

Data File : VR026384.D
Acq On : 26 Feb 2019 10:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 07:31:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	506632	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	414214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	165360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	212956	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	2.62	69	183753	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.61	63	545184	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	6.58	46	184184	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	7.20	84	392503	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.89	65	158889	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	7.85	84	748367	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	8.89	67	190533	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	9.97	98	699591	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	10.23	79	47531	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	10.59	63	151979	57.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74095	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	135899	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	200179	4.682 ug/L	96
3) Chloromethane	2.00	50	243833	4.518 ug/L	99
5) Vinyl chloride	2.15	62	244605	4.675 ug/L	91
6) Bromomethane	2.51	94	136880	4.541 ug/L	98
8) Chloroethane	2.65	64	140333	4.458 ug/L	99
9) Trichlorofluoromethane	2.94	101	349237	5.129 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	3.66	101	196610	4.956 ug/L	96
12) 1,1-Dichloroethene	3.62	96	208535	4.711 ug/L	94
13) Acetone	3.70	43	145977	44.858 ug/L	98
14) Carbon disulfide	3.93	76	652077	4.624 ug/L	97
15) Methyl Acetate	4.19	43	38816	4.215 ug/L	98
16) Methylene chloride	4.40	84	160131	4.140 ug/L	92
17) Methyl tert-butyl Ether	4.90	73	192654	4.652 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	182291	4.515 ug/L	88
19) 1,1-Dichloroethane	5.69	63	337640	4.565 ug/L	99
21) 2-Butanone	6.69	43	182696	44.794 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	166104	4.900 ug/L	93

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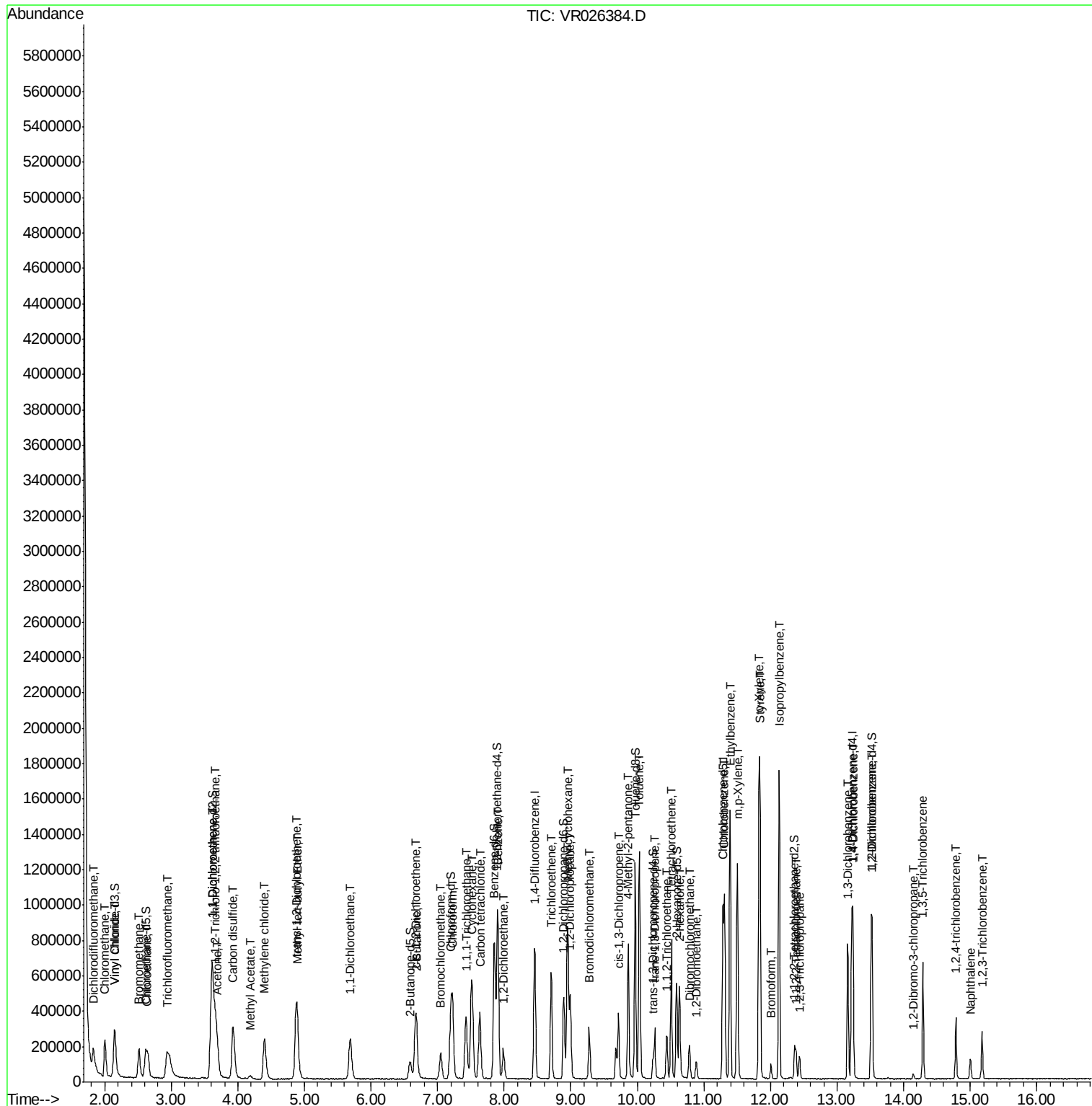
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

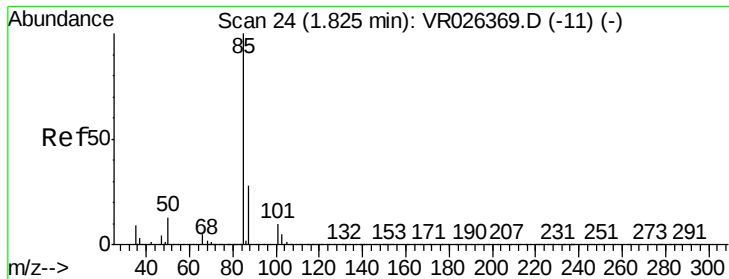
23) Bromochloromethane	7.05	128	45695	4.351	ug/L	87
25) Chloroform	7.23	83	323332	4.559	ug/L	92
27) 1,2-Dichloroethane	7.99	62	153239	4.566	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	291023	4.848	ug/L	99
30) Cyclohexane	7.51	56	304784	5.309	ug/L	96
31) Carbon tetrachloride	7.63	117	274698	4.923	ug/L	98
33) Benzene	7.90	78	743889	4.673	ug/L	100
34) Trichloroethene	8.71	95	187673	4.687	ug/L	97
35) Methylcyclohexane	8.95	83	300093	5.284	ug/L	100
37) 1,2-Dichloropropane	8.99	63	152502	4.511	ug/L	98
38) Bromodichloromethane	9.28	83	174059	4.491	ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	178587	4.837	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	472238	51.093	ug/L	99
42) Toluene	10.03	91	772810	4.833	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	127560	4.739	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	62587	4.482	ug/L	90
47) Tetrachloroethene	10.51	164	134841	4.644	ug/L	95
48) 2-Hexanone	10.63	43	321595	50.355	ug/L	98
49) Dibromochloromethane	10.78	129	80693	4.648	ug/L	93
50) 1,2-Dibromoethane	10.88	107	51011	4.686	ug/L #	94
51) Chlorobenzene	11.31	112	406286	4.648	ug/L	98
52) Ethylbenzene	11.39	91	918952	5.114	ug/L	99
53) m,p-Xylene	11.50	106	324778	5.070	ug/L	96
54) o-Xylene	11.83	106	293515	5.250	ug/L	100
55) Styrene	11.84	104	452570	5.121	ug/L	99
56) Isopropylbenzene	12.13	105	875838	5.516	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	59298	4.661	ug/L #	92
59) 1,2,3-Trichloropropane	12.43	75	46935	5.039	ug/L	97
61) Bromoform	12.01	173	31807	4.148	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	236115	4.701	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	260467	4.670	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	198861	4.785	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	6274	4.057	ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	146772	4.716	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	84577	4.734	ug/L	98
69) Naphthalene	15.00	128	73720	4.470	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	61396	4.879	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 4.682 ug/L

RT: 1.83 min Scan# 25

Delta R.T. 0.01 min

Lab File: VR026384.D

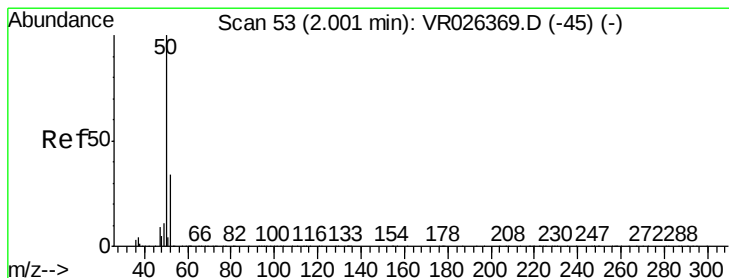
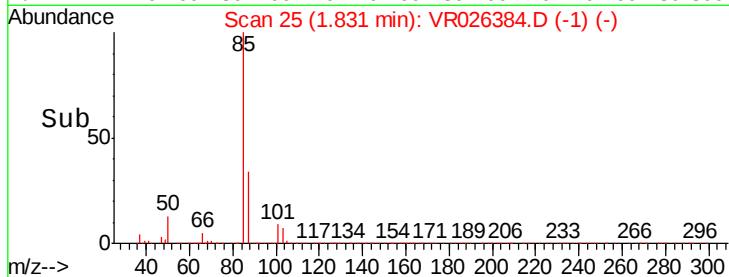
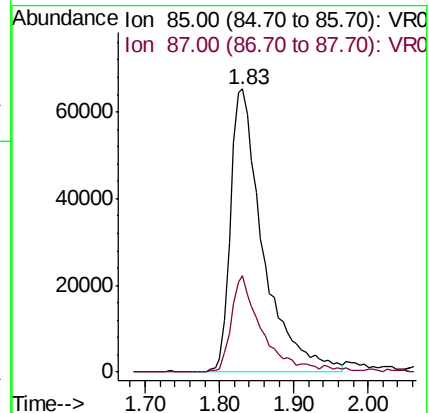
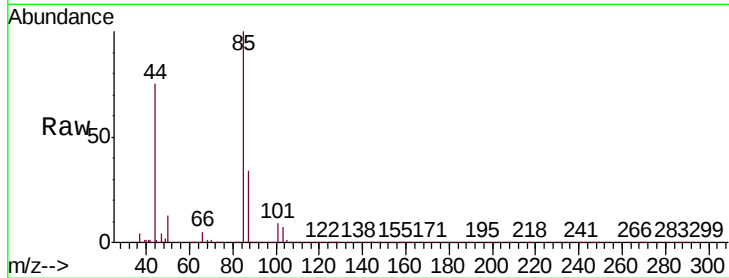
Acq: 26 Feb 2019 10:19

Tgt Ion: 85 Resp: 200179

Ion Ratio Lower Upper

85 100

87 31.0 26.6 40.0



#3

Chloromethane

Concen: 4.518 ug/L

RT: 2.00 min Scan# 53

Delta R.T. -0.00 min

Lab File: VR026384.D

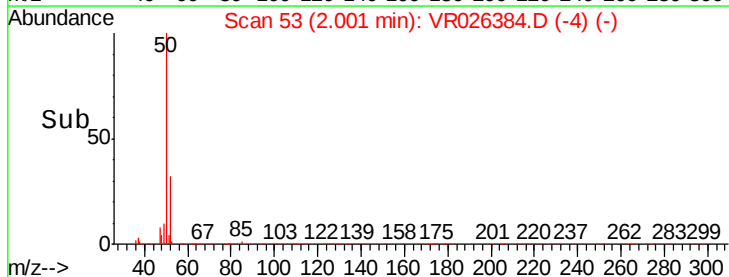
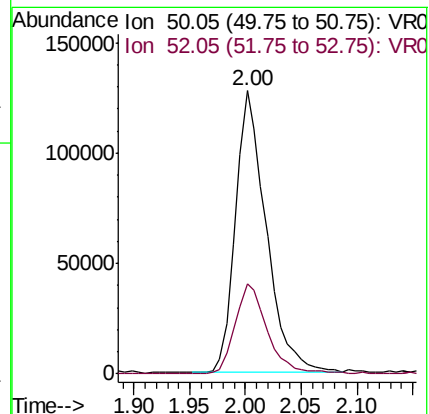
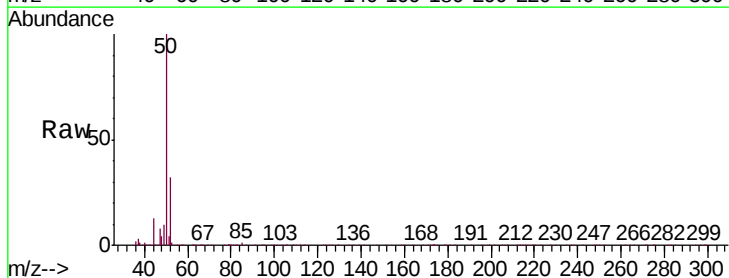
Acq: 26 Feb 2019 10:19

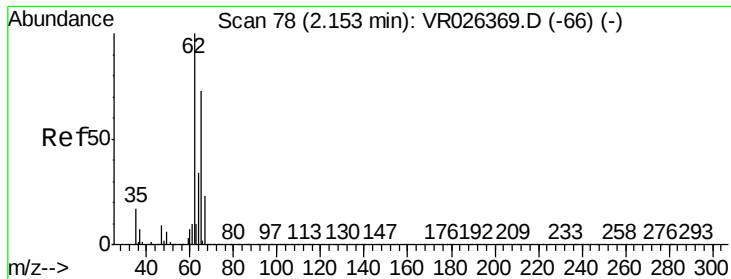
Tgt Ion: 50 Resp: 243833

Ion Ratio Lower Upper

50 100

52 31.7 22.7 42.3





#5

Vinyl chloride

Concen: 4.675 ug/L

RT: 2.15 min Scan# 78

Delta R.T. -0.00 min

Lab File: VR026384.D

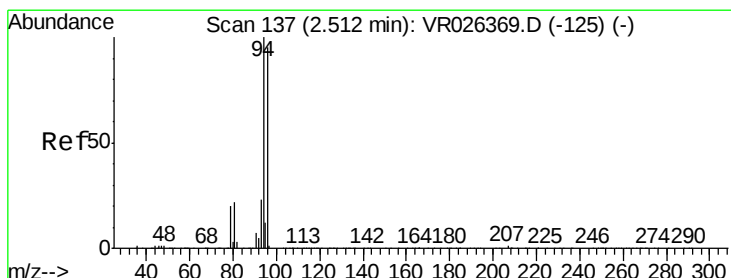
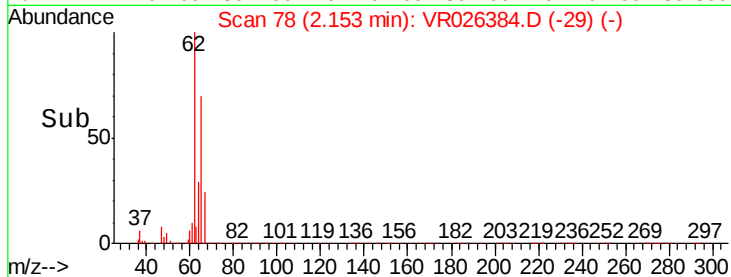
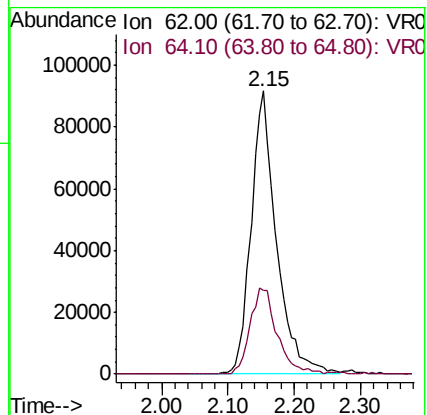
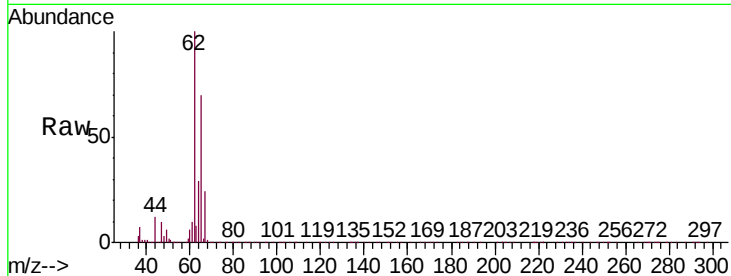
Acq: 26 Feb 2019 10:19

Tgt Ion: 62 Resp: 244605

Ion Ratio Lower Upper

62 100

64 29.4 24.1 44.7



#6

Bromomethane

Concen: 4.541 ug/L

RT: 2.51 min Scan# 137

Delta R.T. -0.00 min

Lab File: VR026384.D

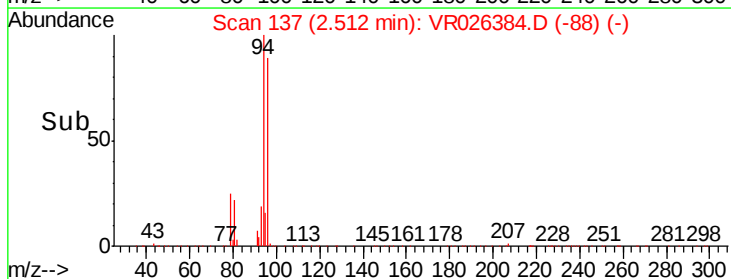
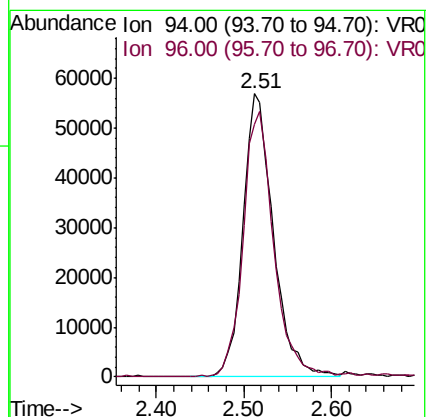
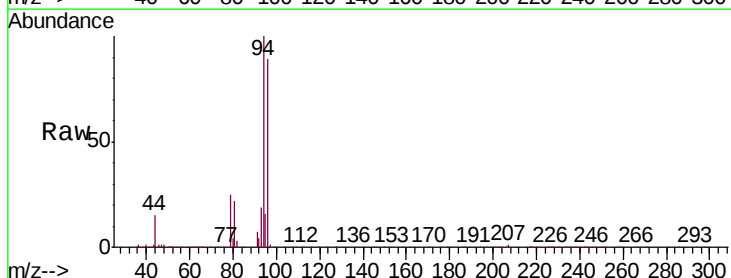
Acq: 26 Feb 2019 10:19

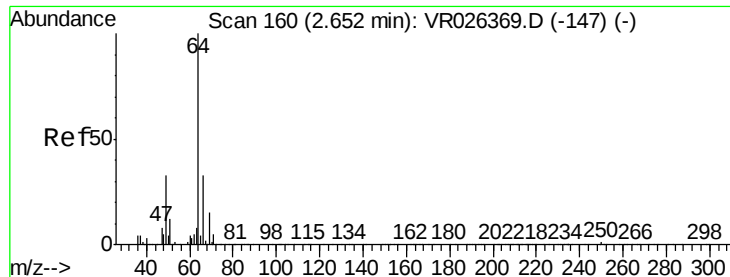
Tgt Ion: 94 Resp: 136880

Ion Ratio Lower Upper

94 100

96 89.4 64.3 119.3





#8

Chloroethane

Concen: 4.458 ug/L

RT: 2.65 min Scan# 159

Delta R.T. -0.01 min

Lab File: VR026384.D

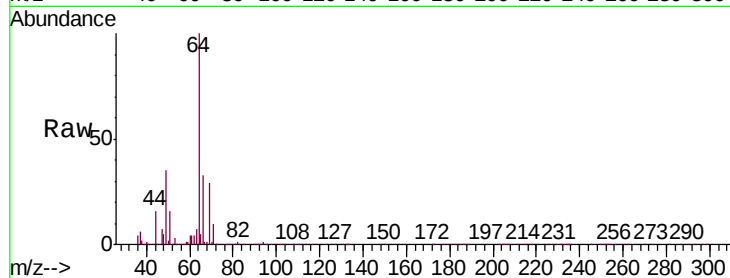
Acq: 26 Feb 2019 10:19

Tgt Ion: 64 Resp: 140333

Ion Ratio Lower Upper

64 100

66 33.1 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0

2.65

60000

50000

40000

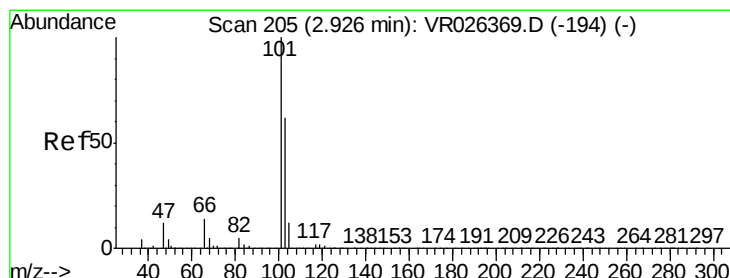
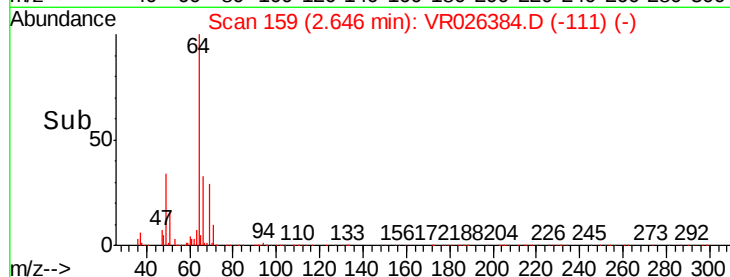
30000

20000

10000

0

Time-->



#9

Trichlorofluoromethane

Concen: 5.129 ug/L

RT: 2.94 min Scan# 207

Delta R.T. 0.01 min

Lab File: VR026384.D

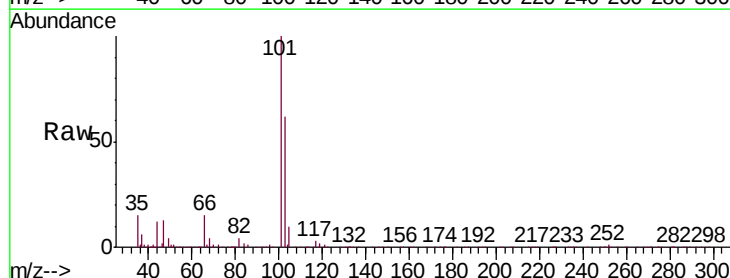
Acq: 26 Feb 2019 10:19

Tgt Ion: 101 Resp: 349237

Ion Ratio Lower Upper

101 100

103 27.0 52.6 78.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.94

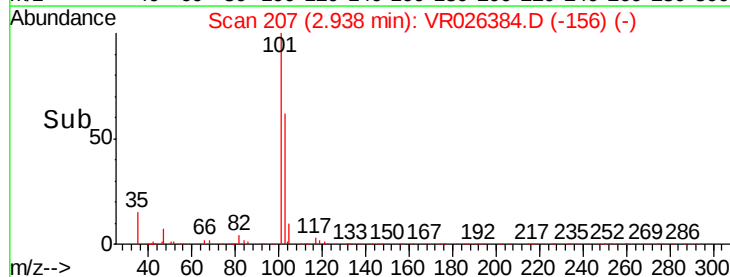
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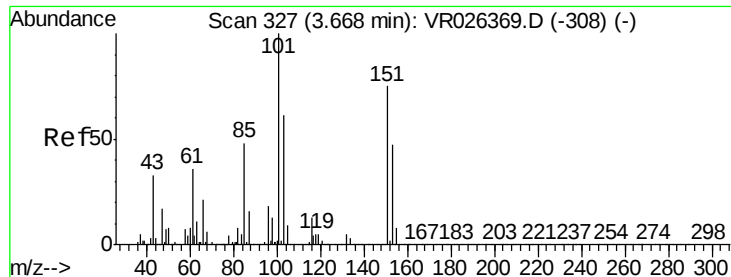
40000

20000

0

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.956 ug/L

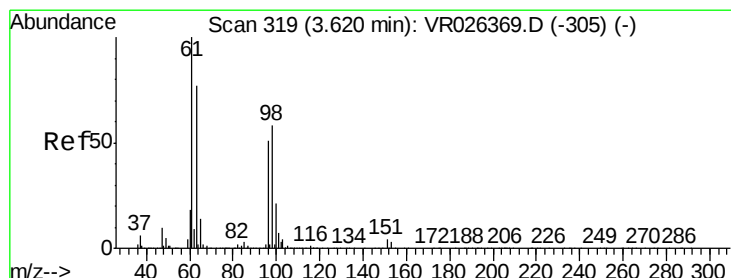
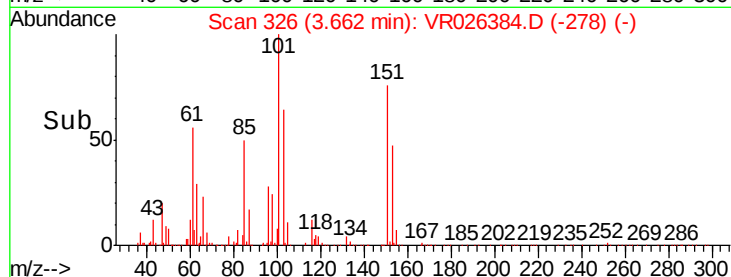
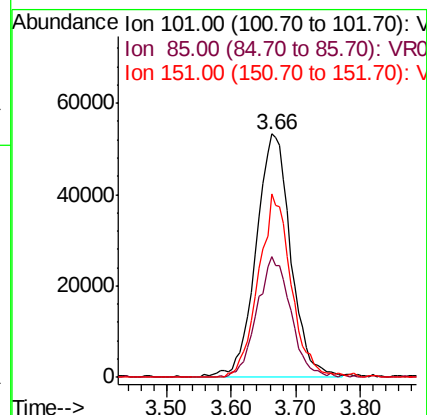
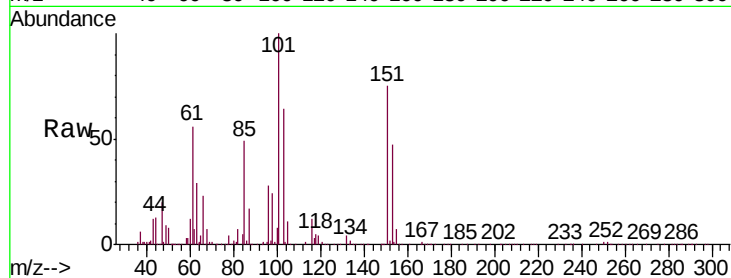
RT: 3.66 min Scan# 326

Delta R.T. -0.01 min

Lab File: VR026384.D

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Tgt Ion:	101	Resp:	196610
Ion	Ratio	Lower	Upper
101	100		
85	48.4	39.8	59.8
151	71.4	60.8	91.2



#12

1,1-Dichloroethene

Concen: 4.711 ug/L

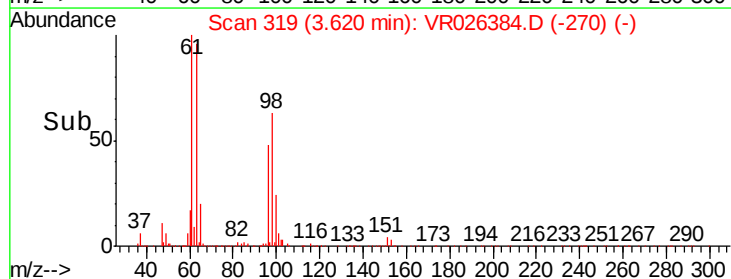
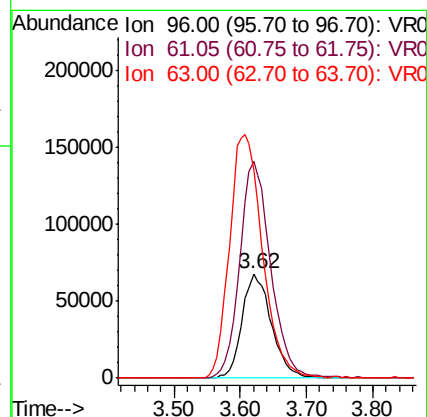
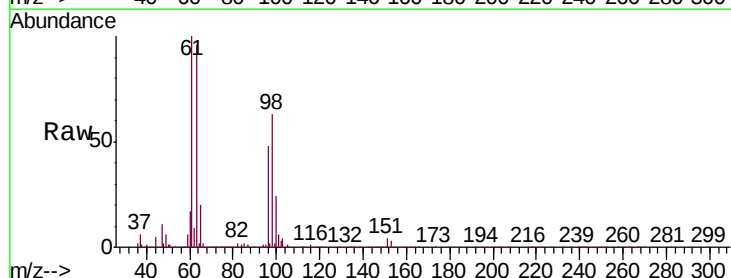
RT: 3.62 min Scan# 319

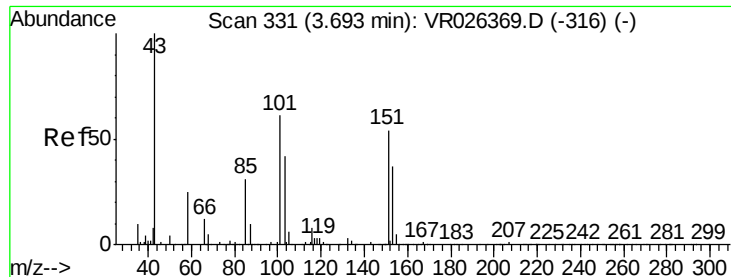
Delta R.T. 0.00 min

Lab File: VR026384.D

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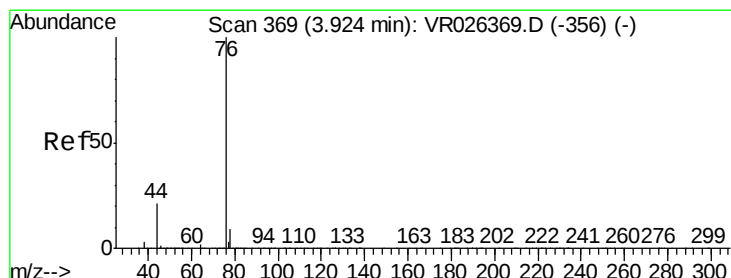
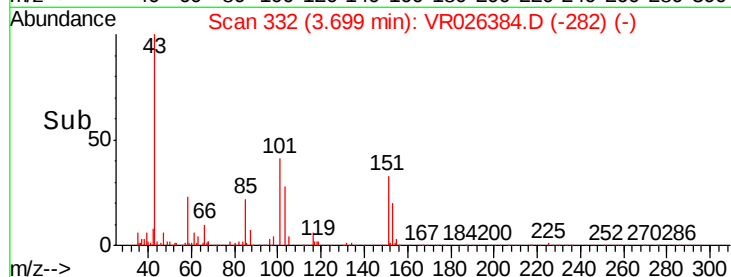
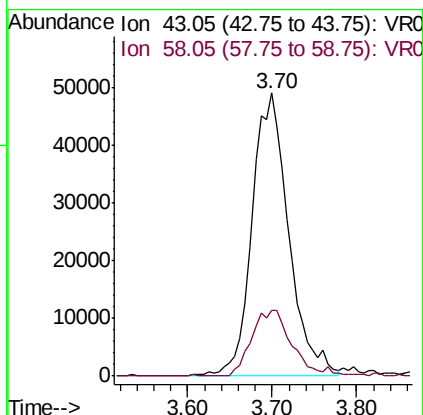
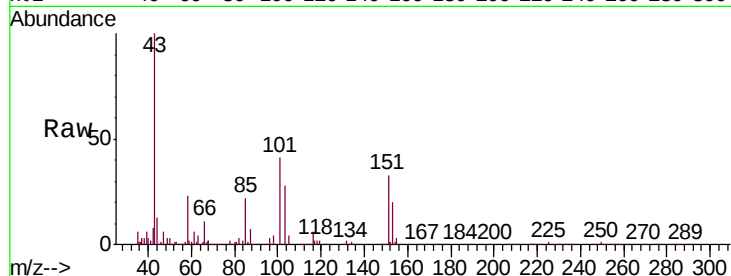
Tgt Ion:	96	Resp:	208535
Ion	Ratio	Lower	Upper
96	100		
61	207.5	135.9	252.5
63	199.1	136.6	253.6





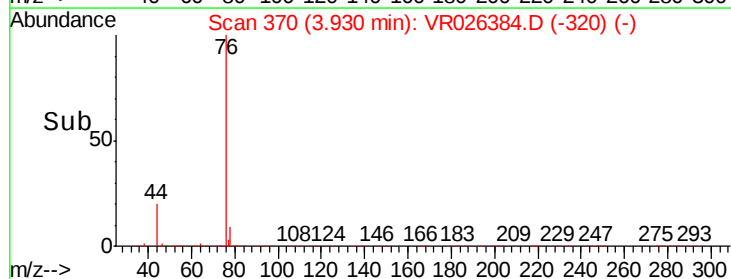
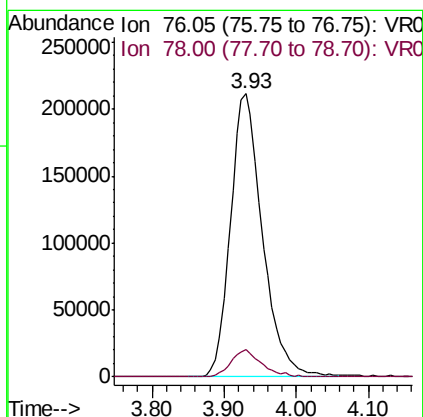
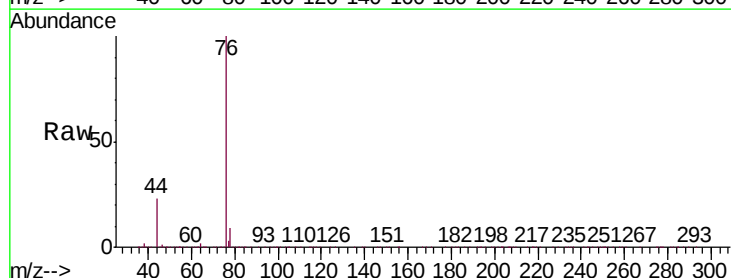
#13
Acetone
Concen: 44.858 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

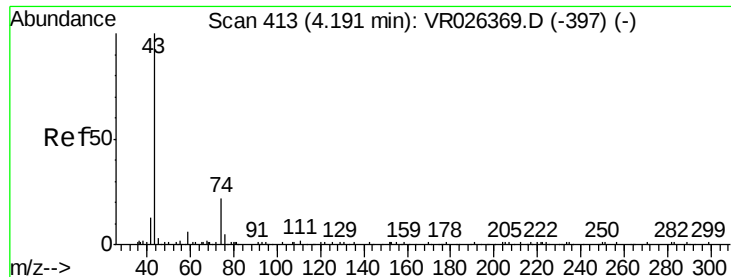
Tgt Ion: 43 Resp: 145977
Ion Ratio Lower Upper
43 100
58 24.9 0.0 52.2



#14
Carbon disulfide
Concen: 4.624 ug/L
RT: 3.93 min Scan# 370
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

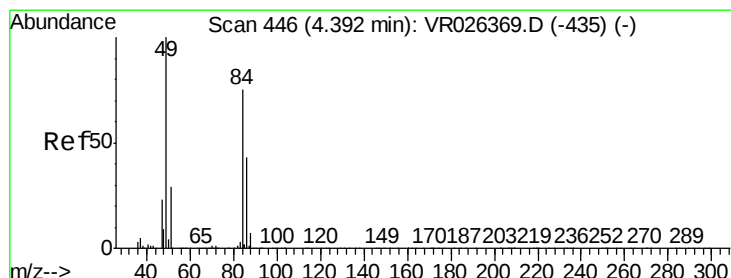
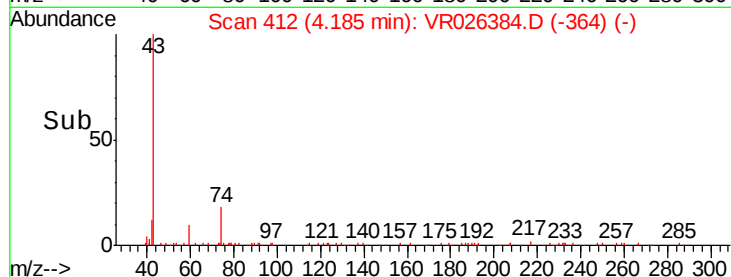
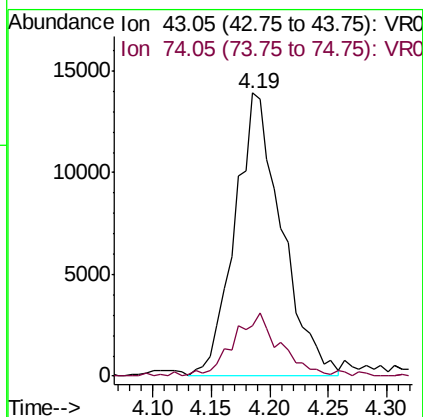
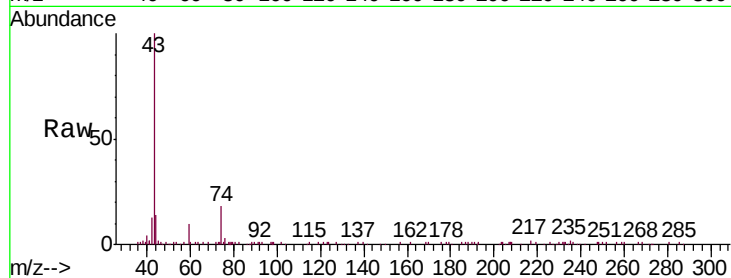
Tgt Ion: 76 Resp: 652077
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1





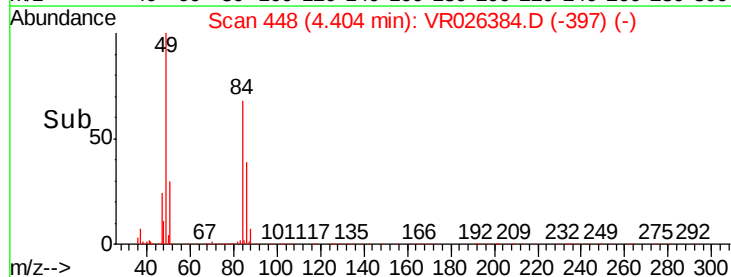
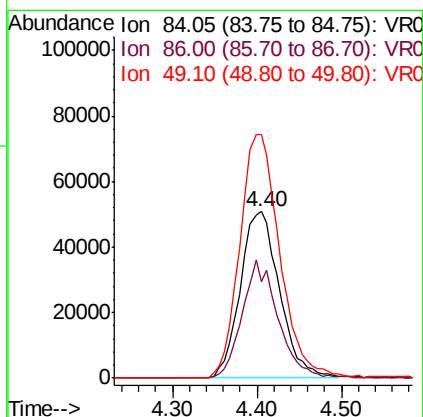
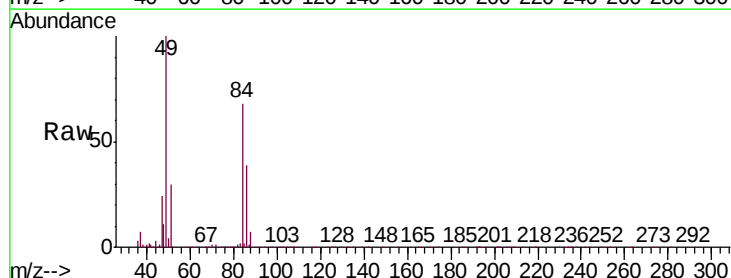
#15
Methyl Acetate
Concen: 4.215 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

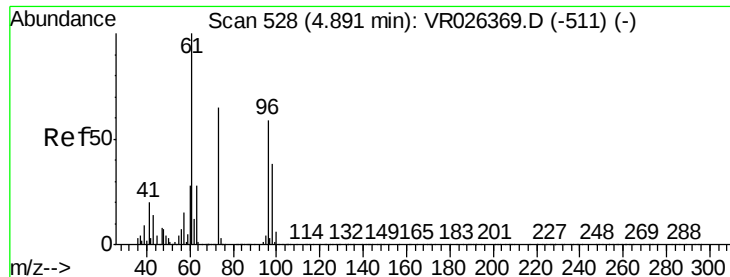
Tgt Ion: 43 Resp: 38816
Ion Ratio Lower Upper
43 100
74 22.0 16.6 25.0



#16
Methylene chloride
Concen: 4.140 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

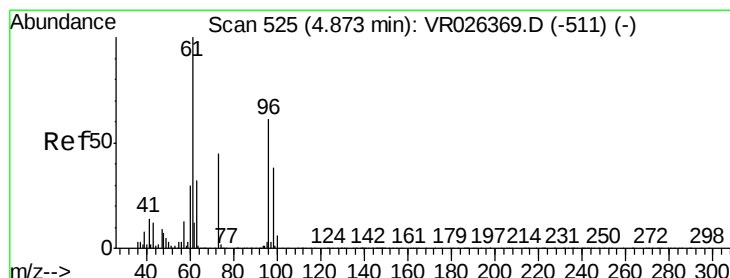
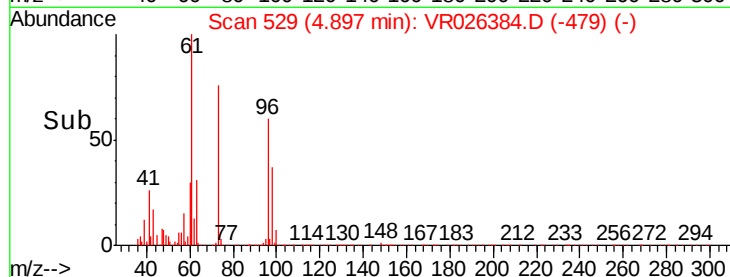
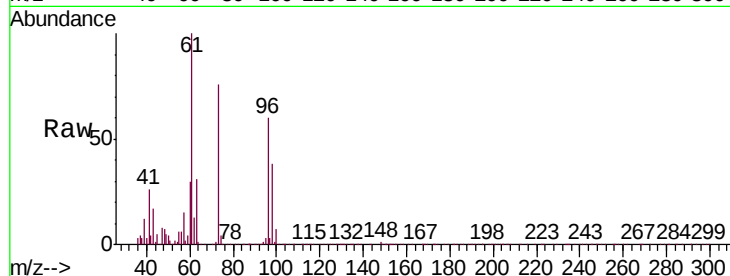
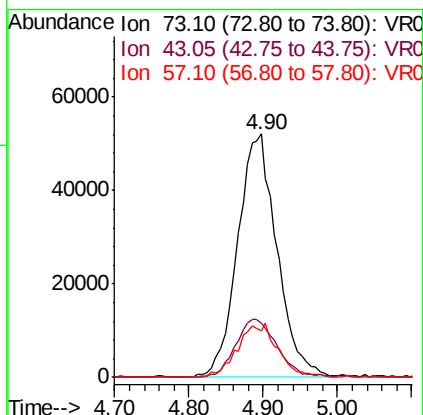
Tgt Ion: 84 Resp: 160131
Ion Ratio Lower Upper
84 100
86 57.5 42.1 78.3
49 146.2 93.8 174.2





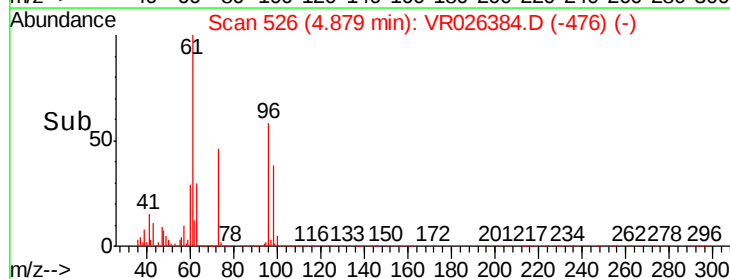
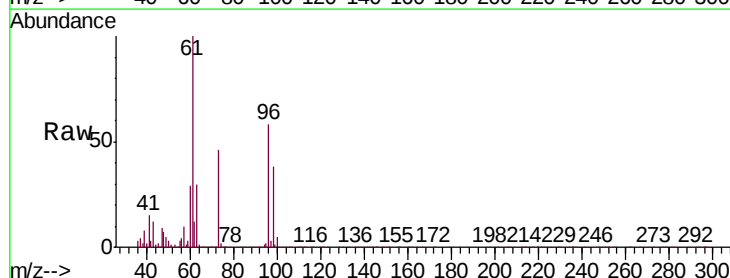
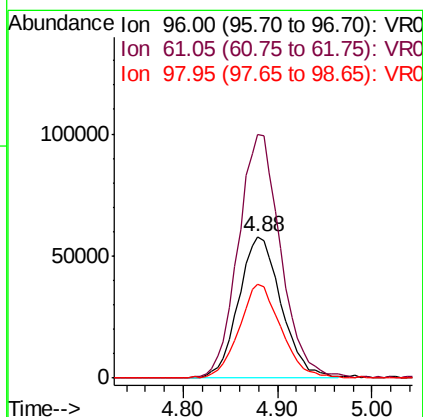
#17
Methyl tert-butyl Ether
Concen: 4.652 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

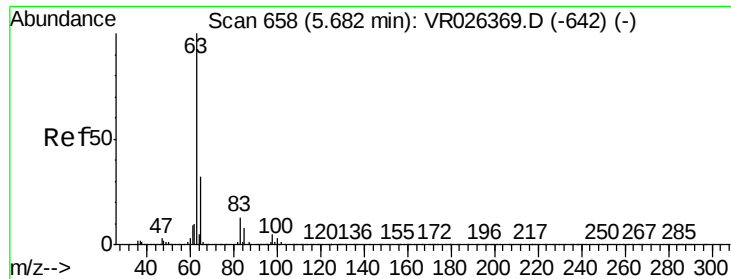
Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.7	19.4	29.2
57	22.7	19.4	29.0



#18
trans-1,2-Dichloroethene
Concen: 4.515 ug/L
RT: 4.88 min Scan# 526
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	109.4	203.2
98	66.1	39.7	73.7





#19

1,1-Dichloroethane

Concen: 4.565 ug/L

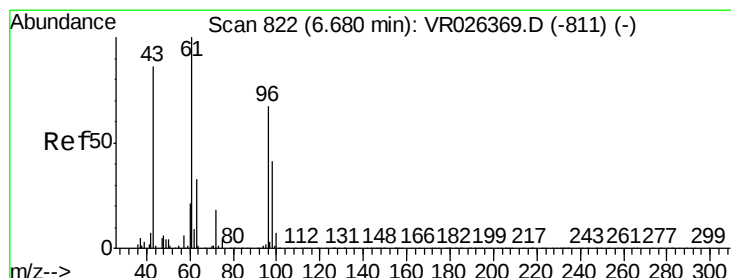
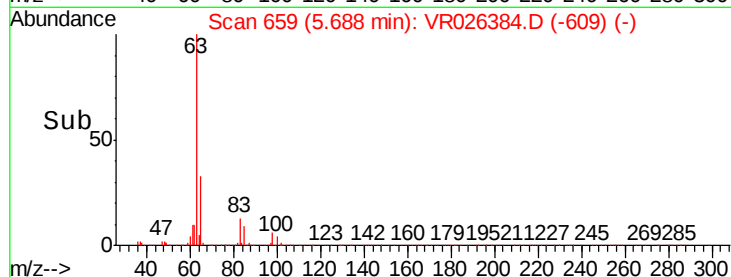
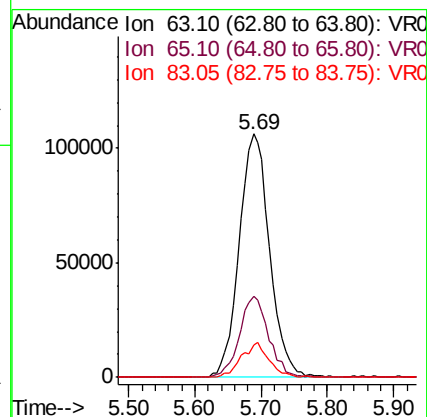
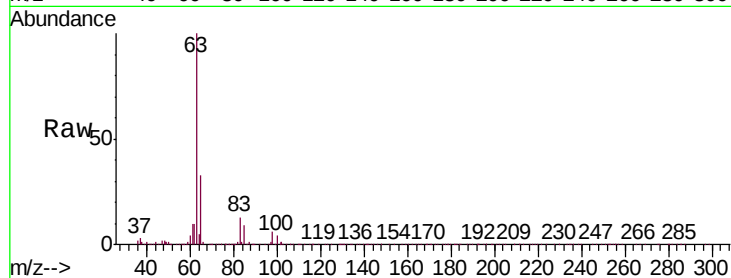
RT: 5.69 min Scan# 659

Delta R.T. 0.01 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

Tgt Ion:	63	Resp:	337640
Ion	Ratio	Lower	Upper
63	100		
65	33.2	23.6	43.8
83	13.2	8.8	16.4



#21

2-Butanone

Concen: 44.794 ug/L

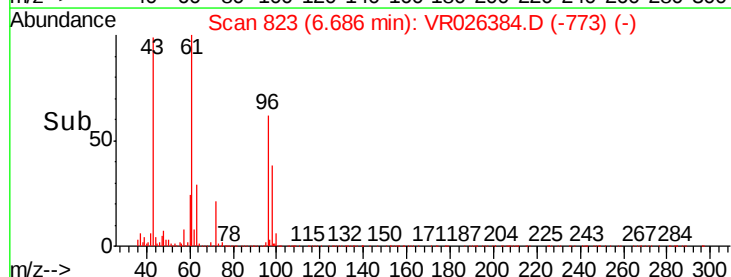
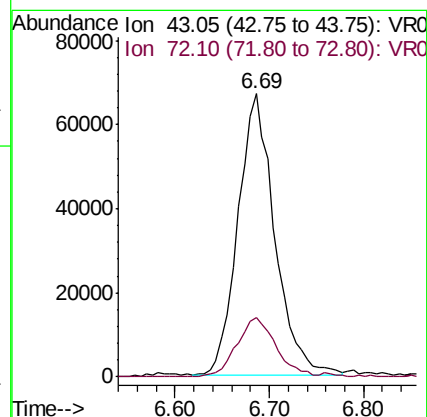
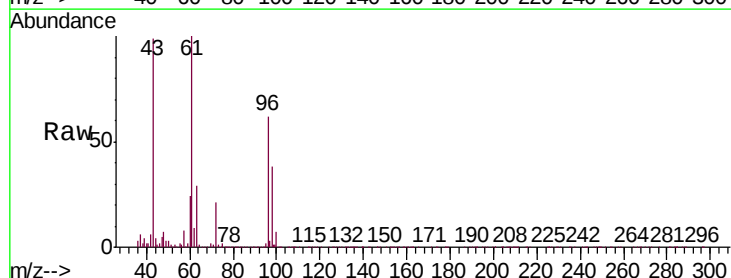
RT: 6.69 min Scan# 823

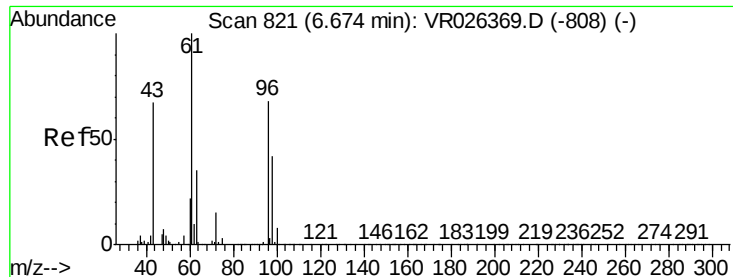
Delta R.T. 0.01 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

Tgt Ion:	43	Resp:	182696
Ion	Ratio	Lower	Upper
43	100		
72	22.4	10.8	32.4

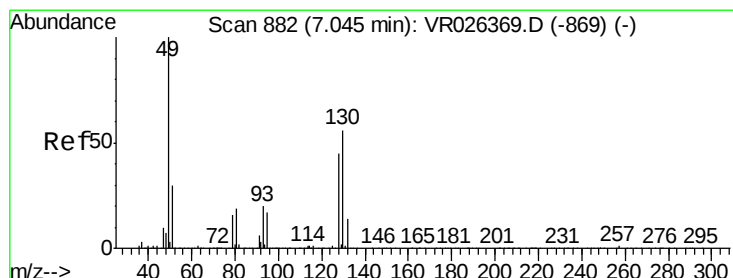
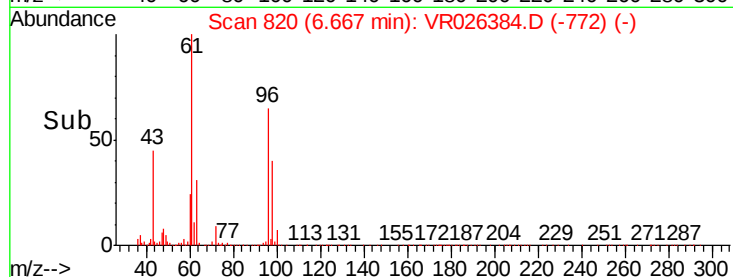
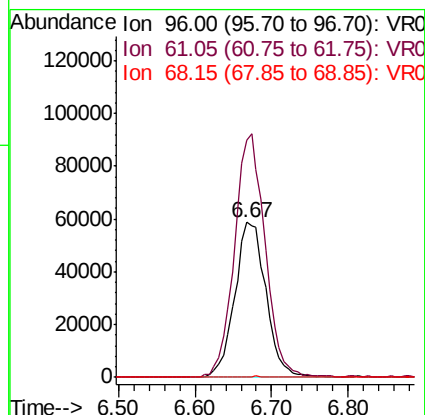
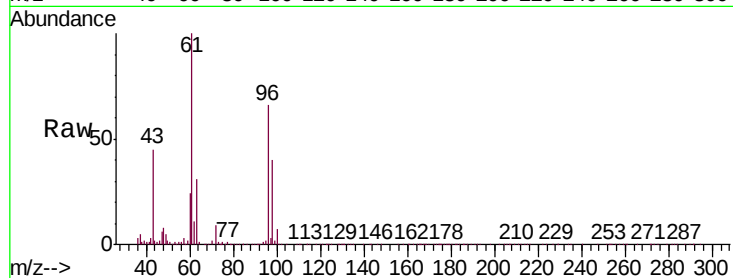




#22

cis-1,2-Dichloroethene
Concen: 4.900 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

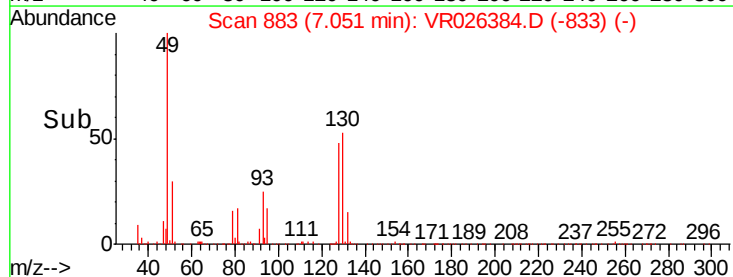
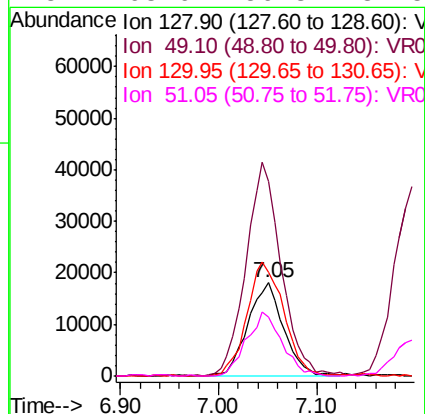
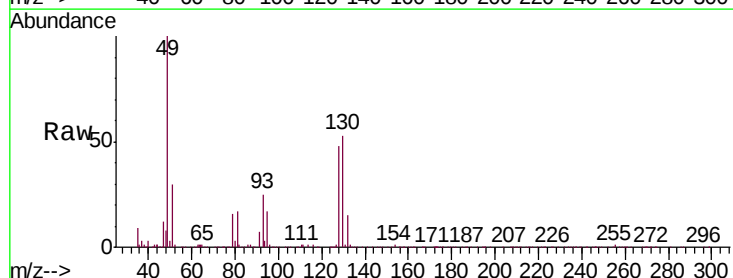
Tgt Ion: 96 Resp: 166104
Ion Ratio Lower Upper
96 100
61 152.6 100.8 187.2
68 0.1 0.1 0.1

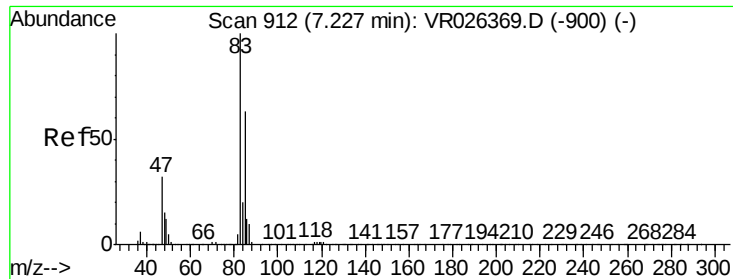


#23

Bromochloromethane
Concen: 4.351 ug/L
RT: 7.05 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

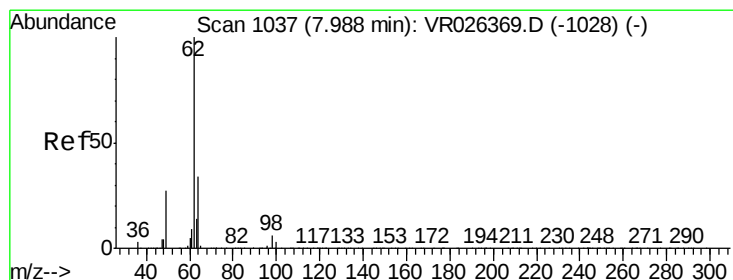
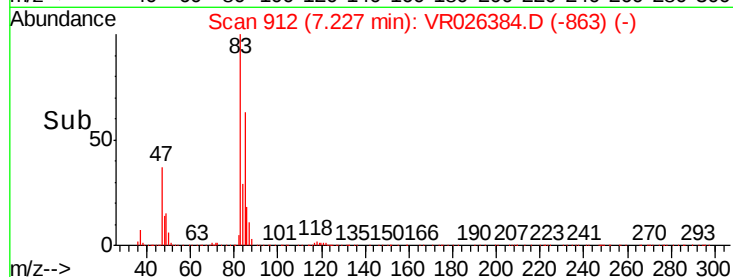
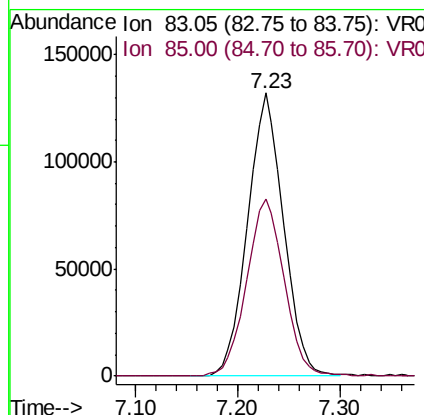
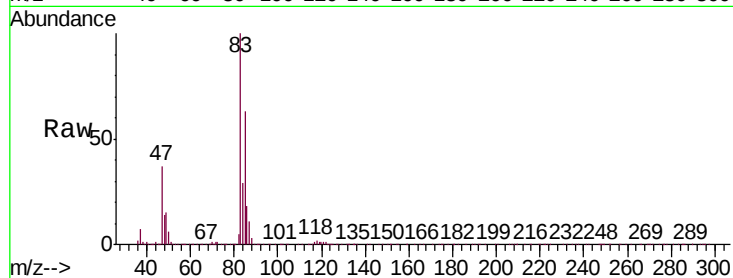
Tgt Ion: 128 Resp: 45695
Ion Ratio Lower Upper
128 100
49 209.8 161.6 300.0
130 111.8 92.3 171.5
51 63.6 56.3 84.5





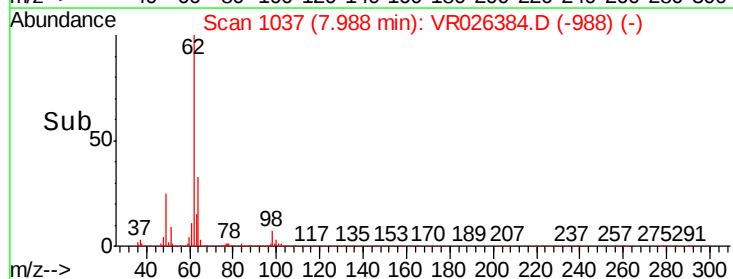
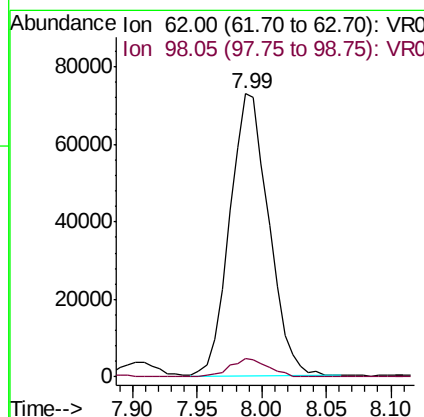
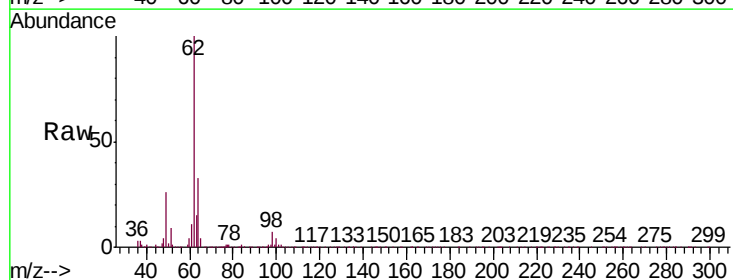
#25
Chloroform
Concen: 4.559 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

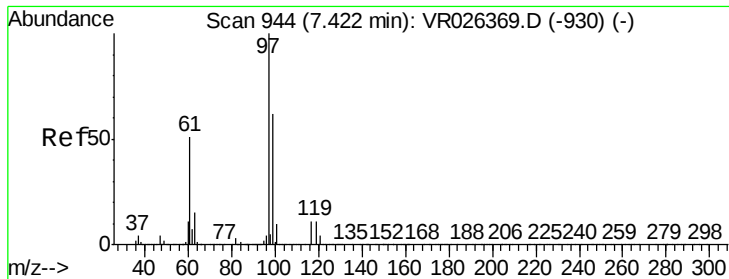
Tgt Ion: 83 Resp: 323332
Ion Ratio Lower Upper
83 100
85 62.7 48.6 90.2



#27
1,2-Dichloroethane
Concen: 4.566 ug/L
RT: 7.99 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

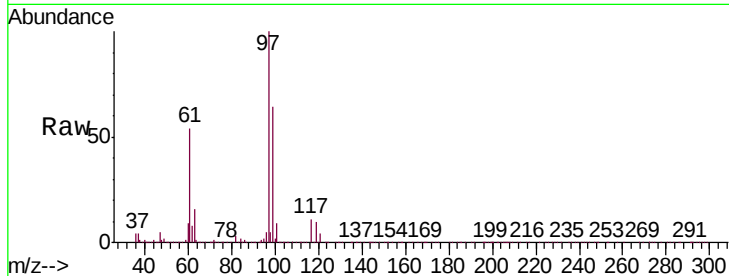
Tgt Ion: 62 Resp: 153239
Ion Ratio Lower Upper
62 100
98 6.5 5.7 8.5



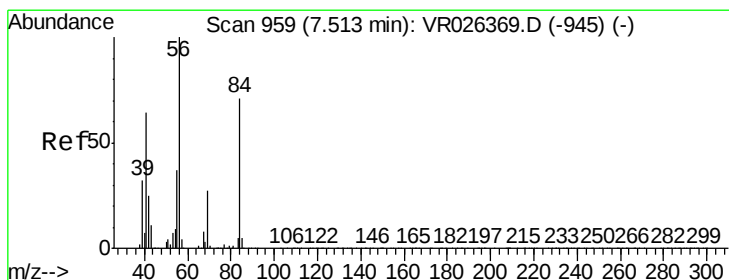
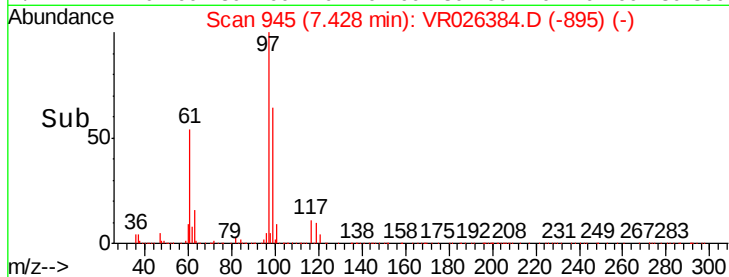
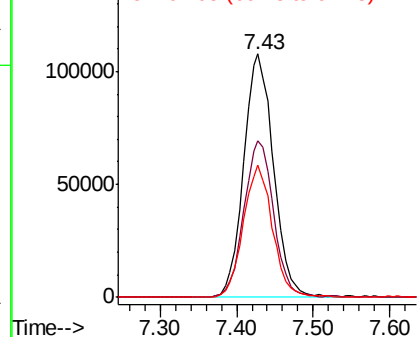


#29
1,1,1-Trichloroethane
Concen: 4.848 ug/L
RT: 7.43 min Scan# 945
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:	97	Resp:	291023
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	53.1	41.8	62.6

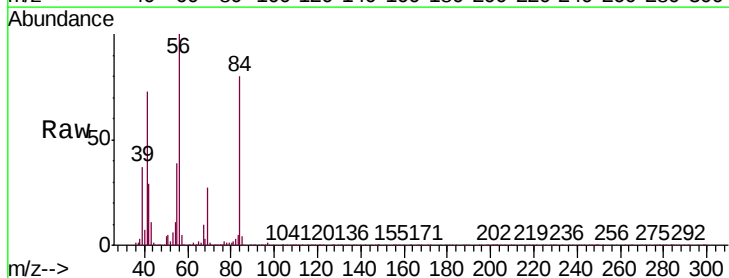


Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

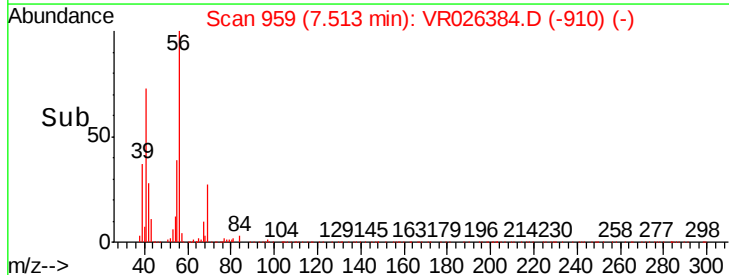
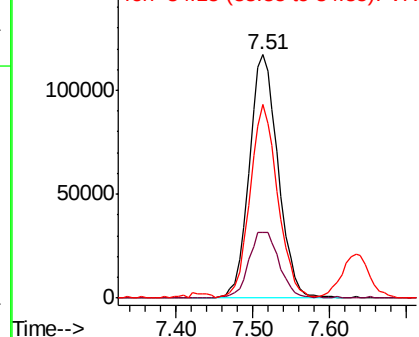


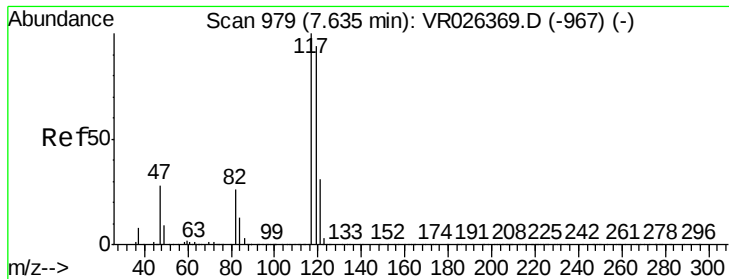
#30
Cyclohexane
Concen: 5.309 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:	56	Resp:	304784
Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.6	34.0
84	76.9	58.2	87.2



Abundance Ion 56.10 (55.80 to 56.80): VR0
Ion 69.15 (68.85 to 69.85): VR0
Ion 84.15 (83.85 to 84.85): VR0

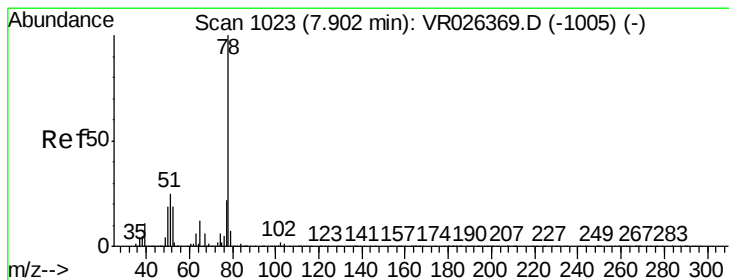
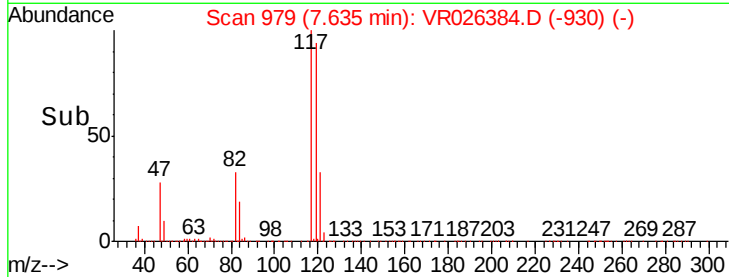
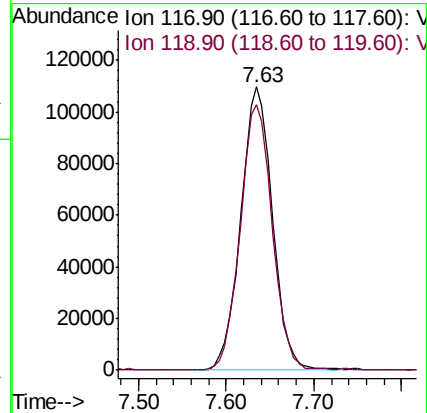
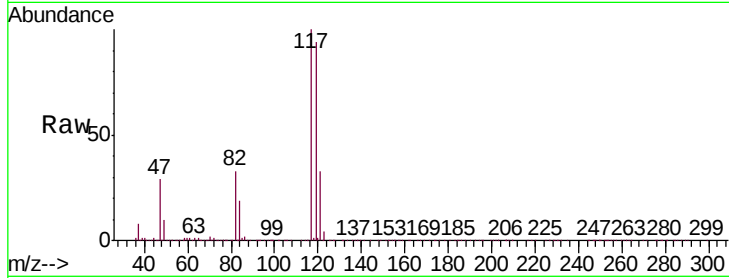




#31

Carbon tetrachloride
Concen: 4.923 ug/L
RT: 7.63 min Scan# 979
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

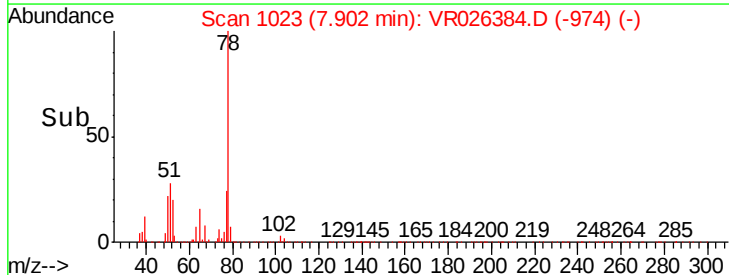
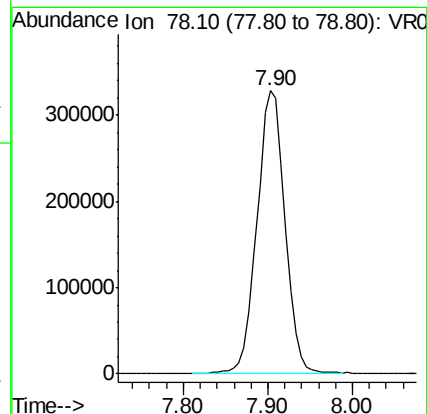
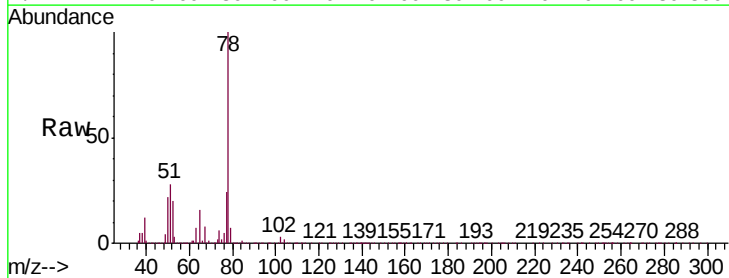
Tgt Ion: 117 Resp: 274698
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6

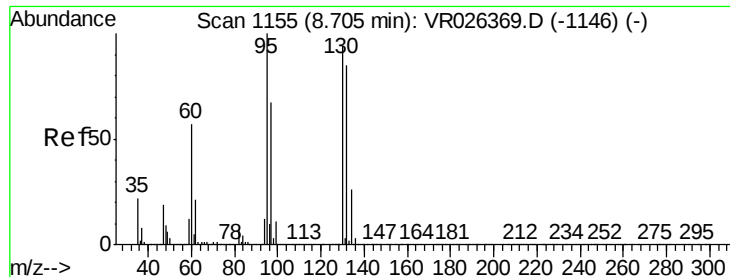


#33

Benzene
Concen: 4.673 ug/L
RT: 7.90 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion: 78 Resp: 743889





#34

Trichloroethene

Concen: 4.687 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

Tgt Ion: 95 Resp: 187673

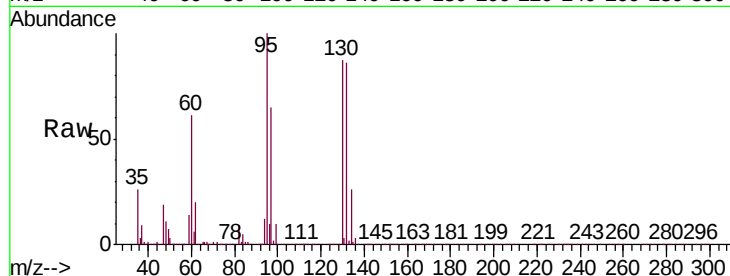
Ion Ratio Lower Upper

95 100

97 65.5 43.5 80.7

132 86.4 58.6 108.8

130 87.0 59.4 110.2

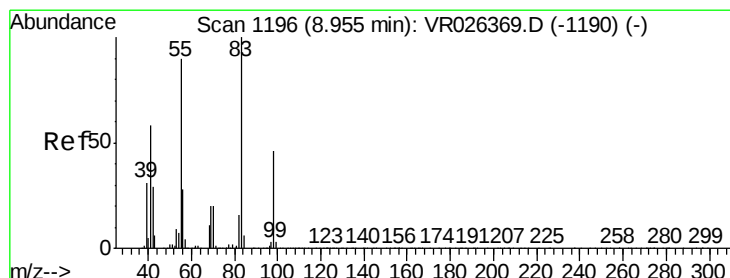
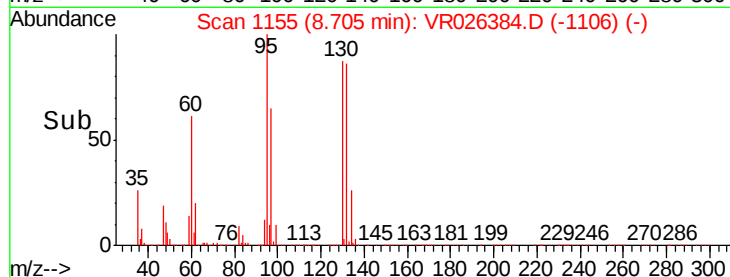
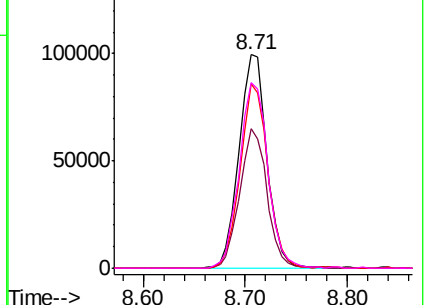


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.284 ug/L

RT: 8.95 min Scan# 1196

Delta R.T. -0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

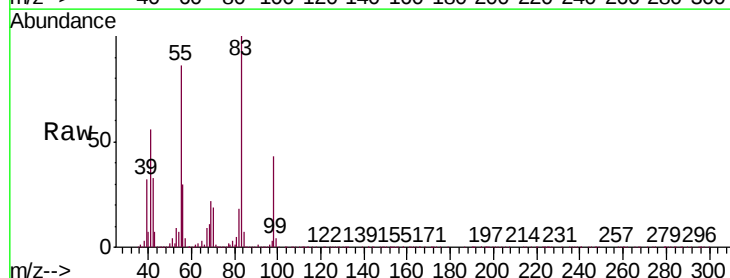
Tgt Ion: 83 Resp: 300093

Ion Ratio Lower Upper

83 100

55 90.6 72.2 108.2

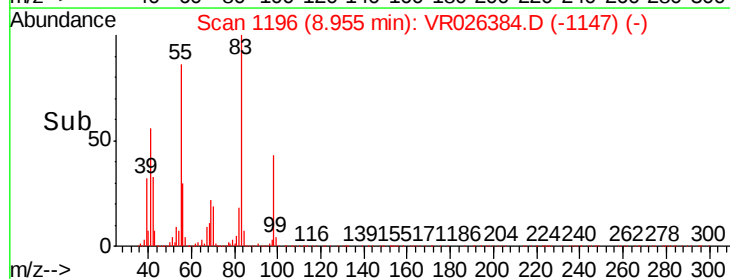
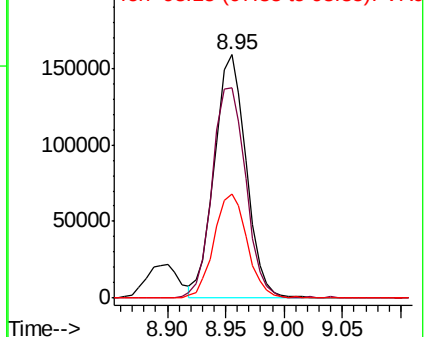
98 44.0 35.0 52.4

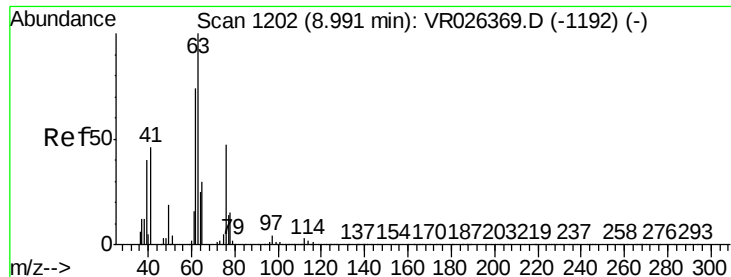


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 4.511 ug/L

RT: 8.99 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VR026384.D

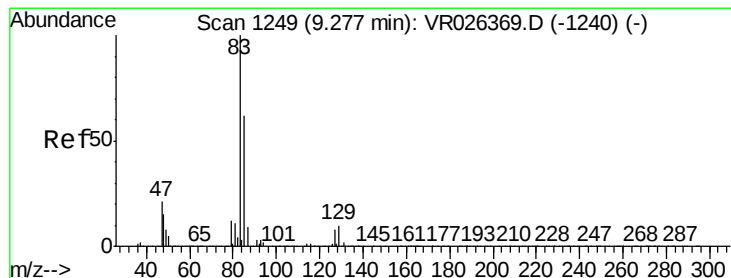
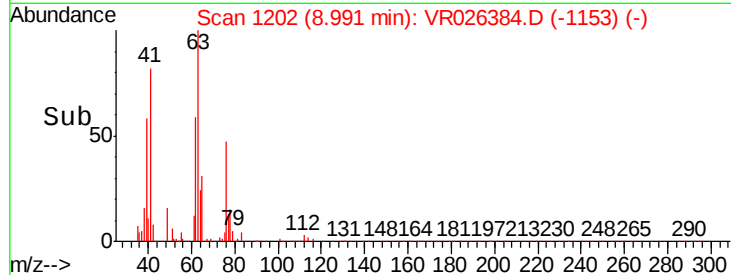
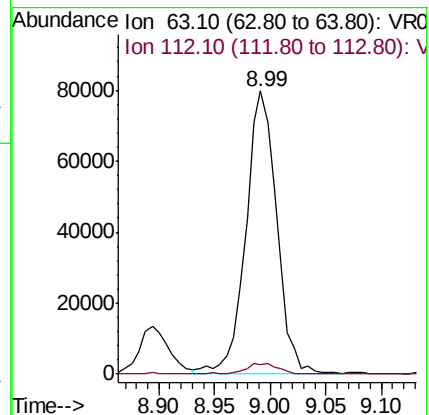
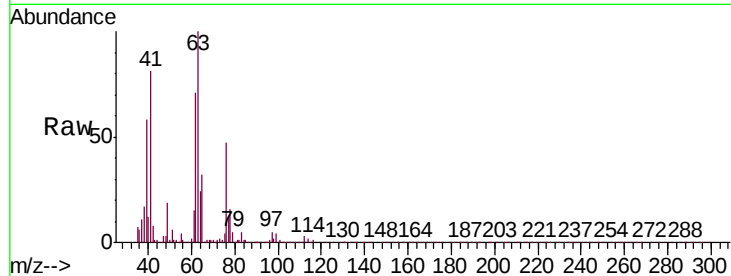
Acq: 26 Feb 2019 10:19

Tgt Ion: 63 Resp: 152502

Ion Ratio Lower Upper

63 100

112 3.8 3.6 5.4



#38

Bromodichloromethane

Concen: 4.491 ug/L

RT: 9.28 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

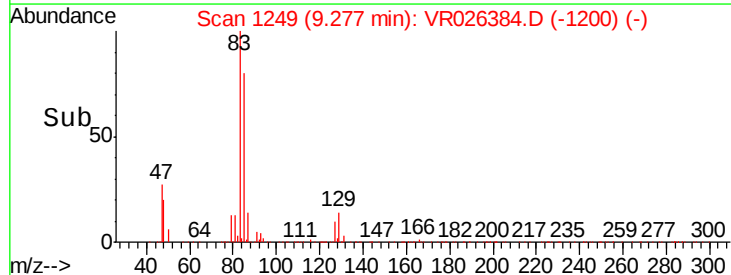
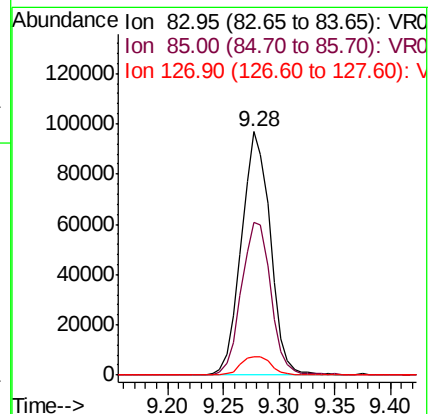
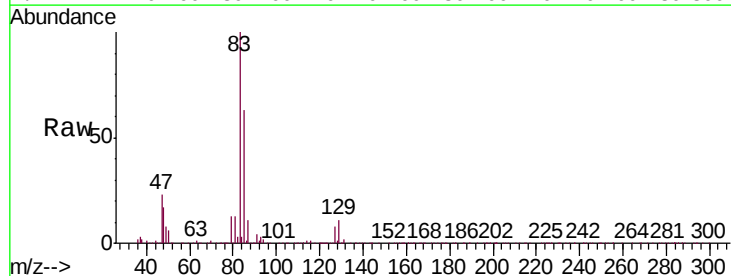
Tgt Ion: 83 Resp: 174059

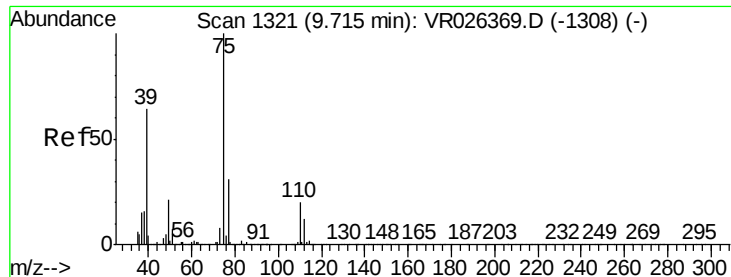
Ion Ratio Lower Upper

83 100

85 62.9 41.0 76.2

127 7.7 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 4.837 ug/L

RT: 9.72 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VR026384.D

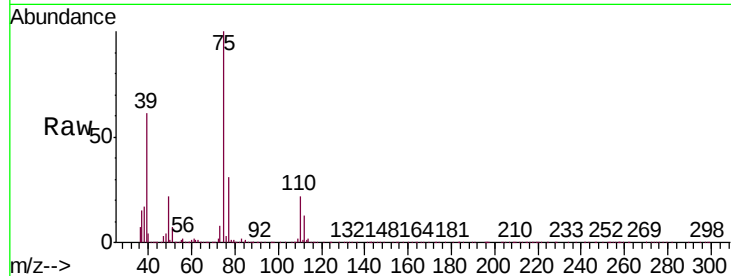
Acq: 26 Feb 2019 10:19

Tgt Ion: 75 Resp: 178587

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

120000

100000

80000

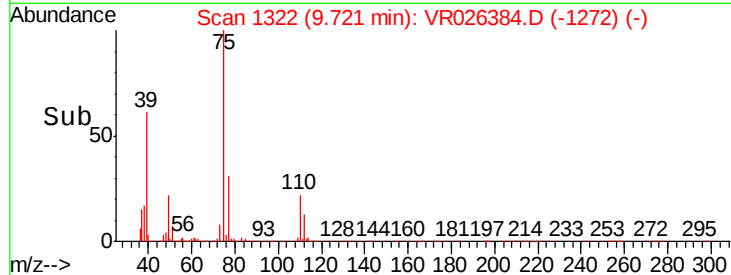
60000

40000

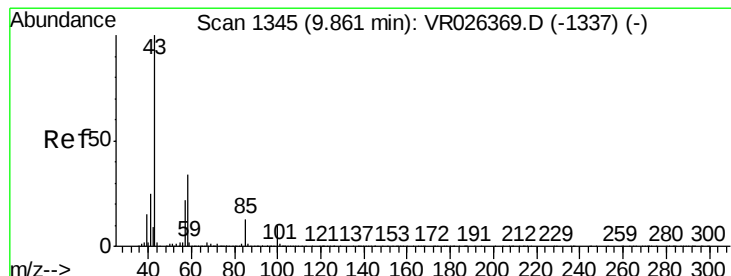
20000

0

9.60 9.65 9.70 9.75 9.80



Time-->



#40

4-Methyl-2-pentanone

Concen: 51.093 ug/L

RT: 9.86 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

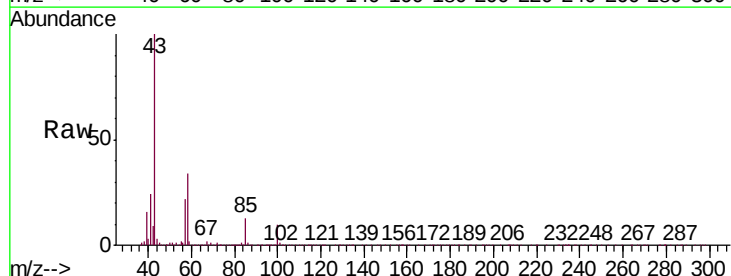
Tgt Ion: 43 Resp: 472238

Ion Ratio Lower Upper

43 100

58 32.9 26.7 40.1

100 10.2 8.4 12.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 100.15 (99.85 to 100.85): VR0

400000

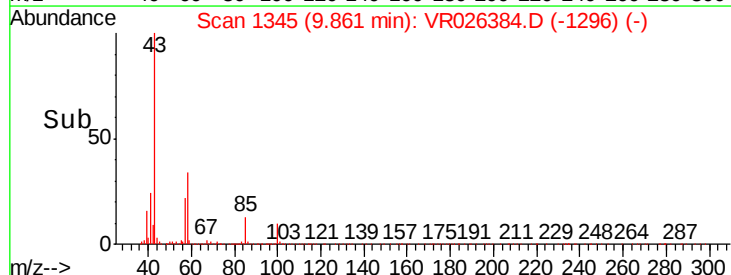
300000

200000

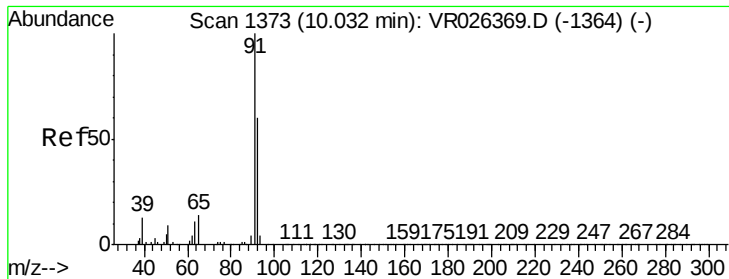
100000

0

9.80 9.90



Time-->



#42

Toluene

Concen: 4.833 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. 0.00 min

Lab File: VR026384.D

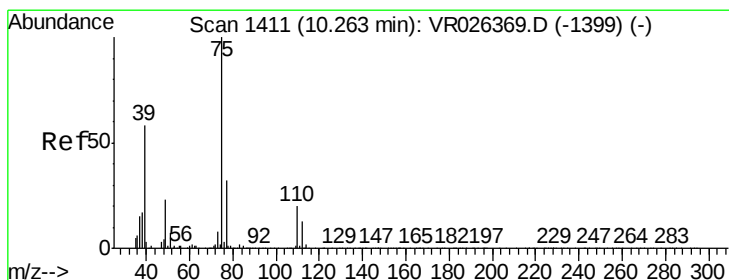
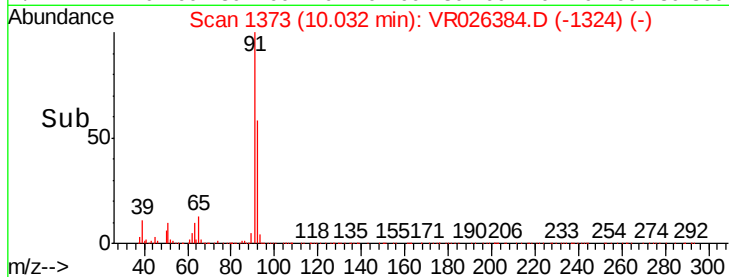
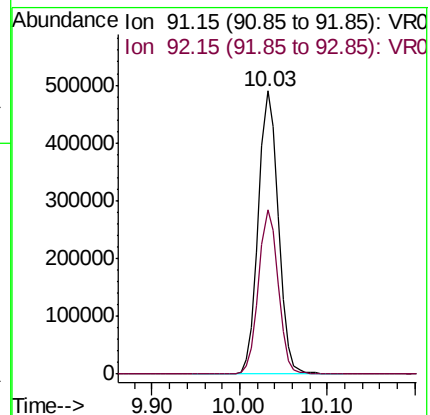
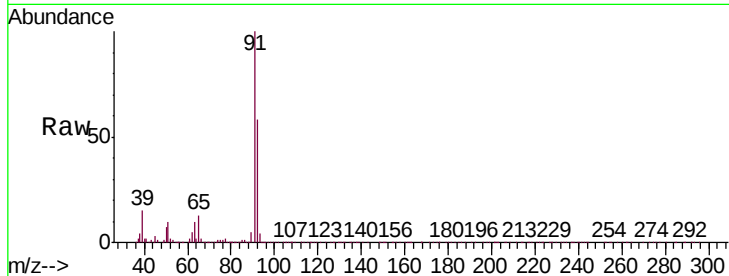
Acq: 26 Feb 2019 10:19

Tgt Ion: 91 Resp: 772810

Ion Ratio Lower Upper

91 100

92 58.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 4.739 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VR026384.D

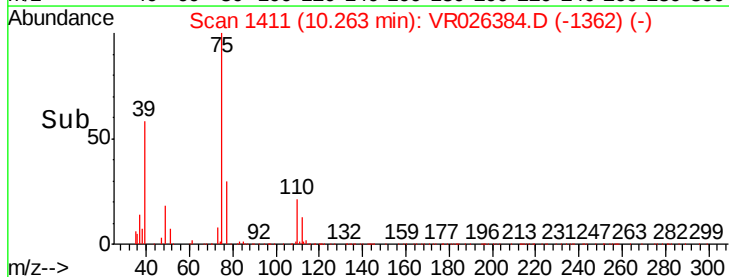
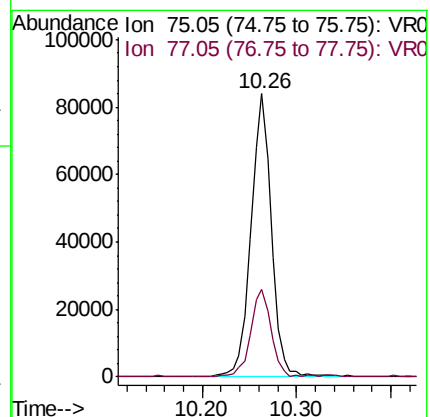
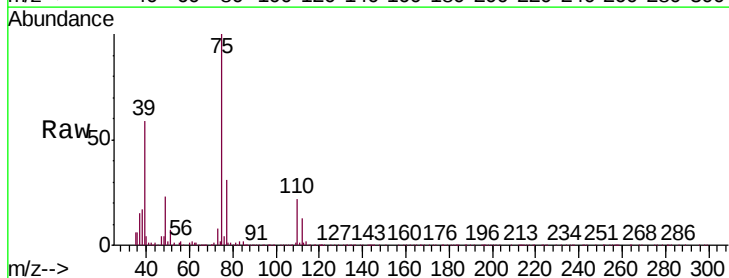
Acq: 26 Feb 2019 10:19

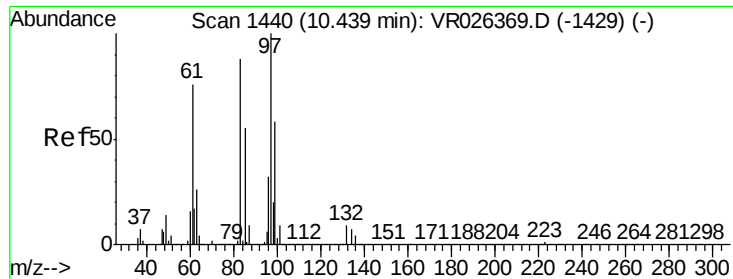
Tgt Ion: 75 Resp: 127560

Ion Ratio Lower Upper

75 100

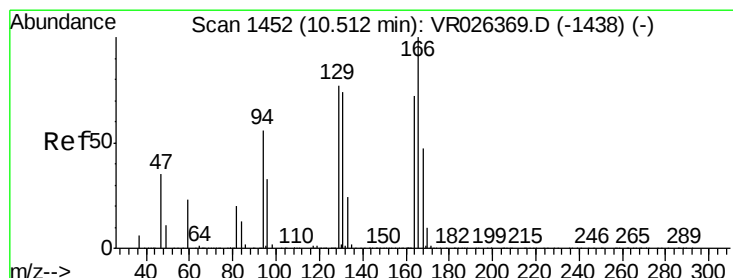
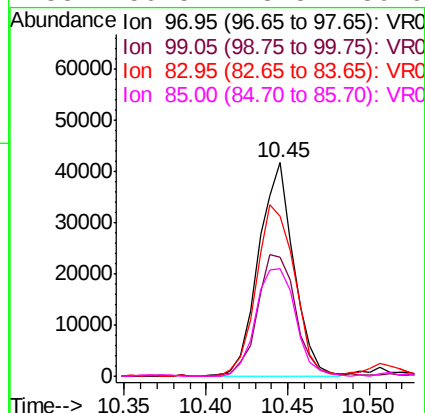
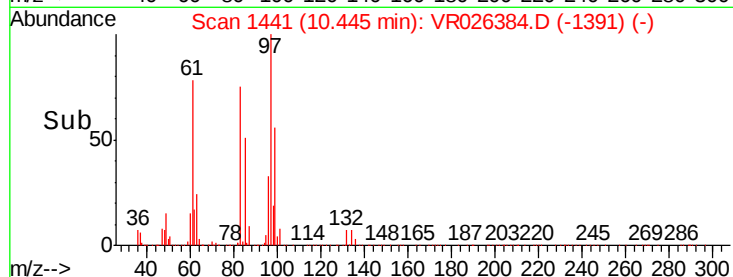
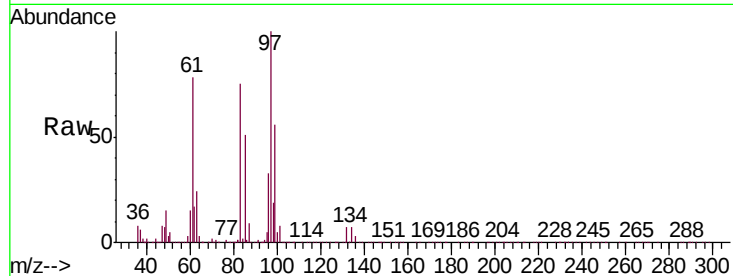
77 31.0 23.9 44.3





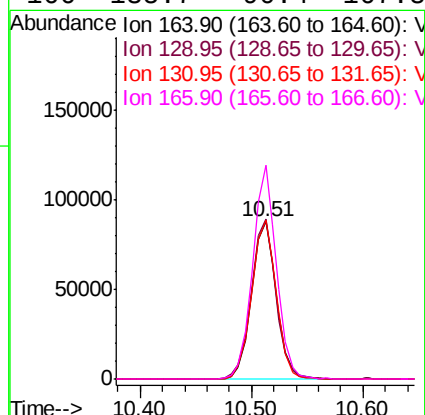
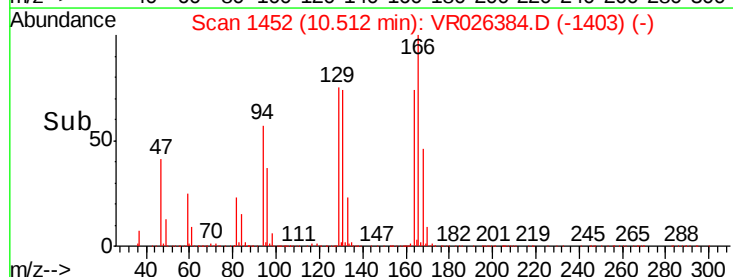
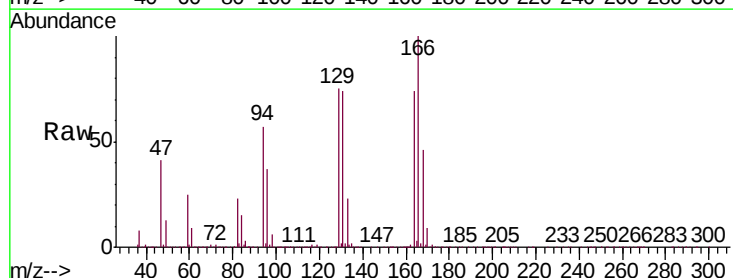
#45
1,1,2-Trichloroethane
Concen: 4.482 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

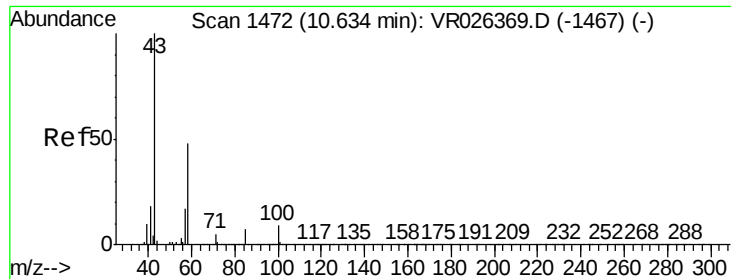
Tgt Ion:	97	Resp:	62587
Ion	Ratio	Lower	Upper
97	100		
99	56.0	38.1	70.7
83	75.0	59.6	110.6
85	50.5	43.5	80.9



#47
Tetrachloroethene
Concen: 4.644 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

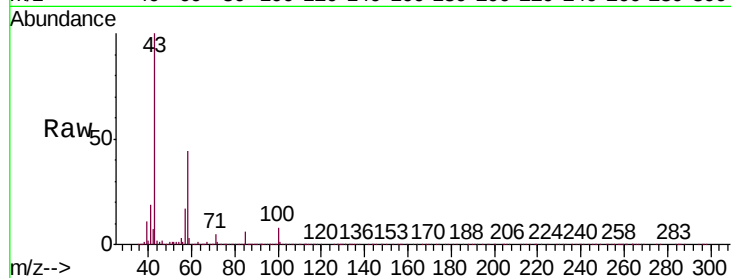
Tgt Ion:	164	Resp:	134841
Ion	Ratio	Lower	Upper
164	100		
129	101.9	67.2	124.8
131	100.5	67.3	125.1
166	135.7	90.4	167.8



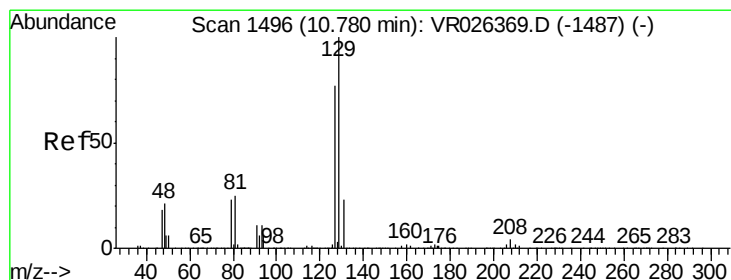
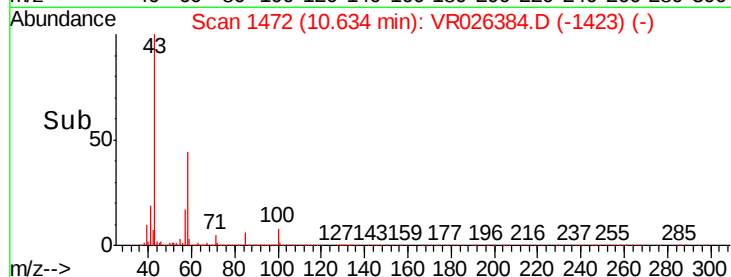
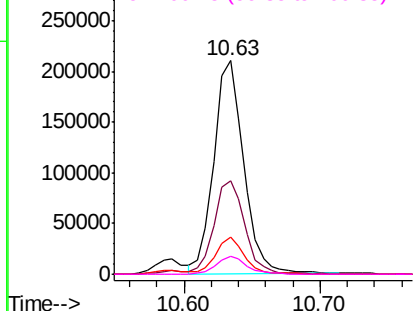


#48
2-Hexanone
Concen: 50.355 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:	43	Resp:	321595
Ion	Ratio	Lower	Upper
43	100		
58	46.5	38.4	57.6
57	16.6	13.2	19.8
100	8.5	6.3	9.5

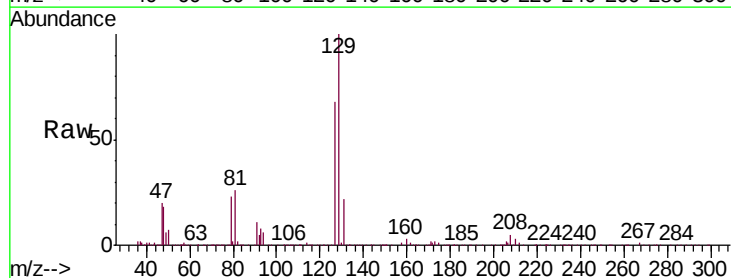


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

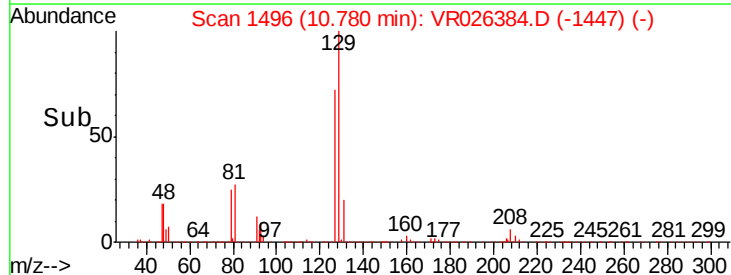
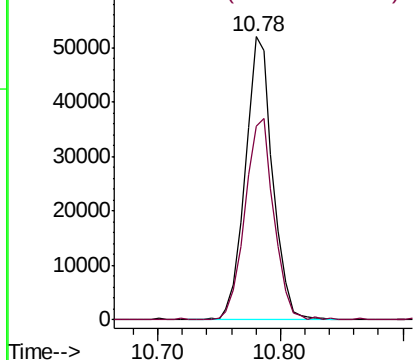


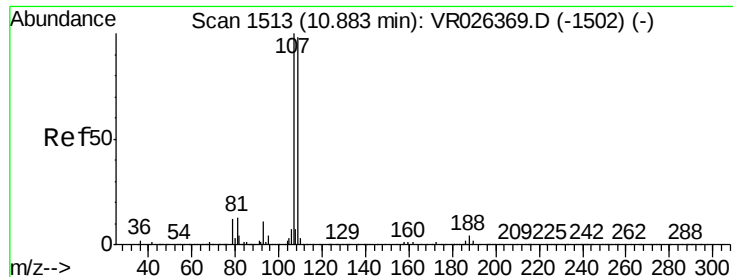
#49
Dibromochloromethane
Concen: 4.648 ug/L
RT: 10.78 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:	129	Resp:	80693
Ion	Ratio	Lower	Upper
129	100		
127	68.5	52.1	96.7



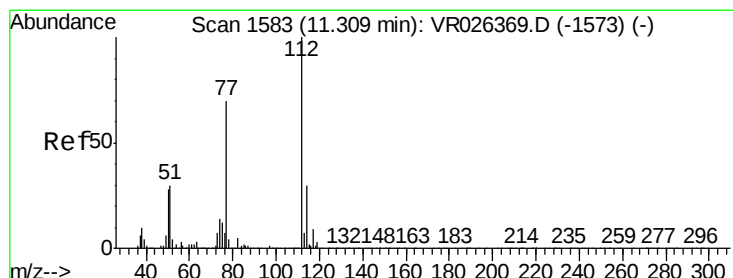
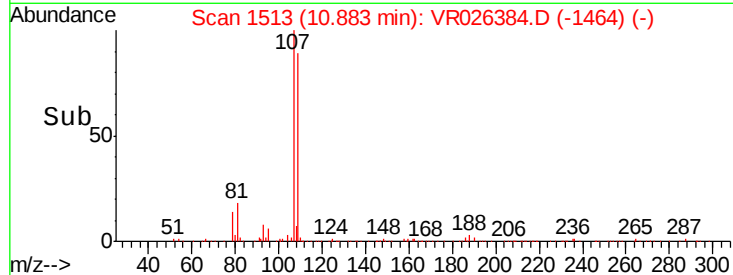
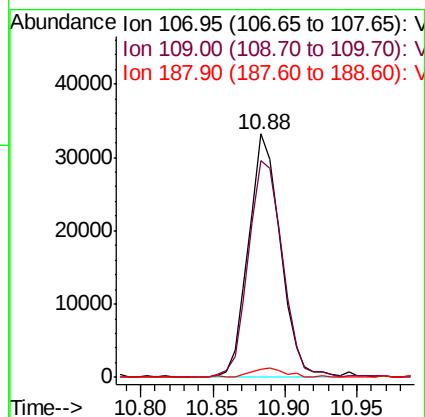
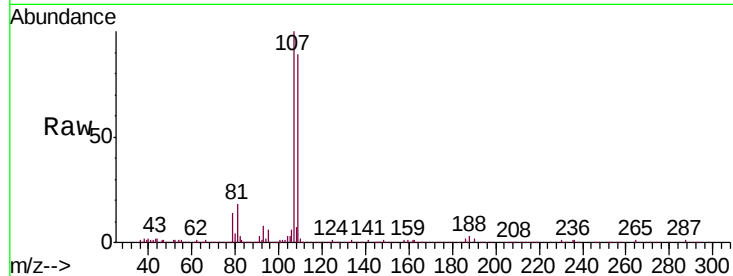
Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





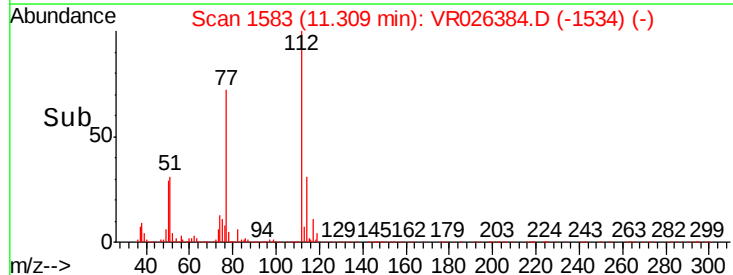
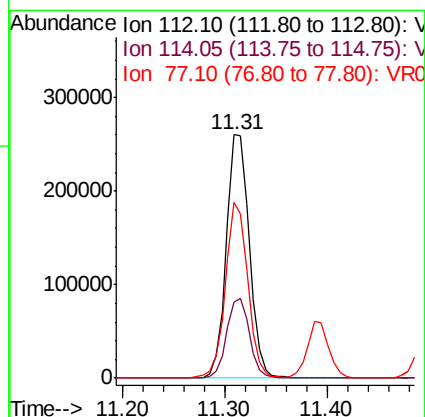
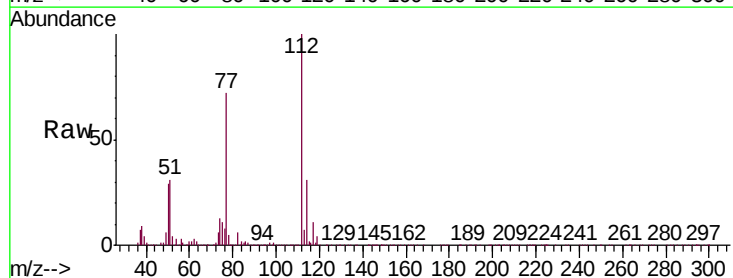
#50
1,2-Dibromoethane
Concen: 4.686 ug/L
RT: 10.88 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

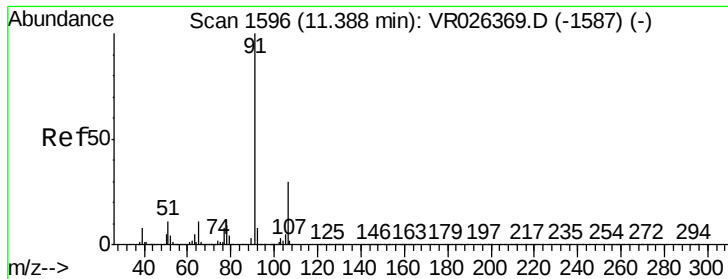
Tgt Ion:107 Resp: 51011
Ion Ratio Lower Upper
107 100
109 88.9 66.4 123.4
188 3.3 2.2 3.2#



#51
Chlorobenzene
Concen: 4.648 ug/L
RT: 11.31 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:112 Resp: 406286
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 72.1 55.4 83.2





#52

Ethylbenzene

Concen: 5.114 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VR026384.D

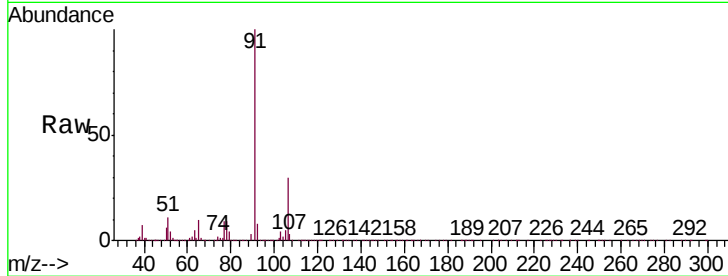
Acq: 26 Feb 2019 10:19

Tgt Ion: 91 Resp: 918952

Ion Ratio Lower Upper

91 100

106 29.6 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 106.15 (105.85 to 106.85): V

11.39

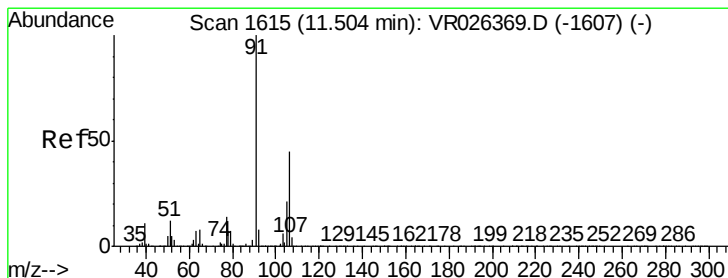
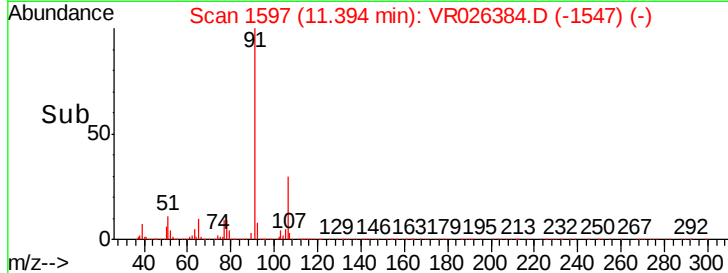
600000

400000

200000

0

Time--> 11.30 11.40



#53

m,p-Xylene

Concen: 5.070 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VR026384.D

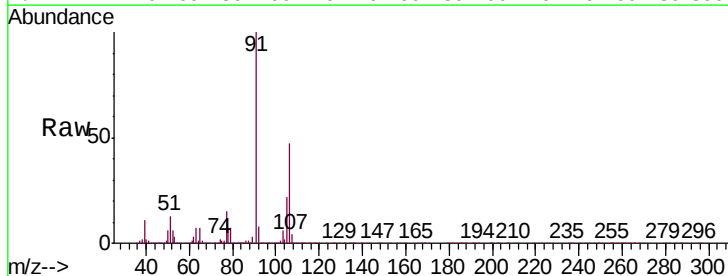
Acq: 26 Feb 2019 10:19

Tgt Ion: 106 Resp: 324778

Ion Ratio Lower Upper

106 100

91 213.2 153.9 285.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

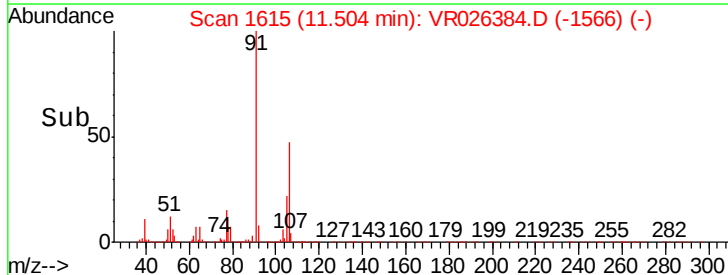
600000

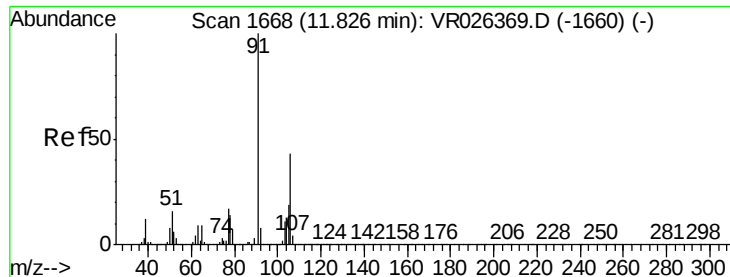
400000

200000

0

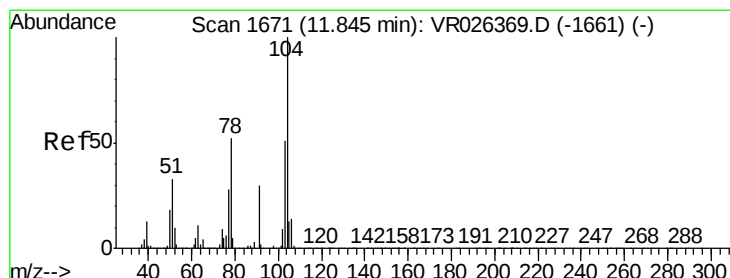
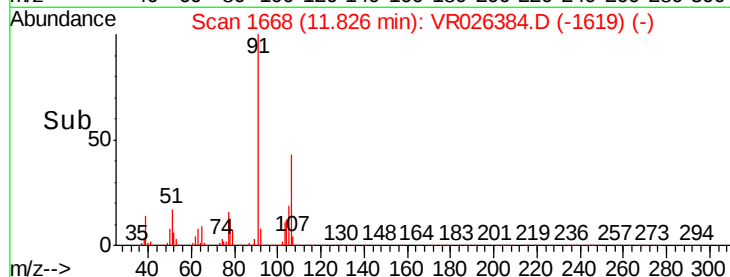
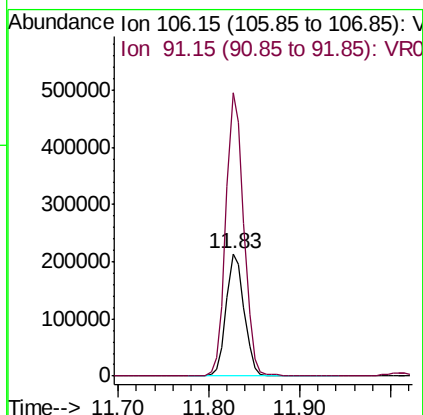
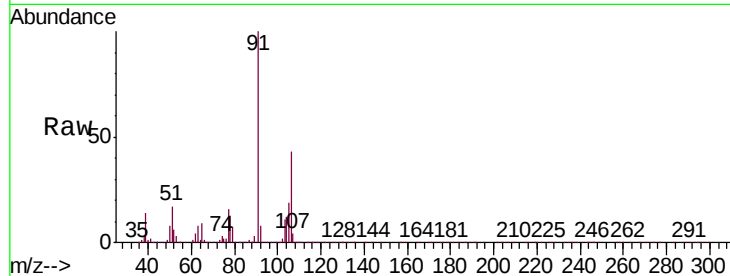
Time--> 11.40 11.50 11.60





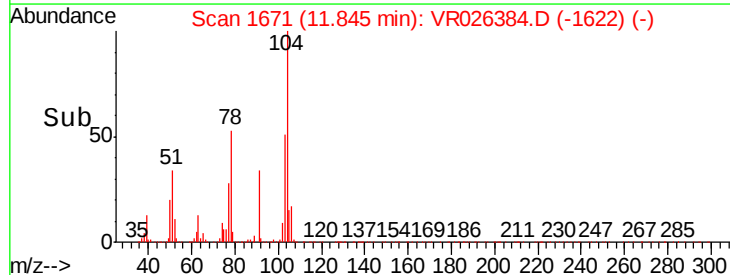
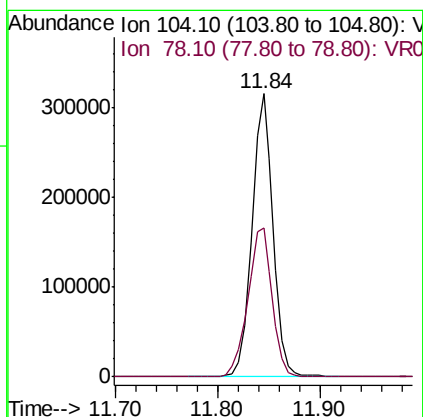
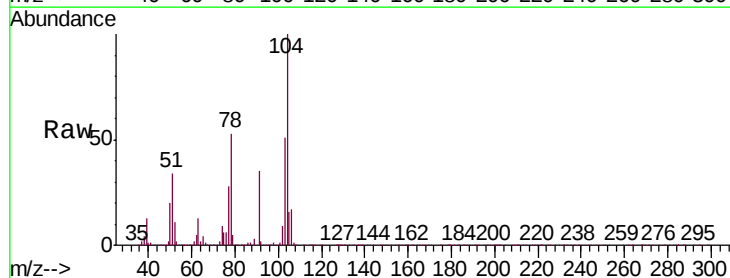
#54
o-Xylene
Concen: 5.250 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

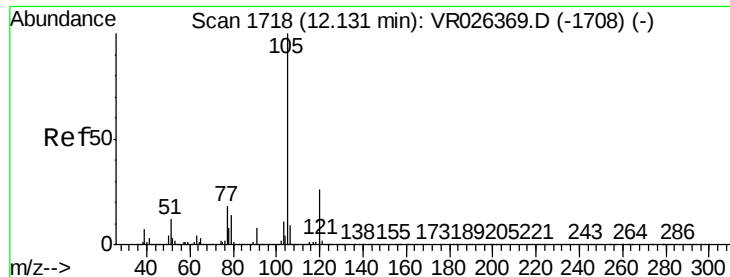
Tgt Ion:106 Resp: 293515
Ion Ratio Lower Upper
106 100
91 231.4 162.5 301.9



#55
Styrene
Concen: 5.121 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:104 Resp: 452570
Ion Ratio Lower Upper
104 100
78 52.6 36.5 67.7





#56

Isopropylbenzene

Concen: 5.516 ug/L

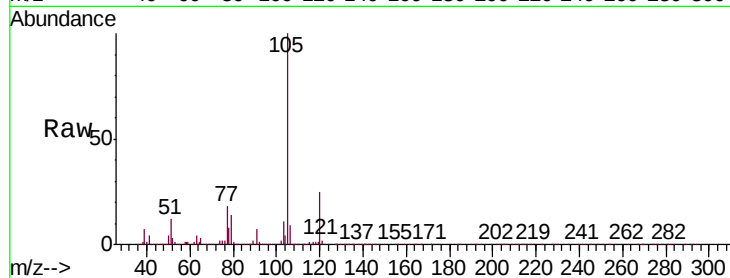
RT: 12.13 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

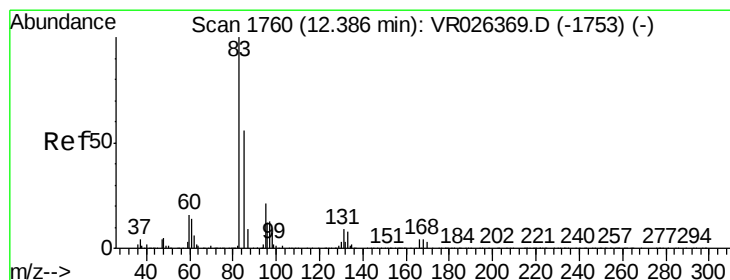
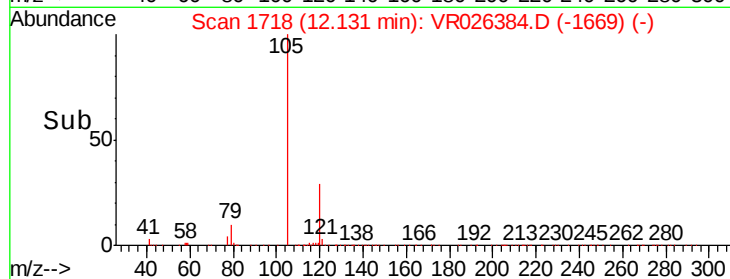
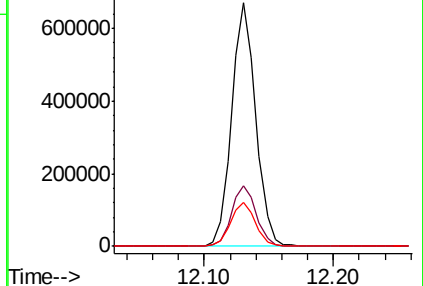
Tgt Ion:	105	Resp:	875838
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.4	30.6
77	18.5	14.4	21.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0



#58

1,1,2,2-Tetrachloroethane

Concen: 4.661 ug/L

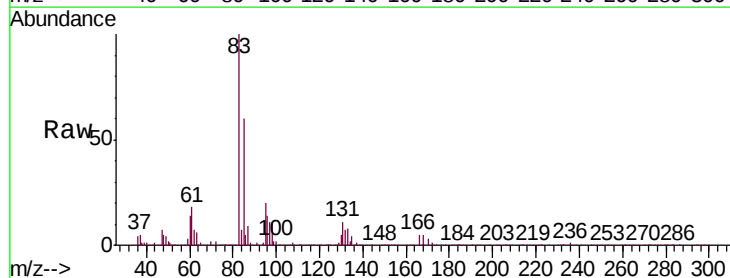
RT: 12.39 min Scan# 1760

Delta R.T. -0.00 min

Lab File: VR026384.D

Acq: 26 Feb 2019 10:19

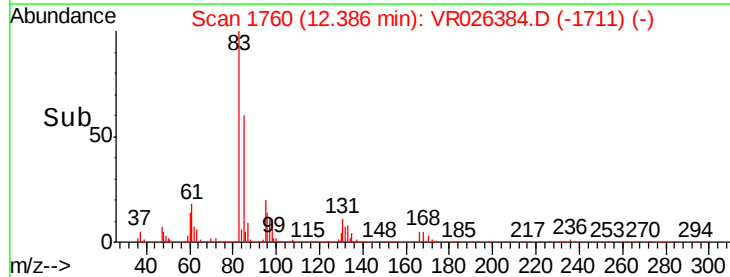
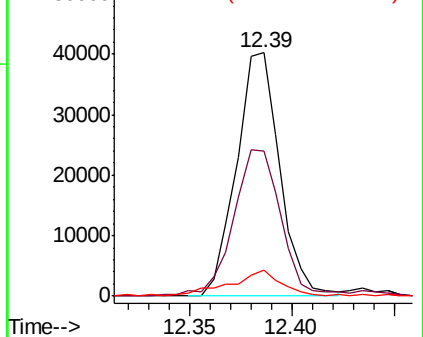
Tgt Ion:	83	Resp:	59298
Ion Ratio	Lower	Upper	
83	100		
85	59.7	46.1	85.7
131	10.5	6.1	9.1#

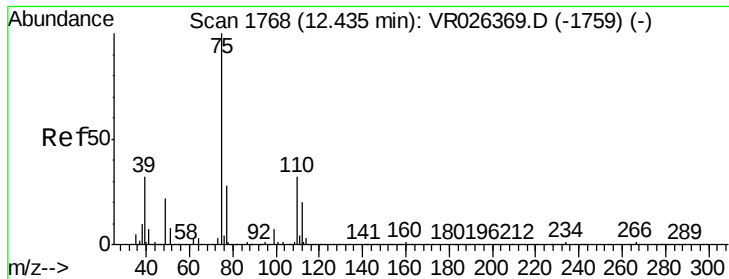


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

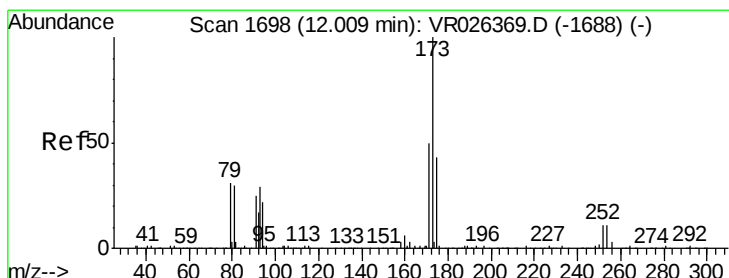
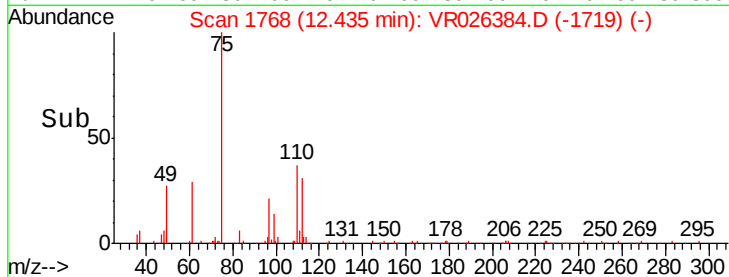
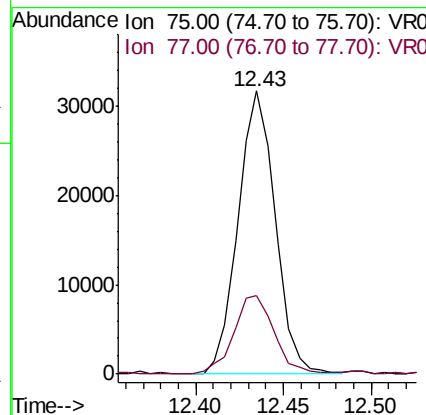
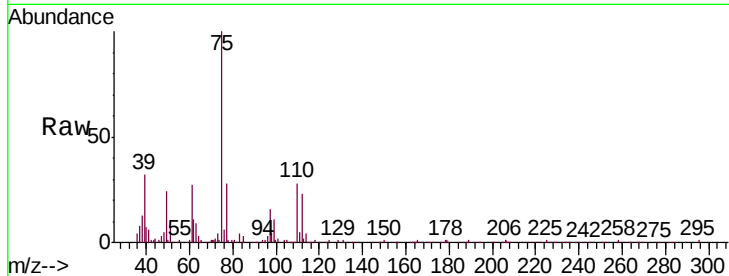
Ion 130.95 (130.65 to 131.65): V





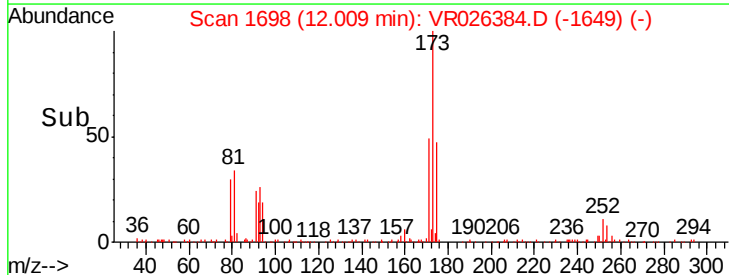
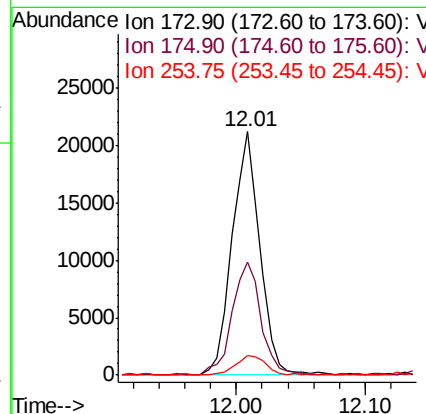
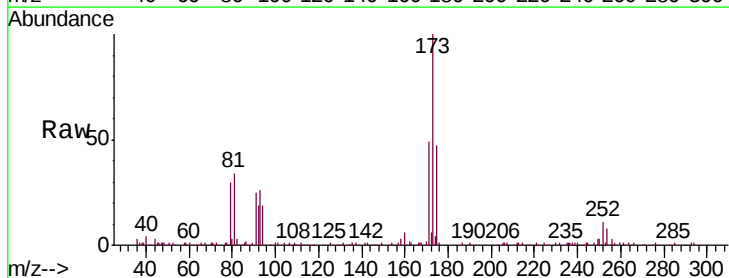
#59
 1,2,3-Trichloropropane
 Concen: 5.039 ug/L
 RT: 12.43 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

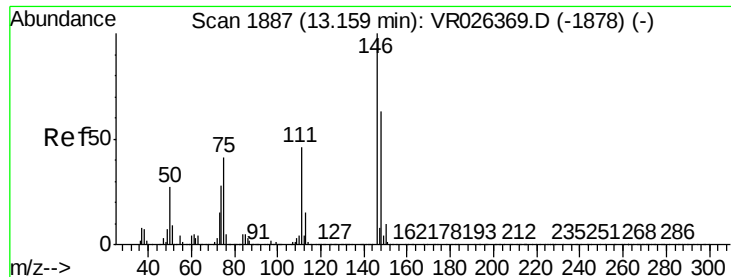
Tgt Ion: 75 Resp: 46935
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.2



#61
 Bromoform
 Concen: 4.148 ug/L
 RT: 12.01 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

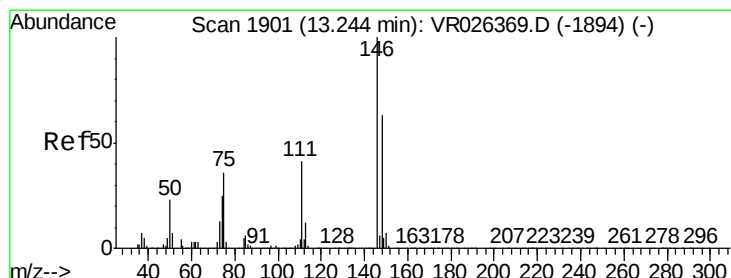
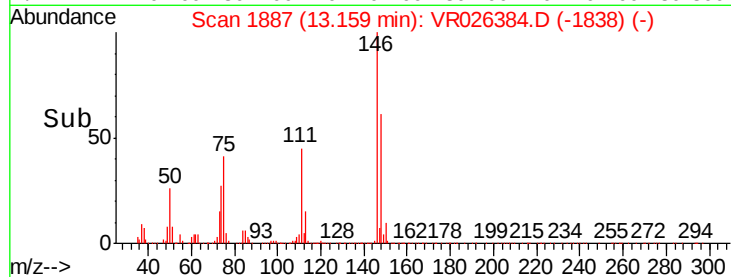
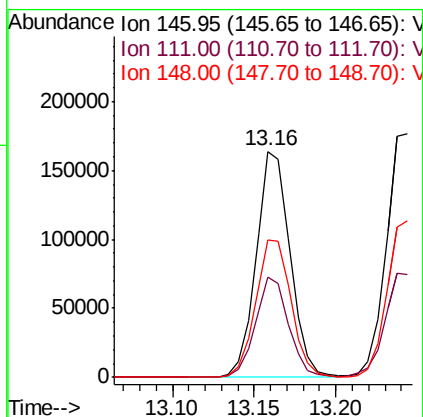
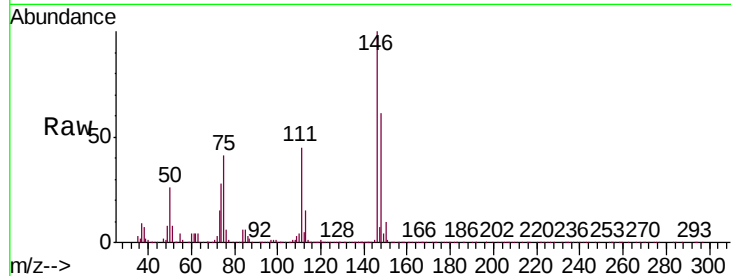
Tgt Ion: 173 Resp: 31807
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.8 58.2
 254 8.7 7.7 11.5





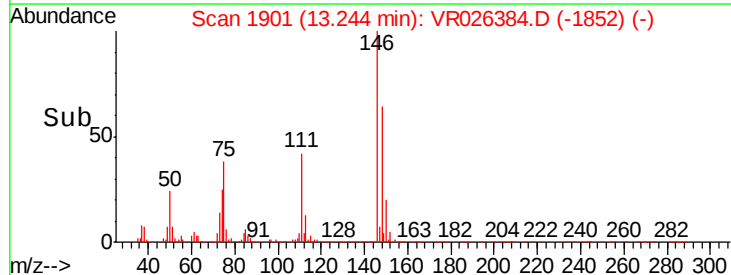
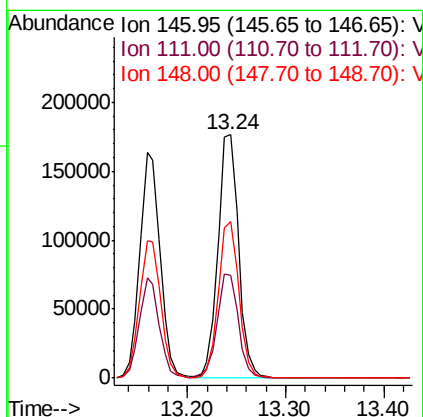
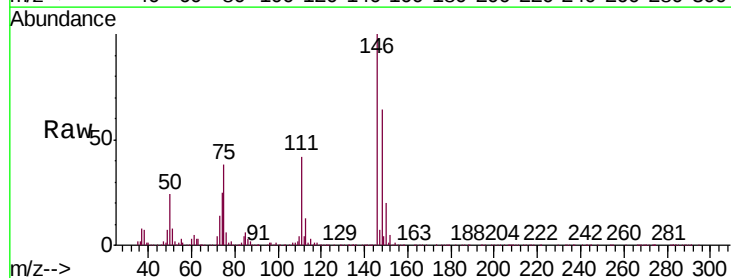
#62
 1,3-Dichlorobenzene
 Concen: 4.701 ug/L
 RT: 13.16 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

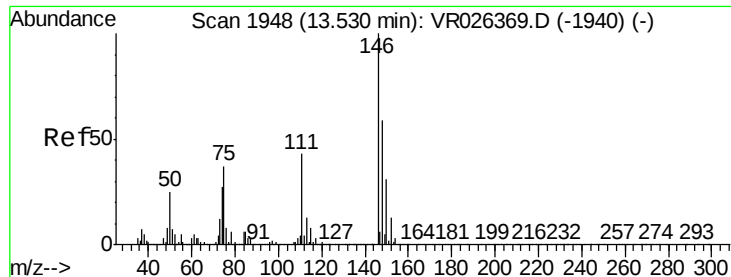
Tgt Ion:	146	Resp:	236115
Ion	Ratio	Lower	Upper
146	100		
111	44.7	31.1	57.9
148	60.8	45.4	84.2



#63
 1,4-Dichlorobenzene
 Concen: 4.670 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

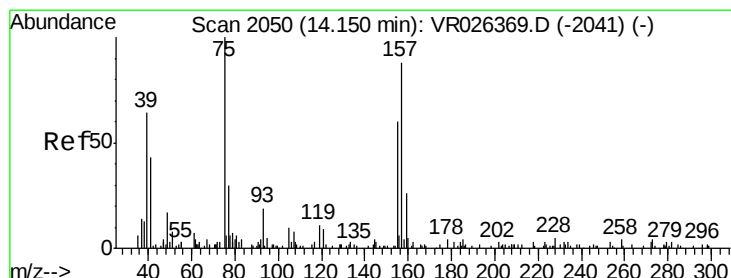
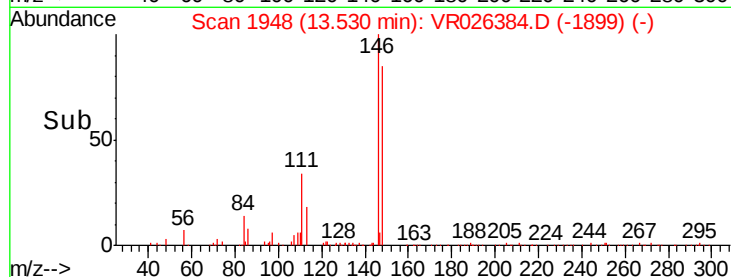
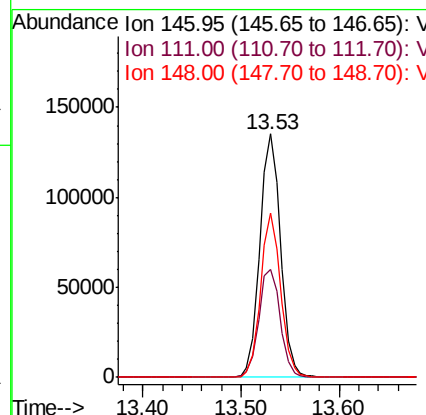
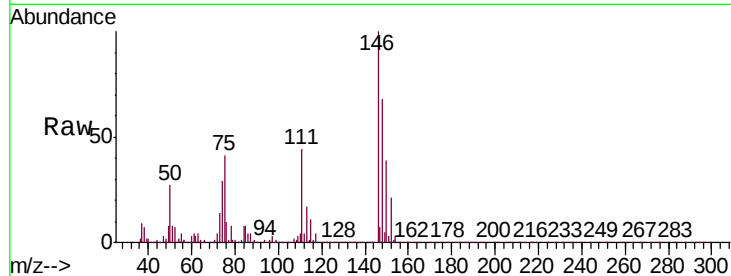
Tgt Ion:	146	Resp:	260467
Ion	Ratio	Lower	Upper
146	100		
111	42.2	30.0	55.8
148	64.4	43.7	81.1





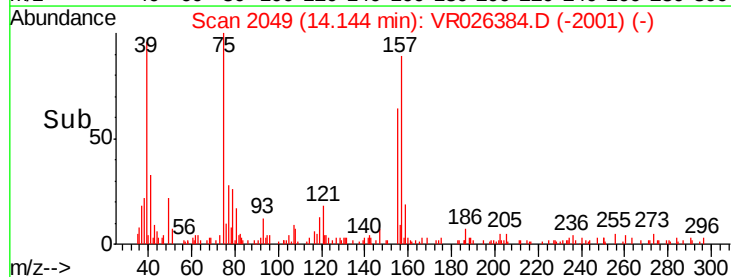
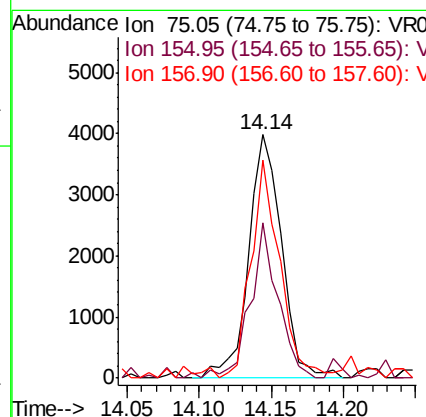
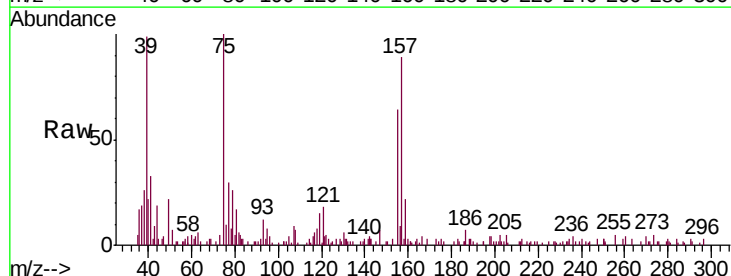
#65
 1,2-Dichlorobenzene
 Concen: 4.785 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

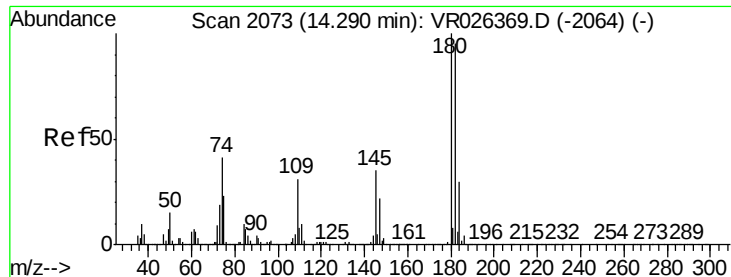
Tgt Ion:	146	Resp:	198861
Ion	Ratio	Lower	Upper
146	100		
111	44.2	36.9	55.3
148	67.7	49.4	74.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.057 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

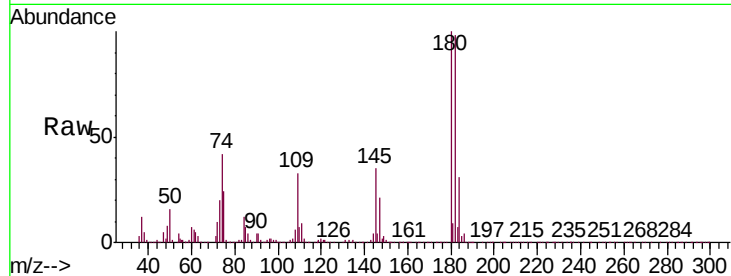
Tgt Ion:	75	Resp:	6274
Ion	Ratio	Lower	Upper
75	100		
155	63.7	53.8	80.8
157	89.4	67.4	101.0





#67
 1,3,5-Trichlorobenzene
 Concen: 4.716 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

Tgt Ion:	180	Resp:	146772
Ion Ratio	Lower	Upper	
180	100		
182	96.4	79.0	118.6
184	32.0	25.5	38.3
145	33.7	26.2	39.2



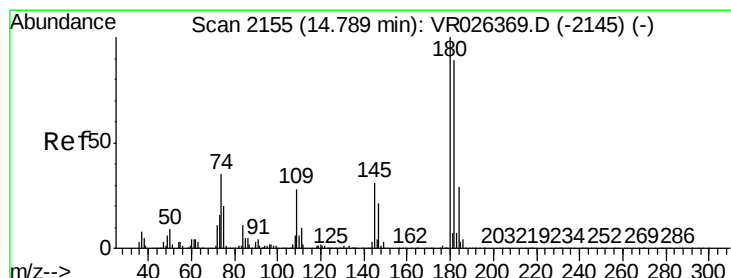
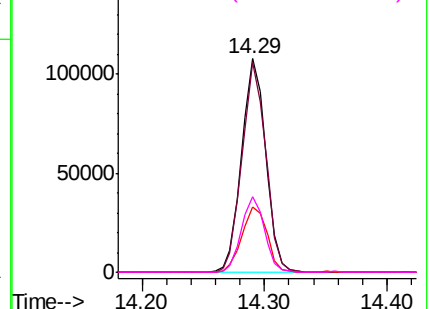
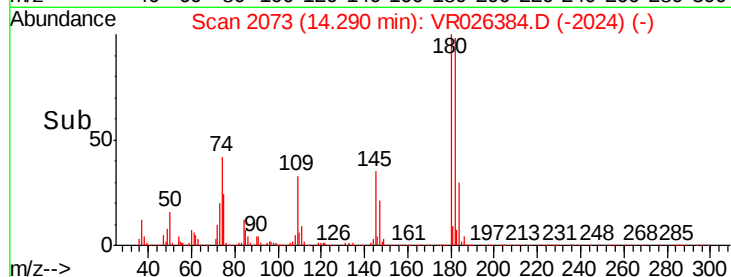
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

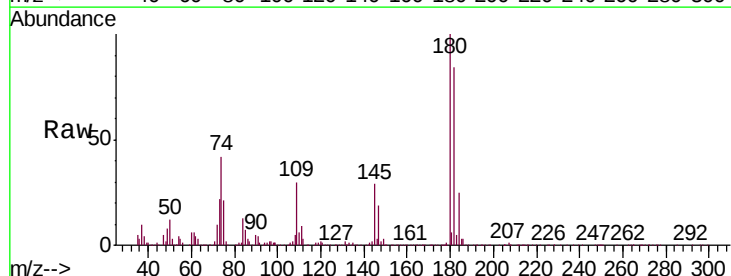
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.734 ug/L
 RT: 14.78 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: VR026384.D
 Acq: 26 Feb 2019 10:19

Tgt Ion:	180	Resp:	84577
Ion Ratio	Lower	Upper	
180	100		
182	92.4	74.7	112.1
145	31.6	26.6	40.0

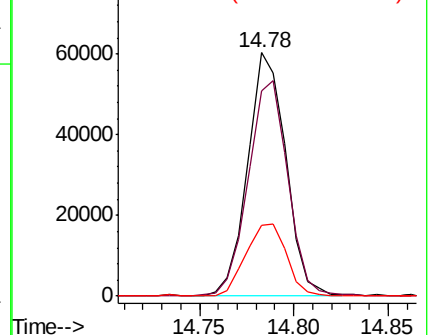
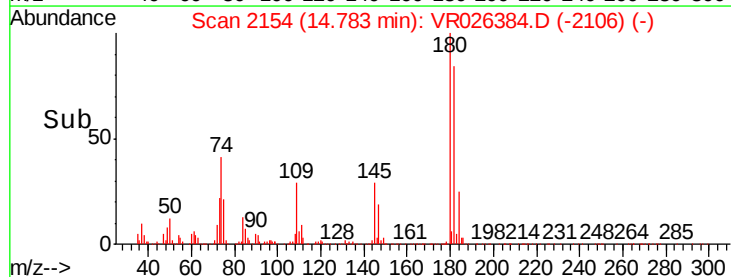


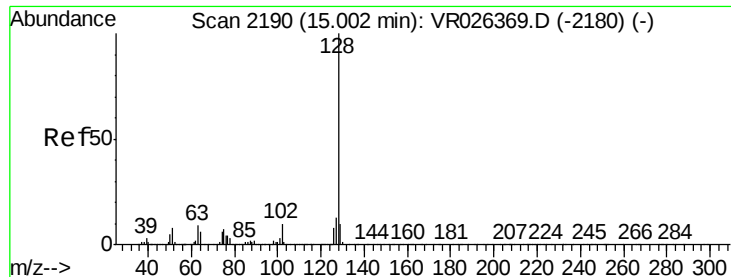
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

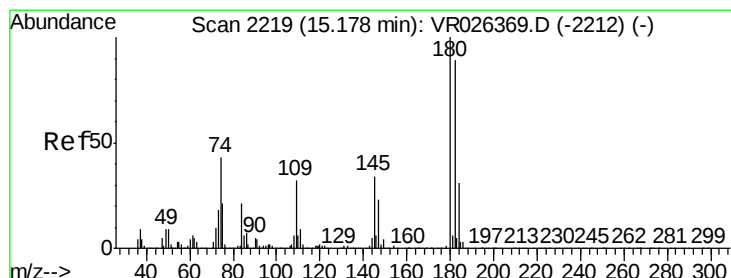
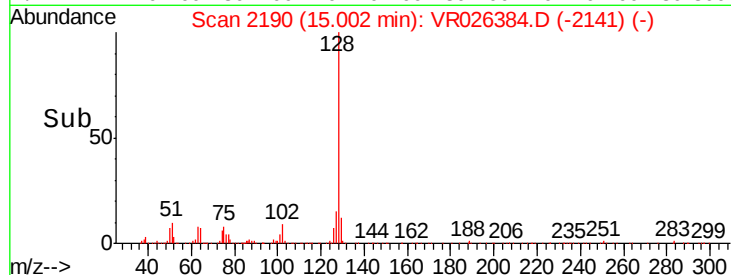
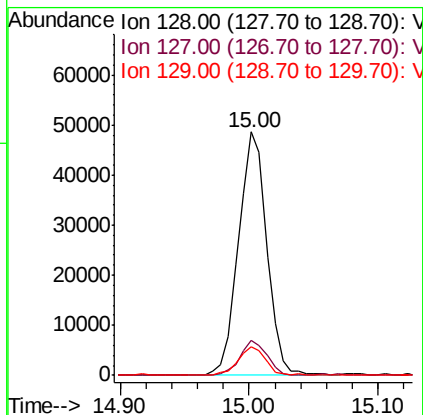
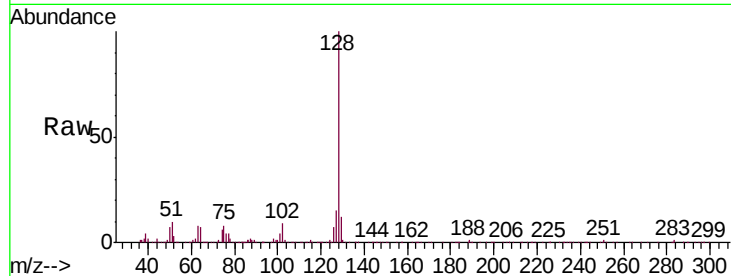
Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 4.470 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:128 Resp: 73720
Ion Ratio Lower Upper
128 100
127 13.6 11.2 16.8
129 11.8 8.3 12.5



#70
1,2,3-Trichlorobenzene
Concen: 4.879 ug/L
RT: 15.18 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VR026384.D
Acq: 26 Feb 2019 10:19

Tgt Ion:180 Resp: 61396
Ion Ratio Lower Upper
180 100
182 97.9 77.4 116.0
145 37.1 28.6 42.8

