

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
 Data File : VR025565.D
 Acq On : 6 Aug 2018 20:54
 Operator : SY/MD
 Sample : J4358-04MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4MSD

Quant Time: Aug 06 23:42:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	589218	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	498769	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	133310	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	2.64	69	94438	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	3.65	63	313941	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	6.60	46	152807	50.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	7.20	84	289243	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	7.90	65	106232	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	7.86	84	625252	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.90	67	177009	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	566719	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	38615	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	184624	64.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86473	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	149309	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

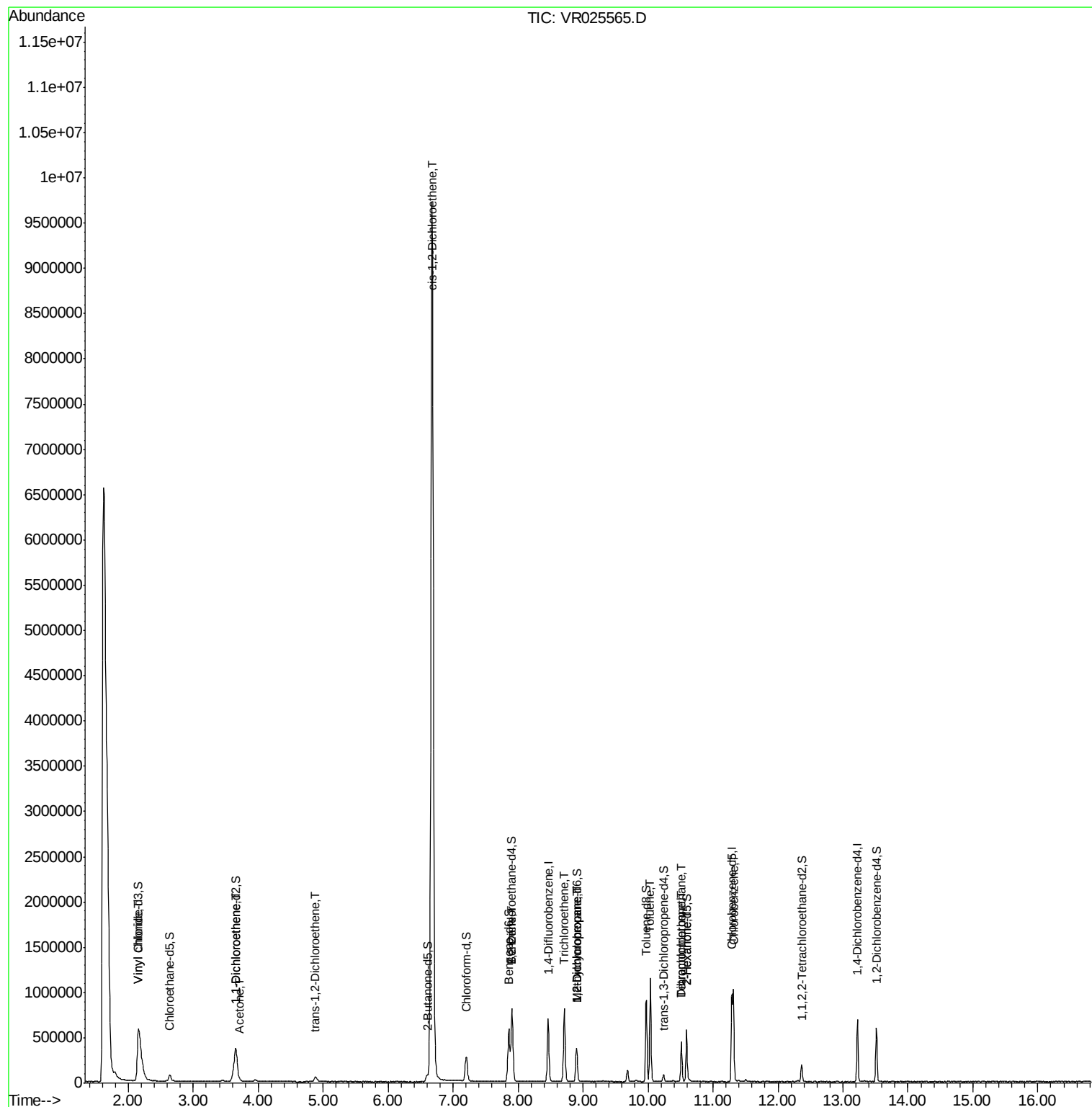
					Qvalue
5) Vinyl chloride	2.16	62	1411499	31.705 ug/L	97
12) 1,1-Dichloroethene	3.66	96	159720	3.795 ug/L	93
13) Acetone	3.71	43	6677	2.632 ug/L	93
18) trans-1,2-Dichloroethene	4.88	96	36286	0.900 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	6222315	169.016 ug/L	98
33) Benzene	7.91	78	706831	4.588 ug/L	100
34) Trichloroethene	8.71	95	269703	7.038 ug/L	94
35) Methylcyclohexane	8.90	83	41021	0.712 ug/L #	20
37) 1,2-Dichloropropane	8.90	63	17807	0.549 ug/L #	96
42) Toluene	10.03	91	791384	4.823 ug/L	97
47) Tetrachloroethene	10.52	164	96818	2.953 ug/L	96
48) 2-Hexanone	10.59	43	21332	3.461 ug/L #	66
49) Dibromochloromethane	10.52	129	74880	3.930 ug/L #	11
51) Chlorobenzene	11.31	112	494335	4.982 ug/L	99

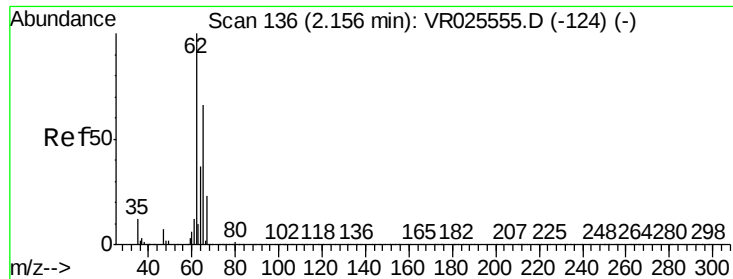
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 23:40:46 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 31.705 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

Lab File: VR025555.D

Acq: 6 Aug 2018 20:54

Instrument :

MSVOA_R

ClientSampleId :

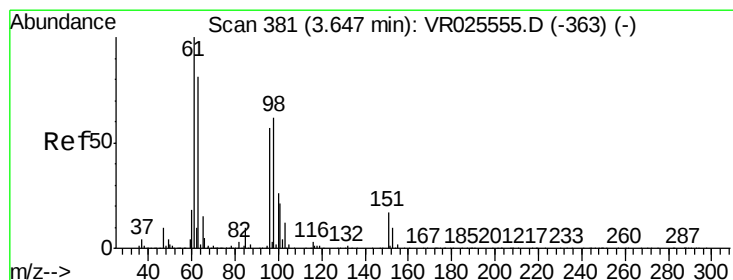
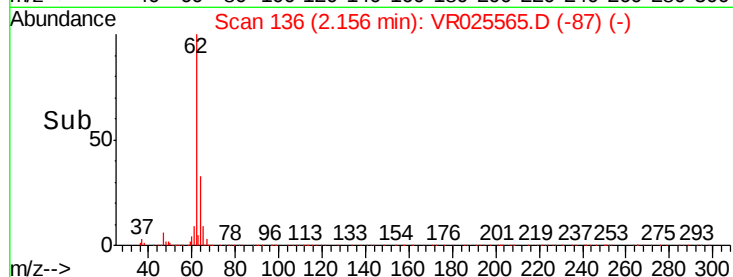
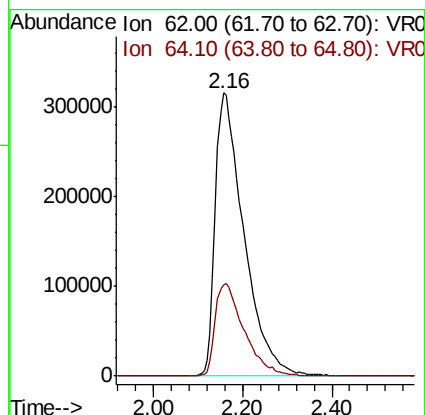
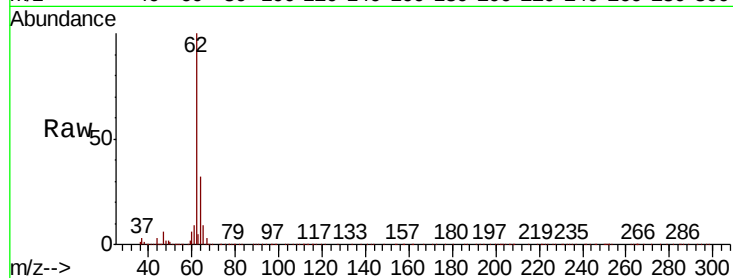
ESWW4MSD

Tgt Ion: 62 Resp: 1411499

Ion Ratio Lower Upper

62 100

64 32.5 24.1 44.8



#12

1,1-Dichloroethene

Concen: 3.795 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025565.D

Acq: 6 Aug 2018 20:54

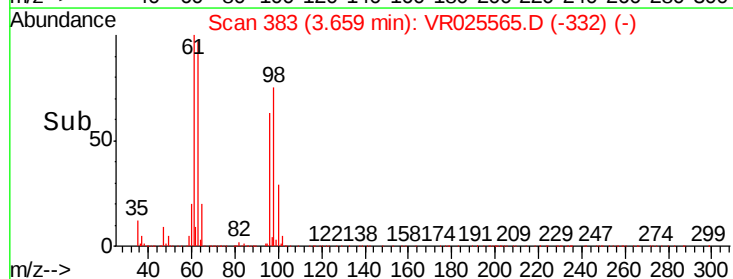
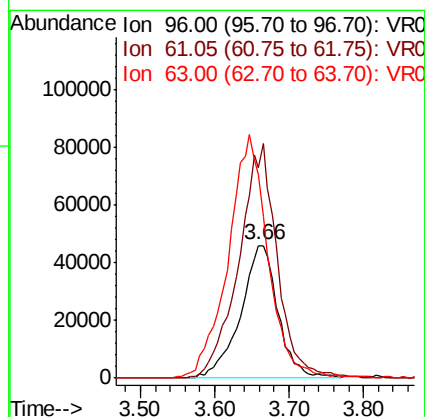
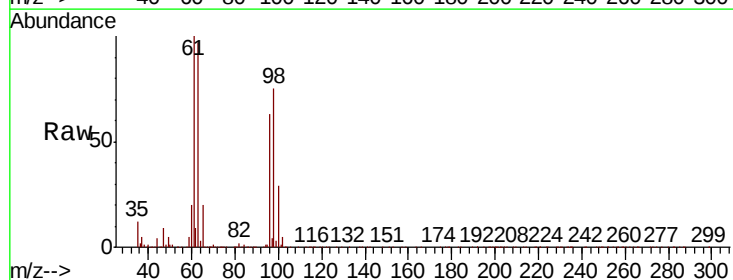
Tgt Ion: 96 Resp: 159720

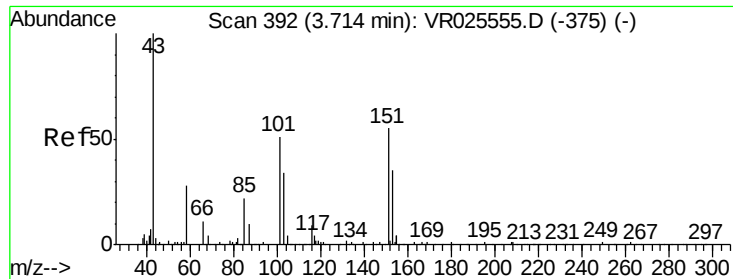
Ion Ratio Lower Upper

96 100

61 159.1 124.3 230.8

63 153.6 108.1 200.7

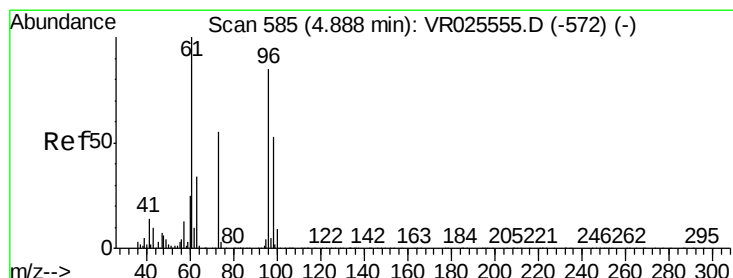
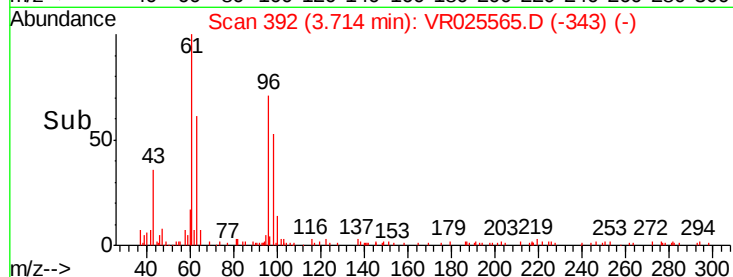
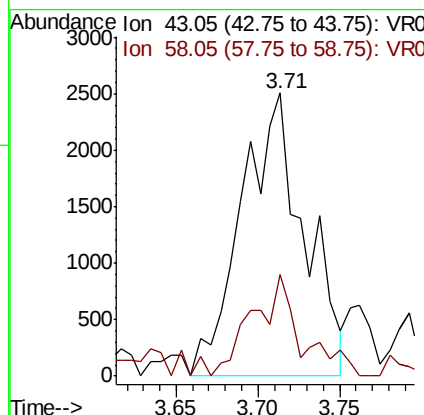
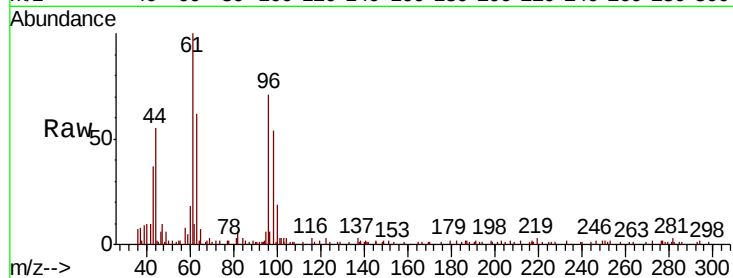




#13
Acetone
Concen: 2.632 ug/L
RT: 3.71 min Scan# 392
Delta R.T. -0.00 min
Lab File: VR025555.D
Acq: 6 Aug 2018 20:54

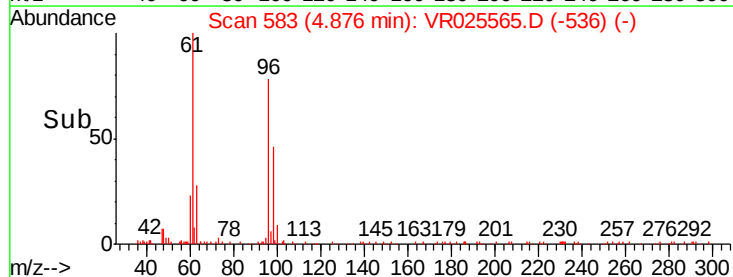
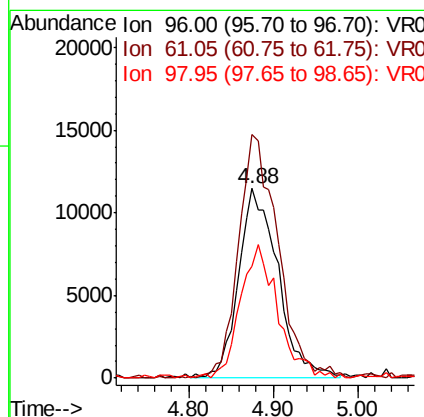
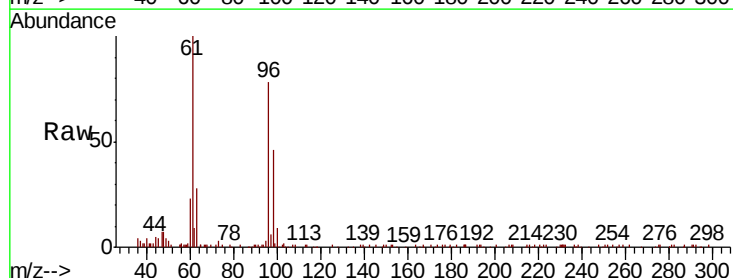
Instrument :
MSVOA_R
ClientSampleId :
ESWW4MSD

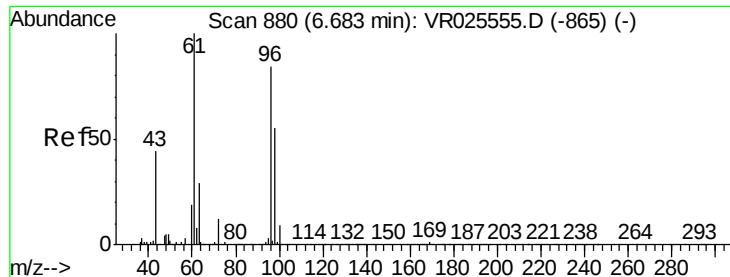
Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
58 23.2 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 0.900 ug/L
RT: 4.88 min Scan# 583
Delta R.T. -0.01 min
Lab File: VR025555.D
Acq: 6 Aug 2018 20:54

Tgt Ion: 96 Resp: 36286
Ion Ratio Lower Upper
96 100
61 128.6 85.5 158.9
98 59.0 42.1 78.1



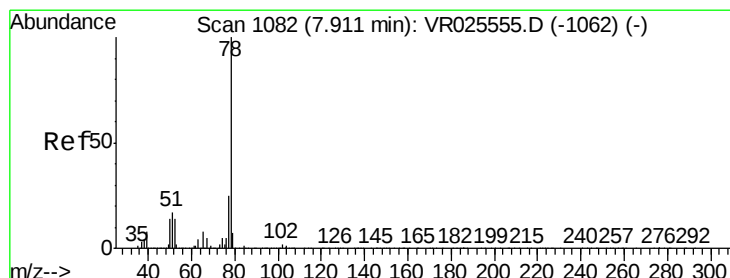
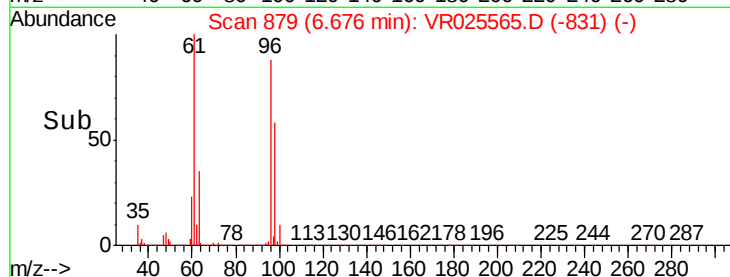
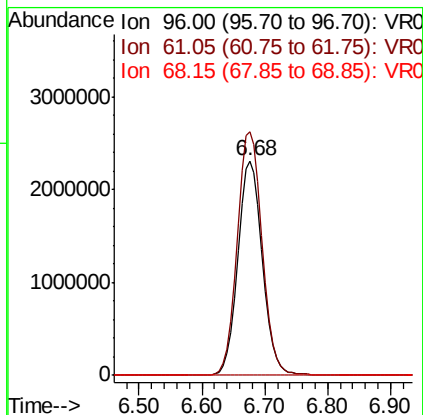
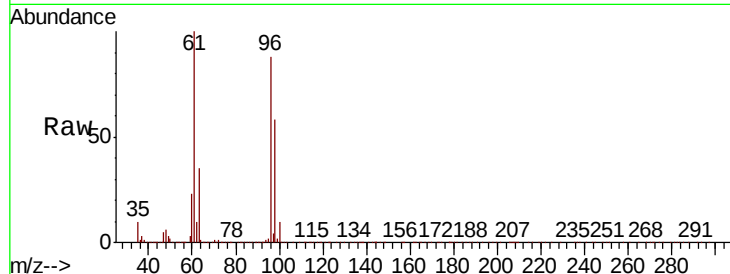


#22

cis-1,2-Dichloroethene
Concen: 169.016 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025565.D
Acq: 6 Aug 2018 20:54

Instrument :
MSVOA_R
ClientSampleId :
ESWW4MSD

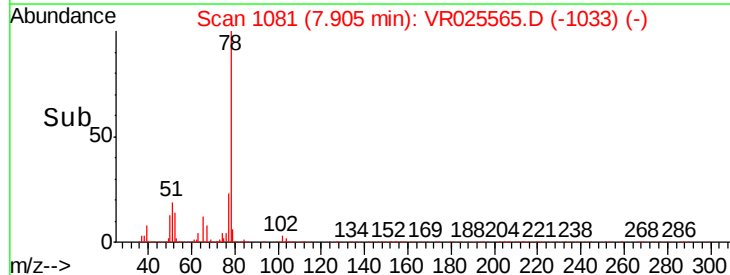
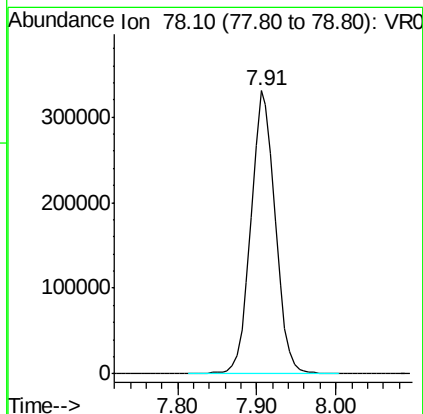
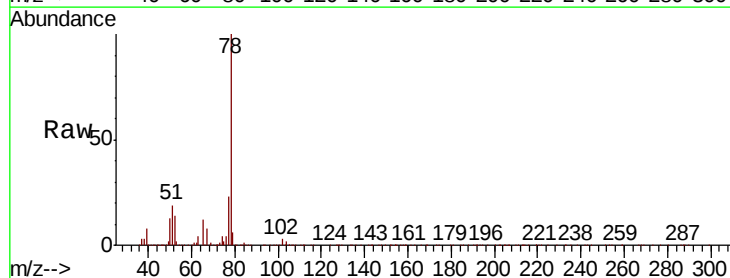
Tgt Ion: 96 Resp: 6222315
Ion Ratio Lower Upper
96 100
61 113.5 77.7 144.3
68 0.0 0.0 0.0

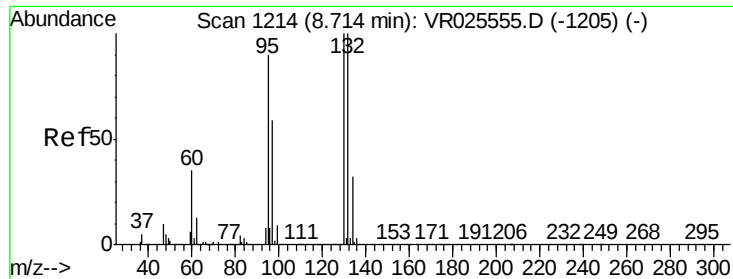


#33

Benzene
Concen: 4.588 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VR025565.D
Acq: 6 Aug 2018 20:54

Tgt Ion: 78 Resp: 706831

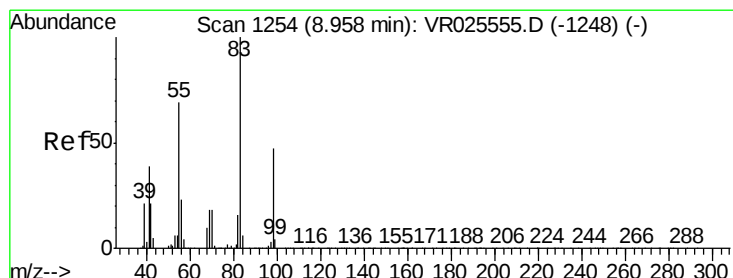
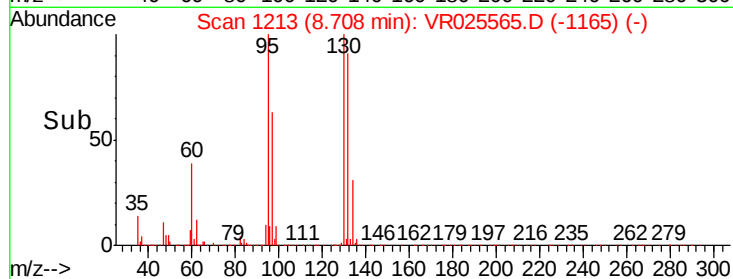
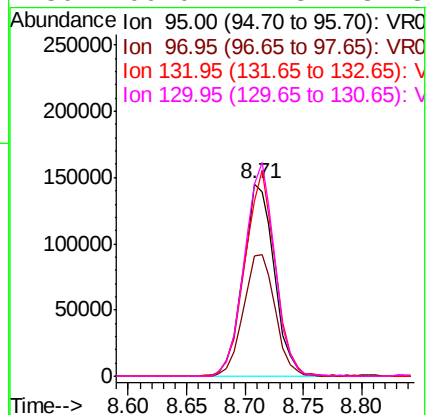
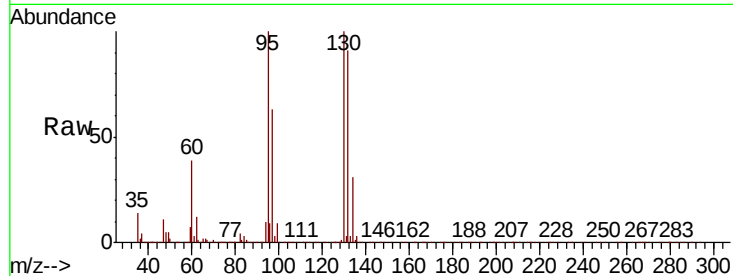




#34
 Trichloroethene
 Concen: 7.038 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: VR025565.D
 Acq: 6 Aug 2018 20:54

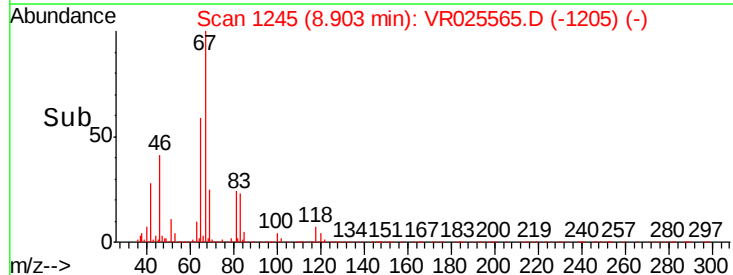
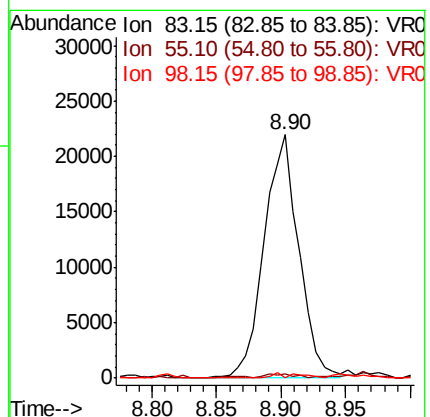
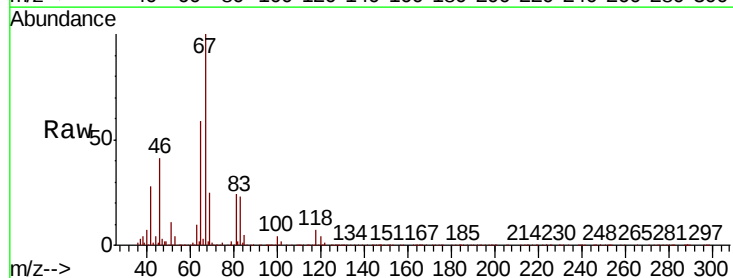
Instrument :
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 ClientSampleId :
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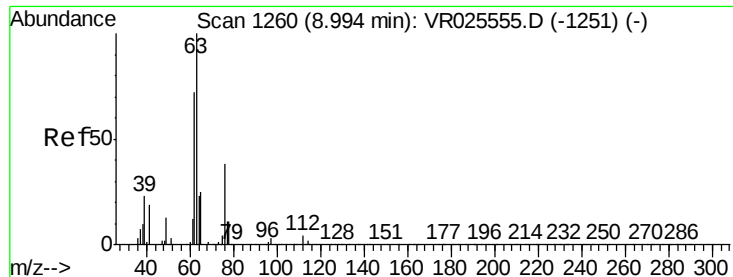
Tgt Ion:	95	Resp:	269703
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.7	86.7
132	91.3	71.7	133.1
130	100.0	71.3	132.3



#35
 Methylcyclohexane
 Concen: 0.712 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VR025565.D
 Acq: 6 Aug 2018 20:54

Tgt Ion:	83	Resp:	41021
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.3	87.5#
98	0.7	37.8	56.6#

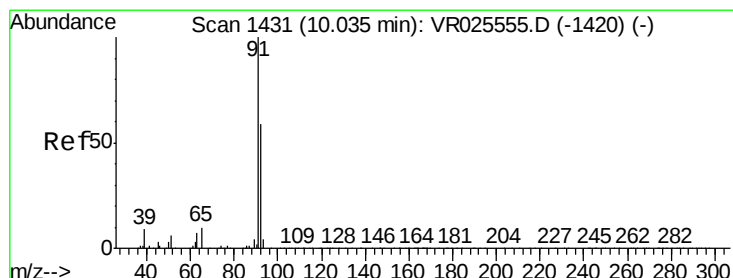
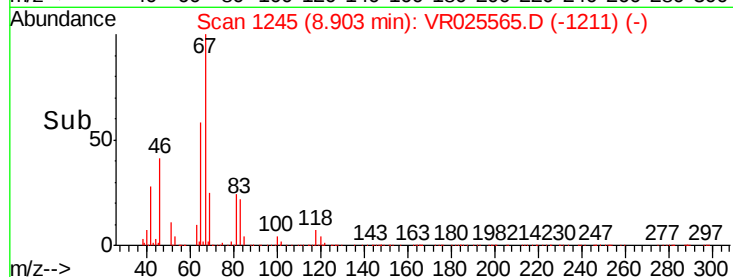
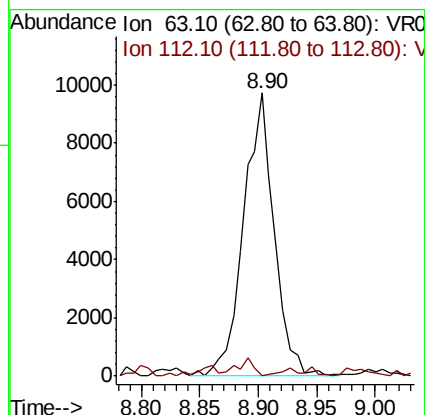
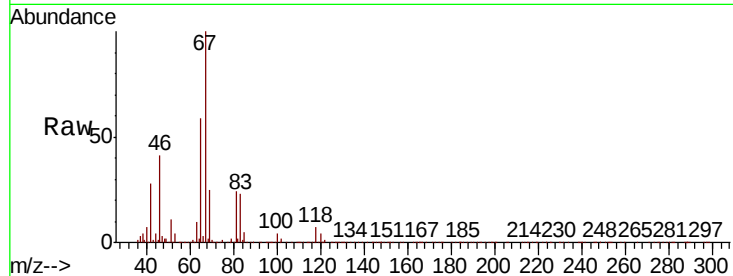




#37
 1,2-Dichloropropane
 Concen: 0.549 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025565.D
 Acq: 6 Aug 2018 20:54

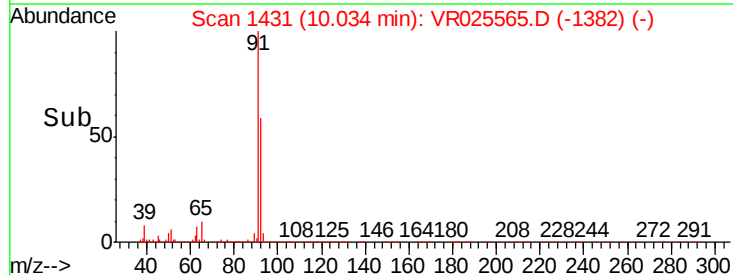
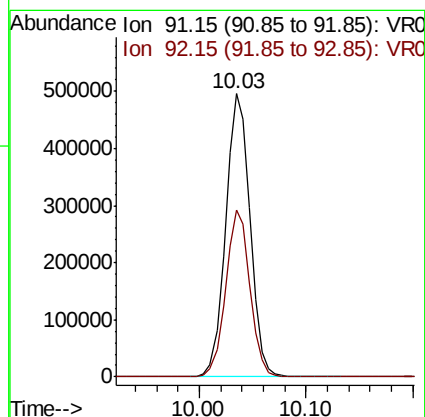
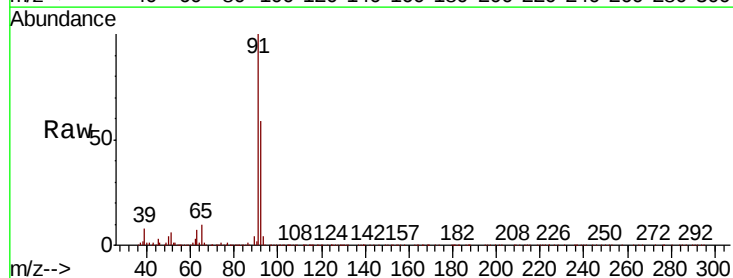
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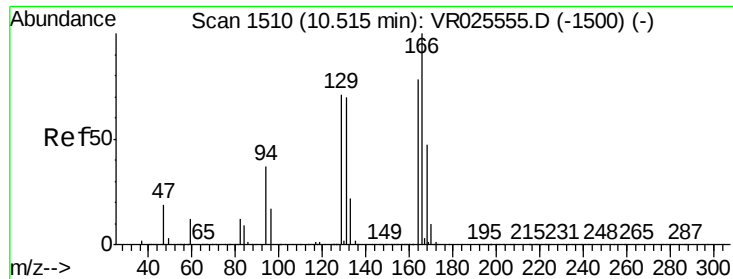
Tgt Ion: 63 Resp: 17807
 Ion Ratio Lower Upper
 63 100
 112 2.8 3.3 4.9#



#42
 Toluene
 Concen: 4.823 ug/L
 RT: 10.03 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VR025565.D
 Acq: 6 Aug 2018 20:54

Tgt Ion: 91 Resp: 791384
 Ion Ratio Lower Upper
 91 100
 92 59.1 39.6 73.6

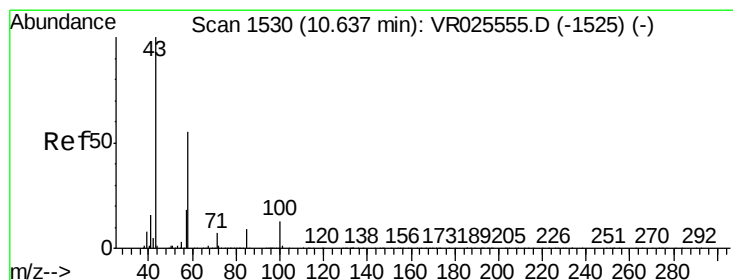
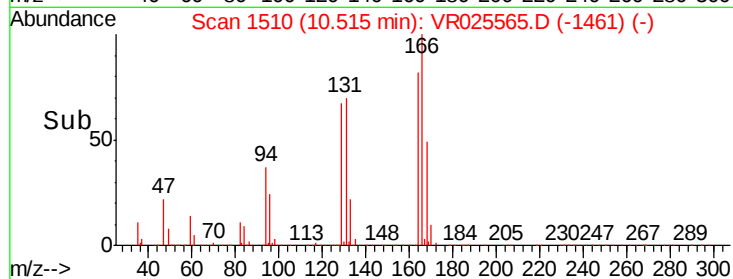
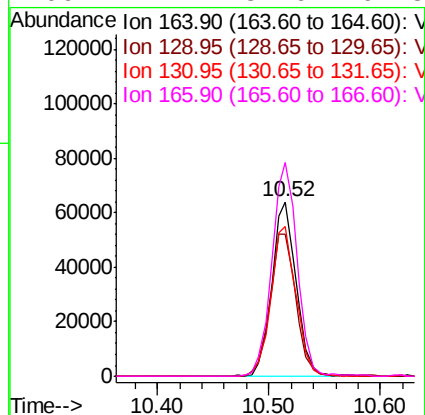
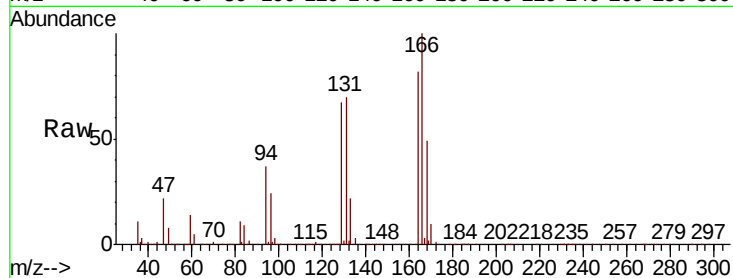




#47
Tetrachloroethene
Concen: 2.953 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025565.D
Acq: 6 Aug 2018 20:54

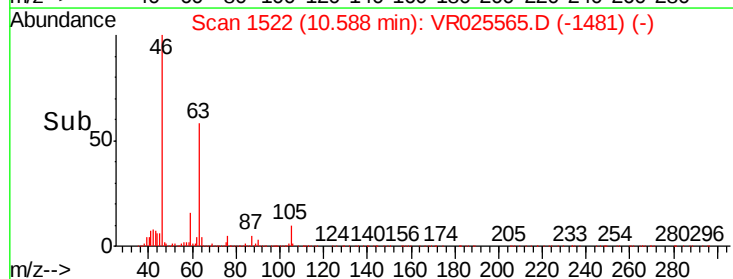
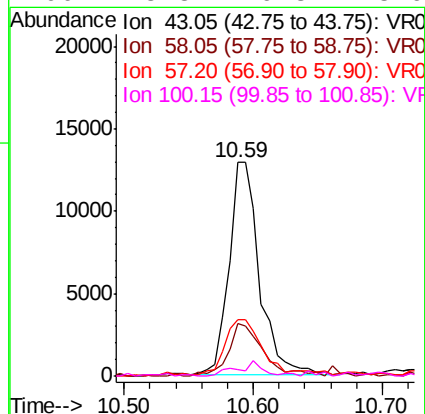
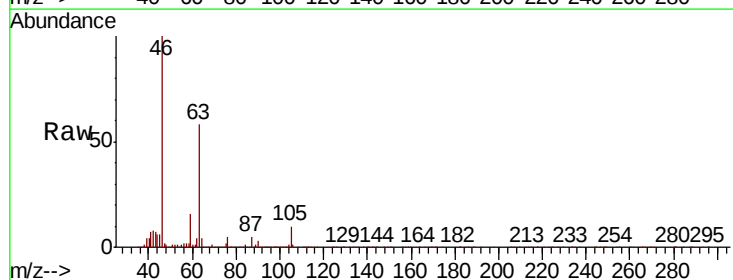
Instrument :
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ClientSampleId :
ESWW4MSD

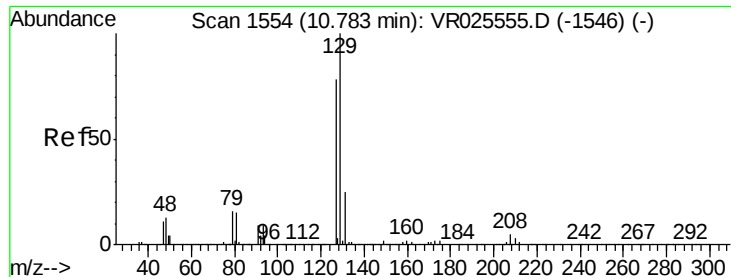
Tgt Ion:	164	Resp:	96818
Ion	Ratio	Lower	Upper
164	100		
129	81.5	63.0	117.0
131	85.7	60.6	112.6
166	122.2	87.6	162.8



#48
2-Hexanone
Concen: 3.461 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025565.D
Acq: 6 Aug 2018 20:54

Tgt Ion:	43	Resp:	21332
Ion	Ratio	Lower	Upper
43	100		
58	27.4	45.0	67.6#
57	33.8	15.8	23.6#
100	5.8	9.3	13.9#





#49

Dibromochloromethane

Concen: 3.930 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.27 min

Lab File: VR025555.D

Acq: 6 Aug 2018 20:54

Instrument :

MSVOA_R

ClientSampleId :

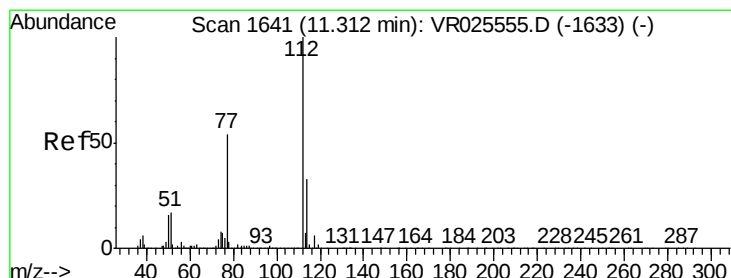
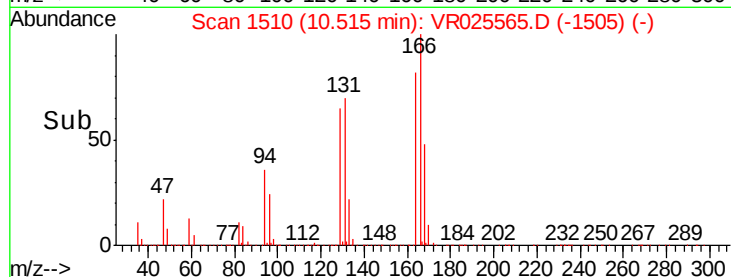
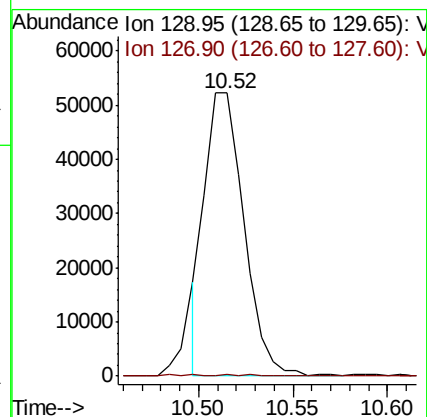
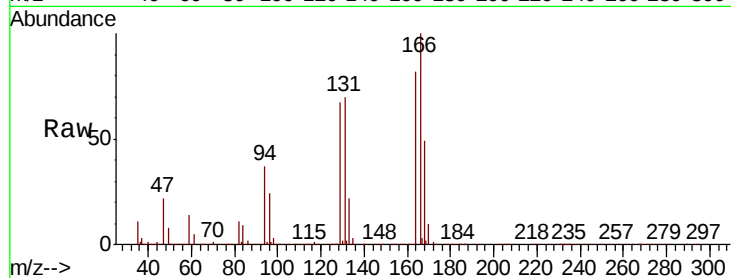
ESWW4MSD

Tgt Ion:129 Resp: 74880

Ion Ratio Lower Upper

129 100

127 0.8 54.3 100.9#



#51

Chlorobenzene

Concen: 4.982 ug/L

RT: 11.31 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VR025555.D

Acq: 6 Aug 2018 20:54

Tgt Ion:112 Resp: 494335

Ion Ratio Lower Upper

112 100

114 30.7 21.8 40.4

77 53.3 41.8 62.8

