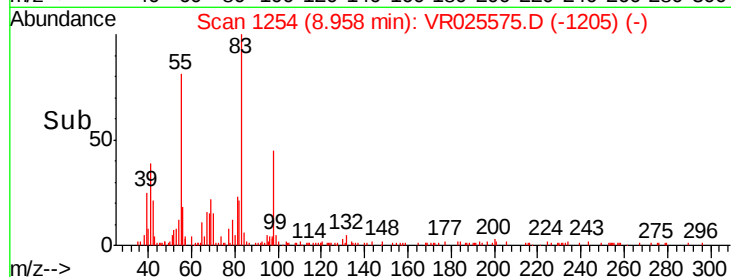
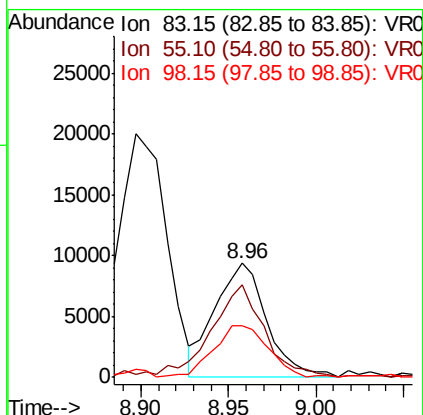
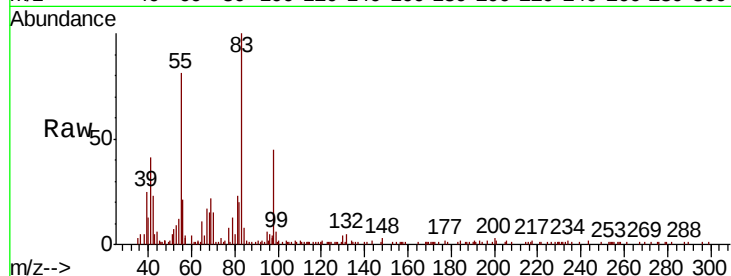




#35
Methylcyclohexane
Concen: 0.356 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

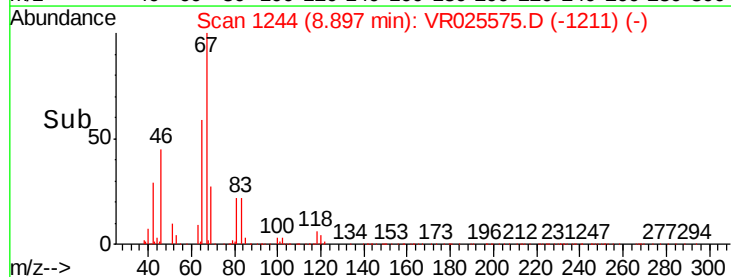
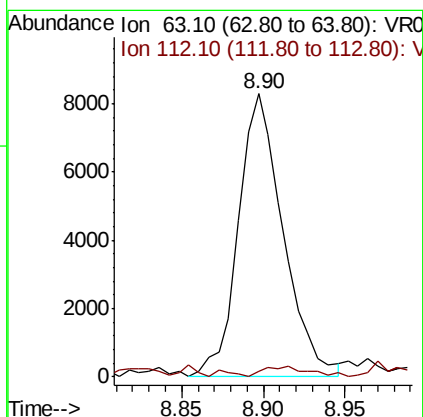
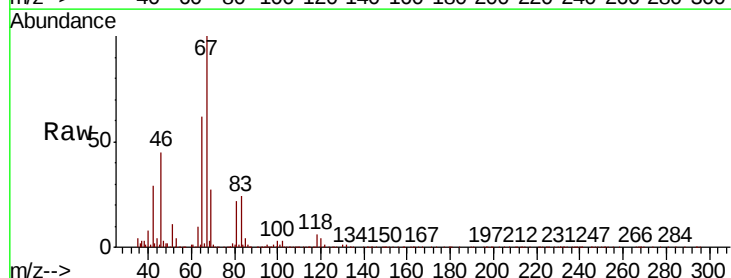
Instrument :
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ClientSampleId :
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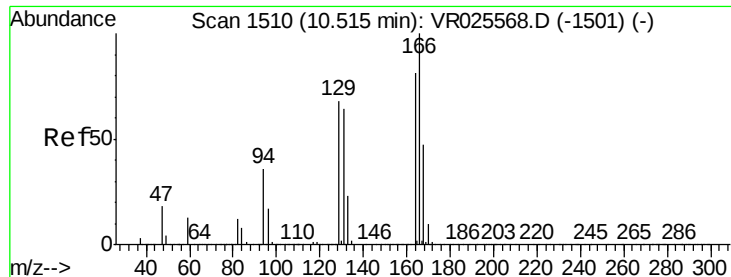
Tgt Ion: 83 Resp: 19222
Ion Ratio Lower Upper
83 100
55 83.4 58.3 87.5
98 48.8 37.8 56.6



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion: 63 Resp: 15823
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

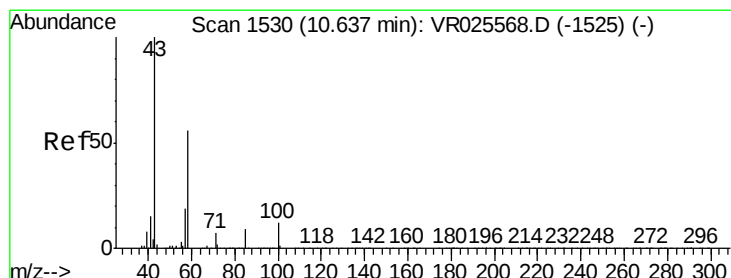
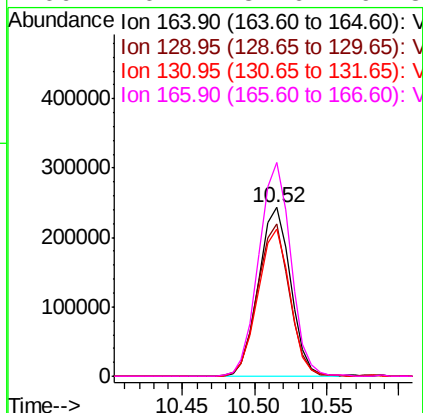
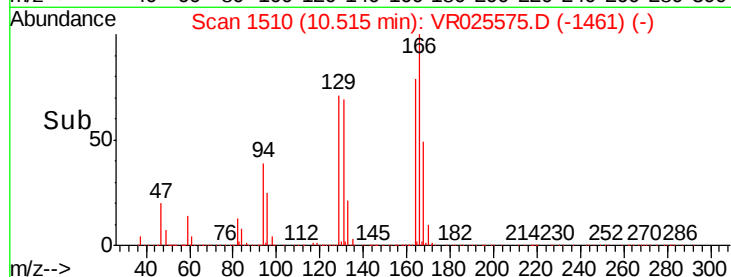
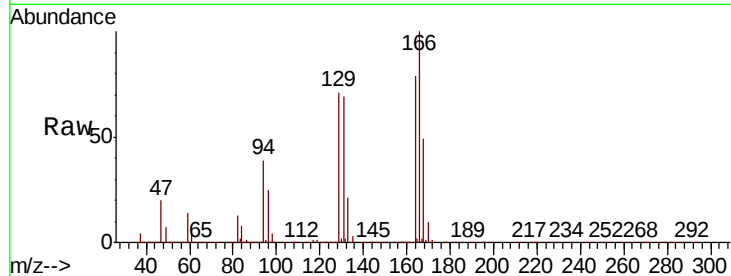




#47
Tetrachloroethene
Concen: 12.191 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

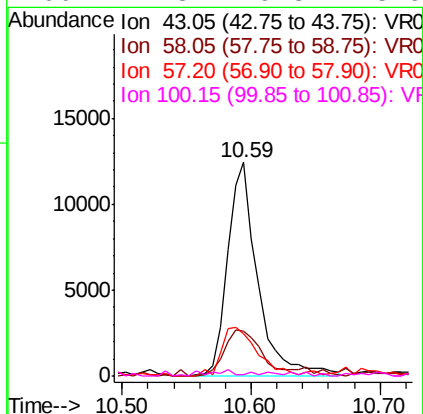
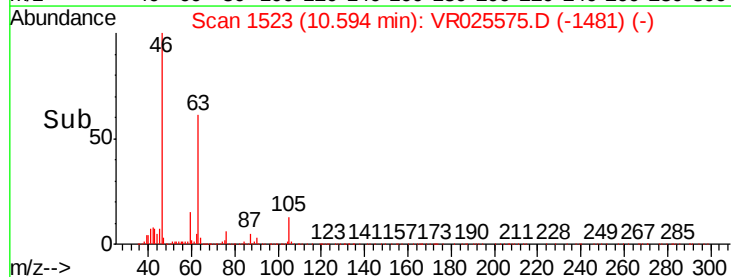
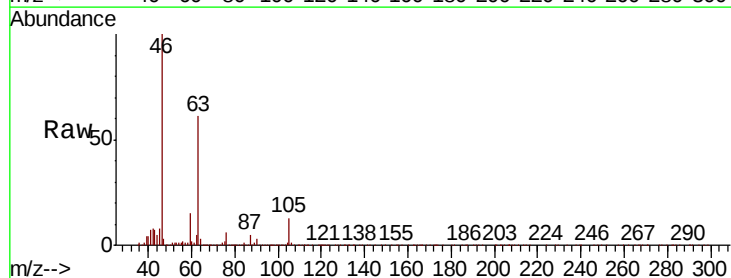
Instrument :
MSVOA_R
ClientSampleId :
ESWX0

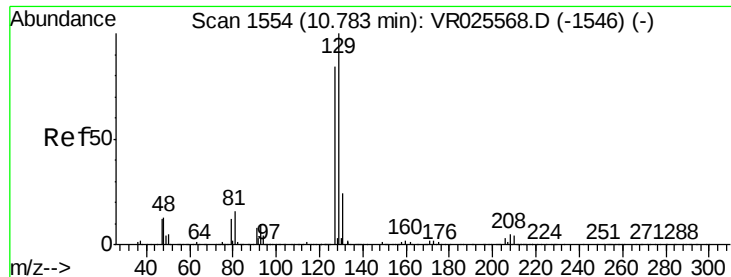
Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.3	63.0	117.0
131	87.0	60.6	112.6
166	126.7	87.6	162.8



#48
2-Hexanone
Concen: 3.516 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025575.D
Acq: 7 Aug 2018 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.8	45.0	67.6#
57	27.0	15.8	23.6#
100	2.3	9.3	13.9#





#49

Dibromochloromethane

Concen: 16.780 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.27 min

Lab File: VR025575.D

Acq: 7 Aug 2018 14:25

Instrument :

MSVOA_R

ClientSampleId :

ESWX0

Tgt Ion:129 Resp: 299999

Ion Ratio Lower Upper

129 100

127 0.2 54.3 100.9#

