

Data File : VR026396.D
Acq On : 26 Feb 2019 19:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 27 07:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499351	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	415107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213147	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	2.62	69	182642	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.61	63	557987	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	6.59	46	184829	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	7.20	84	390354	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	7.90	65	157452	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.85	84	722918	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.90	67	181715	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	9.97	98	681871	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.23	79	46641	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	10.59	63	155764	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71978	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	132217	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	234446	5.563 ug/L	95
3) Chloromethane	2.00	50	282383	5.309 ug/L	98
5) Vinyl chloride	2.15	62	271547	5.265 ug/L	100
6) Bromomethane	2.51	94	157823	5.312 ug/L	99
8) Chloroethane	2.65	64	159491	5.140 ug/L	96
9) Trichlorofluoromethane	2.93	101	403567	6.014 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	218563	5.589 ug/L	98
12) 1,1-Dichloroethene	3.62	96	235922	5.408 ug/L	87
13) Acetone	3.70	43	175525	54.724 ug/L	99
14) Carbon disulfide	3.93	76	724179	5.210 ug/L	99
15) Methyl Acetate	4.19	43	45871	5.053 ug/L	97
16) Methylene chloride	4.40	84	189317	4.966 ug/L	90
17) Methyl tert-butyl Ether	4.89	73	214446	5.253 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	200642	5.042 ug/L	92
19) 1,1-Dichloroethane	5.69	63	360587	4.946 ug/L	97
21) 2-Butanone	6.69	43	217200	54.030 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	179693	5.378 ug/L #	96

Data File : VR026396.D
Acq On : 26 Feb 2019 19:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

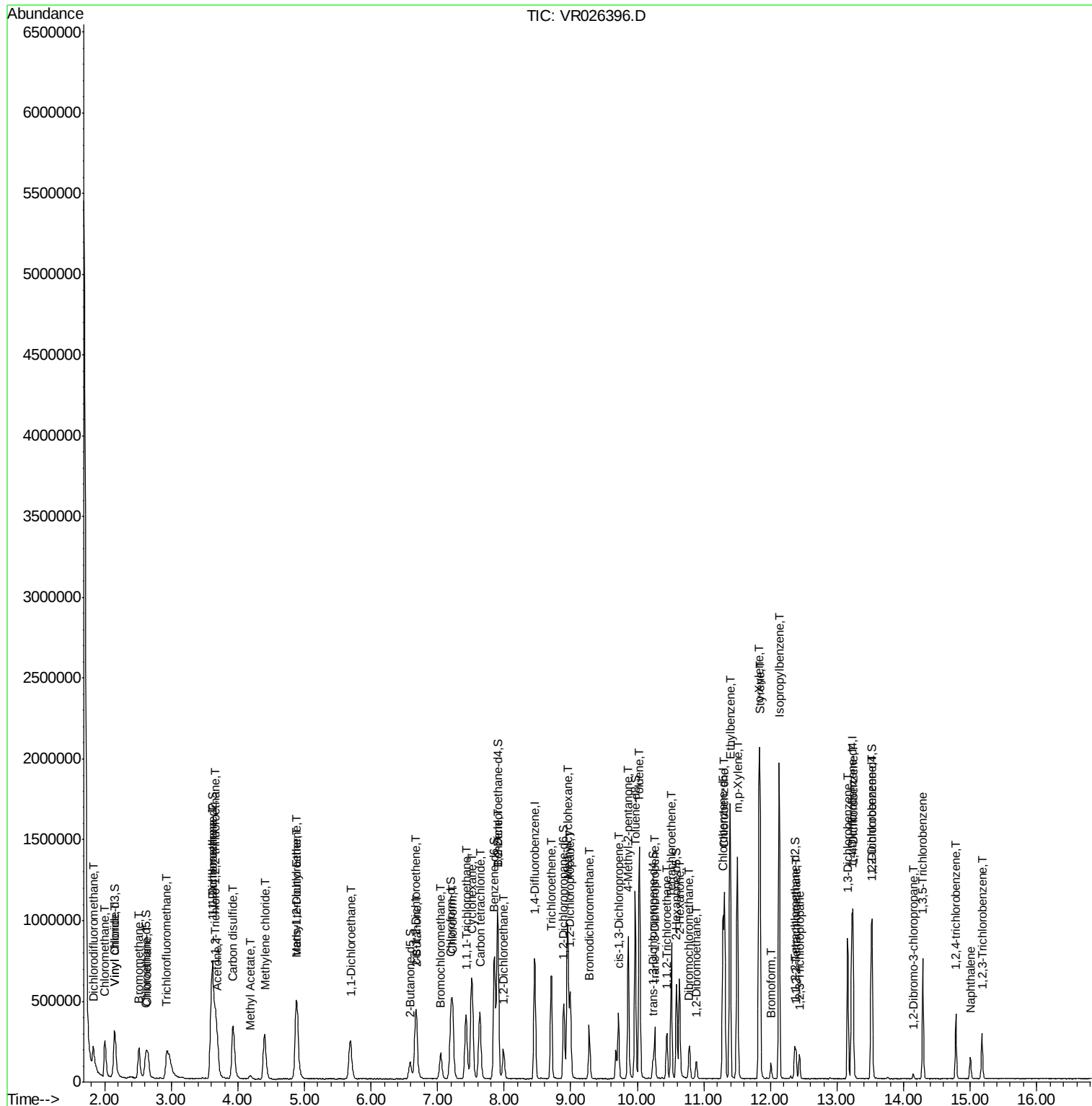
Quant Time: Feb 27 07:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

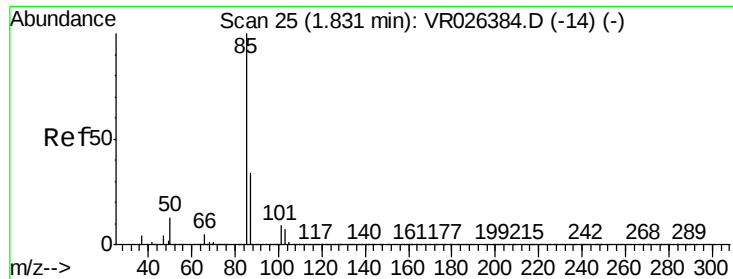
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	49737	4.805	ug/L	95
25) Chloroform	7.23	83	361973	5.178	ug/L	91
27) 1,2-Dichloroethane	7.99	62	169407	5.121	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	319730	5.315	ug/L	99
30) Cyclohexane	7.51	56	341002	5.928	ug/L	97
31) Carbon tetrachloride	7.63	117	309619	5.537	ug/L	99
33) Benzene	7.90	78	810507	5.081	ug/L	100
34) Trichloroethene	8.71	95	207667	5.175	ug/L	98
35) Methylcyclohexane	8.95	83	327773	5.759	ug/L	98
37) 1,2-Dichloropropane	8.99	63	174369	5.147	ug/L #	96
38) Bromodichloromethane	9.28	83	197268	5.079	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	192401	5.200	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	546406	58.990	ug/L	99
42) Toluene	10.03	91	868097	5.418	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	136829	5.072	ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	69669	4.978	ug/L	94
47) Tetrachloroethene	10.51	164	148048	5.088	ug/L	94
48) 2-Hexanone	10.63	43	371037	57.972	ug/L	98
49) Dibromochloromethane	10.79	129	89682	5.155	ug/L	94
50) 1,2-Dibromoethane	10.89	107	58252	5.340	ug/L #	96
51) Chlorobenzene	11.32	112	461380	5.267	ug/L	97
52) Ethylbenzene	11.39	91	1026638	5.701	ug/L	100
53) m,p-Xylene	11.50	106	361333	5.629	ug/L	96
54) o-Xylene	11.83	106	330870	5.905	ug/L	97
55) Styrene	11.84	104	511837	5.779	ug/L	100
56) Isopropylbenzene	12.13	105	977241	6.141	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	65776	5.159	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	52102	5.582	ug/L	95
61) Bromoform	12.01	173	33836	4.357	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	264280	5.196	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	288221	5.103	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	219143	5.208	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	7226	4.614	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	165473	5.251	ug/L	95
68) 1,2,4-trichlorobenzene	14.78	180	95047	5.254	ug/L	97
69) Naphthalene	15.00	128	84377	5.053	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	68886	5.406	ug/L	98

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

Data File : VR026396.D
Acq On : 26 Feb 2019 19:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 27 07:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.563 ug/L

RT: 1.83 min Scan# 25

Delta R.T. 0.00 min

Lab File: VR026396.D

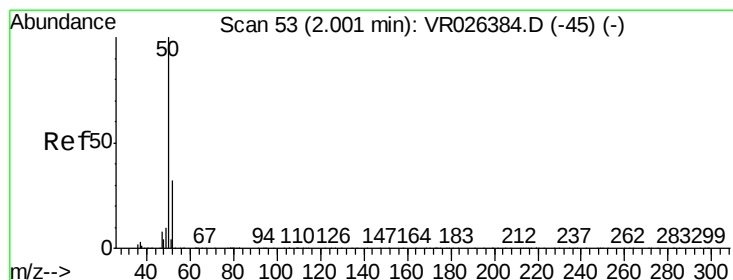
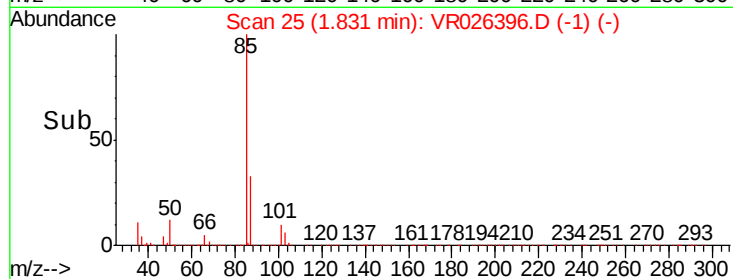
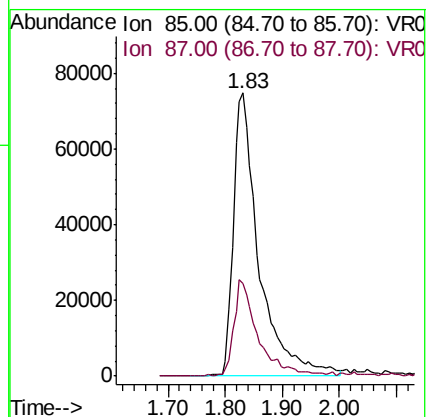
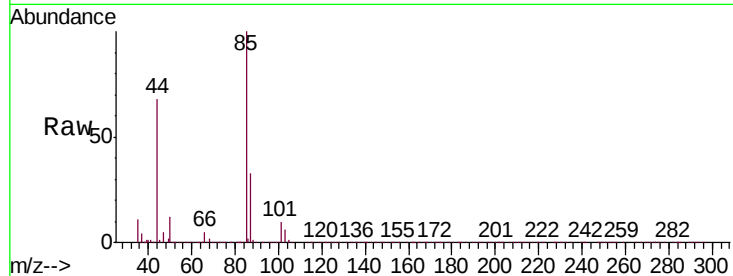
Acq: 26 Feb 2019 19:37

Tgt Ion: 85 Resp: 234446

Ion Ratio Lower Upper

85 100

87 30.6 26.6 40.0



#3

Chloromethane

Concen: 5.309 ug/L

RT: 2.00 min Scan# 53

Delta R.T. 0.00 min

Lab File: VR026396.D

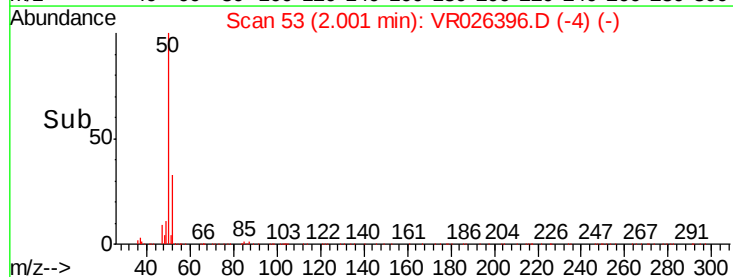
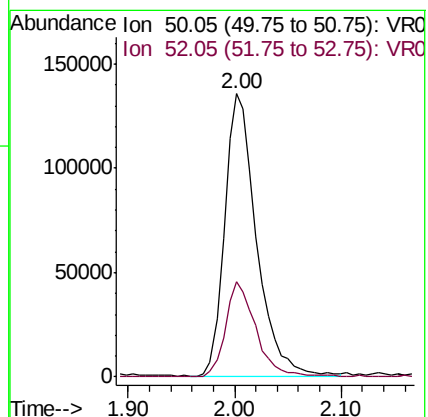
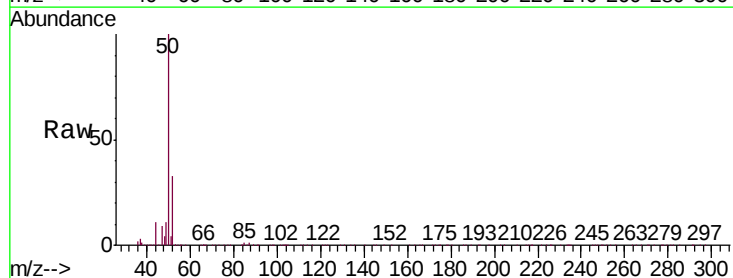
Acq: 26 Feb 2019 19:37

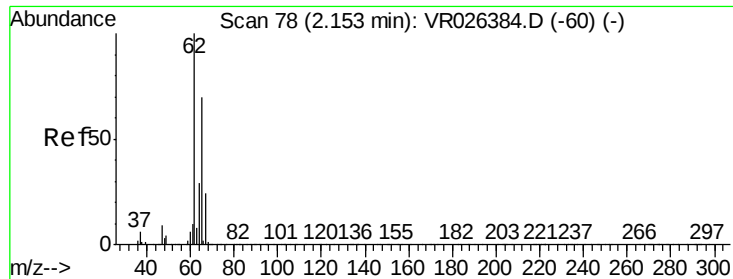
Tgt Ion: 50 Resp: 282383

Ion Ratio Lower Upper

50 100

52 33.4 22.7 42.3





#5

Vinyl chloride

Concen: 5.265 ug/L

RT: 2.15 min Scan# 78

Delta R.T. 0.00 min

Lab File: VR026396.D

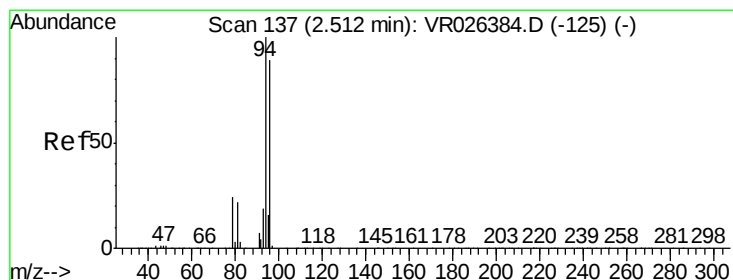
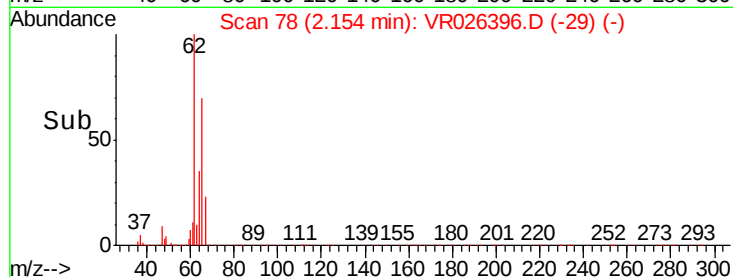
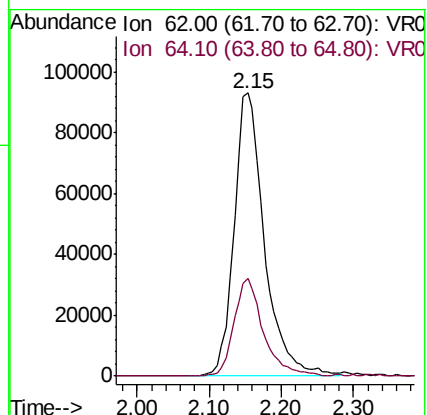
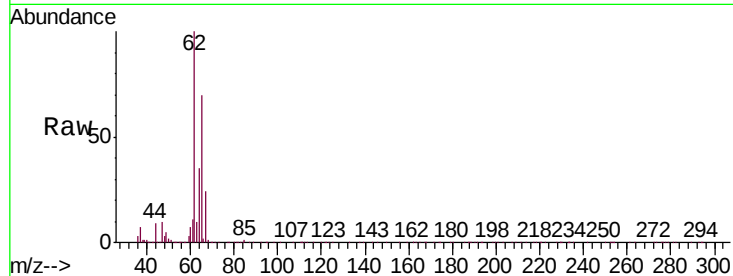
Acq: 26 Feb 2019 19:37

Tgt Ion: 62 Resp: 271547

Ion Ratio Lower Upper

62 100

64 34.6 24.1 44.7



#6

Bromomethane

Concen: 5.312 ug/L

RT: 2.51 min Scan# 137

Delta R.T. 0.00 min

Lab File: VR026396.D

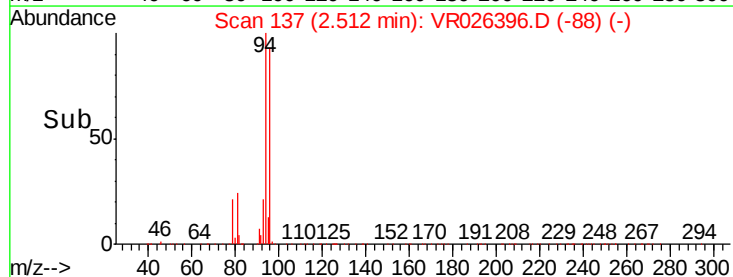
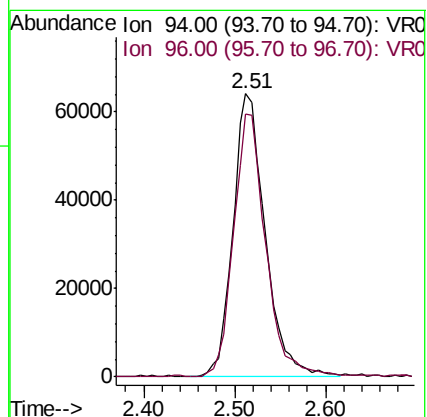
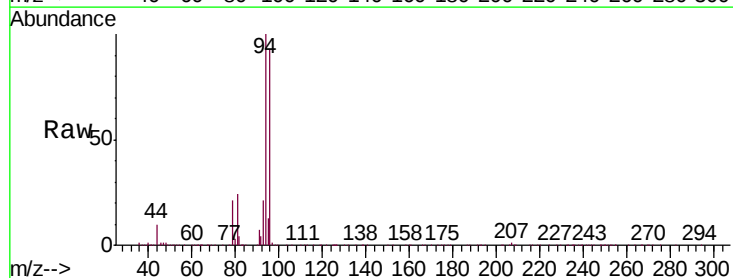
Acq: 26 Feb 2019 19:37

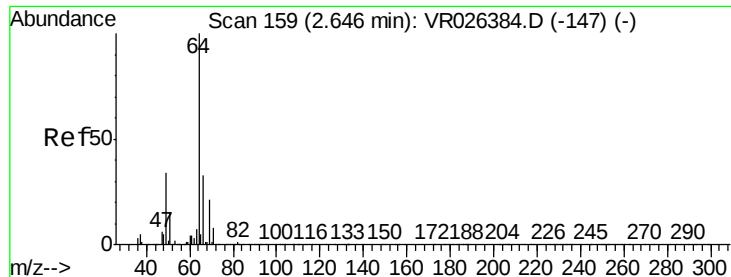
Tgt Ion: 94 Resp: 157823

Ion Ratio Lower Upper

94 100

96 92.7 64.3 119.3





#8

Chloroethane

Concen: 5.140 ug/L

RT: 2.65 min Scan# 159

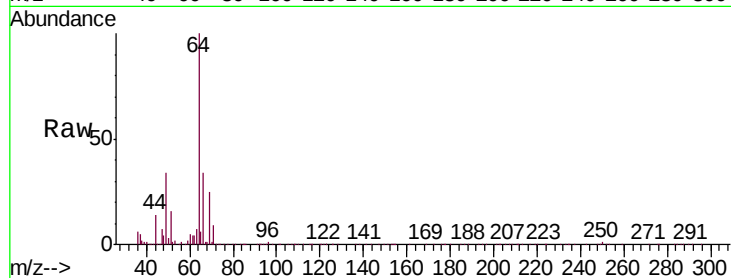
Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion: 64 Resp: 159491

Ion	Ratio	Lower	Upper
64	100		
66	34.3	22.6	42.0

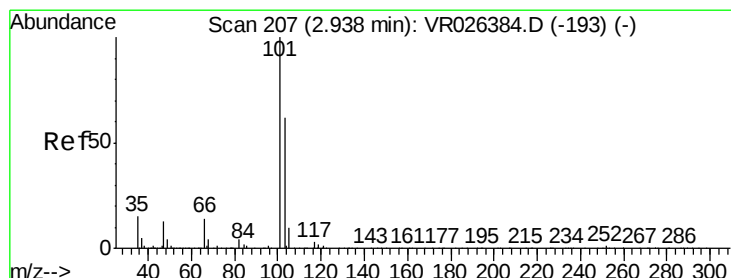
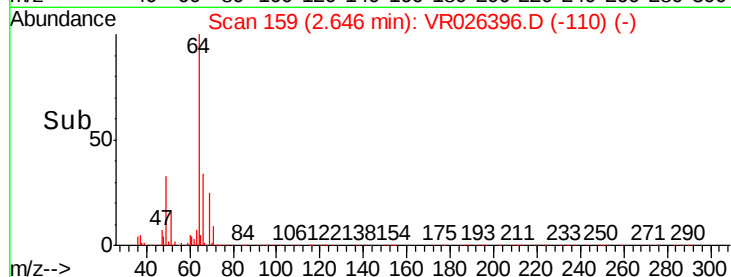


Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0

2.65

Time-->



#9

Trichlorofluoromethane

Concen: 6.014 ug/L

RT: 2.93 min Scan# 206

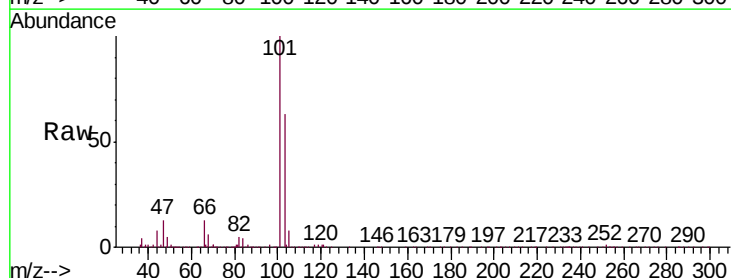
Delta R.T. -0.01 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion: 101 Resp: 403567

Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.6	78.8

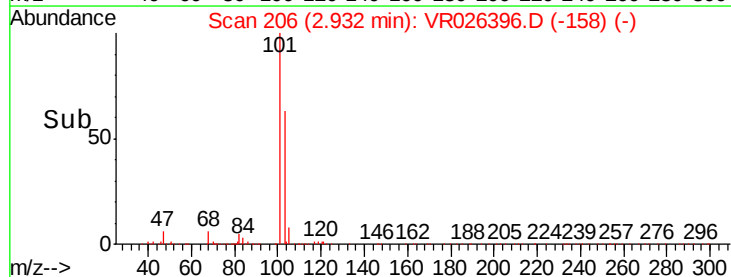


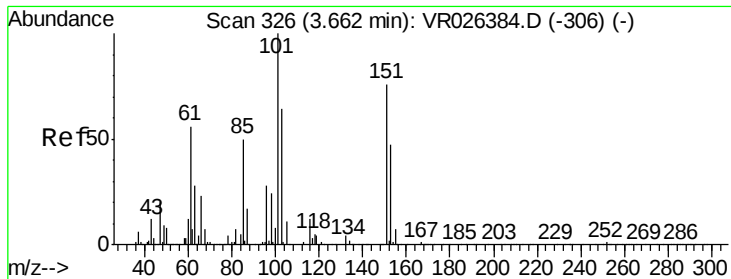
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.93

Time-->





#10

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

Concen: 5.589 ug/L

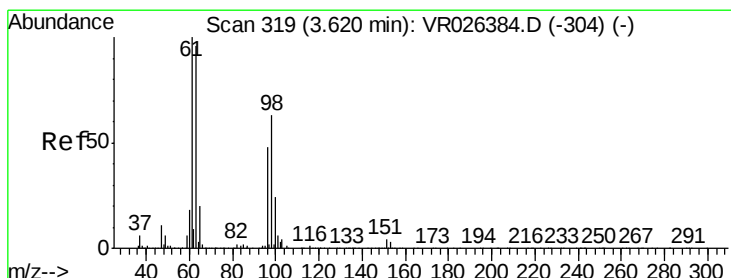
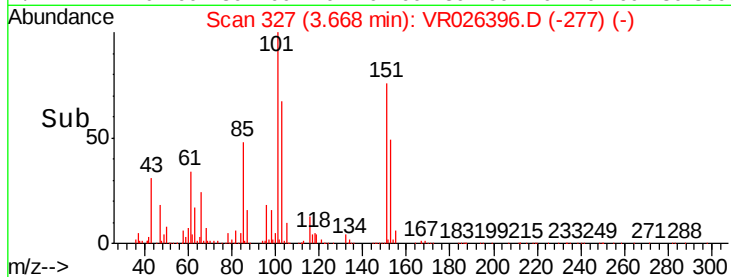
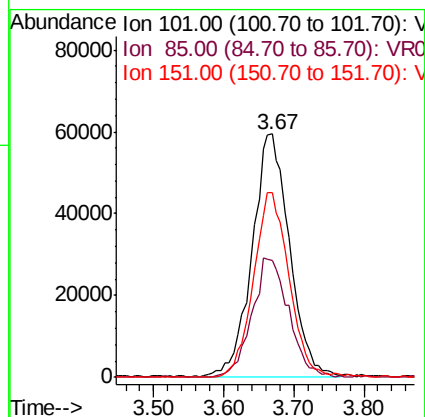
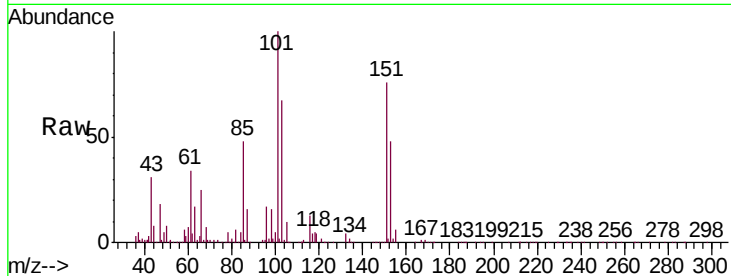
RT: 3.67 min Scan# 327

Delta R.T. 0.01 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	101	Resp:	218563
Ion	Ratio	Lower	Upper
101	100		
85	49.1	39.8	59.8
151	73.4	60.8	91.2



#12

1,1-Dichloroethene

Concen: 5.408 ug/L

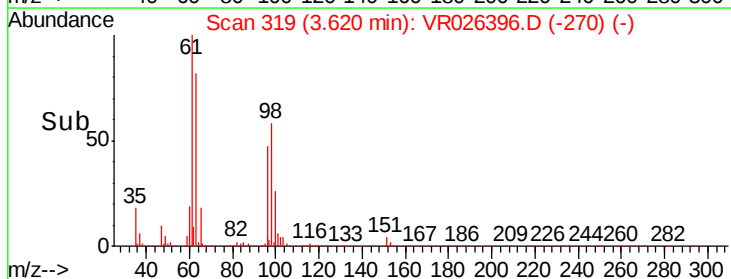
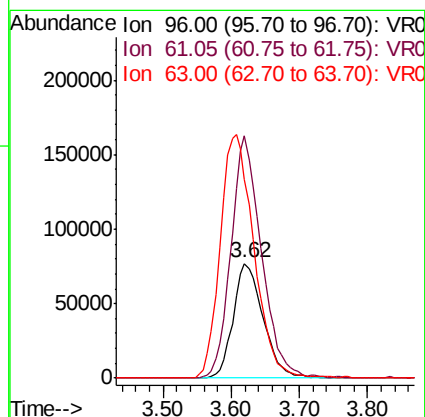
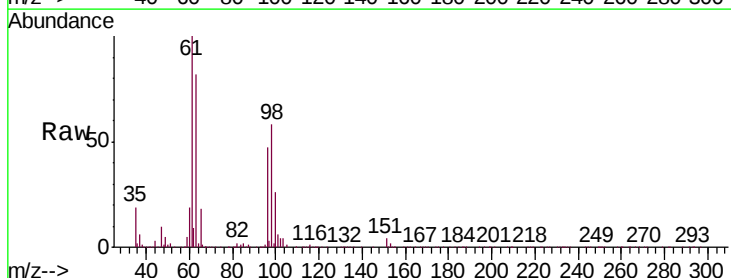
RT: 3.62 min Scan# 319

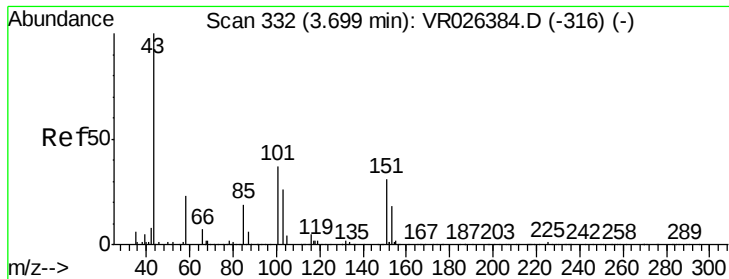
Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	96	Resp:	235922
Ion	Ratio	Lower	Upper
96	100		
61	211.0	135.9	252.5
63	173.2	136.6	253.6





#13

Acetone

Concen: 54.724 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR026396.D

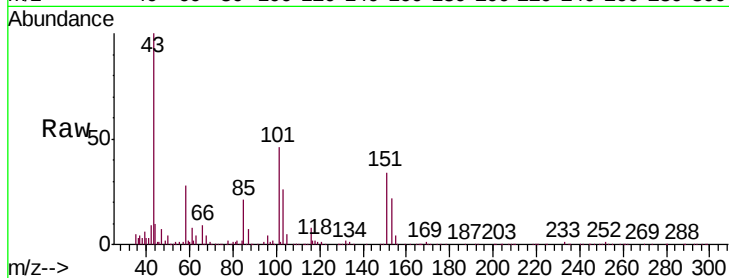
Acq: 26 Feb 2019 19:37

Tgt Ion: 43 Resp: 175525

Ion Ratio Lower Upper

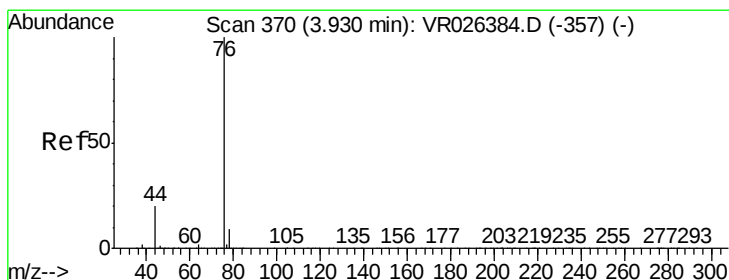
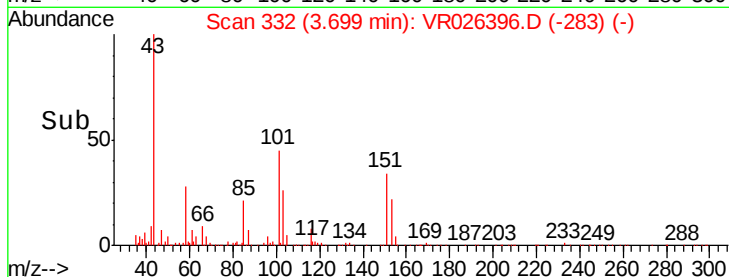
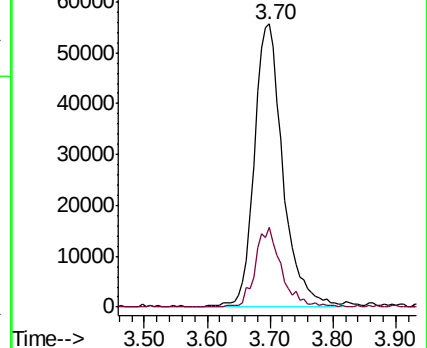
43 100

58 25.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 5.210 ug/L

RT: 3.93 min Scan# 370

Delta R.T. 0.00 min

Lab File: VR026396.D

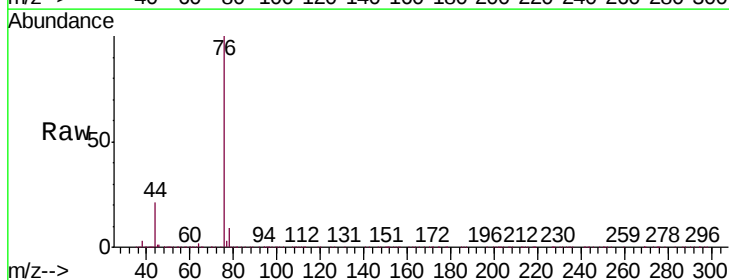
Acq: 26 Feb 2019 19:37

Tgt Ion: 76 Resp: 724179

Ion Ratio Lower Upper

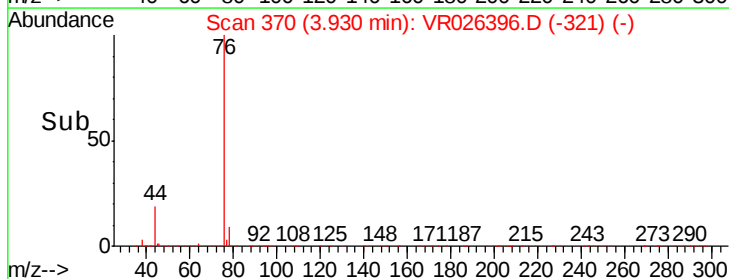
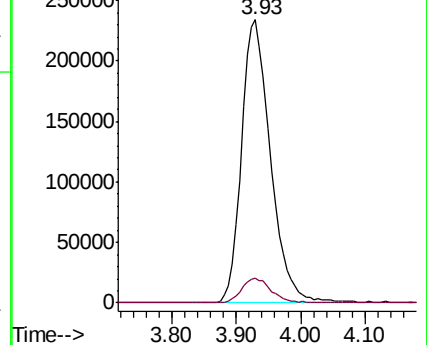
76 100

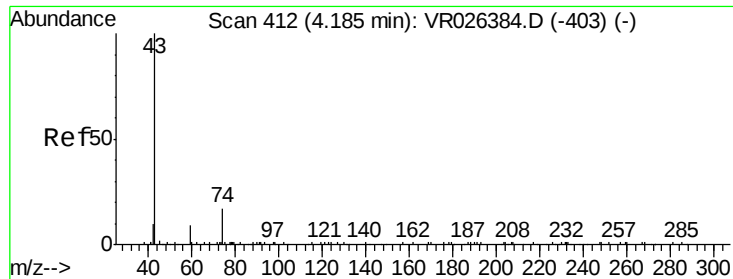
78 8.9 6.7 10.1



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0





#15

Methyl Acetate

Concen: 5.053 ug/L

RT: 4.19 min Scan# 413

Delta R.T. 0.01 min

Lab File: VR026396.D

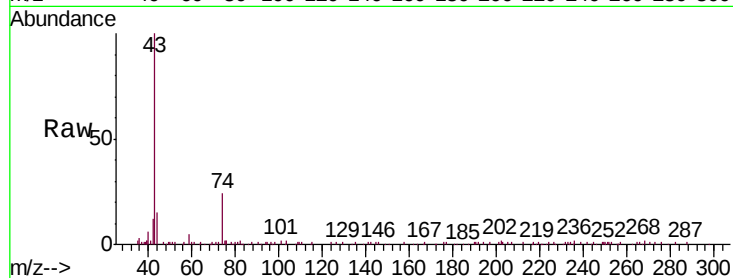
Acq: 26 Feb 2019 19:37

Tgt Ion: 43 Resp: 45871

Ion Ratio Lower Upper

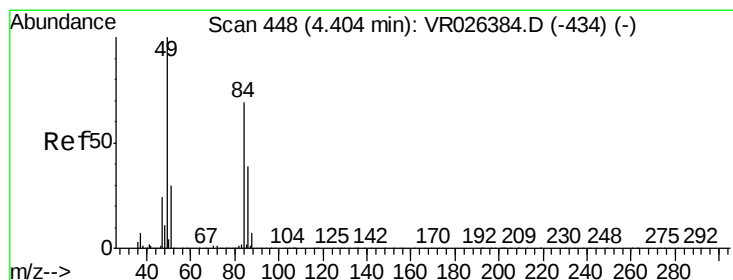
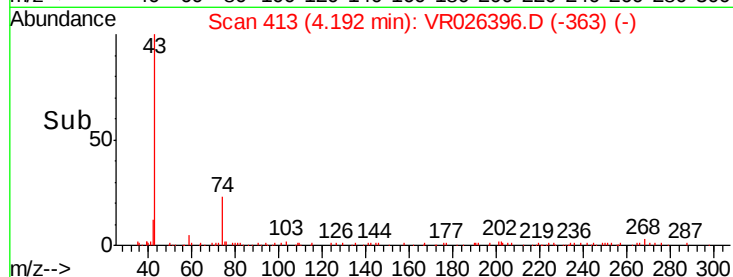
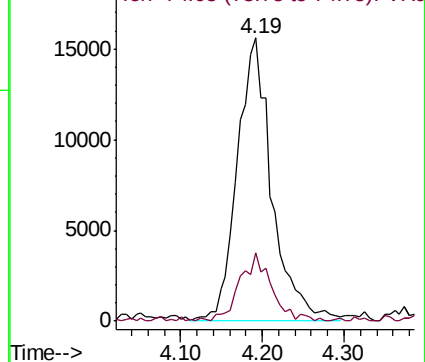
43 100

74 22.2 16.6 25.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0



#16

Methylene chloride

Concen: 4.966 ug/L

RT: 4.40 min Scan# 448

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

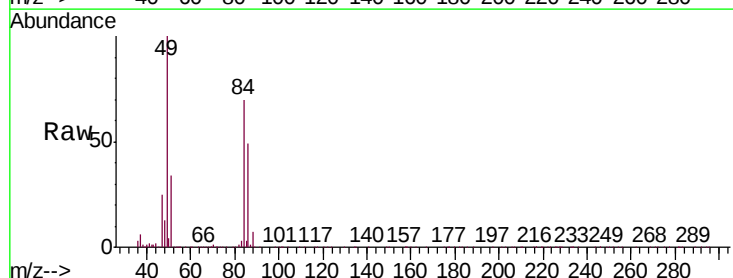
Tgt Ion: 84 Resp: 189317

Ion Ratio Lower Upper

84 100

86 70.9 42.1 78.3

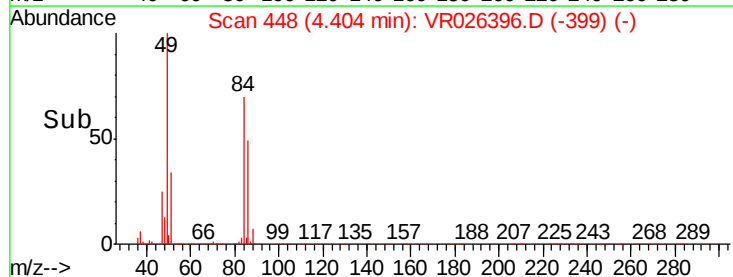
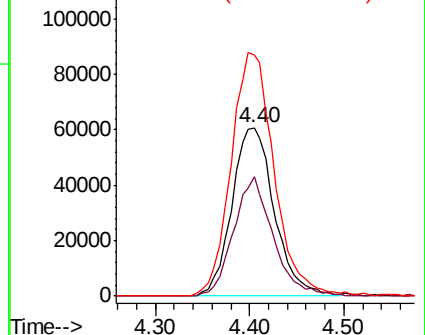
49 143.6 93.8 174.2

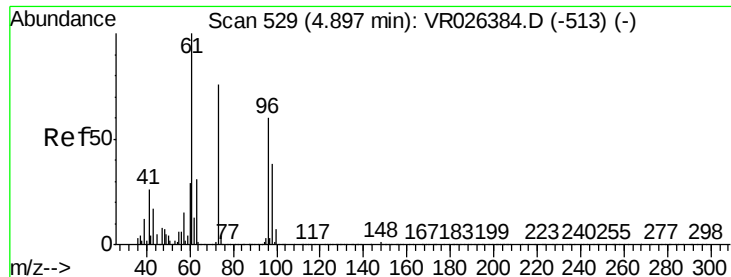


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

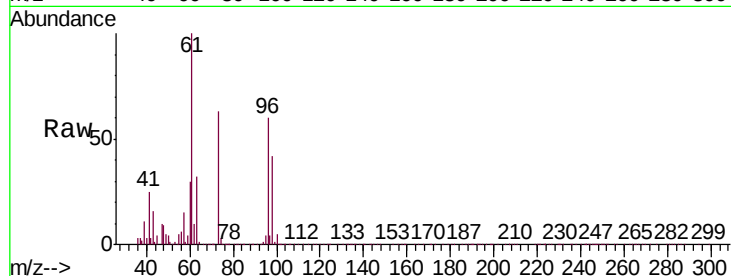
Ion 49.10 (48.80 to 49.80): VR0



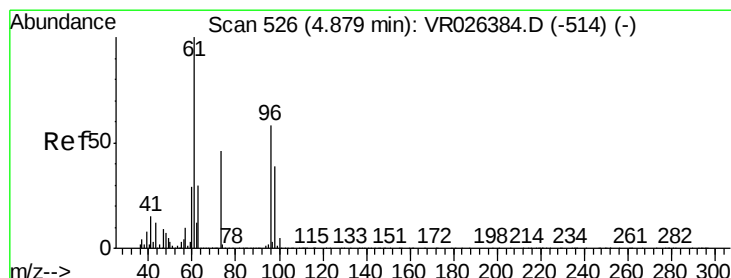
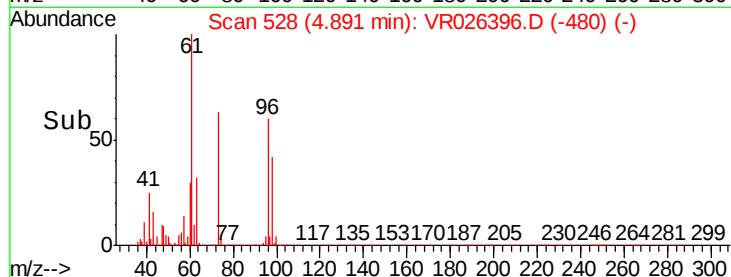
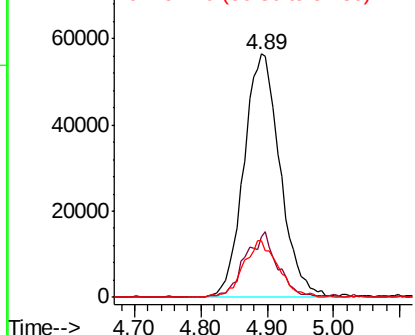


#17
Methyl tert-butyl Ether
Concen: 5.253 ug/L
RT: 4.89 min Scan# 528
Delta R.T. -0.01 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.1	19.4	29.2
57	22.6	19.4	29.0

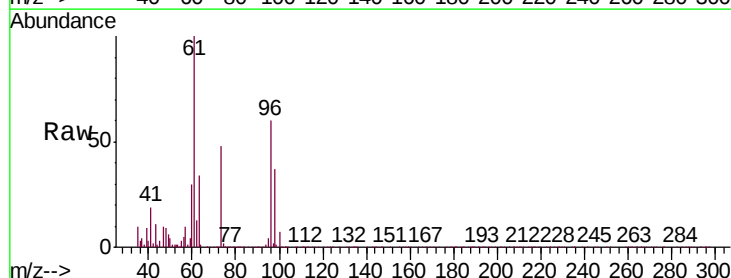


Abundance Ion 73.10 (72.80 to 73.80): VR0
Ion 43.05 (42.75 to 43.75): VR0
Ion 57.10 (56.80 to 57.80): VR0

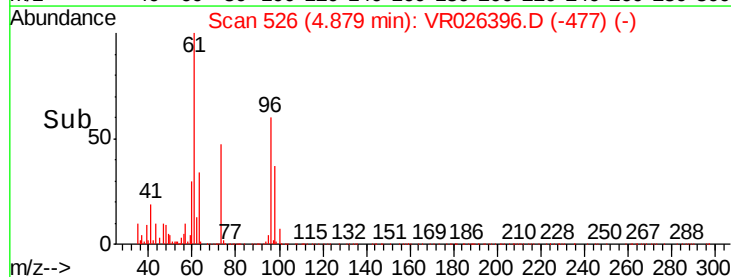
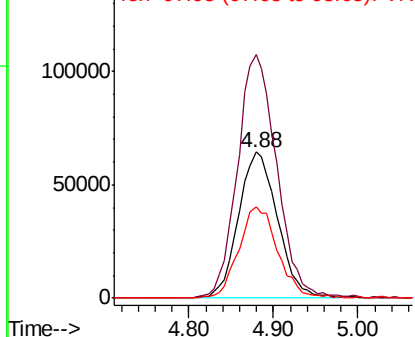


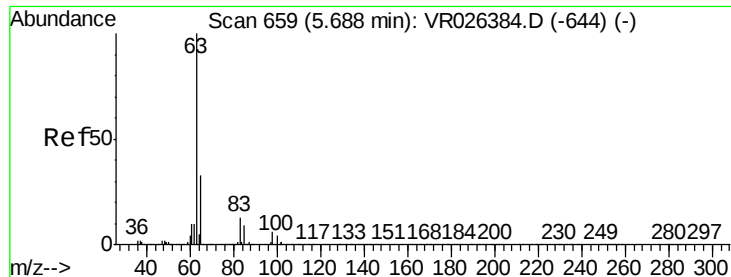
#18
trans-1,2-Dichloroethene
Concen: 5.042 ug/L
RT: 4.88 min Scan# 526
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	109.4	203.2
98	62.3	39.7	73.7



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 97.95 (97.65 to 98.65): VR0





#19

1,1-Dichloroethane

Concen: 4.946 ug/L

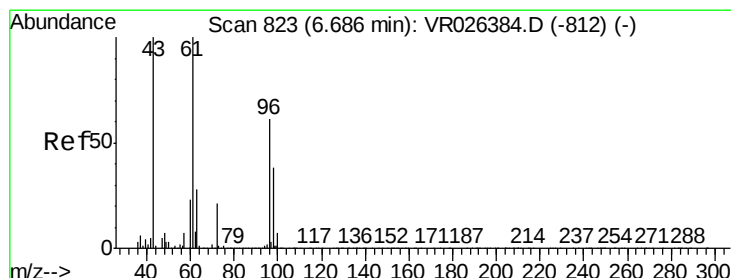
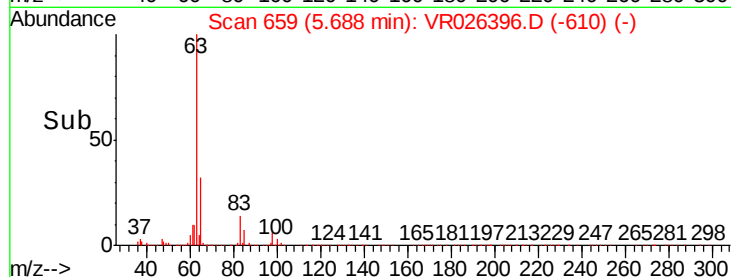
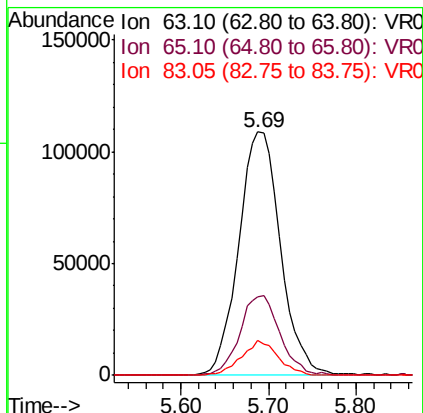
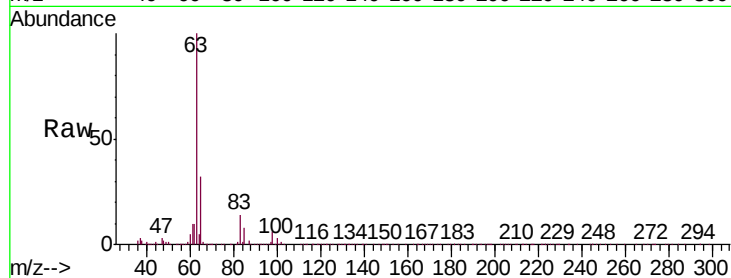
RT: 5.69 min Scan# 659

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	63	Resp:	360587
Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.6	43.8
83	14.4	8.8	16.4



#21

2-Butanone

Concen: 54.030 ug/L

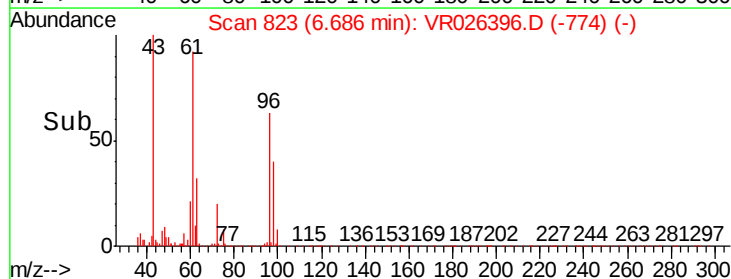
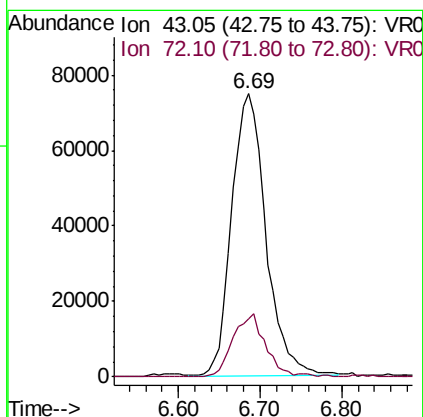
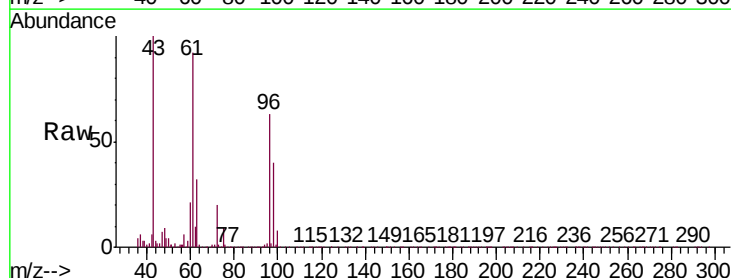
RT: 6.69 min Scan# 823

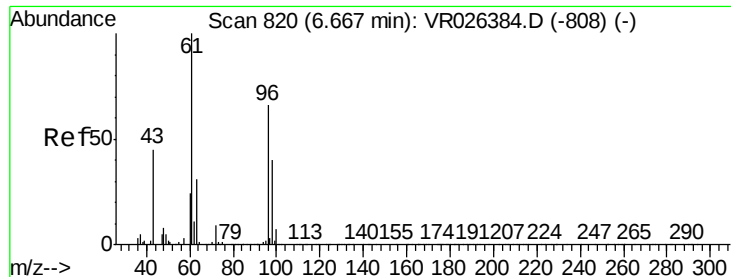
Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	43	Resp:	217200
Ion	Ratio	Lower	Upper
43	100		
72	21.1	10.8	32.4

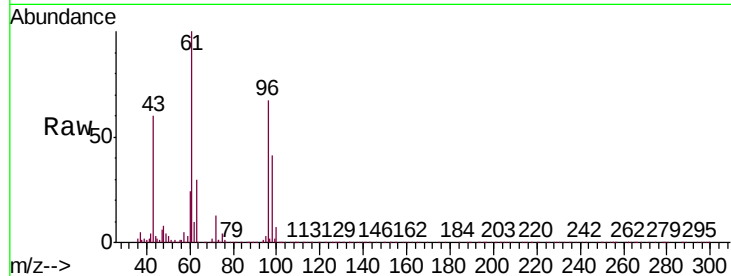




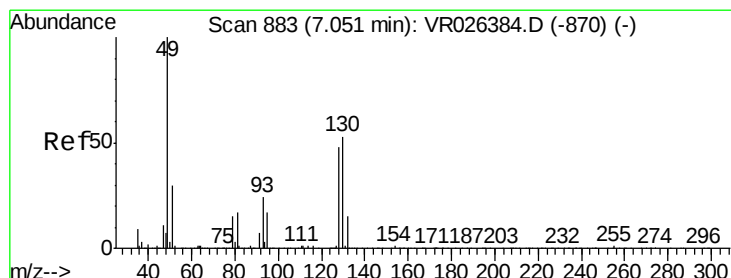
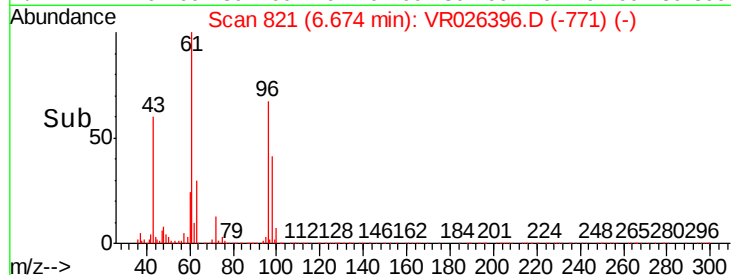
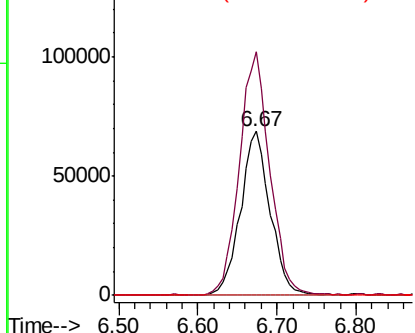
#22

cis-1,2-Dichloroethene
Concen: 5.378 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	100.8	187.2
68	0.0	0.1	0.1#



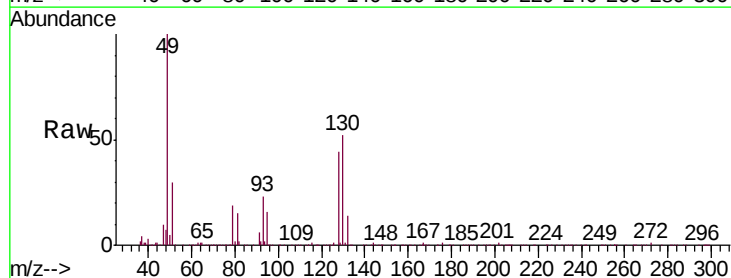
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



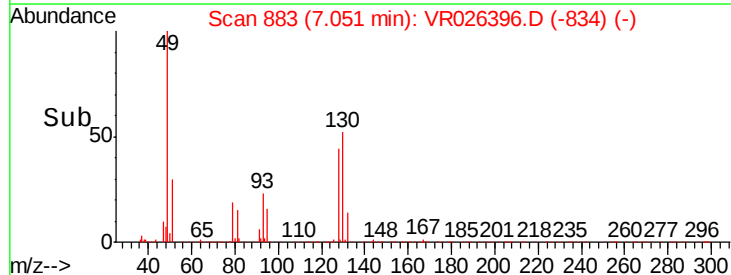
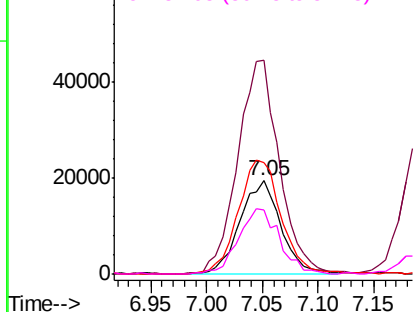
#23

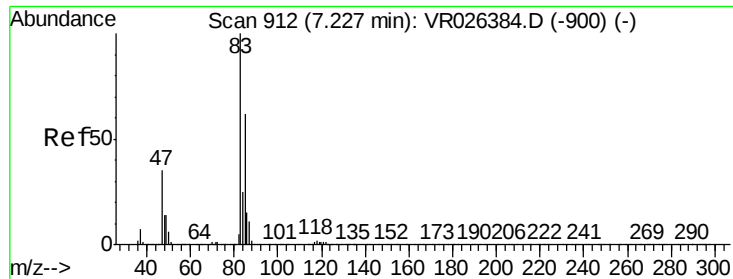
Bromochloromethane
Concen: 4.805 ug/L
RT: 7.05 min Scan# 883
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
128	100		
49	227.0	161.6	300.0
130	118.6	92.3	171.5
51	68.2	56.3	84.5



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VR0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VR0





#25

Chloroform

Concen: 5.178 ug/L

RT: 7.23 min Scan# 912

Delta R.T. 0.00 min

Lab File: VR026396.D

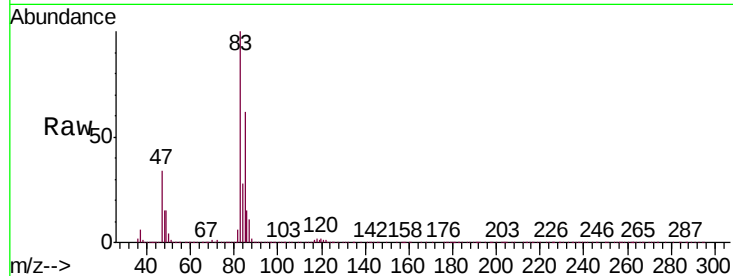
Acq: 26 Feb 2019 19:37

Tgt Ion: 83 Resp: 361973

Ion Ratio Lower Upper

83 100

85 62.4 48.6 90.2



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

150000

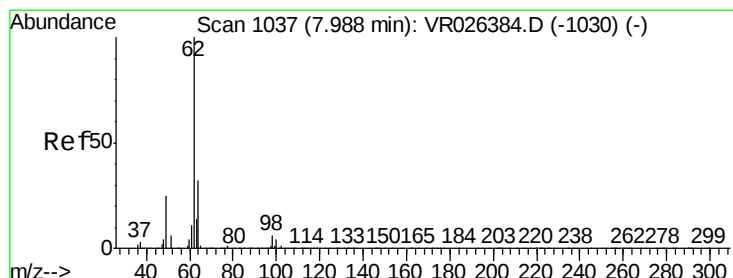
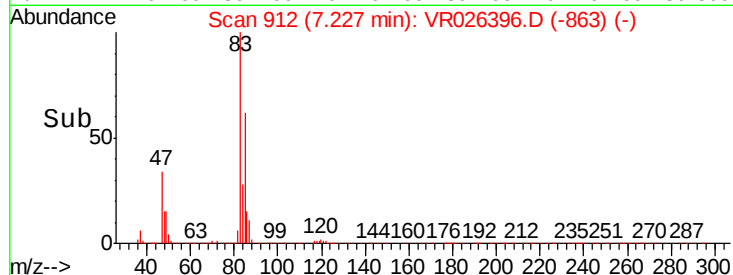
100000

50000

0

7.10 7.20 7.30

Time-->



#27

1,2-Dichloroethane

Concen: 5.121 ug/L

RT: 7.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VR026396.D

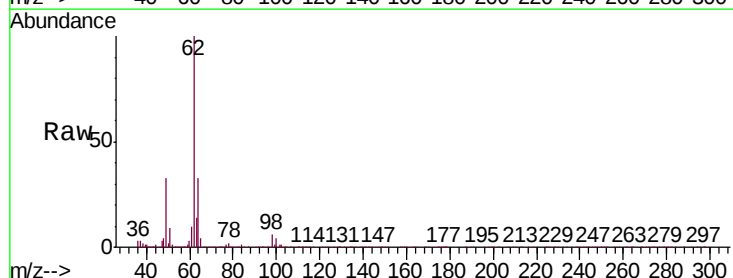
Acq: 26 Feb 2019 19:37

Tgt Ion: 62 Resp: 169407

Ion Ratio Lower Upper

62 100

98 6.4 5.7 8.5



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

7.99

80000

60000

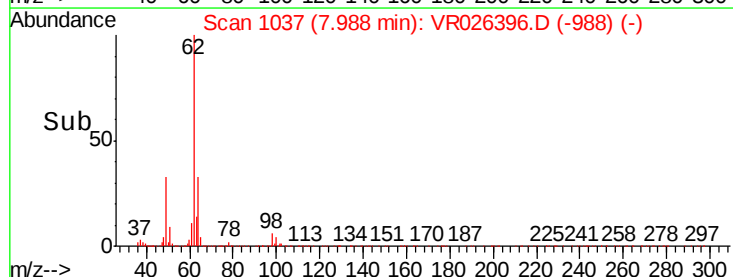
40000

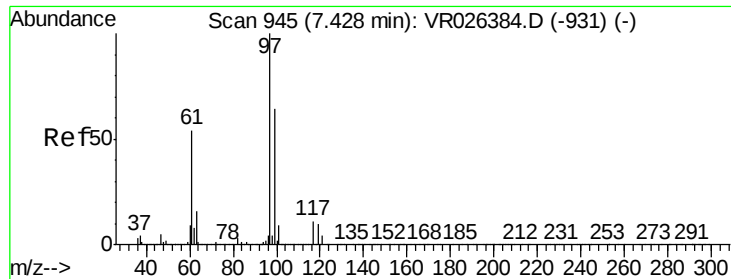
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#29

1,1,1-Trichloroethane

Concen: 5.315 ug/L

RT: 7.43 min Scan# 945

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

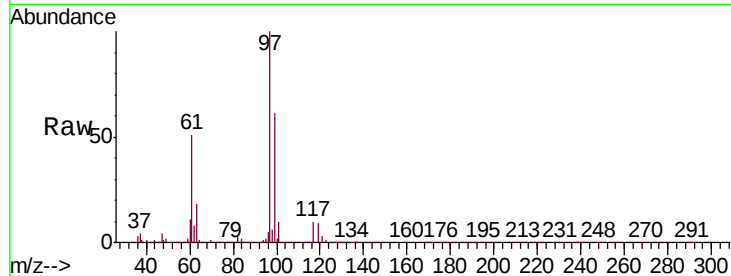
Tgt Ion: 97 Resp: 319730

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

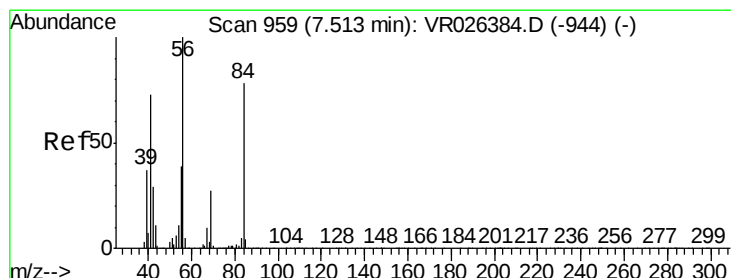
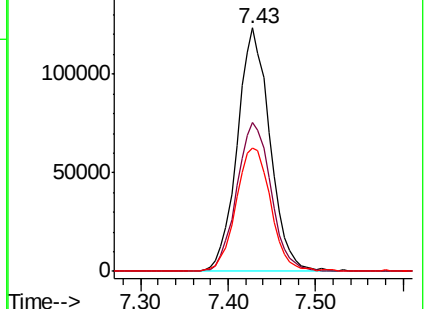
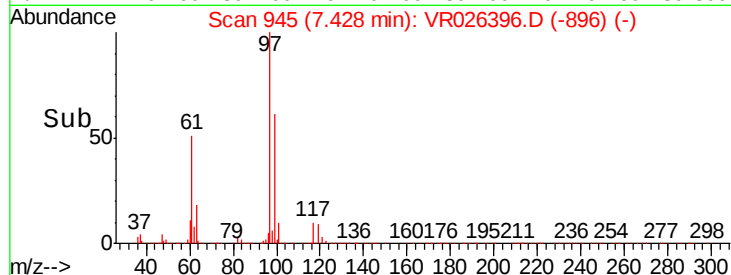
61 53.9 41.8 62.6



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: 5.928 ug/L

RT: 7.51 min Scan# 959

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

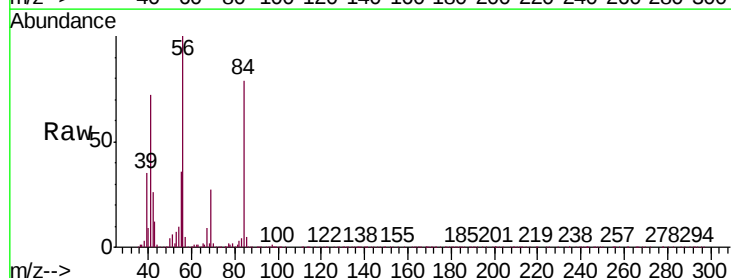
Tgt Ion: 56 Resp: 341002

Ion Ratio Lower Upper

56 100

69 28.4 22.6 34.0

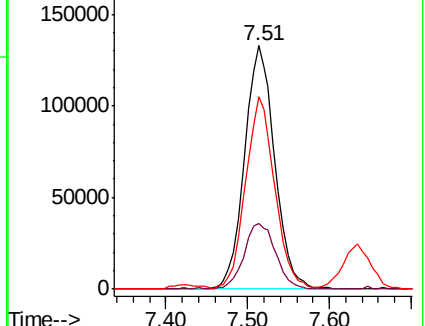
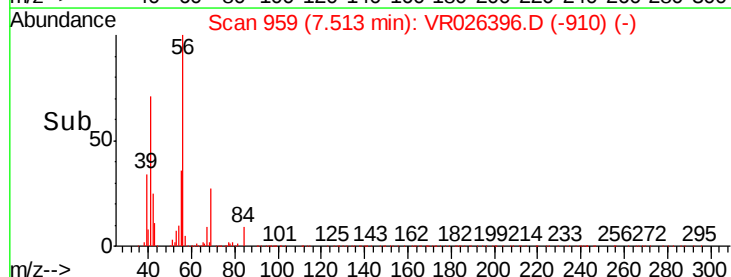
84 76.6 58.2 87.2

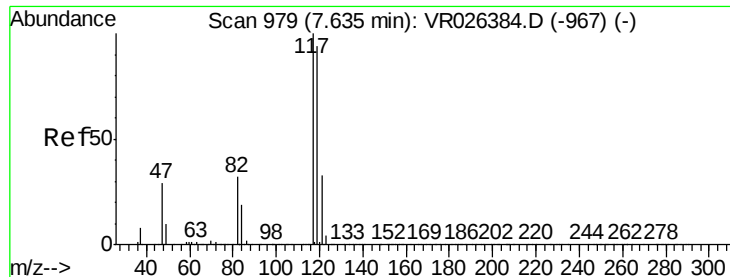


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#31

Carbon tetrachloride

Concen: 5.537 ug/L

RT: 7.63 min Scan# 979

Delta R.T. 0.00 min

Lab File: VR026396.D

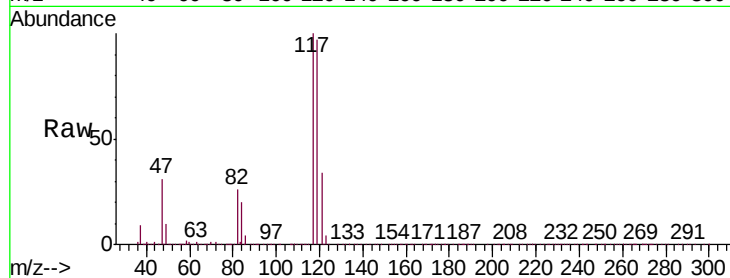
Acq: 26 Feb 2019 19:37

Tgt Ion: 117 Resp: 309619

Ion Ratio Lower Upper

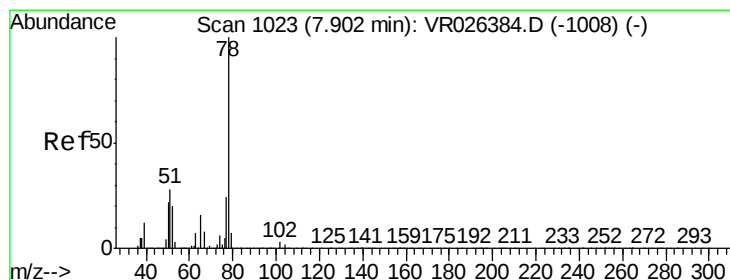
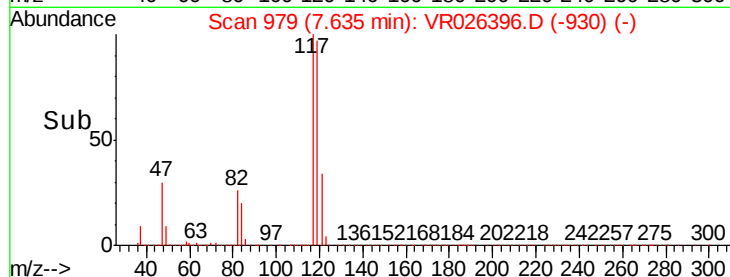
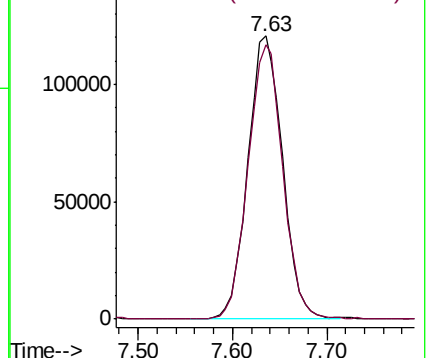
117 100

119 97.5 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.081 ug/L

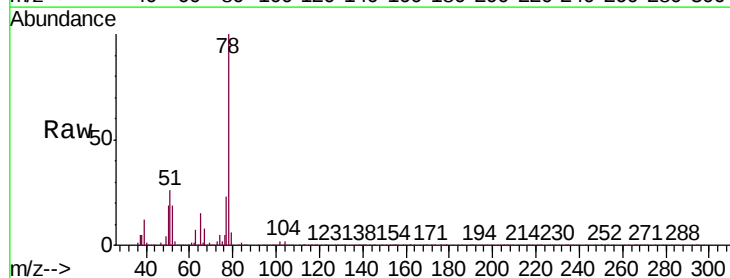
RT: 7.90 min Scan# 1023

Delta R.T. 0.00 min

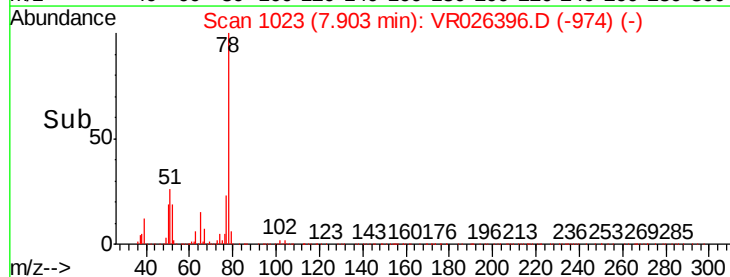
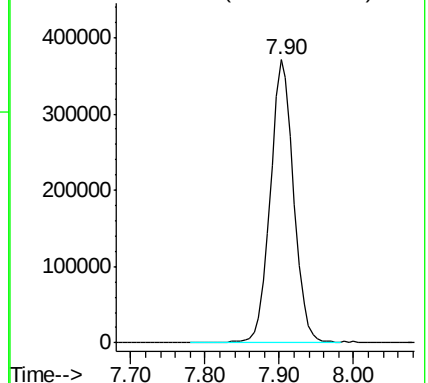
Lab File: VR026396.D

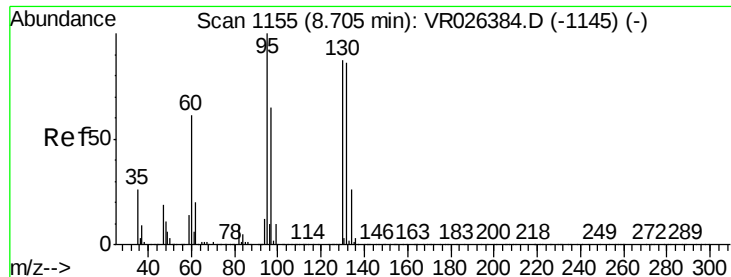
Acq: 26 Feb 2019 19:37

Tgt Ion: 78 Resp: 810507



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 5.175 ug/L

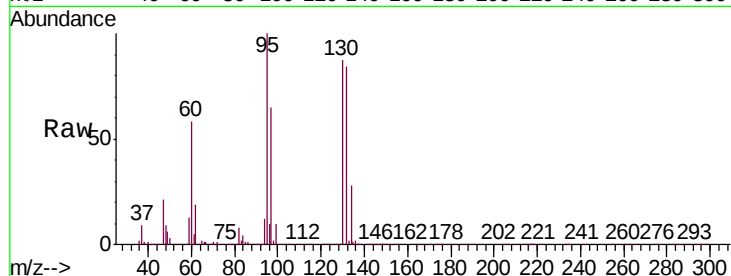
RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	95	Resp:	207667
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.5	80.7
132	83.5	58.6	108.8
130	87.1	59.4	110.2

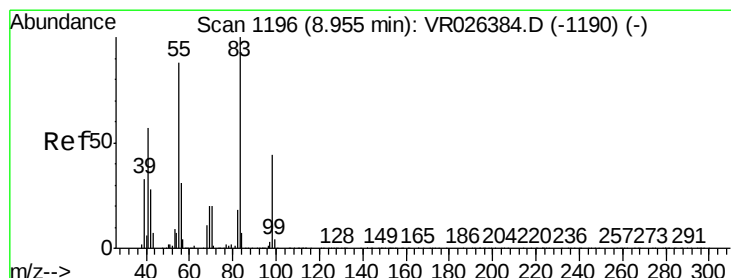
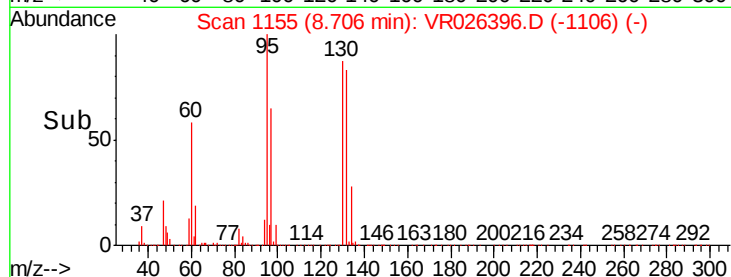
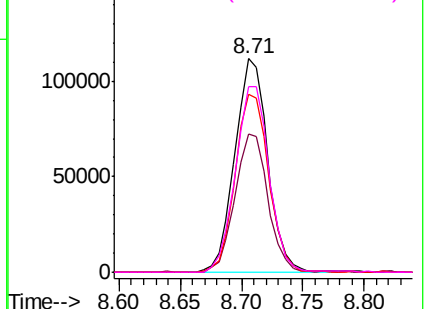


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.759 ug/L

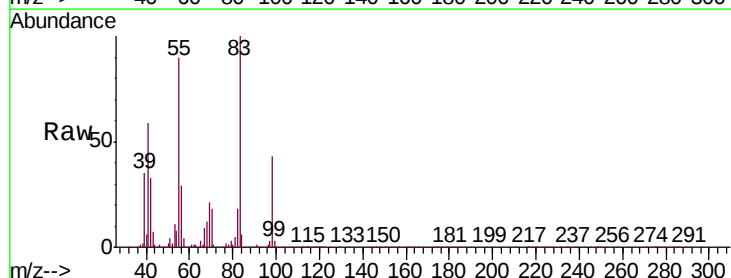
RT: 8.95 min Scan# 1196

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

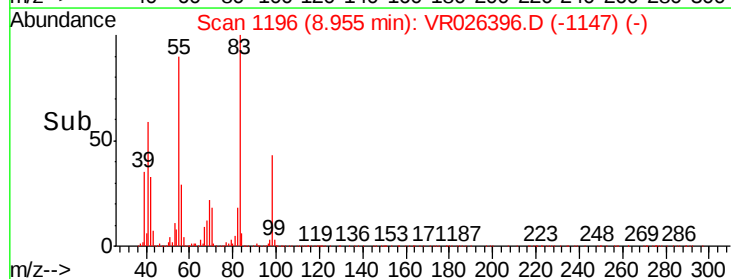
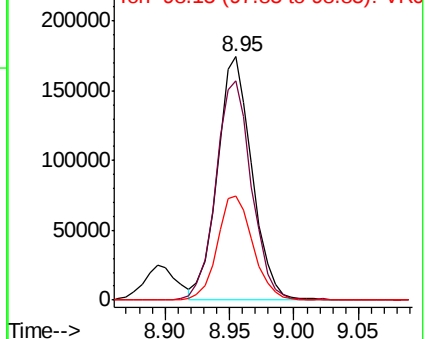
Tgt Ion:	83	Resp:	327773
Ion	Ratio	Lower	Upper
83	100		
55	92.4	72.2	108.2
98	43.8	35.0	52.4

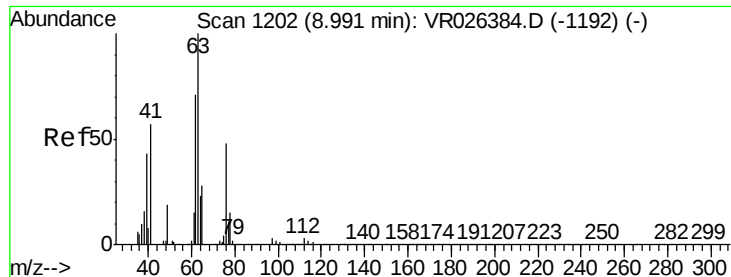


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

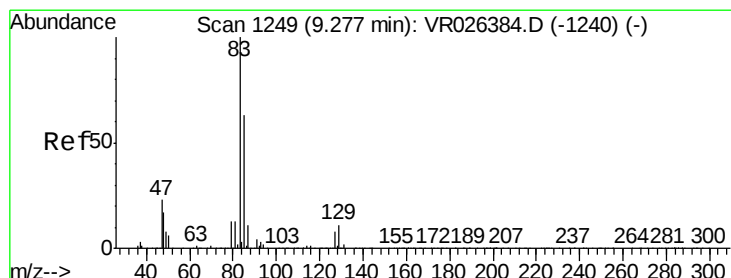
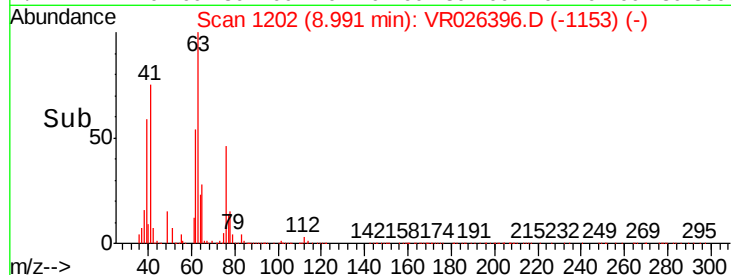
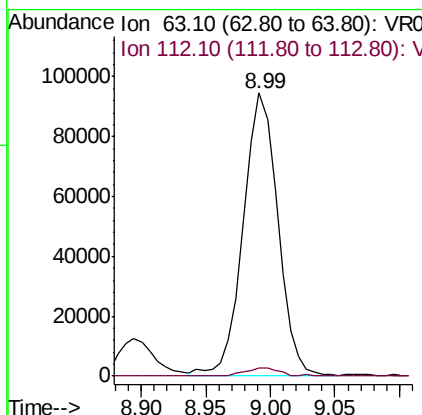
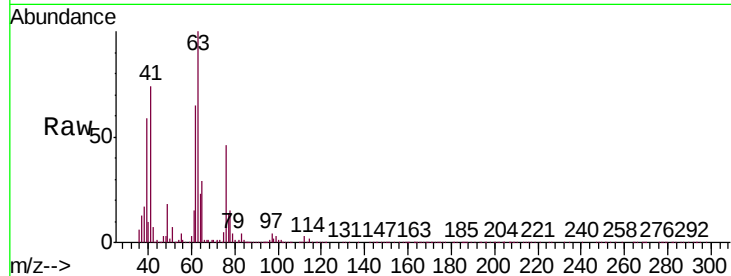
Ion 98.15 (97.85 to 98.85): VR0





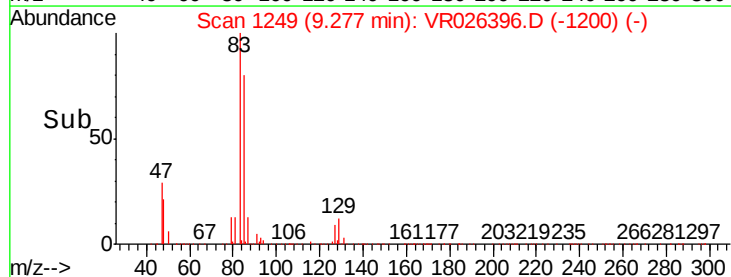
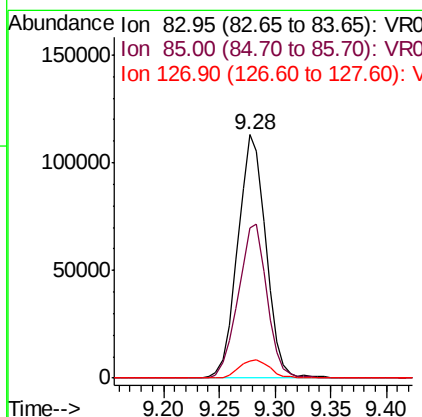
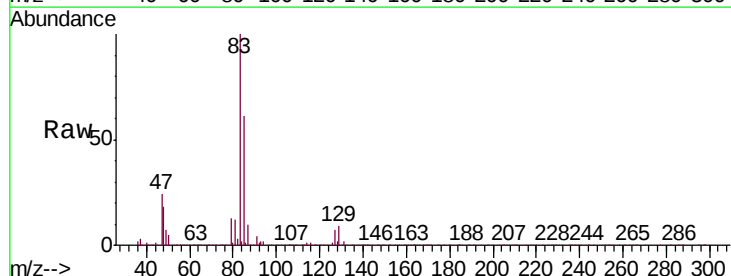
#37
 1,2-Dichloropropane
 Concen: 5.147 ug/L
 RT: 8.99 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

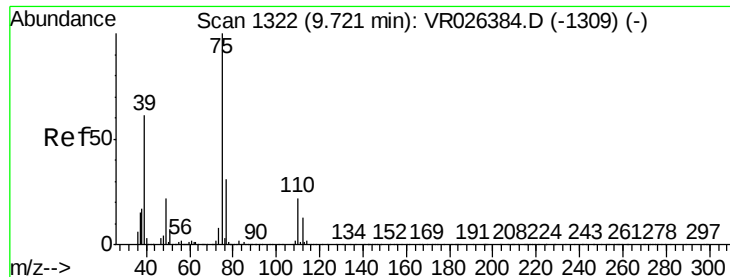
Tgt Ion: 63 Resp: 174369
 Ion Ratio Lower Upper
 63 100
 112 3.3 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 5.079 ug/L
 RT: 9.28 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion: 83 Resp: 197268
 Ion Ratio Lower Upper
 83 100
 85 61.5 41.0 76.2
 127 7.0 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 5.200 ug/L

RT: 9.72 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VR026396.D

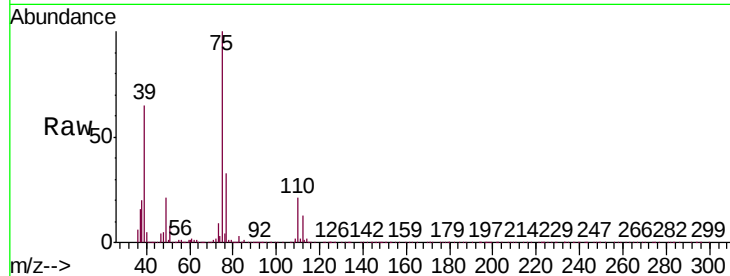
Acq: 26 Feb 2019 19:37

Tgt Ion: 75 Resp: 192401

Ion Ratio Lower Upper

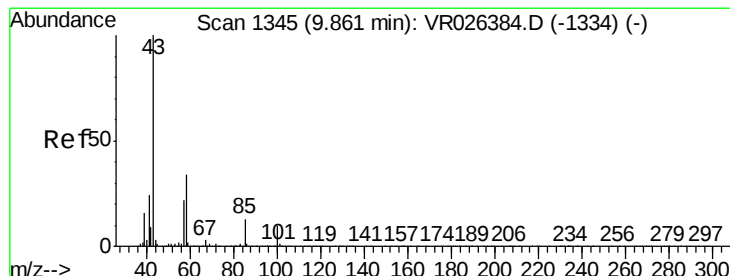
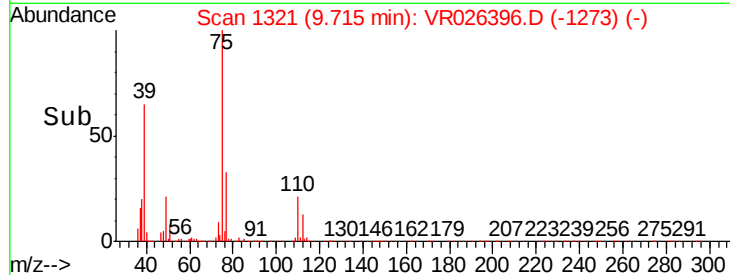
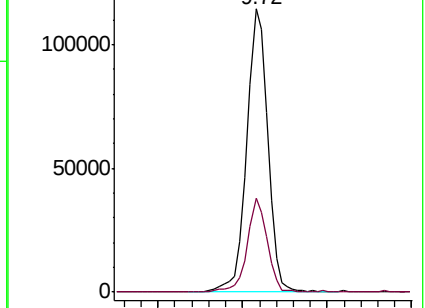
75 100

77 33.1 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#40

4-Methyl-2-pentanone

Concen: 58.990 ug/L

RT: 9.86 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

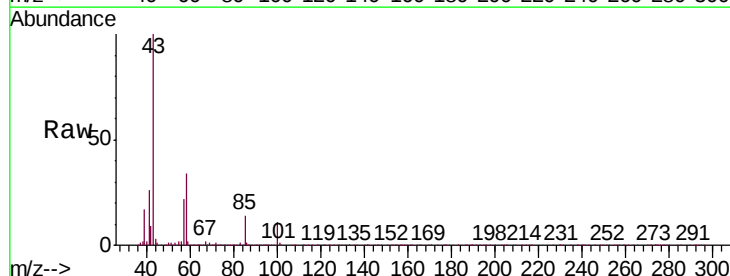
Tgt Ion: 43 Resp: 546406

Ion Ratio Lower Upper

43 100

58 32.5 26.7 40.1

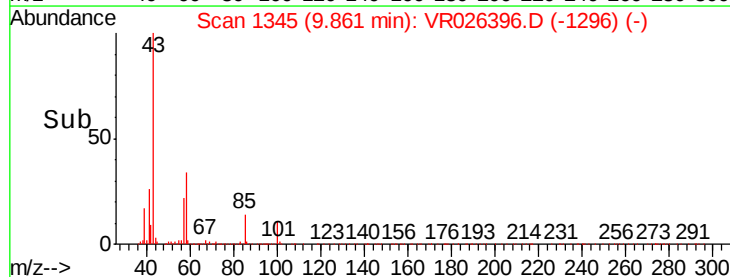
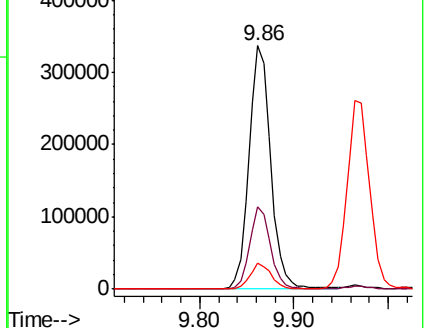
100 10.5 8.4 12.6

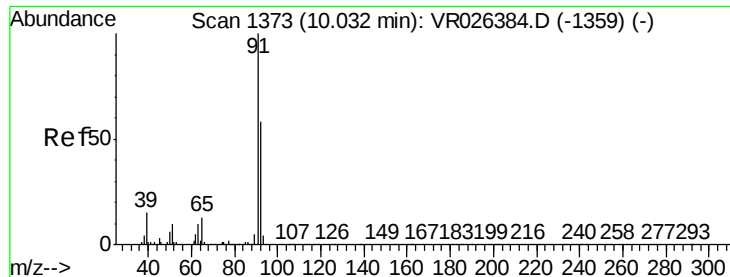


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 100.15 (99.85 to 100.85): VR0





#42

Toluene

Concen: 5.418 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. 0.00 min

Lab File: VR026396.D

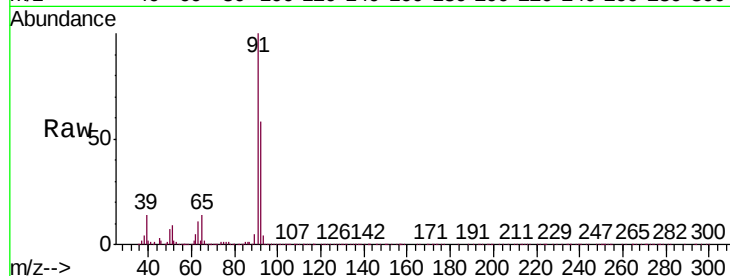
Acq: 26 Feb 2019 19:37

Tgt Ion: 91 Resp: 868097

Ion Ratio Lower Upper

91 100

92 57.6 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

10.03

600000

500000

400000

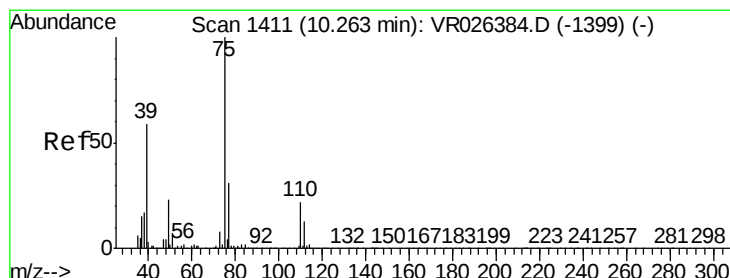
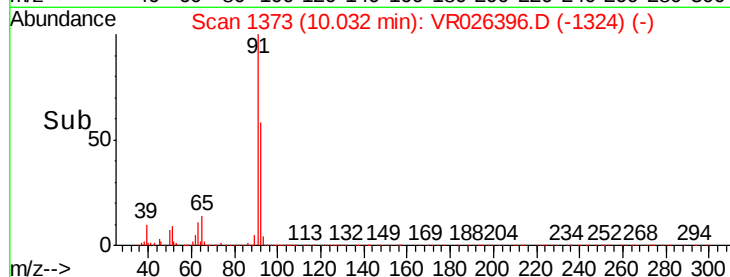
300000

200000

100000

0

Time--> 9.90 10.00 10.10



#44

trans-1,3-Dichloropropene

Concen: 5.072 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VR026396.D

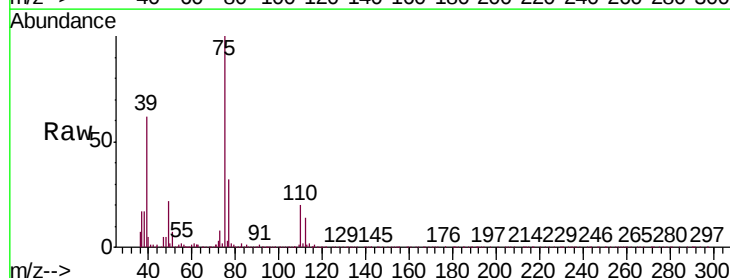
Acq: 26 Feb 2019 19:37

Tgt Ion: 75 Resp: 136829

Ion Ratio Lower Upper

75 100

77 32.2 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.26

100000

80000

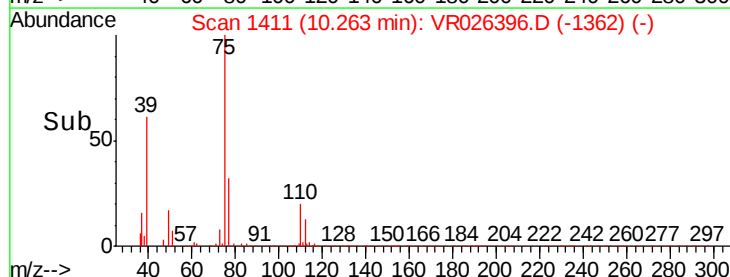
60000

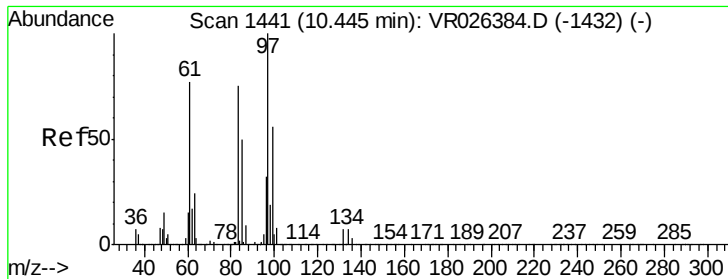
40000

20000

0

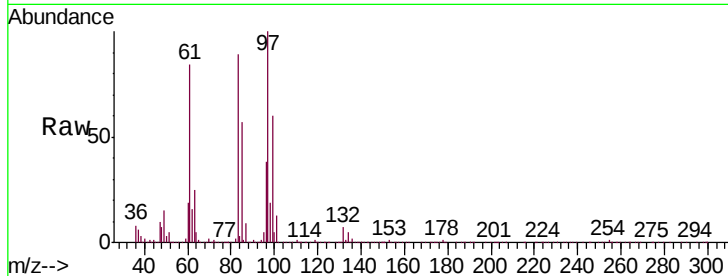
Time--> 10.20 10.30



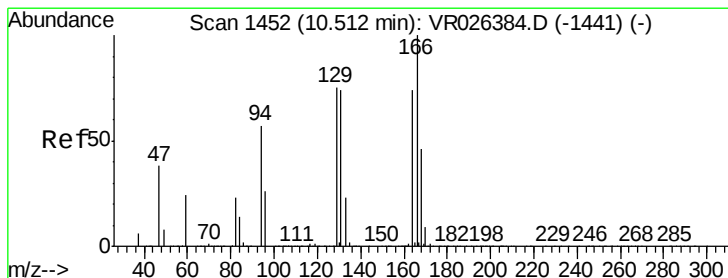
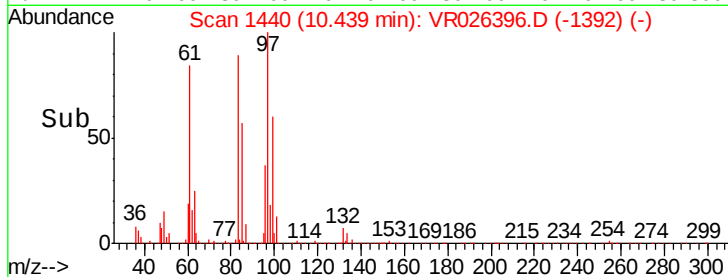
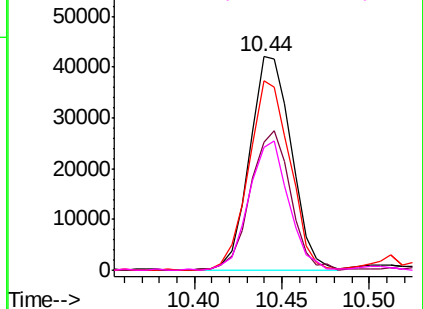


#45
 1,1,2-Trichloroethane
 Concen: 4.978 ug/L
 RT: 10.44 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion:	97	Resp:	69669
Ion	Ratio	Lower	Upper
97	100		
99	59.9	38.1	70.7
83	88.7	59.6	110.6
85	57.3	43.5	80.9

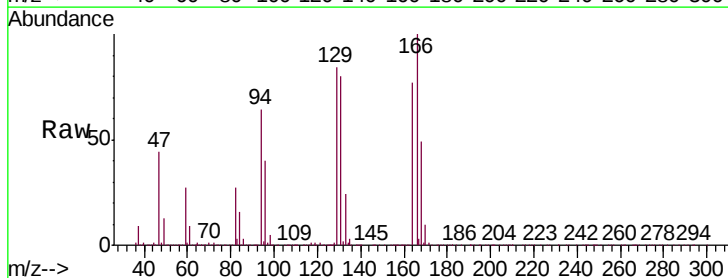


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 82.95 (82.65 to 83.65): VR0
 Ion 85.00 (84.70 to 85.70): VR0

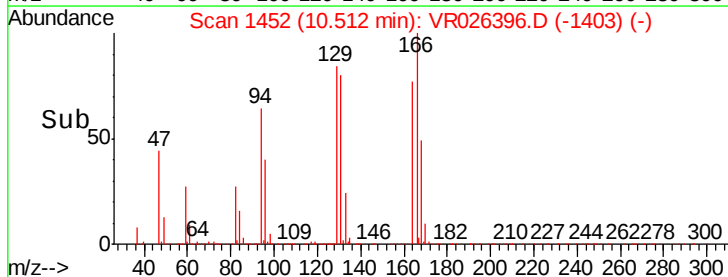
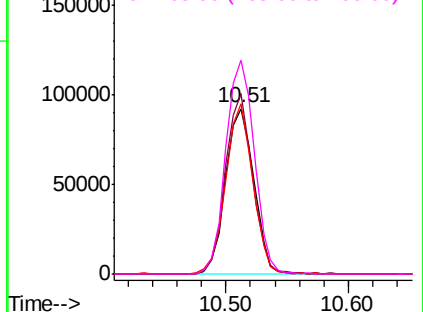


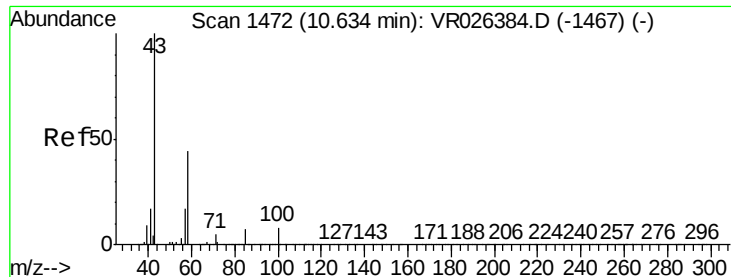
#47
 Tetrachloroethene
 Concen: 5.088 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion:	164	Resp:	148048
Ion	Ratio	Lower	Upper
164	100		
129	109.1	67.2	124.8
131	103.3	67.3	125.1
166	129.3	90.4	167.8



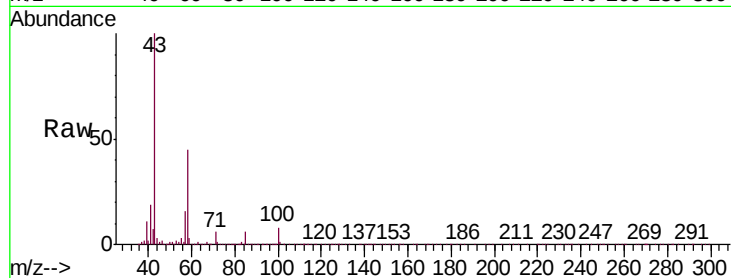
Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V



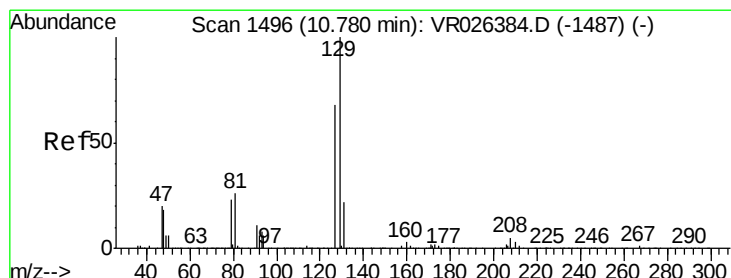
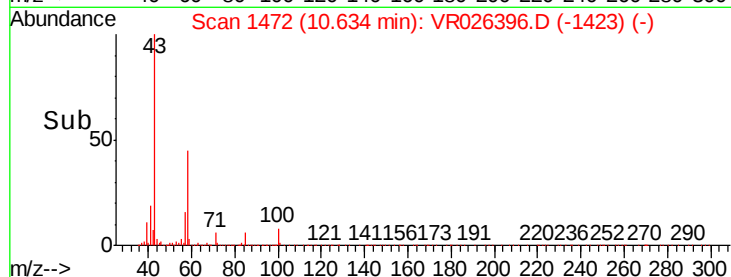
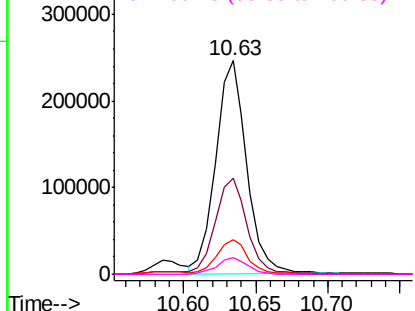


#48
2-Hexanone
Concen: 57.972 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion:	43	Resp:	371037
Ion	Ratio	Lower	Upper
43	100		
58	46.1	38.4	57.6
57	16.5	13.2	19.8
100	8.1	6.3	9.5

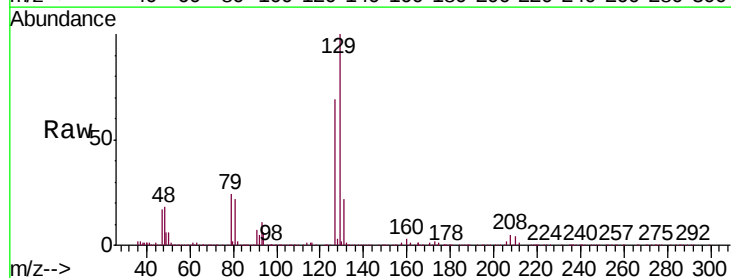


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

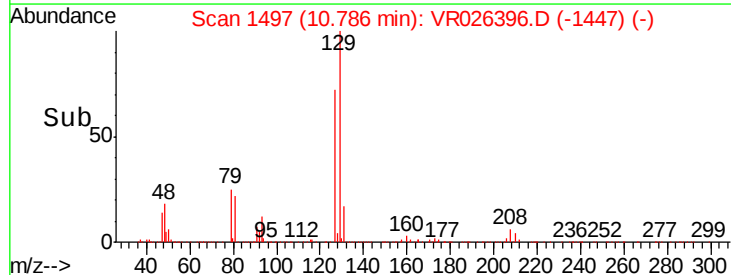
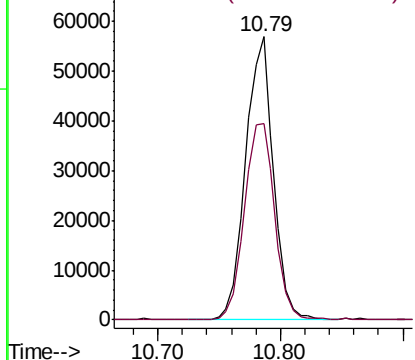


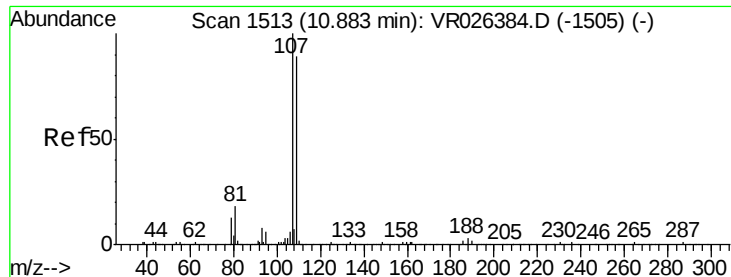
#49
Dibromochloromethane
Concen: 5.155 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. 0.01 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion:	129	Resp:	89682
Ion	Ratio	Lower	Upper
129	100		
127	69.3	52.1	96.7



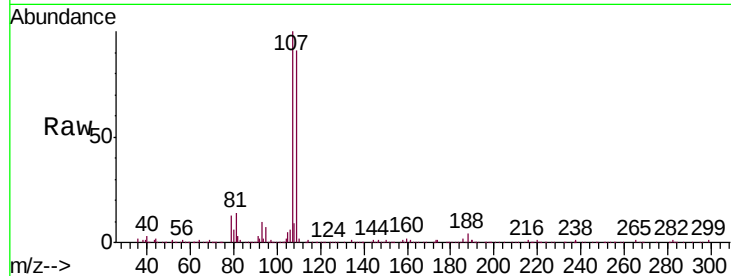
Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V



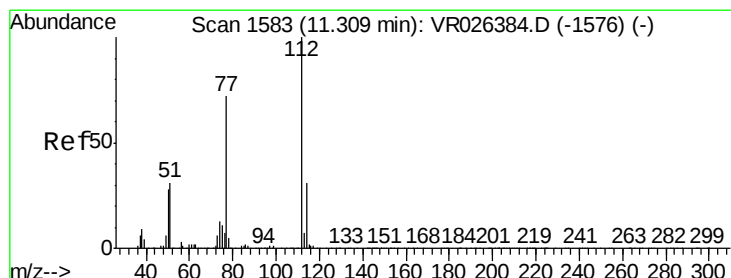
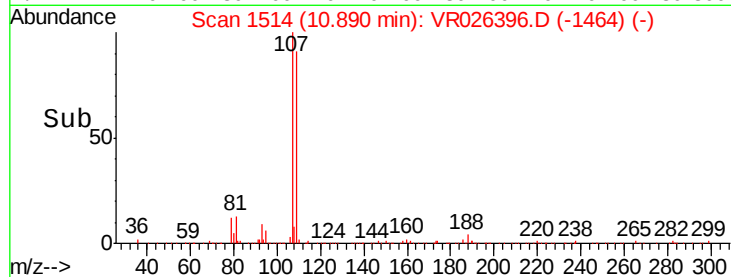
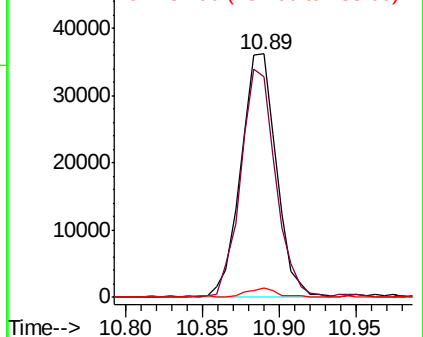


#50
1,2-Dibromoethane
Concen: 5.340 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
109	90.8	66.4	123.4
188	3.8	2.2	3.2#

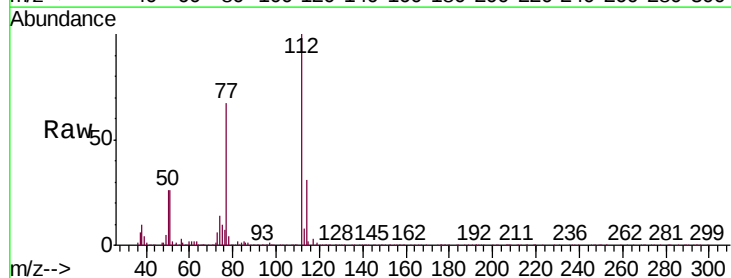


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

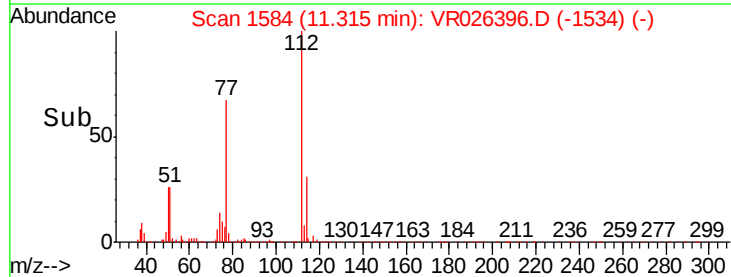
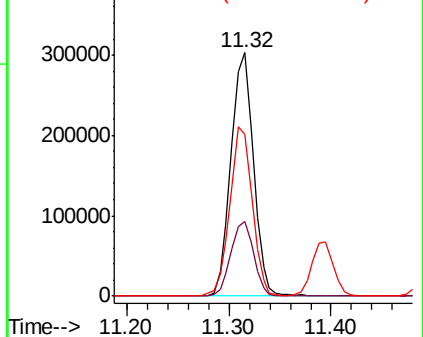


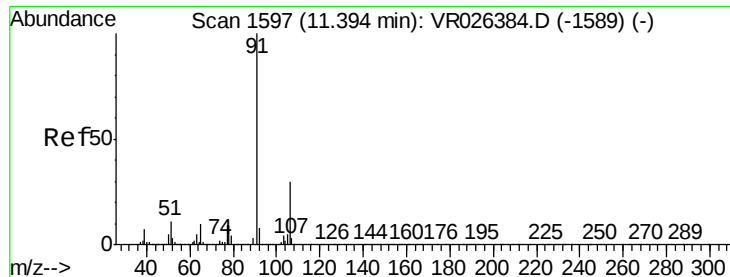
#51
Chlorobenzene
Concen: 5.267 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.0	41.0
77	66.6	55.4	83.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.701 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VR026396.D

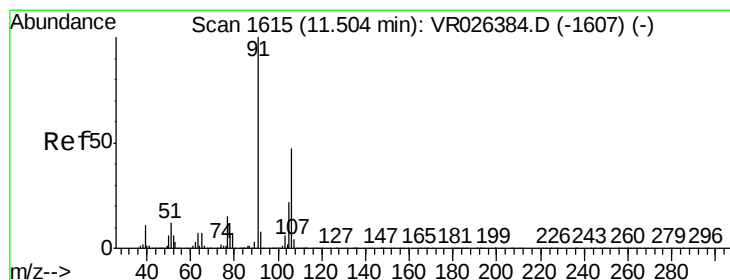
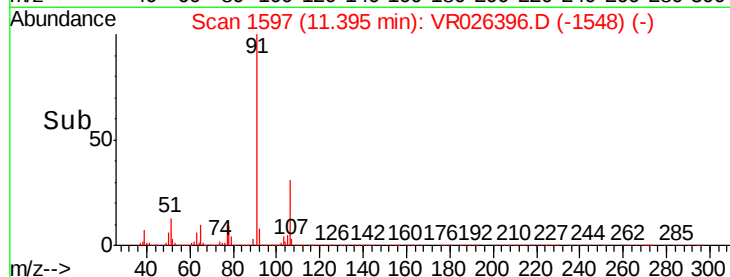
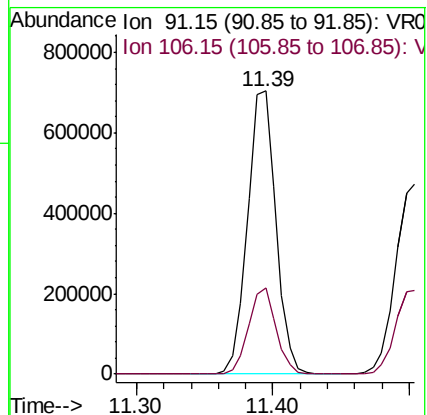
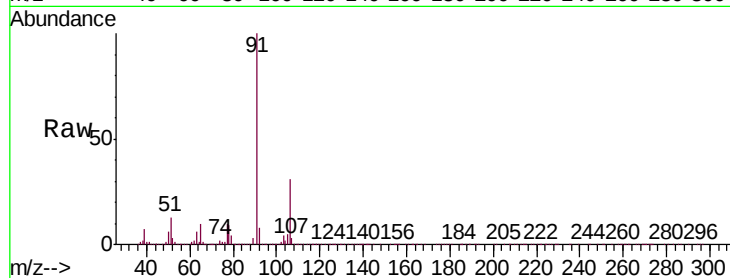
Acq: 26 Feb 2019 19:37

Tgt Ion: 91 Resp: 1026638

Ion Ratio Lower Upper

91 100

106 30.5 21.2 39.4



#53

m,p-Xylene

Concen: 5.629 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VR026396.D

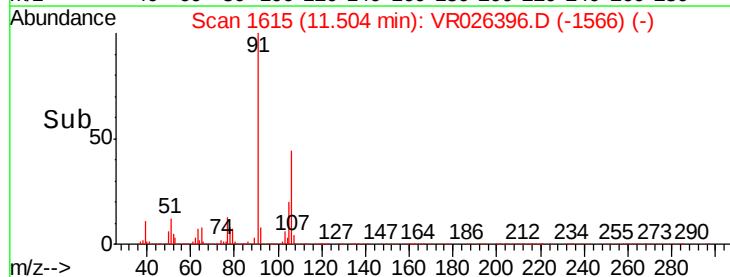
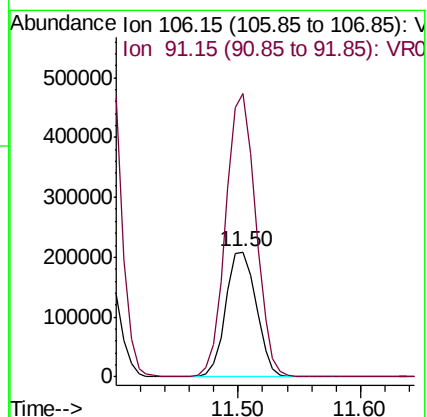
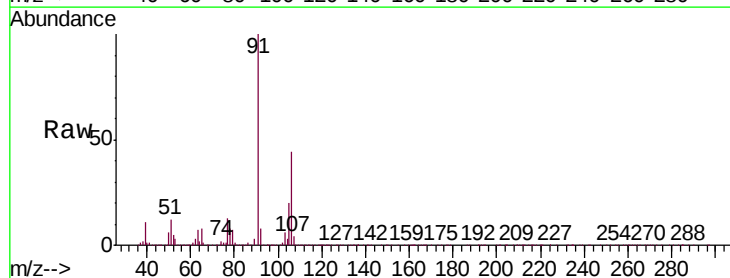
Acq: 26 Feb 2019 19:37

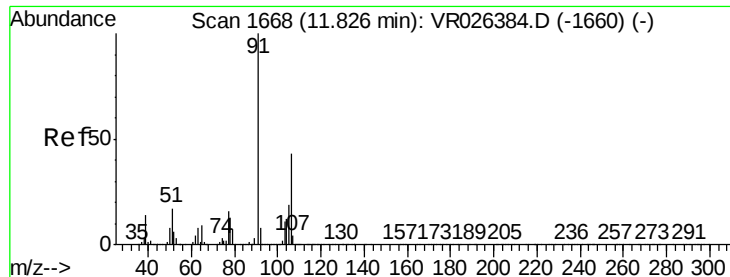
Tgt Ion: 106 Resp: 361333

Ion Ratio Lower Upper

106 100

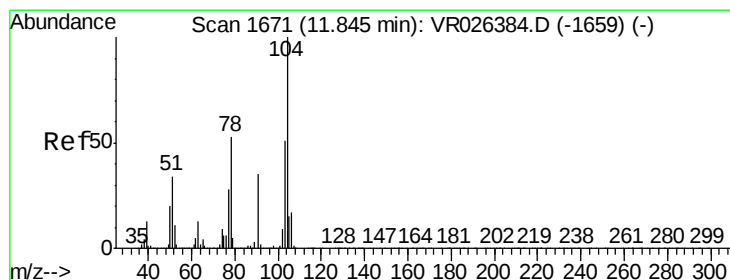
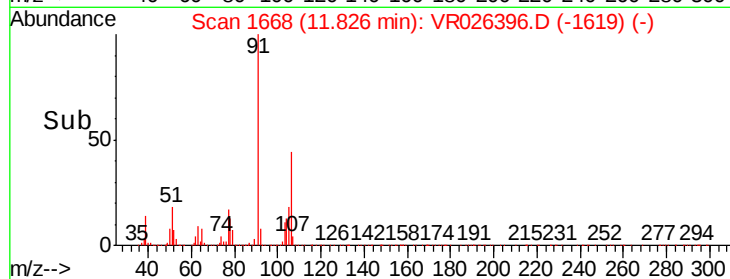
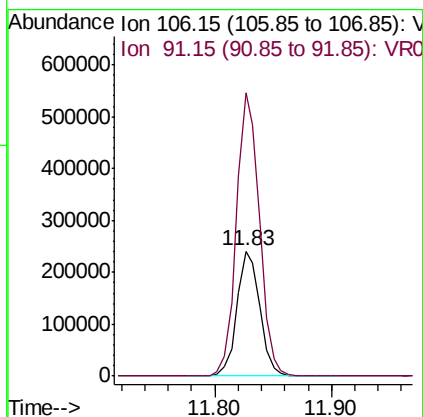
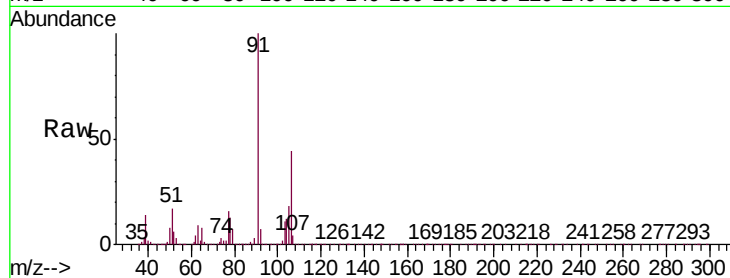
91 226.7 153.9 285.7





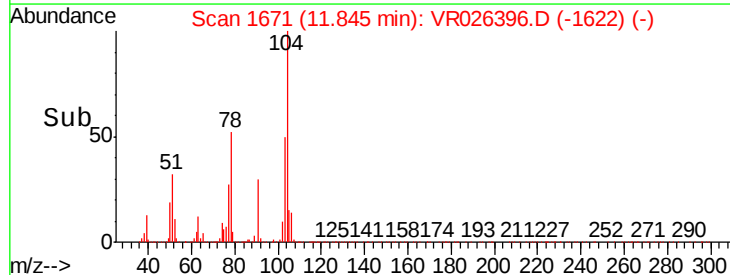
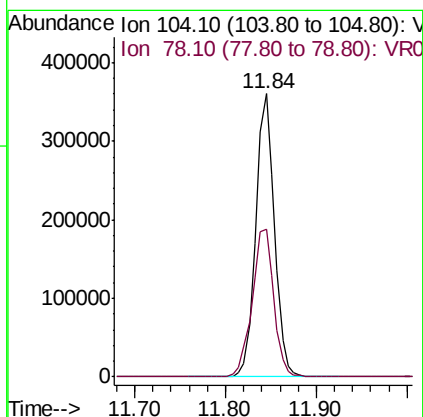
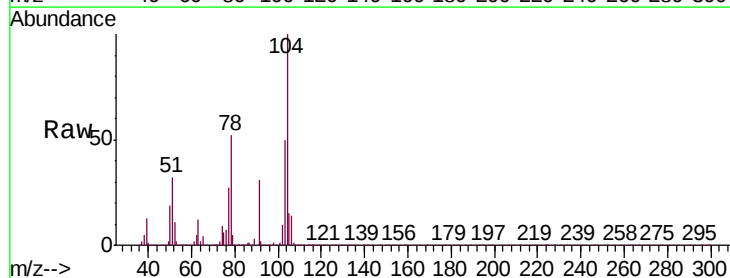
#54
o-Xylene
Concen: 5.905 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

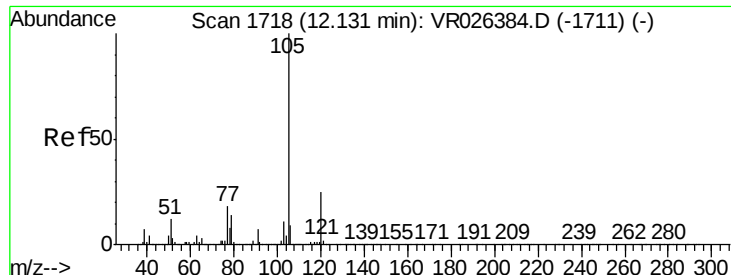
Tgt Ion:106 Resp: 330870
Ion Ratio Lower Upper
106 100
91 226.5 162.5 301.9



#55
Styrene
Concen: 5.779 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion:104 Resp: 511837
Ion Ratio Lower Upper
104 100
78 52.3 36.5 67.7





#56

Isopropylbenzene

Concen: 6.141 ug/L

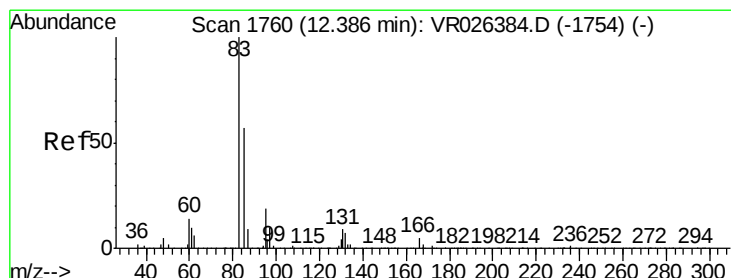
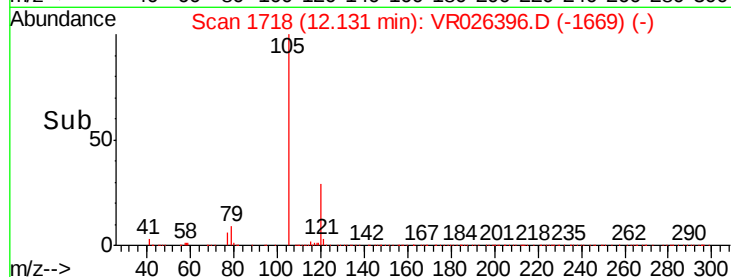
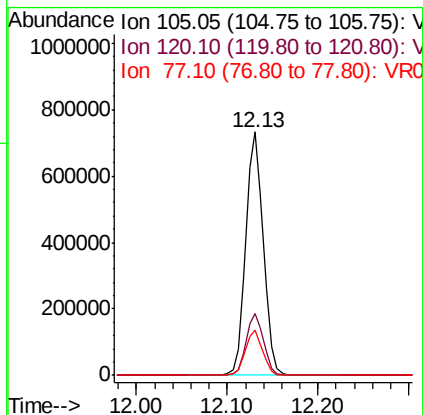
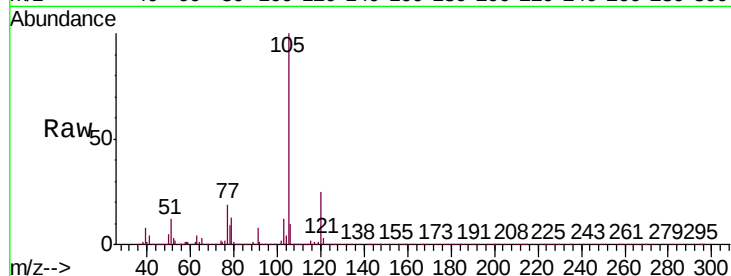
RT: 12.13 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	105	Resp:	977241
Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.4	30.6
77	18.5	14.4	21.6



#58

1,1,2,2-Tetrachloroethane

Concen: 5.159 ug/L

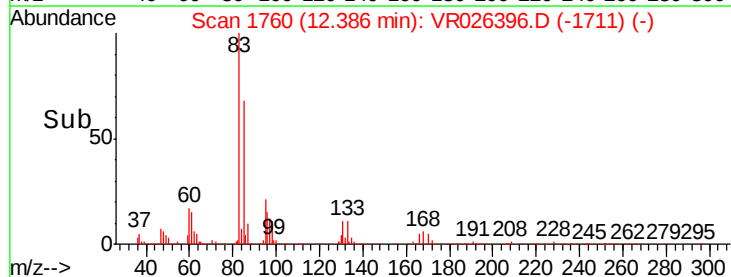
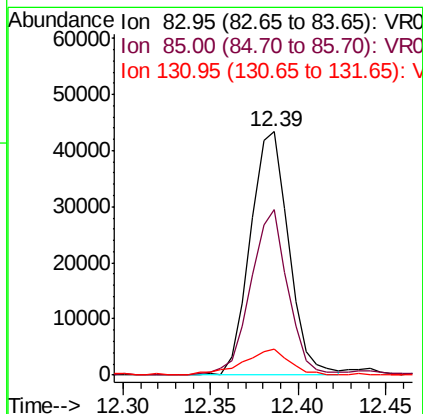
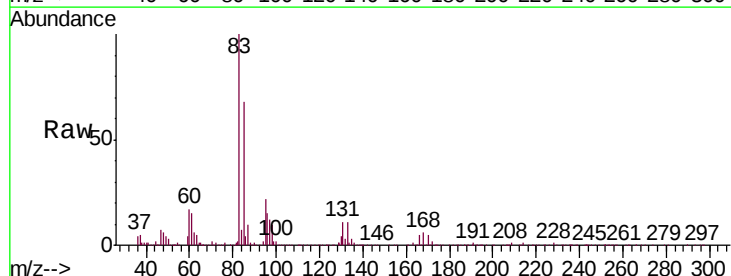
RT: 12.39 min Scan# 1760

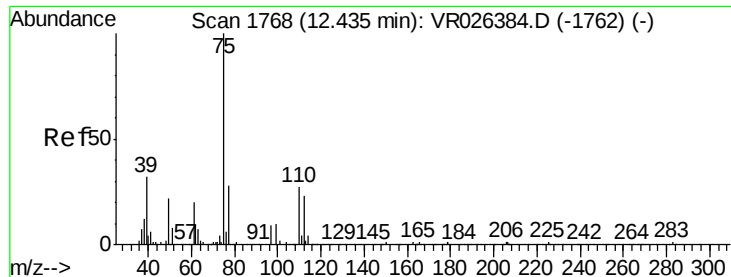
Delta R.T. 0.00 min

Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

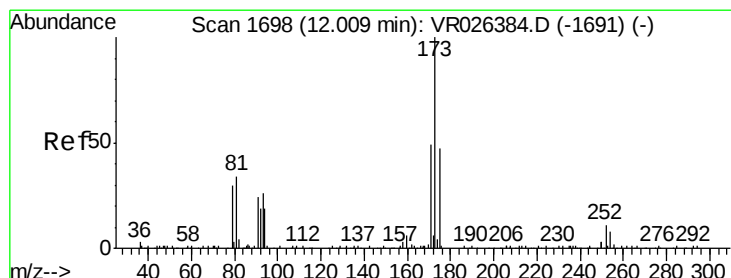
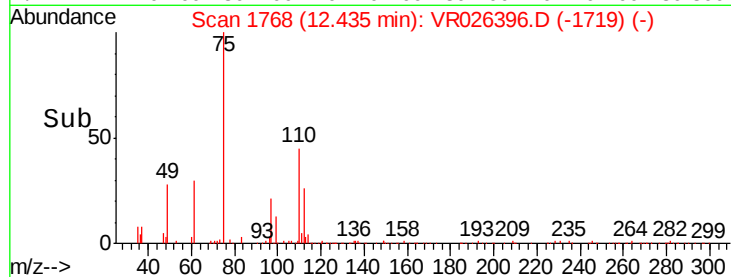
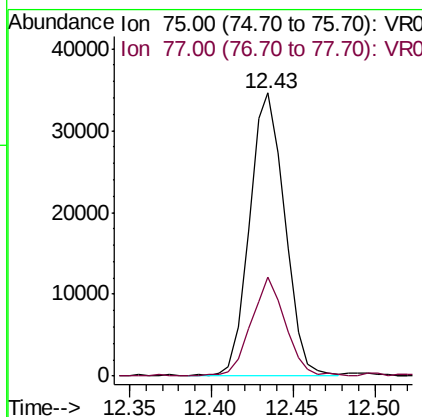
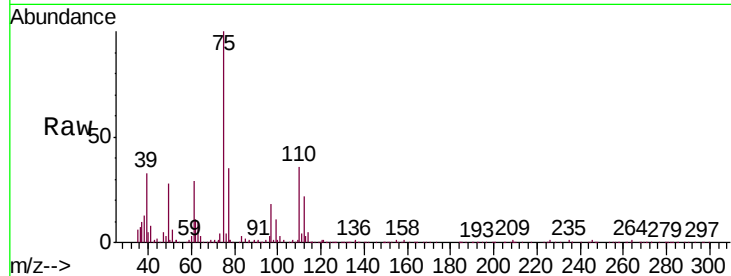
Tgt Ion:	83	Resp:	65776
Ion	Ratio	Lower	Upper
83	100		
85	68.1	46.1	85.7
131	10.7	6.1	9.1#





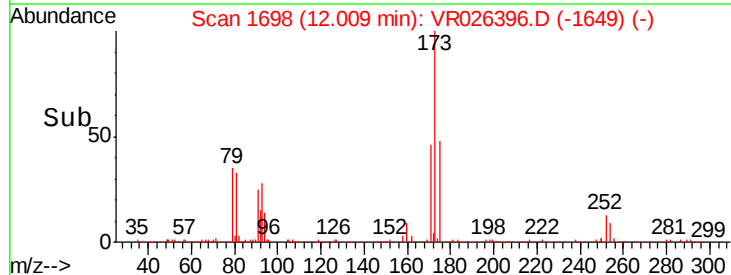
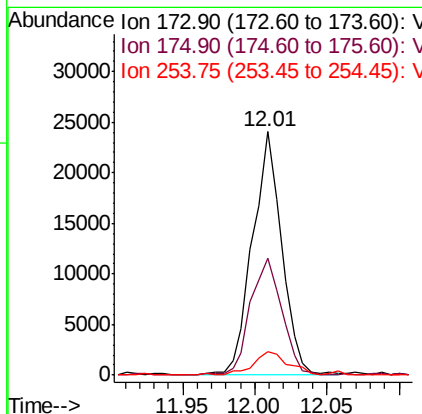
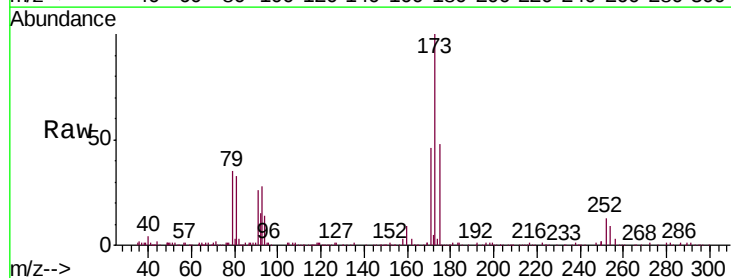
#59
 1,2,3-Trichloropropane
 Concen: 5.582 ug/L
 RT: 12.43 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

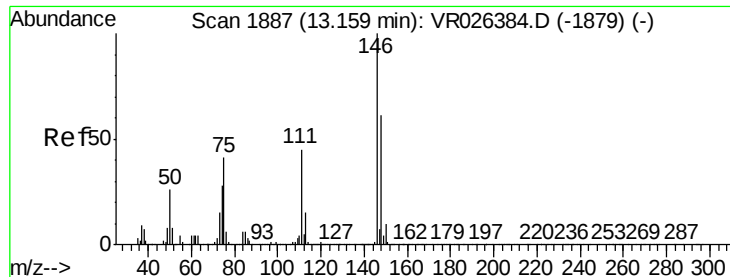
Tgt Ion: 75 Resp: 52102
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.2



#61
 Bromoform
 Concen: 4.357 ug/L
 RT: 12.01 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion: 173 Resp: 33836
 Ion Ratio Lower Upper
 173 100
 175 51.5 38.8 58.2
 254 11.7 7.7 11.5#





#62

1,3-Dichlorobenzene

Concen: 5.196 ug/L

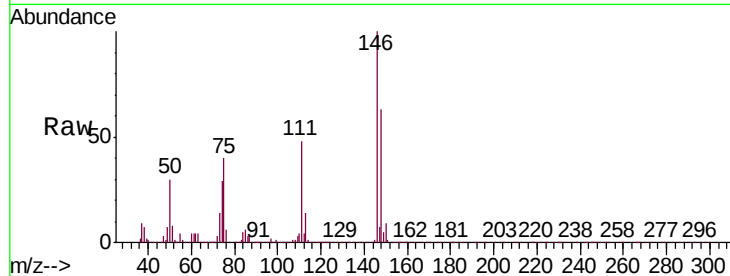
RT: 13.16 min Scan# 1887

Delta R.T. 0.00 min

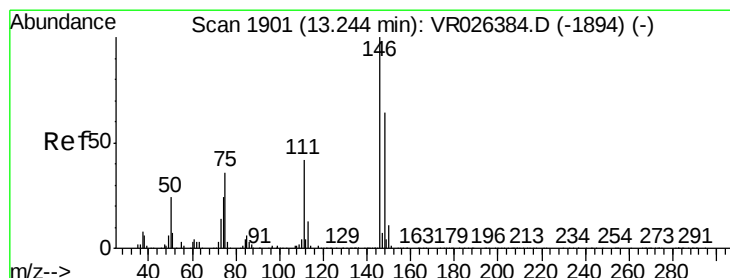
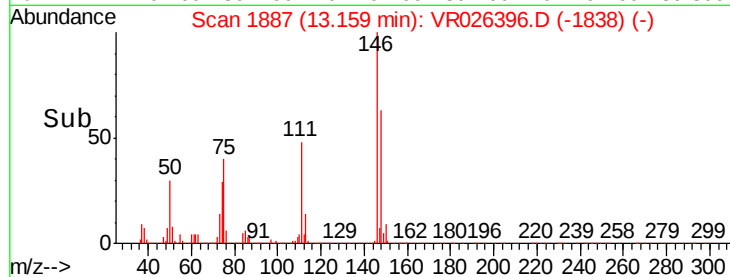
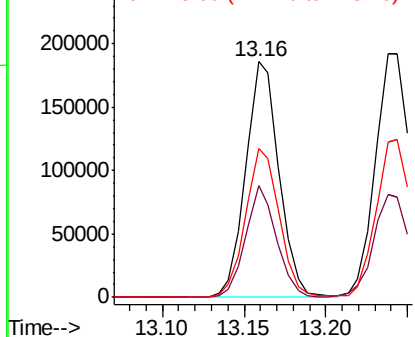
Lab File: VR026396.D

Acq: 26 Feb 2019 19:37

Tgt Ion:	146	Resp:	264280
Ion	Ratio	Lower	Upper
146	100		
111	47.7	31.1	57.9
148	63.0	45.4	84.2



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.103 ug/L

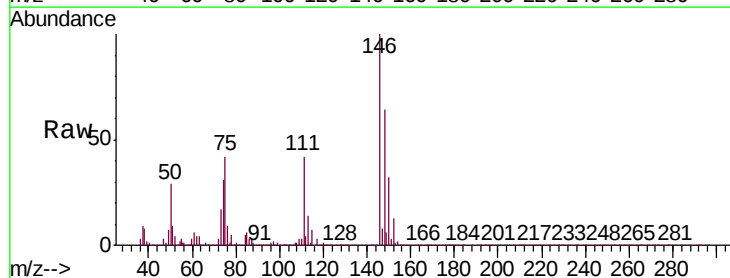
RT: 13.24 min Scan# 1900

Delta R.T. -0.01 min

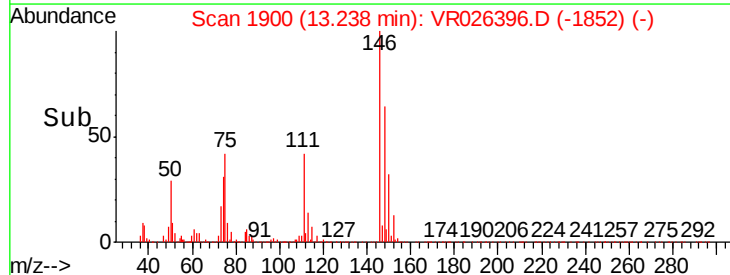
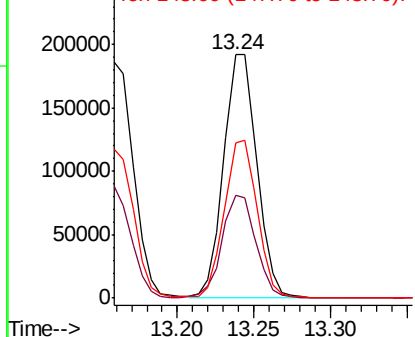
Lab File: VR026396.D

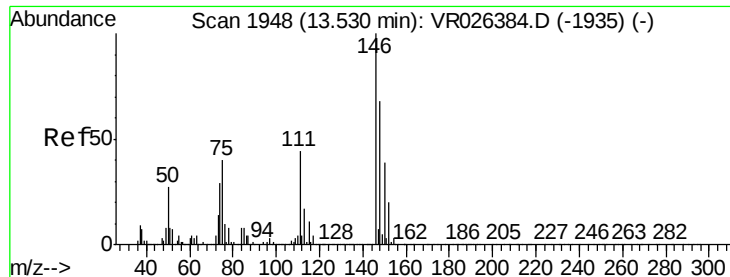
Acq: 26 Feb 2019 19:37

Tgt Ion:	146	Resp:	288221
Ion	Ratio	Lower	Upper
146	100		
111	42.3	30.0	55.8
148	63.7	43.7	81.1



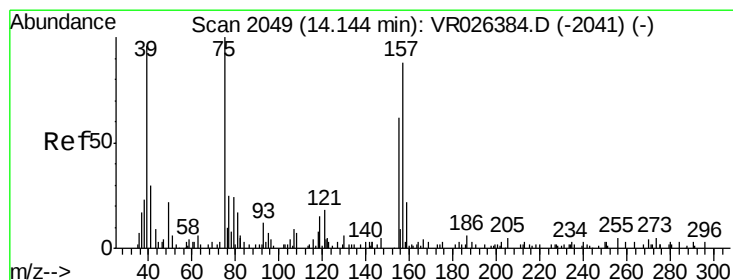
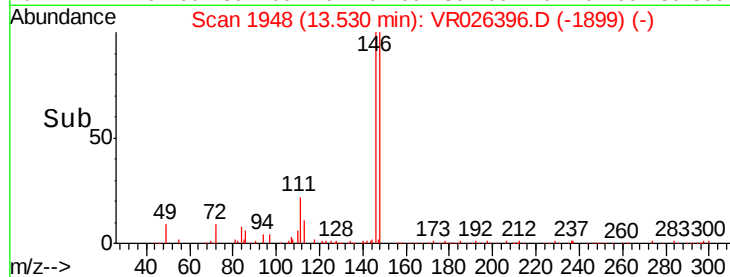
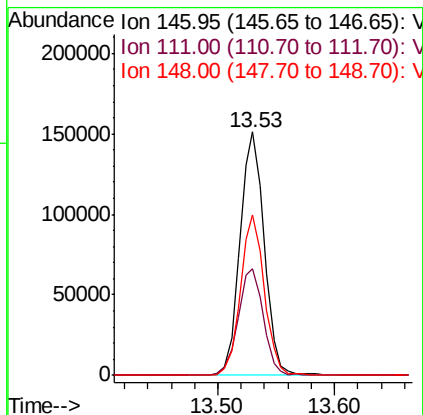
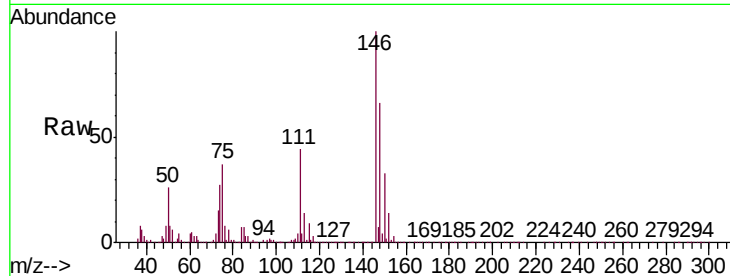
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





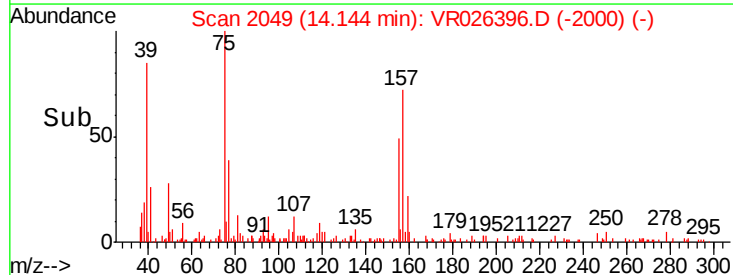
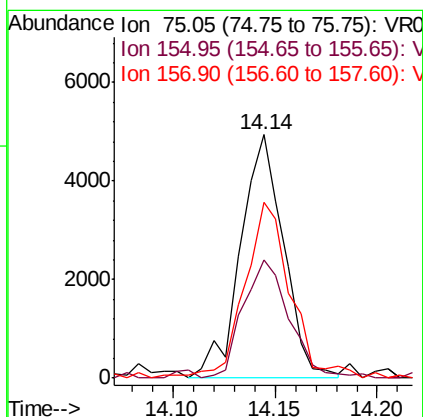
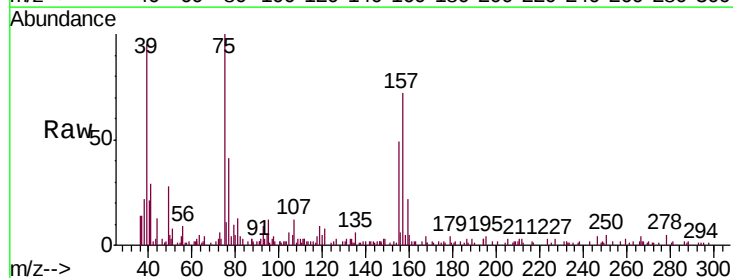
#65
 1,2-Dichlorobenzene
 Concen: 5.208 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

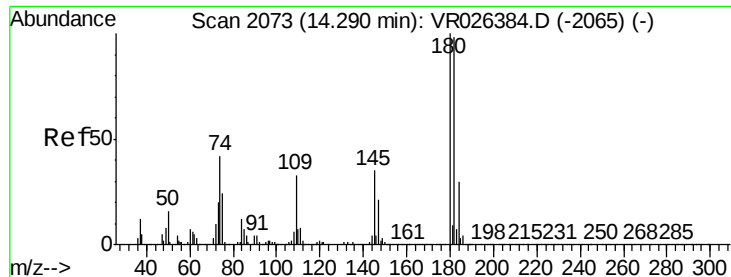
Tgt Ion:	146	Resp:	219143
Ion	Ratio	Lower	Upper
146	100		
111	43.6	36.9	55.3
148	66.1	49.4	74.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.614 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

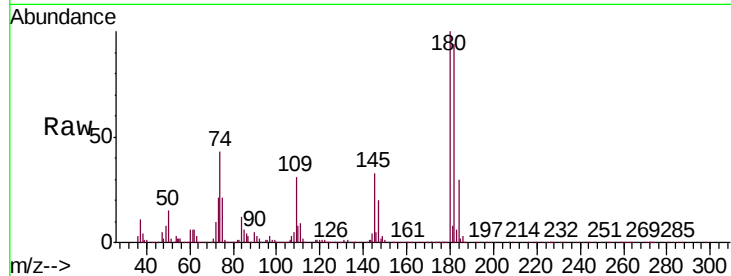
Tgt Ion:	75	Resp:	7226
Ion	Ratio	Lower	Upper
75	100		
155	48.7	53.8	80.8#
157	71.9	67.4	101.0



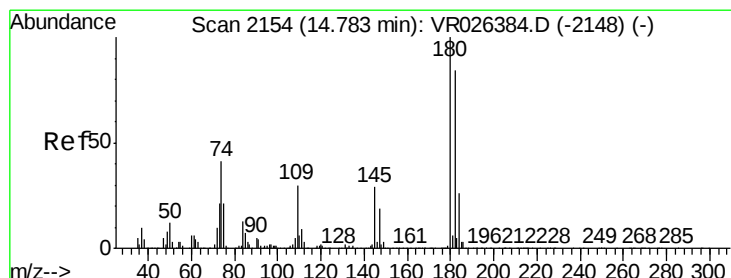
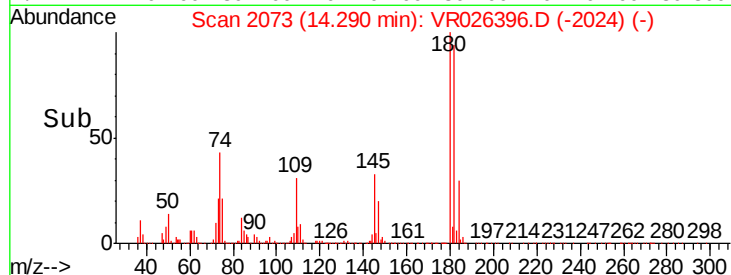
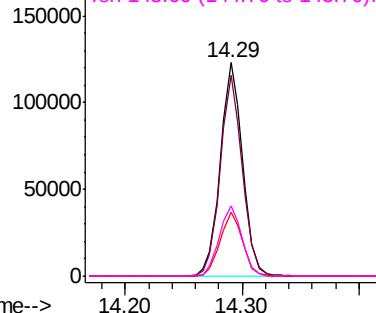


#67
 1,3,5-Trichlorobenzene
 Concen: 5.251 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion:	180	Resp:	165473
Ion	Ratio	Lower	Upper
180	100		
182	92.3	79.0	118.6
184	30.2	25.5	38.3
145	33.6	26.2	39.2

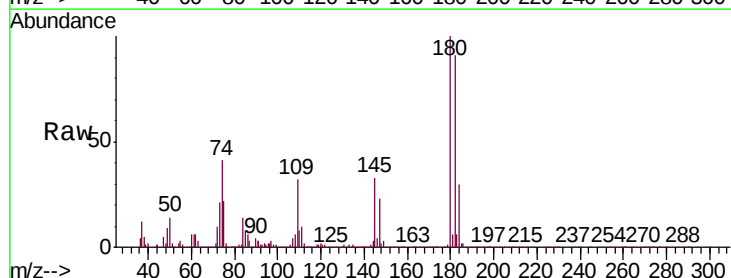


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

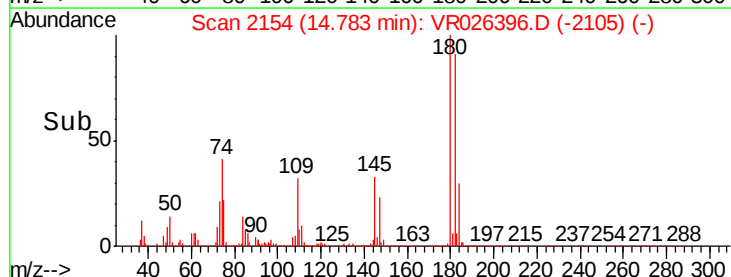
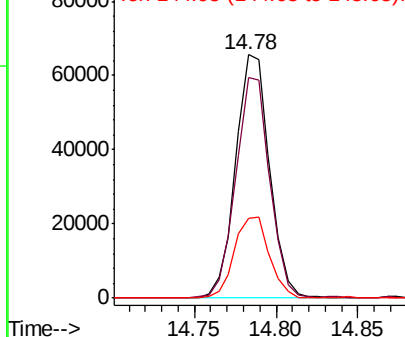


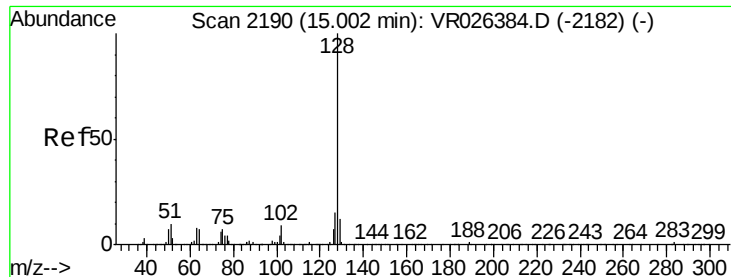
#68
 1,2,4-trichlorobenzene
 Concen: 5.254 ug/L
 RT: 14.78 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VR026396.D
 Acq: 26 Feb 2019 19:37

Tgt Ion:	180	Resp:	95047
Ion	Ratio	Lower	Upper
180	100		
182	90.7	74.7	112.1
145	34.7	26.6	40.0



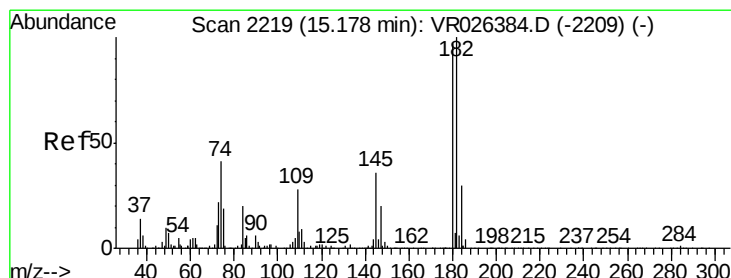
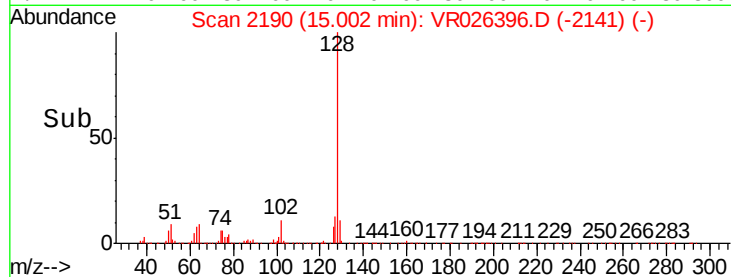
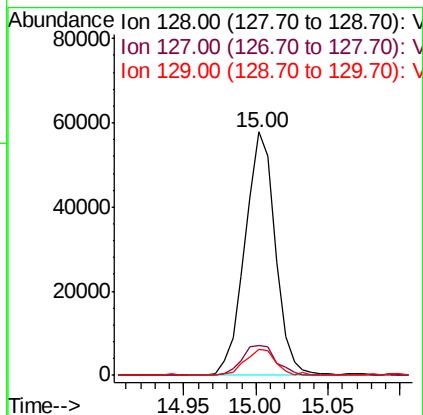
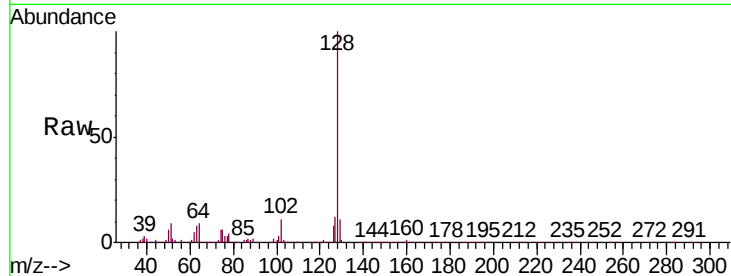
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 5.053 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion:	128	Resp:	84377
Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.2	16.8
129	11.1	8.3	12.5



#70
1,2,3-Trichlorobenzene
Concen: 5.406 ug/L
RT: 15.18 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VR026396.D
Acq: 26 Feb 2019 19:37

Tgt Ion:	180	Resp:	68886
Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.4	116.0
145	37.4	28.6	42.8

