

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000586.D
 Acq On : 31 Mar 2018 12:23
 Operator : JC/MD
 Sample : VX0331WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 06:09:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	179514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170193	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	95929	40.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.88%	
35) Dibromofluoromethane	5.51	113	92384	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.73	98	363979	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.15	95	139341	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	30314	15.32	ug/l	97
3) Chloromethane	1.32	50	34605	16.60	ug/l	96
4) Vinyl Chloride	1.41	62	39585	17.97	ug/l	99
5) Bromomethane	1.65	94	18116	6.91	ug/l	95
6) Chloroethane	1.73	64	18489	14.01	ug/l	100
7) Trichlorofluoromethane	1.94	101	55915	14.07	ug/l	99
8) Diethyl Ether	2.19	74	18230	12.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.40	101	34354	15.50	ug/l	99
10) Methyl Iodide	2.52	142	53395	26.51	ug/l	99
11) Tert butyl alcohol	3.03	59	11331	14.06	ug/l	98
12) 1,1-Dichloroethene	2.39	96	30069	15.45	ug/l	94
13) Acrolein	2.29	56	11530	56.77	ug/l	99
14) Allyl chloride	2.74	41	45547	13.18	ug/l	# 88
15) Acrylonitrile	3.14	53	38611	23.65	ug/l	99
16) Acetone	2.44	43	41709	21.40	ug/l	95
17) Carbon Disulfide	2.58	76	81119	15.68	ug/l	97
18) Methyl Acetate	2.78	43	20866	5.11	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	91630	12.73	ug/l	95
20) Methylene Chloride	2.86	84	33427	14.85	ug/l	98
21) trans-1,2-Dichloroethene	3.18	96	34158	15.74	ug/l	99
22) Diisopropyl ether	3.86	45	110008	18.09	ug/l	98
23) Vinyl Acetate	3.82	43	322018	55.85	ug/l	98
24) 1,1-Dichloroethane	3.71	63	64637	16.90	ug/l	98
25) 2-Butanone	4.68	43	57944	26.45	ug/l	97
26) 2,2-Dichloropropane	4.60	77	57054	21.29	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	41181	20.30	ug/l	99
28) Bromochloromethane	5.03	49	28148	17.85	ug/l	97
29) Tetrahydrofuran	5.15	42	34931	25.91	ug/l	99
30) Chloroform	5.23	83	73146	20.41	ug/l	93
31) Cyclohexane	5.59	56	55793	18.87	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	64689	20.01	ug/l	100
36) 1,1-Dichloropropene	5.81	75	51448	19.11	ug/l	97
37) Ethyl Acetate	4.85	43	23066	6.27	ug/l	96
38) Carbon Tetrachloride	5.80	117	54157	19.17	ug/l	99

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

39) Methylcyclohexane	7.48	83	64720	19.77	ug/l	96
40) Benzene	6.15	78	155243	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	13637	7.03	ug/l	96
42) 1,2-Dichloroethane	6.21	62	49580	16.16	ug/l	98
43) Isopropyl Acetate	6.46	43	47976	8.76	ug/l	98
44) Trichloroethene	7.22	130	44835	20.02	ug/l	100
45) 1,2-Dichloropropane	7.52	63	38839	19.41	ug/l	98
46) Dibromomethane	7.67	93	23168	14.75	ug/l	98
47) Bromodichloromethane	7.91	83	52012	18.82	ug/l	99
48) Methyl methacrylate	7.78	41	23290	8.76	ug/l	99
49) 1,4-Dioxane	7.75	88	4617	82.65	ug/l #	91
51) 4-Methyl-2-Pentanone	8.65	43	135932	32.08	ug/l	98
52) Toluene	8.79	92	105319	19.27	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	58114	18.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	50526	16.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	33694	14.99	ug/l	97
56) Ethyl methacrylate	9.19	69	41238	12.11	ug/l	97
57) 1,3-Dichloropropane	9.38	76	54859	15.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	89982	55.05	ug/l	99
59) 2-Hexanone	9.50	43	102447	28.47	ug/l	99
60) Dibromochloromethane	9.59	129	36951	16.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32202	13.36	ug/l	100
64) Tetrachloroethene	9.34	164	46893	21.33	ug/l	97
65) Chlorobenzene	10.15	112	127037	20.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	42361	19.78	ug/l	99
67) Ethyl Benzene	10.26	91	215239	20.14	ug/l	100
68) m/p-Xylenes	10.37	106	170966	40.65	ug/l	96
69) o-Xylene	10.71	106	81725	20.07	ug/l	99
70) Styrene	10.72	104	132426	19.65	ug/l	98
71) Bromoform	10.87	173	22244	13.79	ug/l #	96
73) Isopropylbenzene	11.02	105	223390	19.81	ug/l	100
74) N-amyl acetate	6.46	43	47976	6.92	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	42081	10.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	33449m	9.14	ug/l	
77) Bromobenzene	11.26	156	56452	18.79	ug/l	96
78) n-propylbenzene	11.37	91	259996	19.34	ug/l	98
79) 2-Chlorotoluene	11.43	91	149737	19.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	193250	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	8437	7.47	ug/l	93
82) 4-Chlorotoluene	11.52	91	180794	19.49	ug/l	96
83) tert-Butylbenzene	11.78	119	188595	19.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	198027	19.92	ug/l	98
85) sec-Butylbenzene	11.95	105	235894	19.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	211109	20.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113698	20.02	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116510	19.54	ug/l	96
89) n-Butylbenzene	12.40	91	196040	20.04	ug/l	98
90) Hexachloroethane	12.60	117	30716	18.57	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	105784	19.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	6393	5.75	ug/l	91

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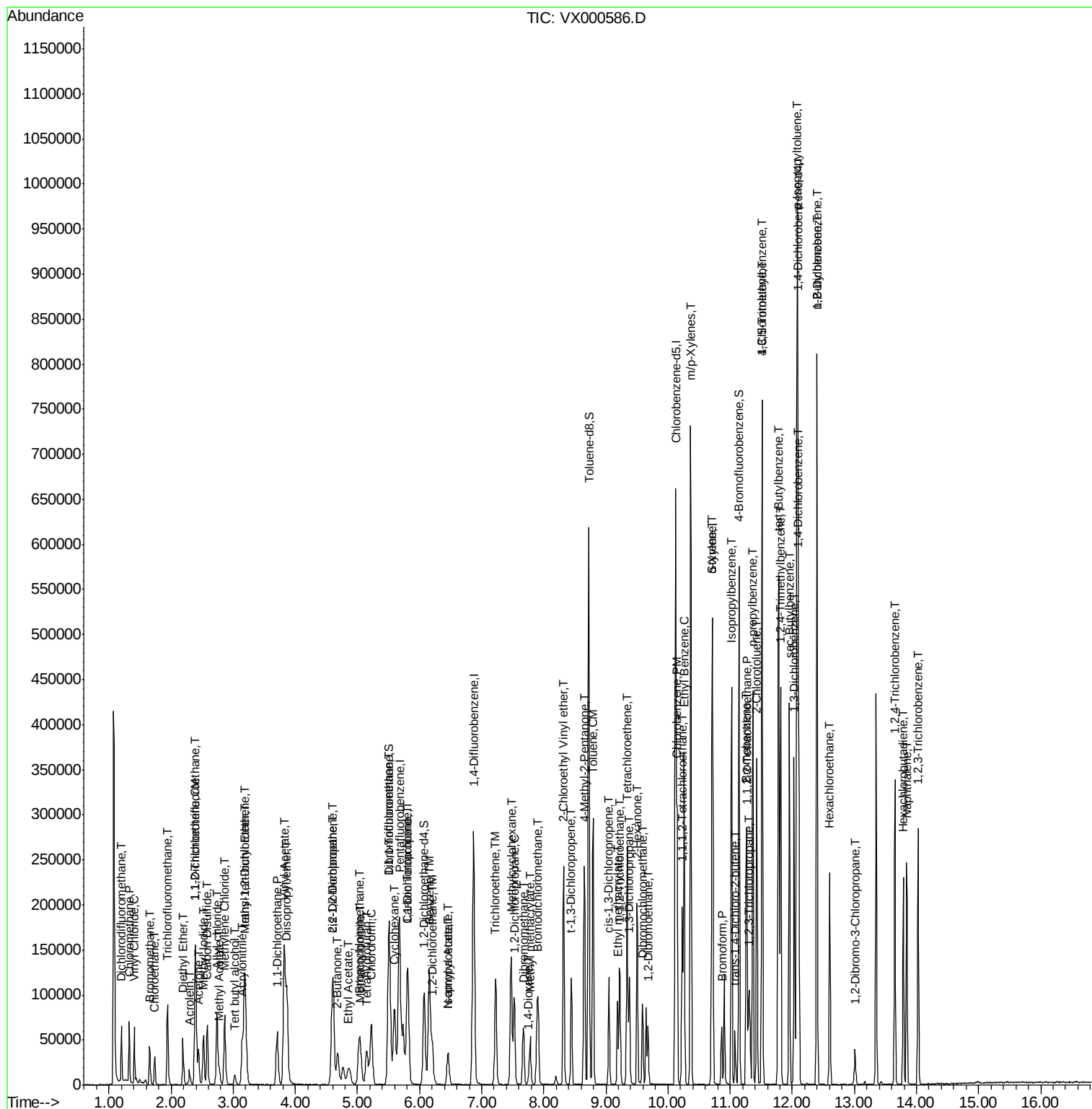
Quant Time: Apr 02 06:09:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
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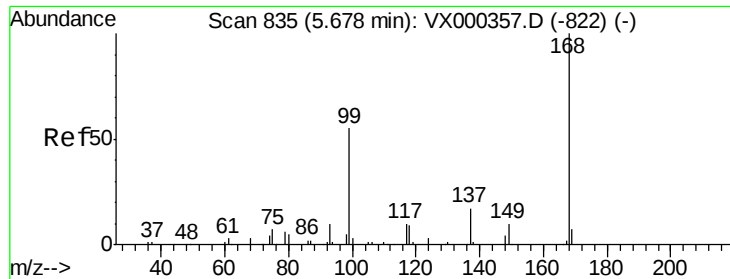
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78039	19.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	31489	19.05	ug/l	98
95) Naphthalene	13.84	128	143368	10.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	70930	17.98	ug/l	97

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

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Sample    : VX0331WBSD01  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 5      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000586.D

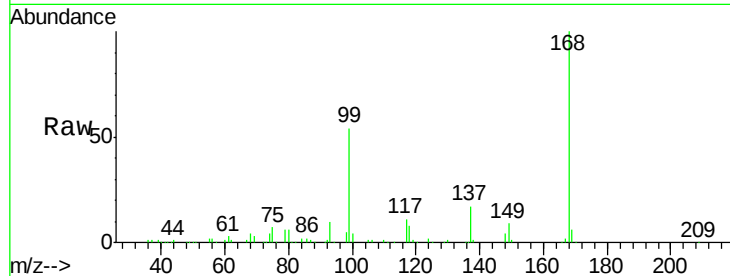
Acq: 31 Mar 2018 12:23

Tot Ion:168 Resp: 179514

Ion Ratio Lower Upper

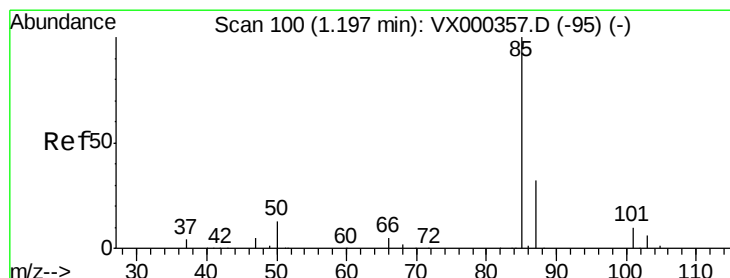
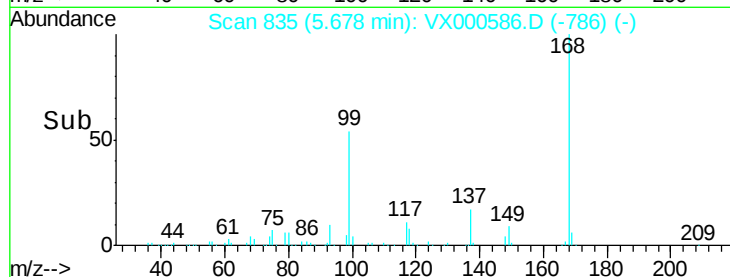
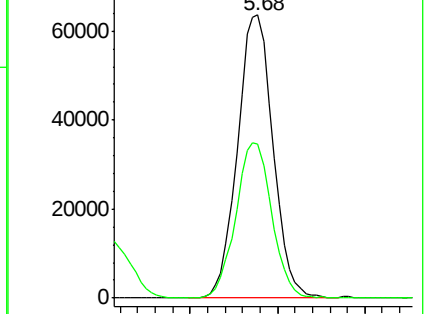
168 100

99 54.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000586.D

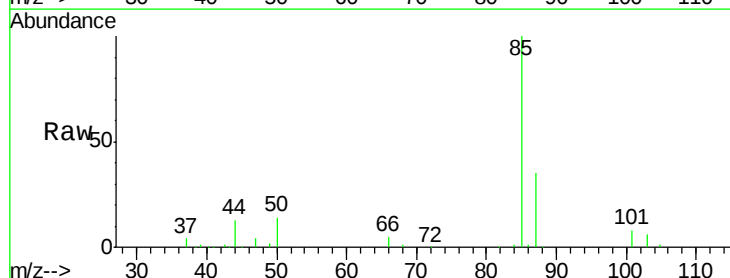
Acq: 31 Mar 2018 12:23

Tgt Ion: 85 Resp: 30314

Ion Ratio Lower Upper

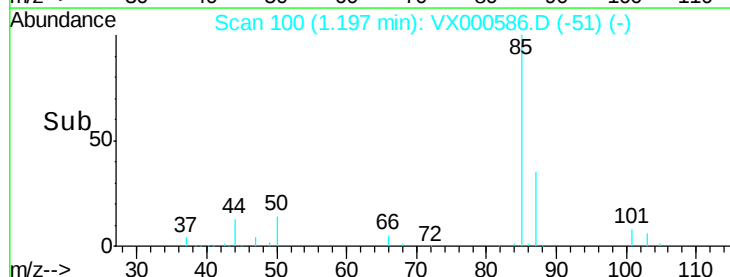
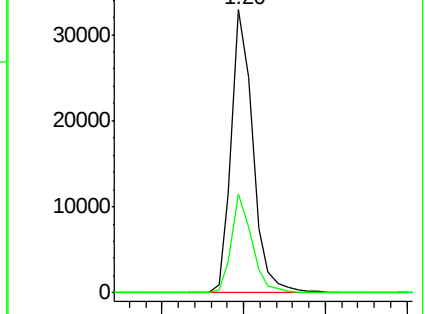
85 100

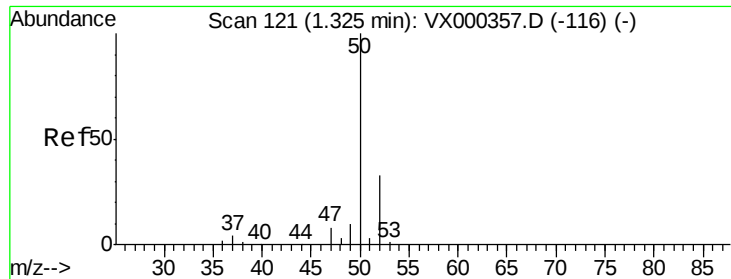
87 35.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.60 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000586.D

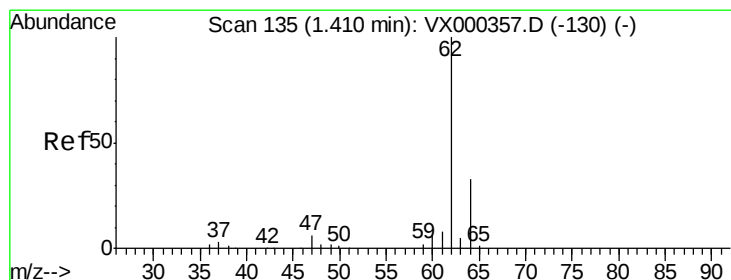
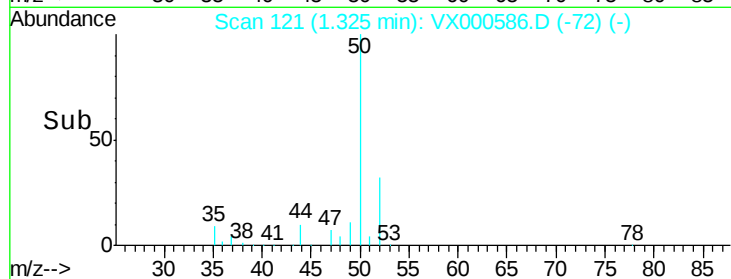
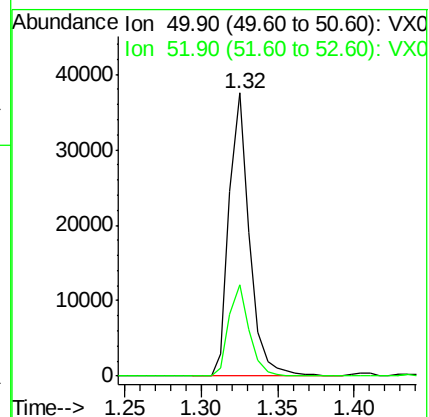
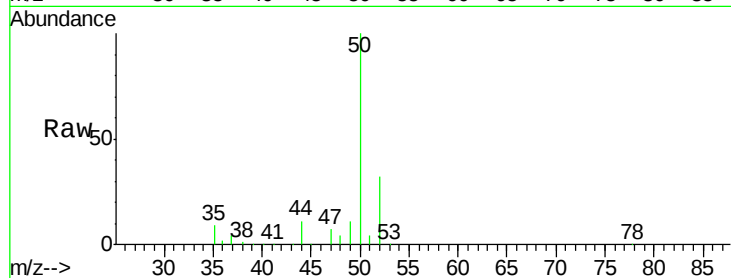
Acq: 31 Mar 2018 12:23

Tot Ion: 50 Resp: 34605

Ion Ratio Lower Upper

50 100

52 32.2 27.5 41.3



#4

Vinyl Chloride

Concen: 17.97 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000586.D

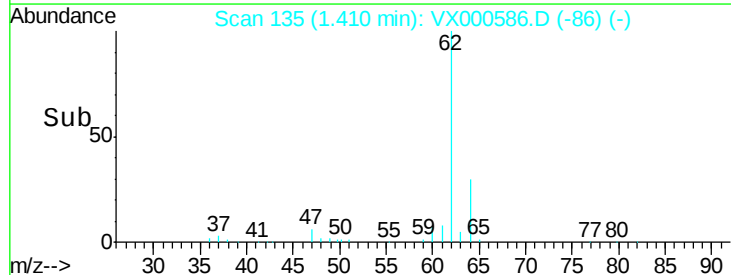
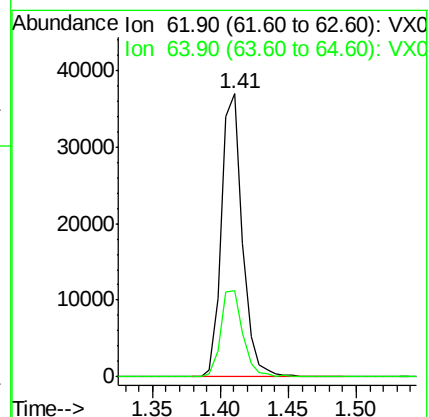
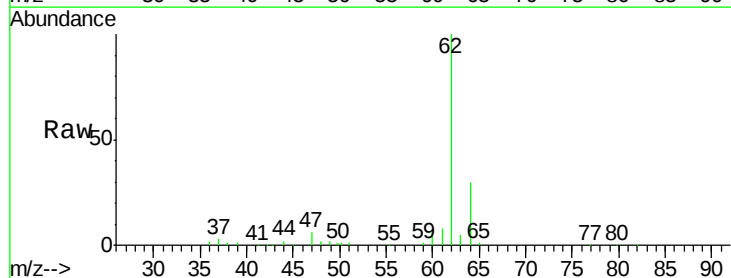
Acq: 31 Mar 2018 12:23

Tgt Ion: 62 Resp: 39585

Ion Ratio Lower Upper

62 100

64 30.5 24.8 37.2





#5

Bromomethane

Concen: 6.91 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000586.D

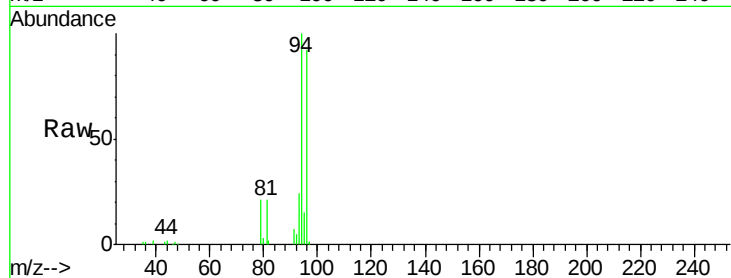
Acq: 31 Mar 2018 12:23

Tot Ion: 94 Resp: 18116

Ion Ratio Lower Upper

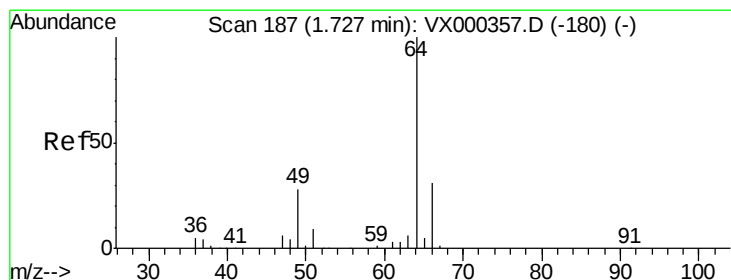
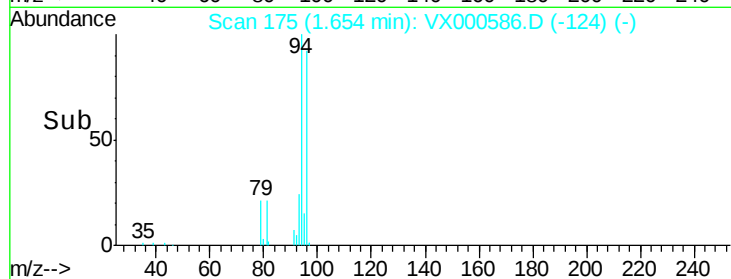
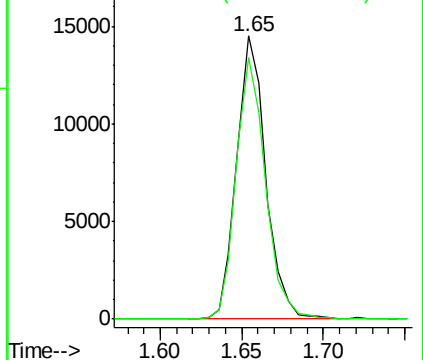
94 100

96 92.5 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 14.01 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000586.D

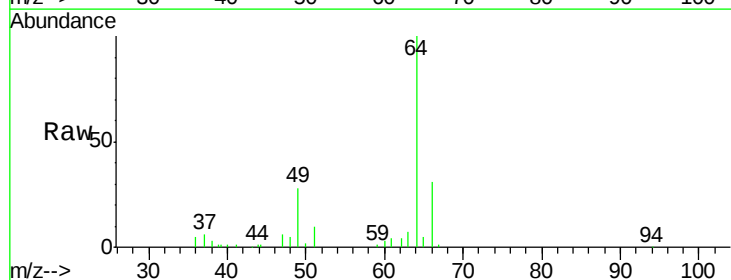
Acq: 31 Mar 2018 12:23

Tgt Ion: 64 Resp: 18489

Ion Ratio Lower Upper

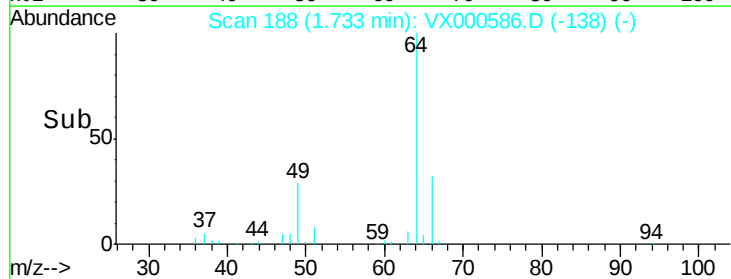
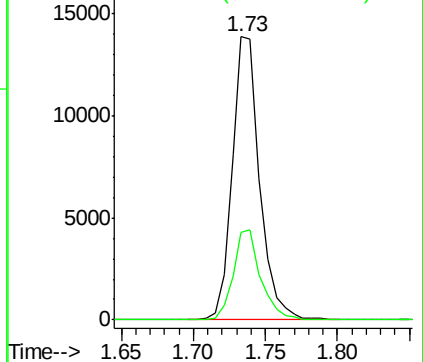
64 100

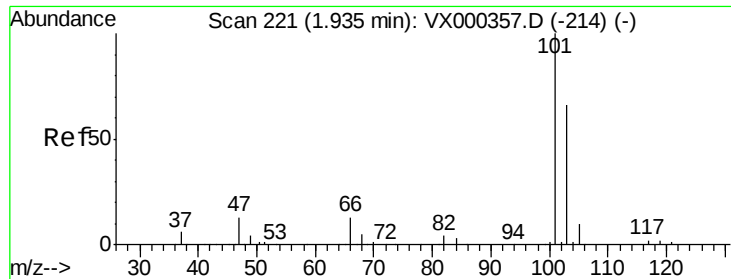
66 30.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

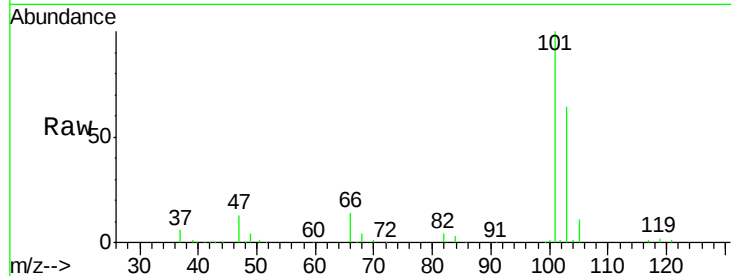




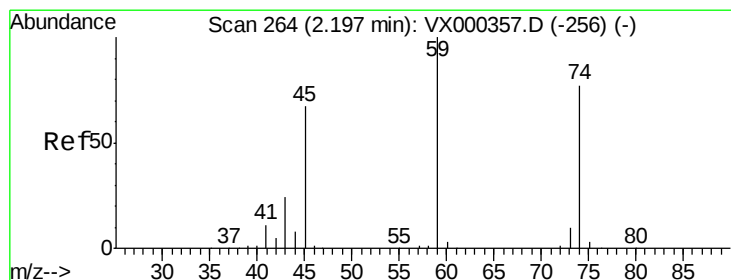
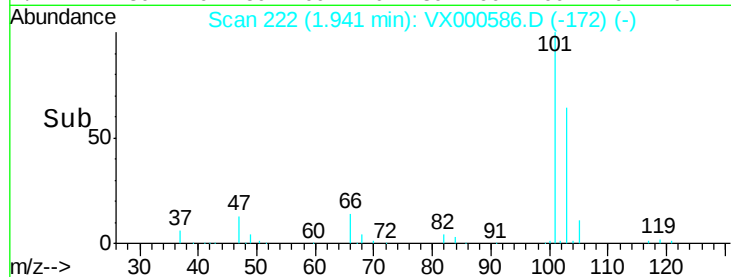
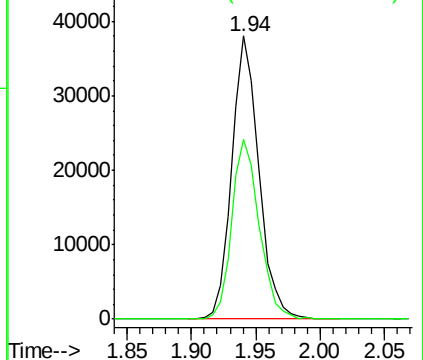
#7

Trichlorofluoromethane
Concen: 14.07 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion:101 Resp: 55915
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4



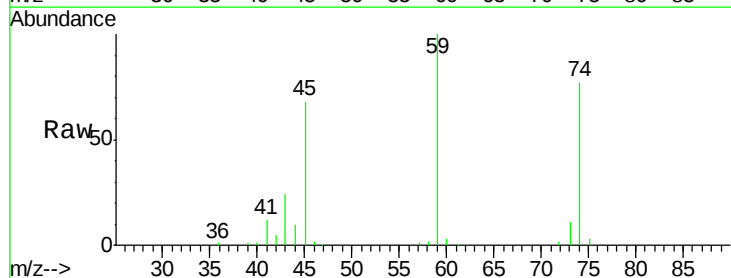
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



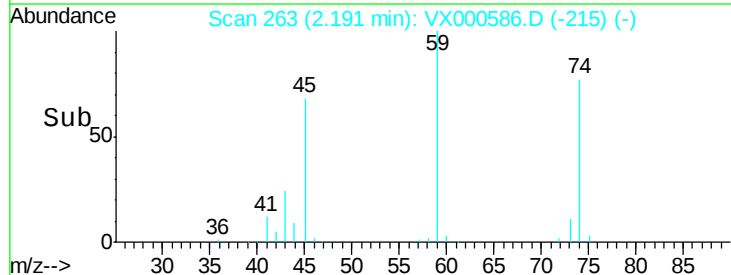
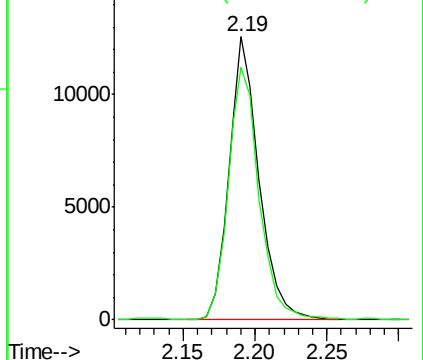
#8

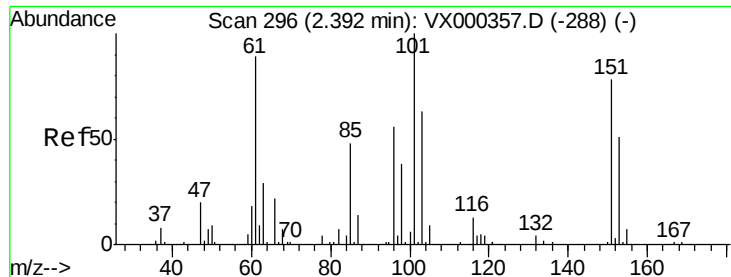
Diethyl Ether
Concen: 12.83 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 74 Resp: 18230
Ion Ratio Lower Upper
74 100
45 92.0 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.50 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

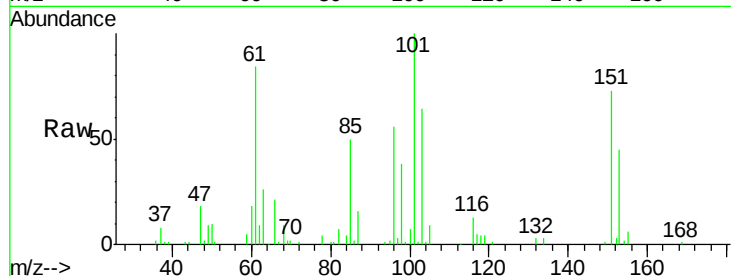
Tot Ion:101 Resp: 34354

Ion Ratio Lower Upper

101 100

85 46.8 37.6 56.4

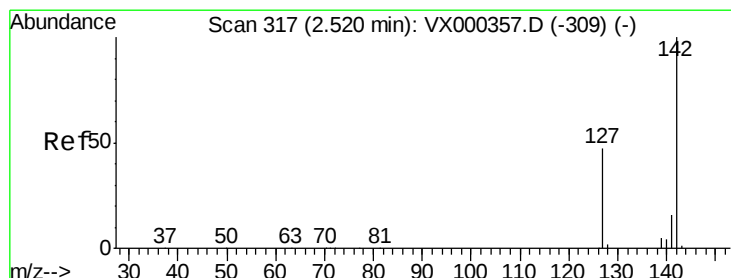
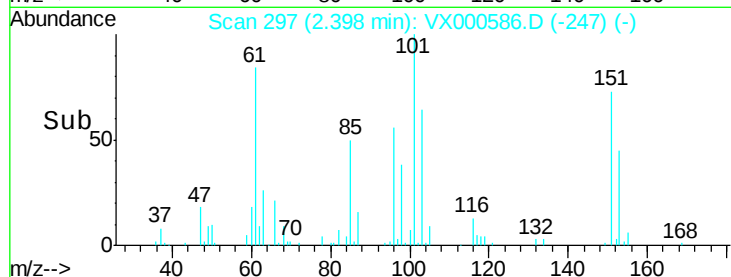
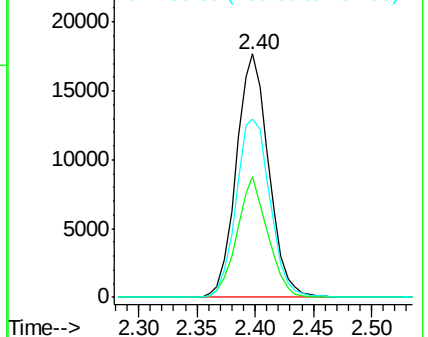
151 76.9 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.51 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

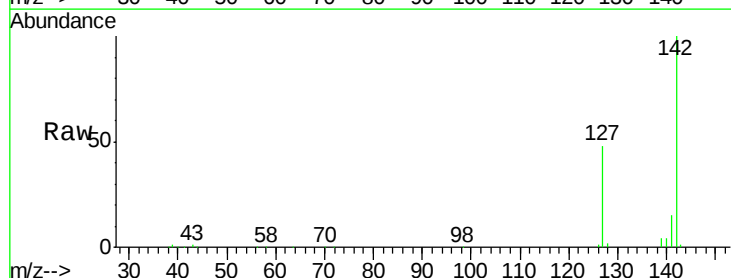
Tgt Ion:142 Resp: 53395

Ion Ratio Lower Upper

142 100

127 48.4 39.2 58.8

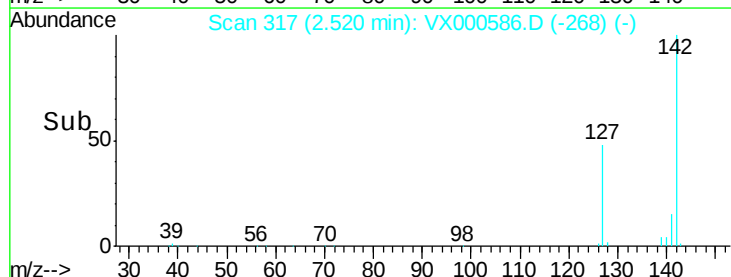
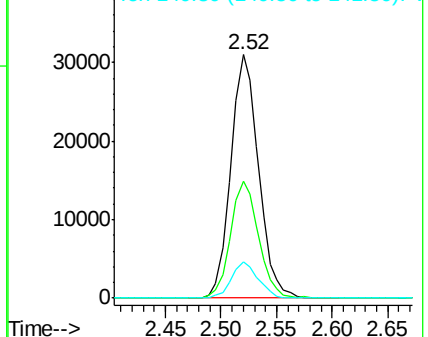
141 14.3 11.7 17.5

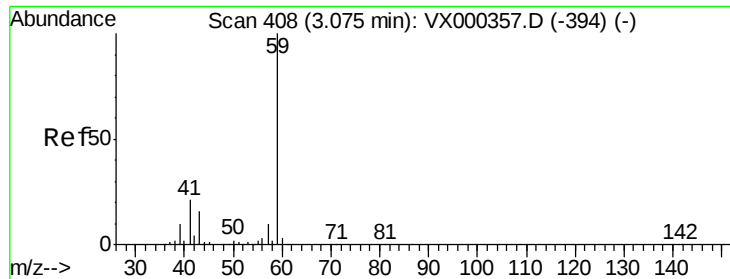


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

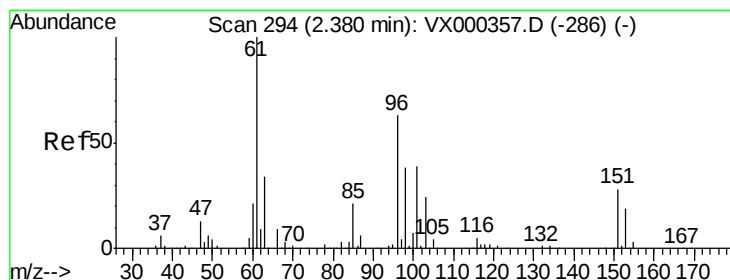
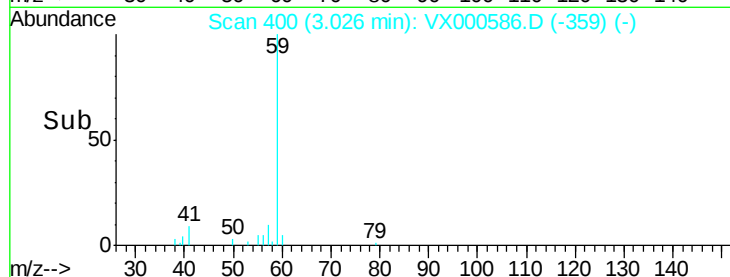
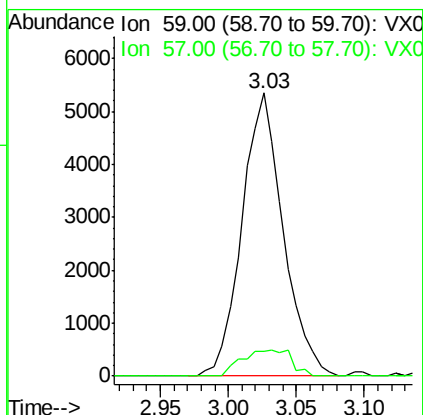
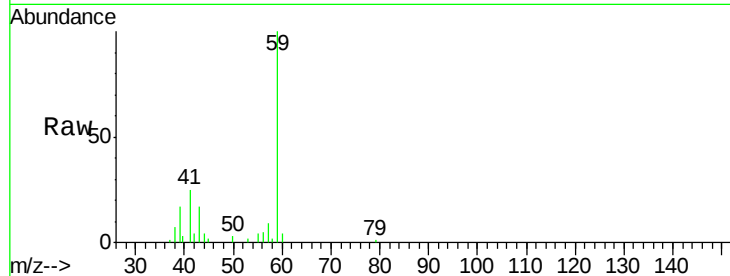
Ion 140.80 (140.50 to 141.50): V





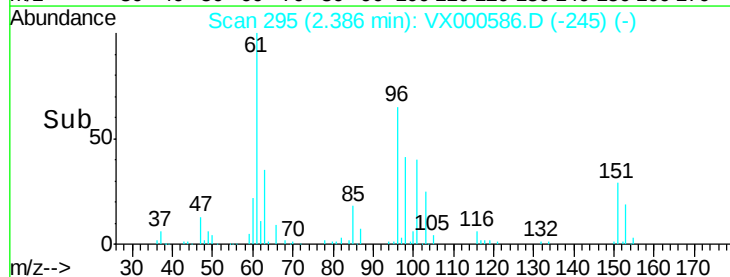
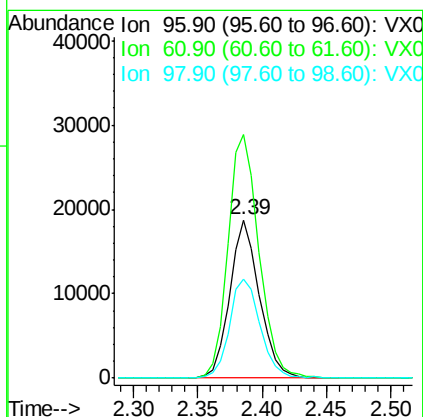
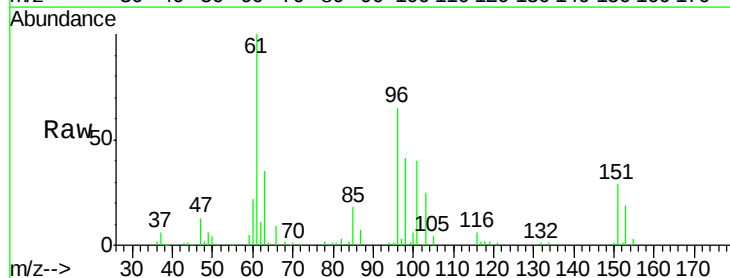
#11
Tert butyl alcohol
Concen: 14.06 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

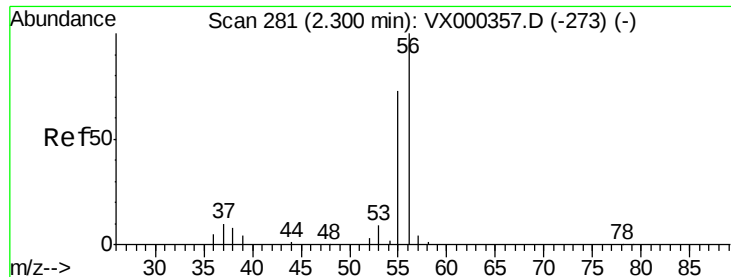
Tot Ion: 59 Resp: 11331
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 15.45 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 96 Resp: 30069
Ion Ratio Lower Upper
96 100
61 153.7 131.2 196.8
98 62.4 49.8 74.8





#13

Acrolein

Concen: 56.77 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000586.D

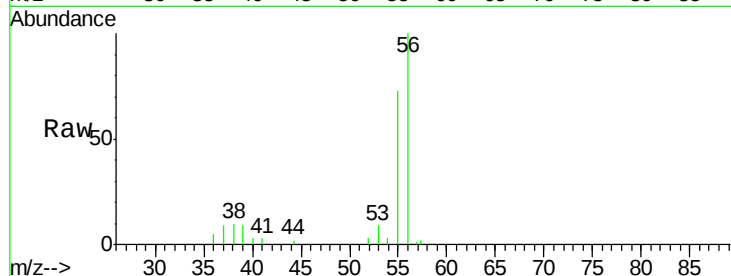
Acq: 31 Mar 2018 12:23

Tot Ion: 56 Resp: 11530

Ion Ratio Lower Upper

56 100

55 74.6 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

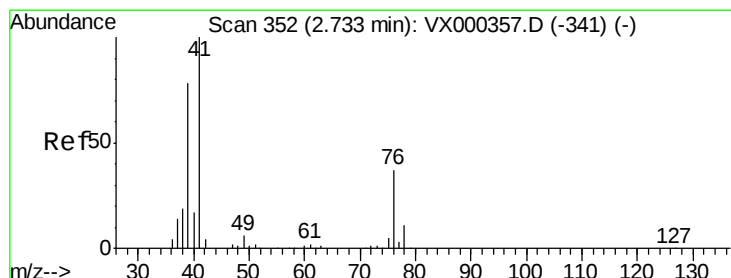
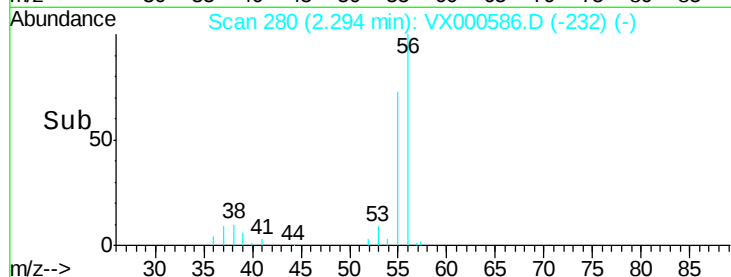
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 13.18 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

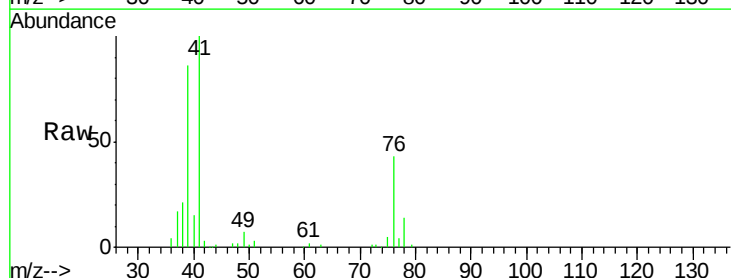
Tgt Ion: 41 Resp: 45547

Ion Ratio Lower Upper

41 100

39 82.2 57.6 86.4

76 41.3 27.3 40.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.74

30000

25000

20000

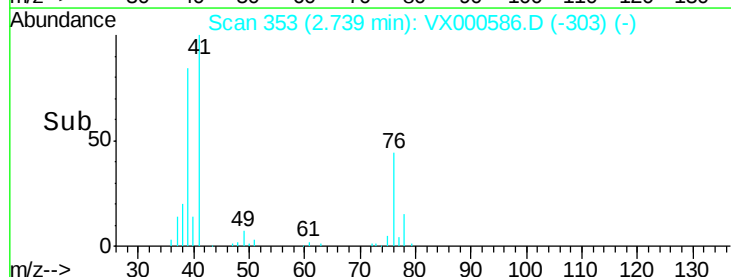
15000

10000

5000

0

Time--> 2.70 2.80





#15

Acrylonitrile

Concen: 23.65 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

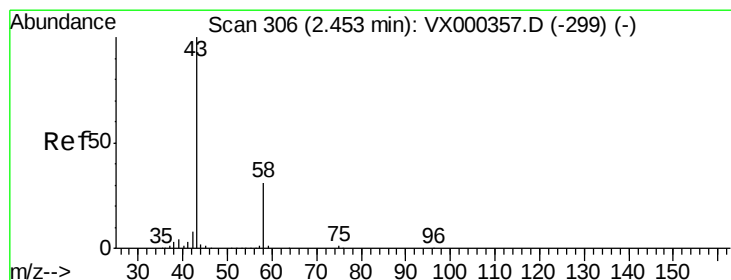
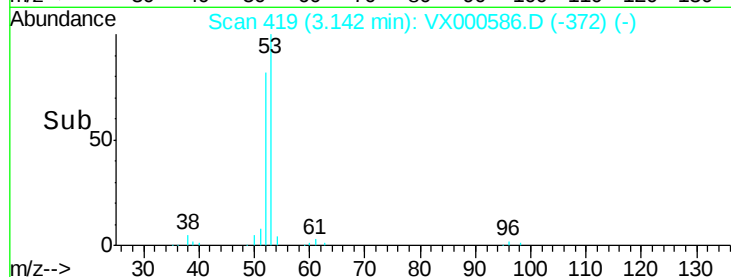
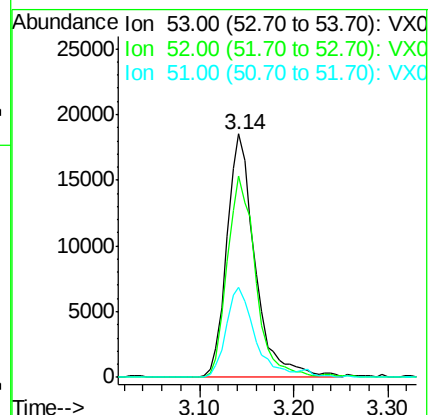
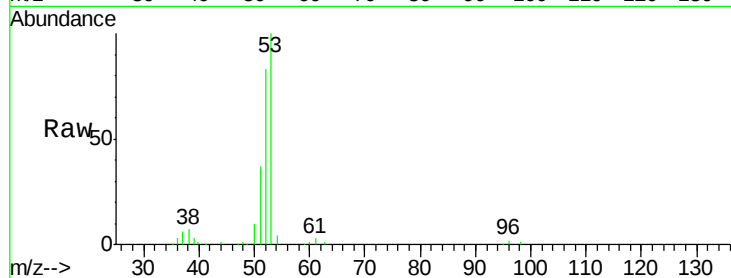
Tot Ion: 53 Resp: 38611

Ion Ratio Lower Upper

53 100

52 82.8 66.6 99.8

51 37.5 29.3 43.9



#16

Acetone

Concen: 21.40 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000586.D

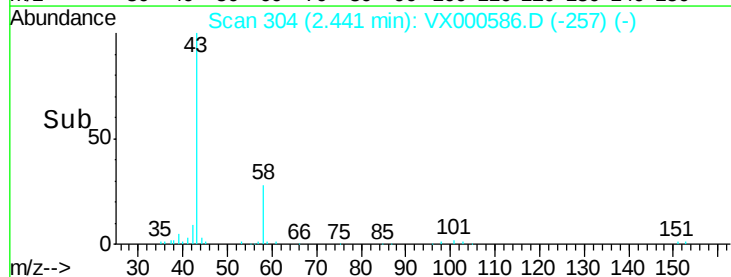
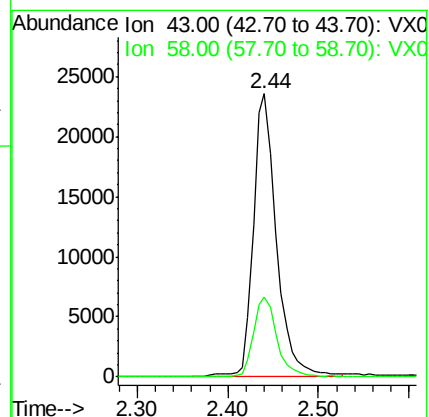
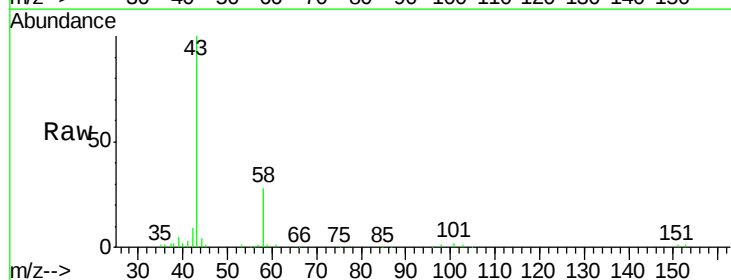
Acq: 31 Mar 2018 12:23

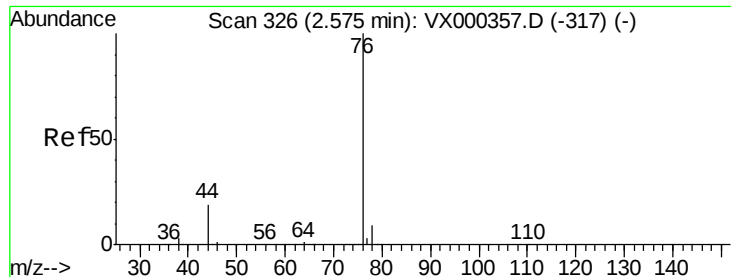
Tgt Ion: 43 Resp: 41709

Ion Ratio Lower Upper

43 100

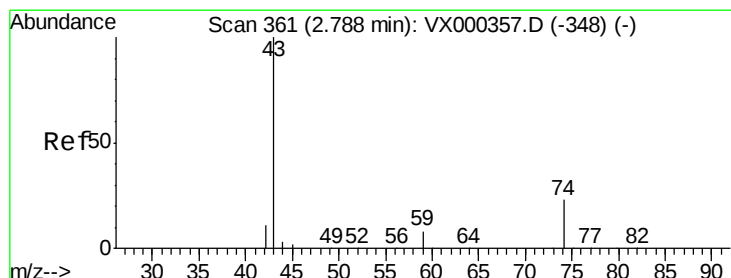
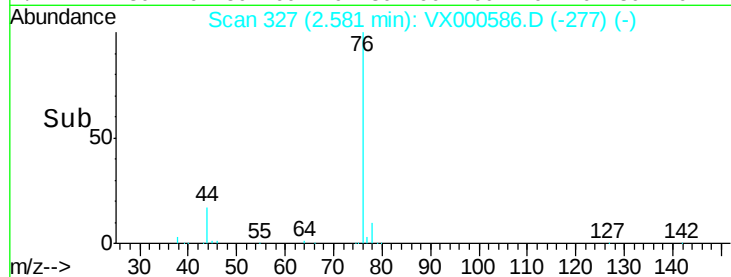
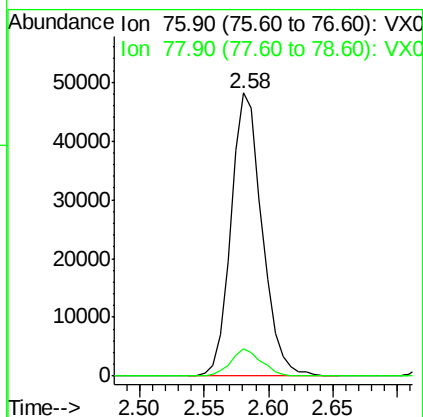
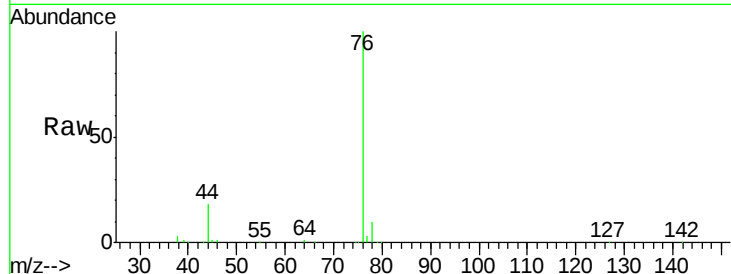
58 28.2 24.7 37.1





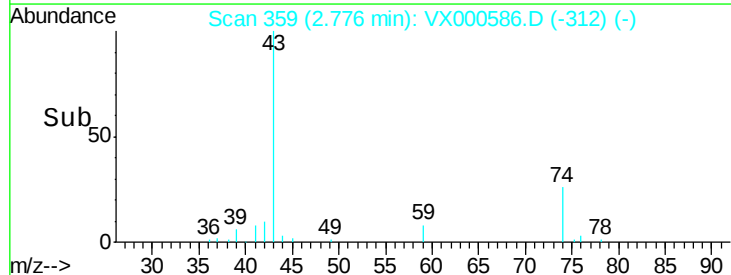
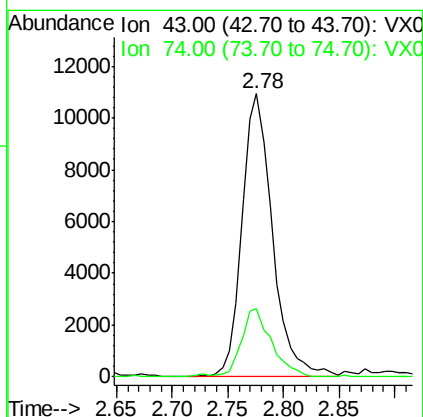
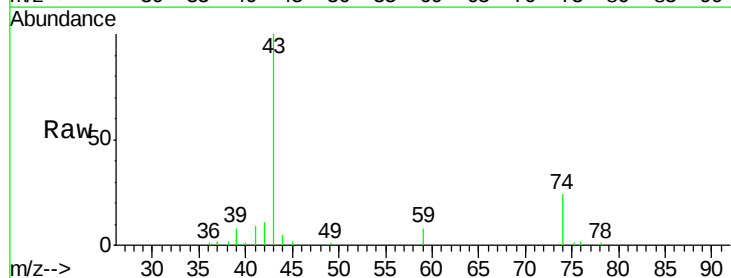
#17
Carbon Disulfide
Concen: 15.68 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

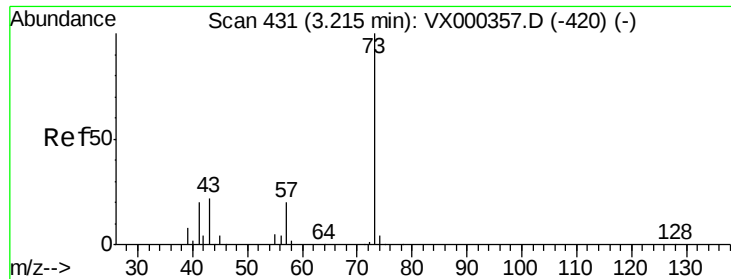
Tot Ion: 76 Resp: 81119
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 5.11 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 43 Resp: 20866
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

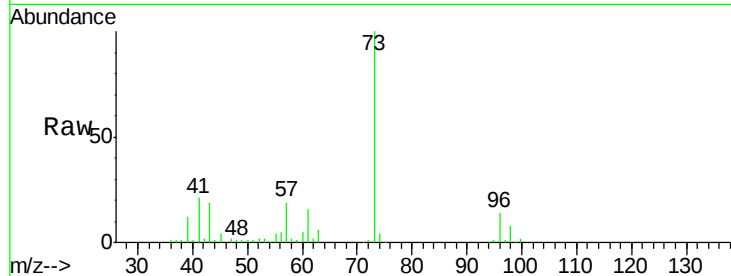




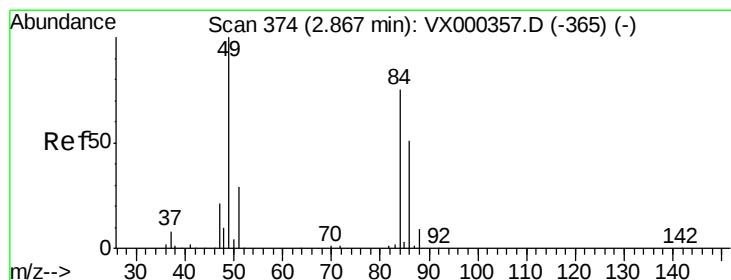
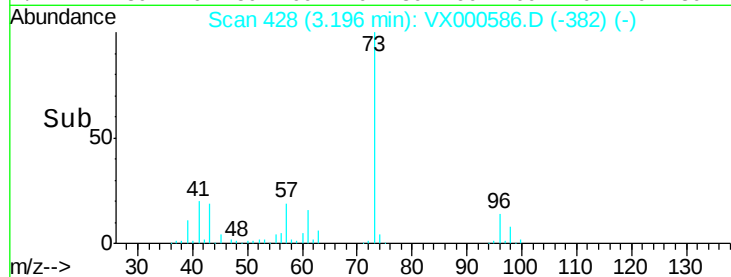
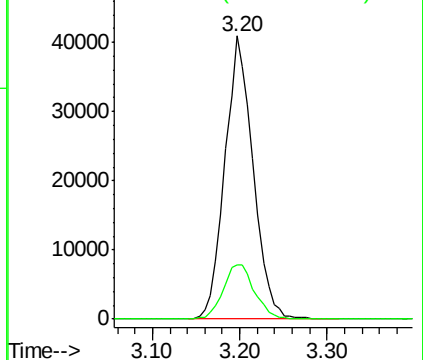
#19

Methyl tert-butyl Ether
 Concen: 12.73 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tot Ion: 73 Resp: 91630
 Ion Ratio Lower Upper
 73 100
 57 19.1 17.2 25.8



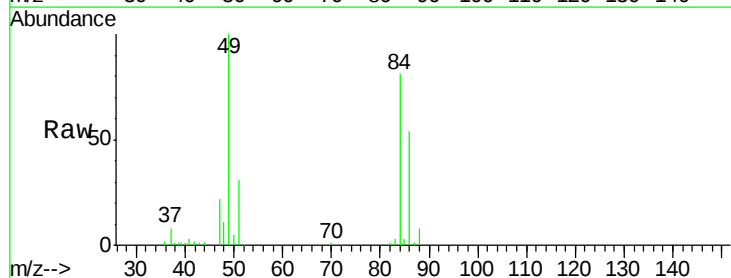
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



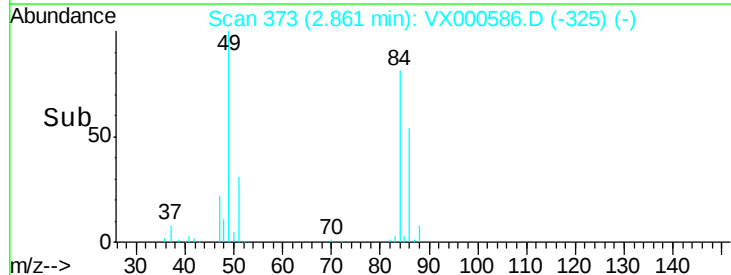
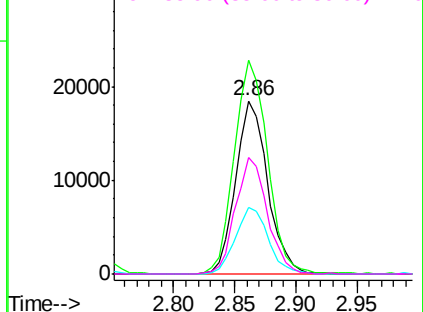
#20

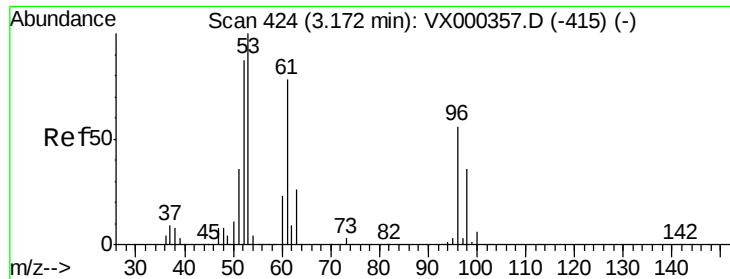
Methylene Chloride
 Concen: 14.85 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 84 Resp: 33427
 Ion Ratio Lower Upper
 84 100
 49 123.5 100.6 151.0
 51 38.2 31.6 47.4
 86 67.2 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 15.74 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

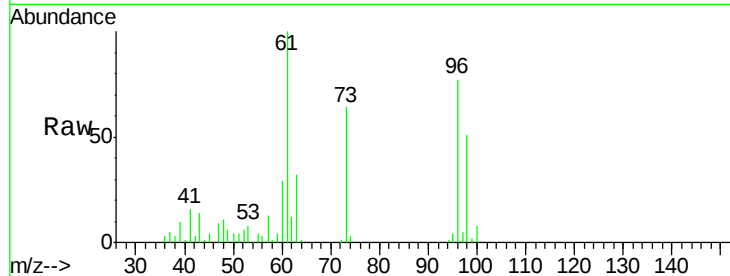
Tot Ion: 96 Resp: 34158

Ion Ratio Lower Upper

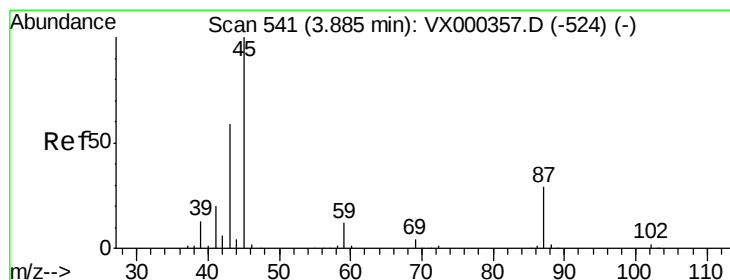
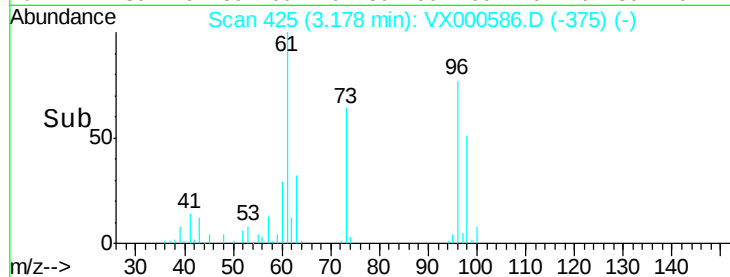
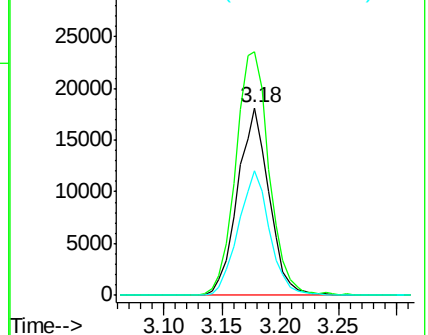
96 100

61 129.6 104.0 156.0

98 66.2 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.09 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.02 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tgt Ion: 45 Resp: 110008

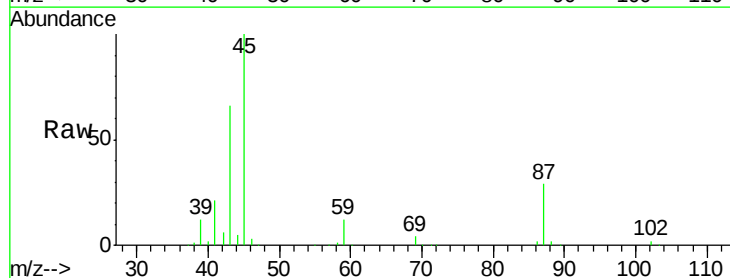
Ion Ratio Lower Upper

45 100

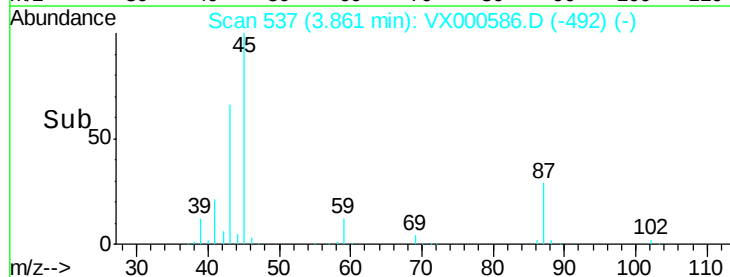
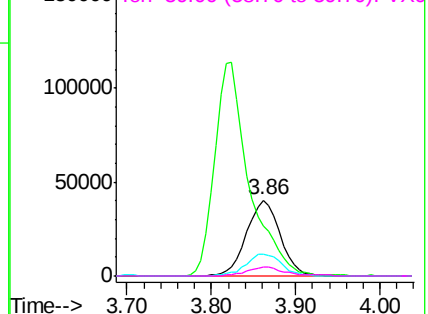
43 65.0 53.9 80.9

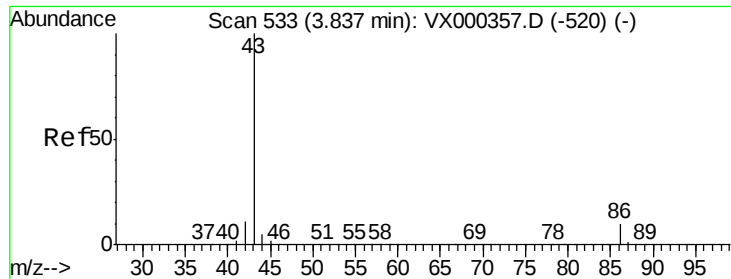
87 28.7 22.6 34.0

59 11.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 55.85 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000586.D

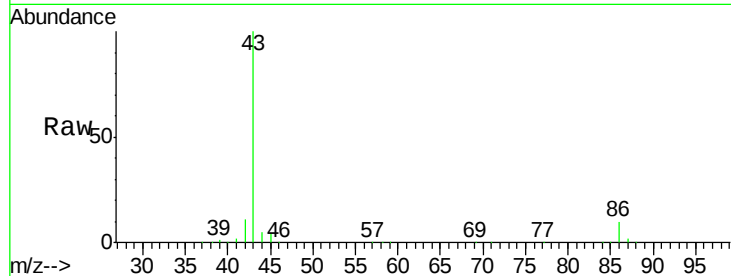
Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 322018

Ion Ratio Lower Upper

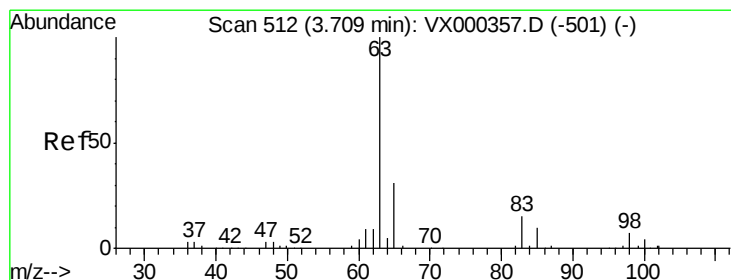
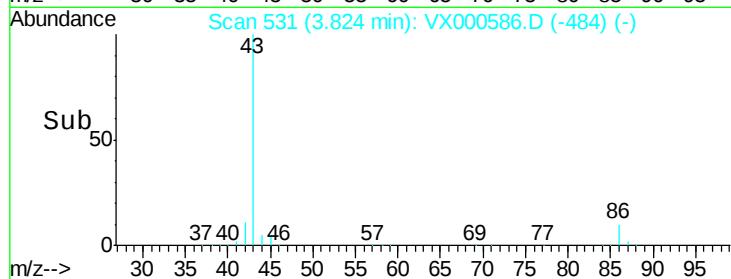
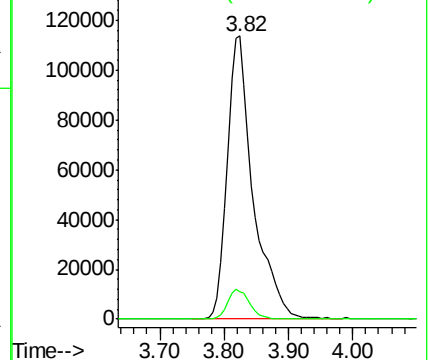
43 100

86 9.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.90 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

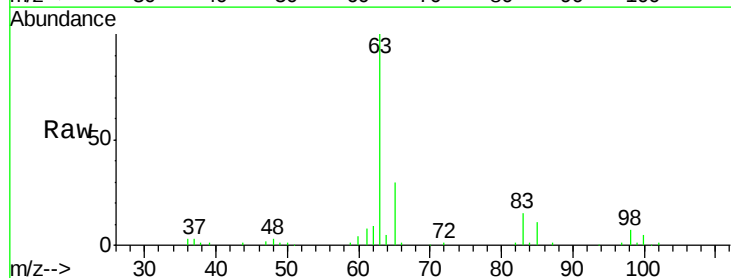
Tgt Ion: 63 Resp: 64637

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

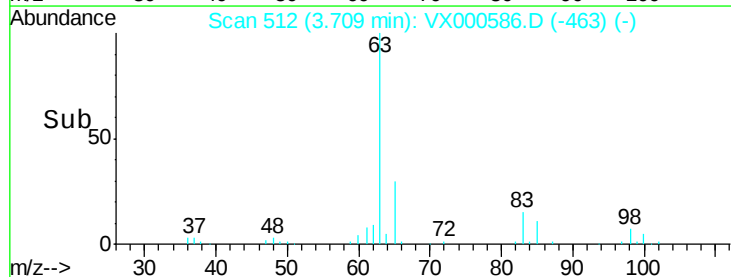
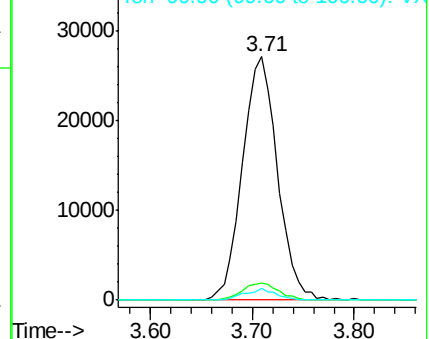
100 4.9 2.0 5.8

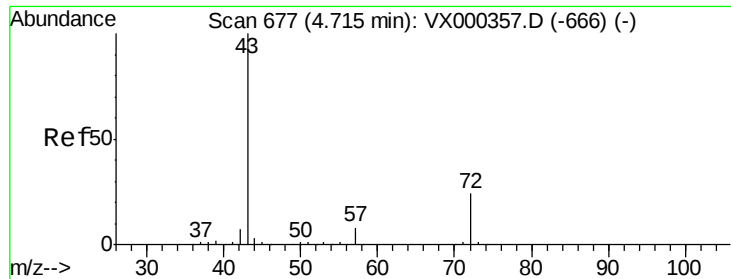


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.45 ug/l

RT: 4.68 min Scan# 671

Delta R.T. -0.04 min

Lab File: VX000586.D

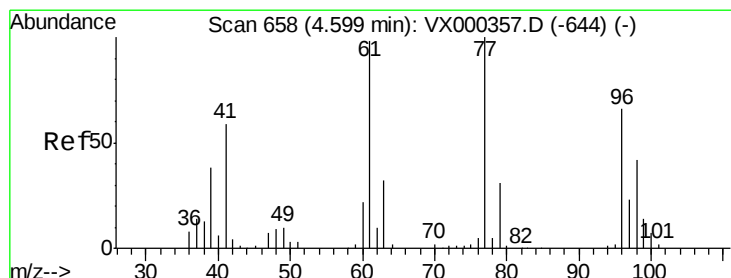
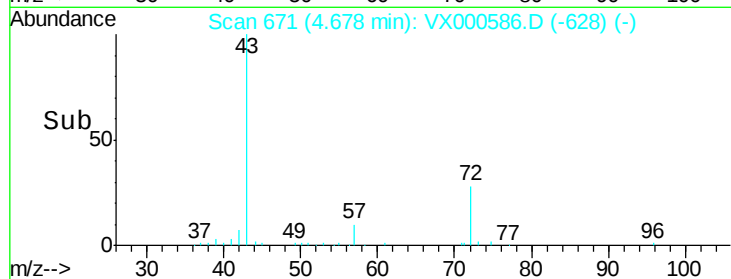
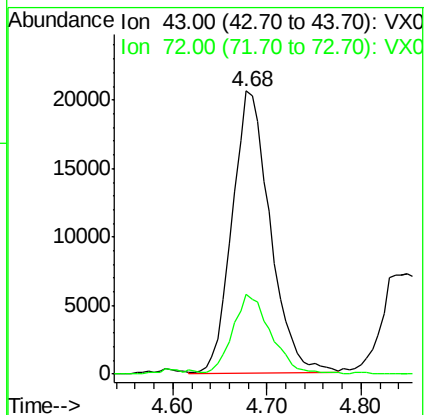
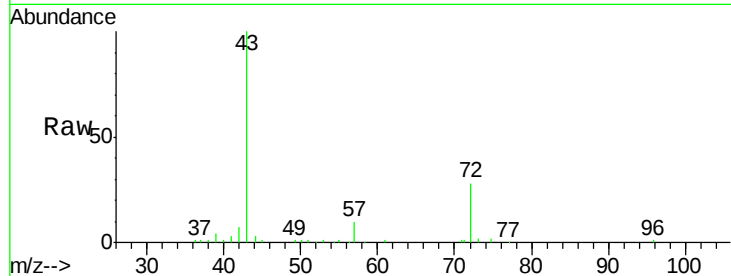
Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 57944

Ion Ratio Lower Upper

43 100

72 28.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.29 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000586.D

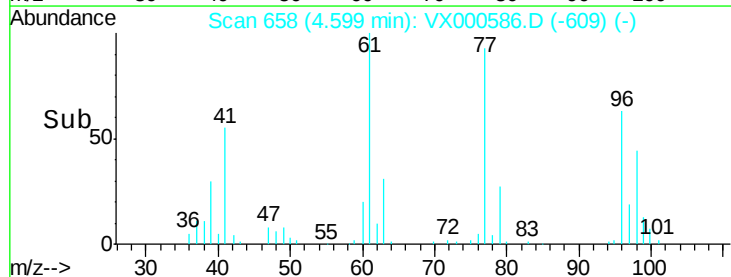
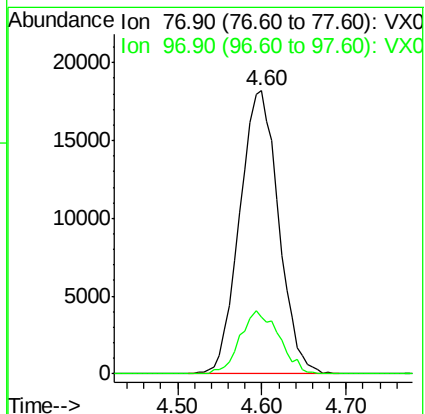
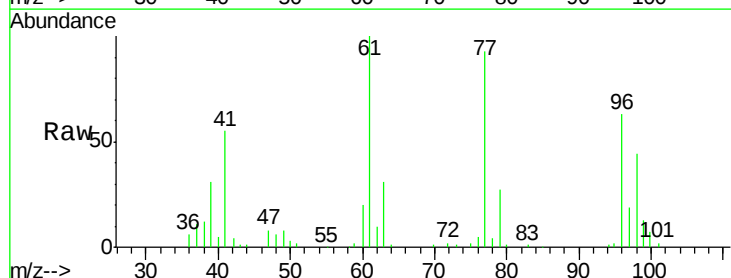
Acq: 31 Mar 2018 12:23

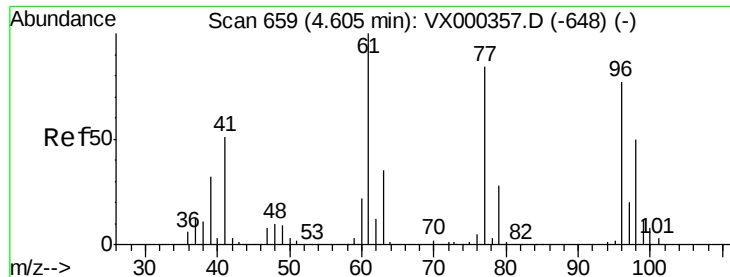
Tgt Ion: 77 Resp: 57054

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8

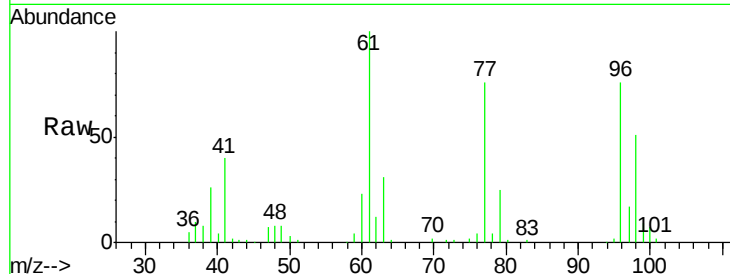




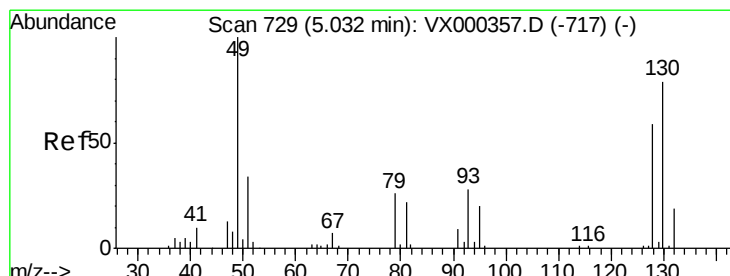
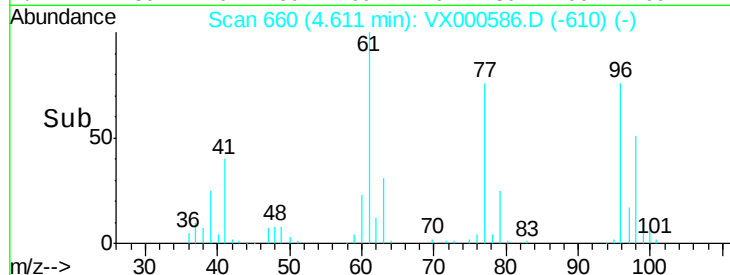
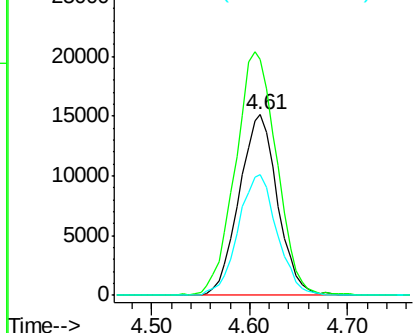
#27

cis-1,2-Dichloroethene
Concen: 20.30 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion: 96 Resp: 41181
Ion Ratio Lower Upper
96 100
61 145.5 0.0 291.6
98 67.7 0.0 132.0



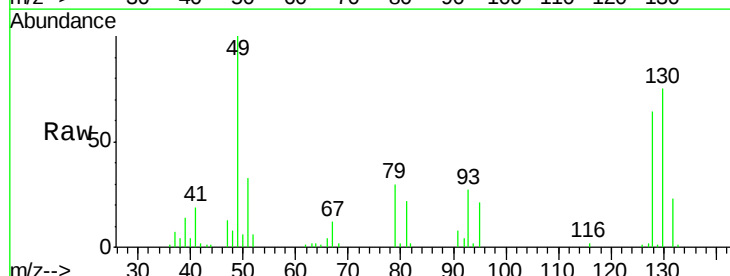
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



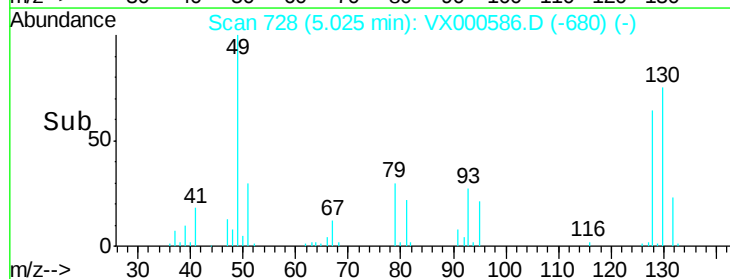
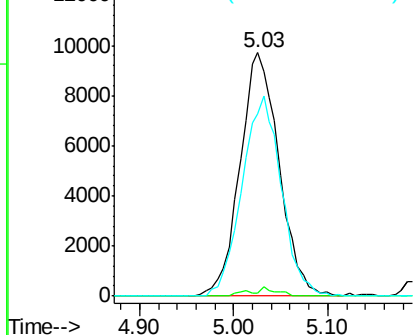
#28

Bromochloromethane
Concen: 17.85 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 49 Resp: 28148
Ion Ratio Lower Upper
49 100
129 1.6 0.0 5.0
130 82.7 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 25.91 ug/l

RT: 5.15 min Scan# 748

Delta R.T. -0.03 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

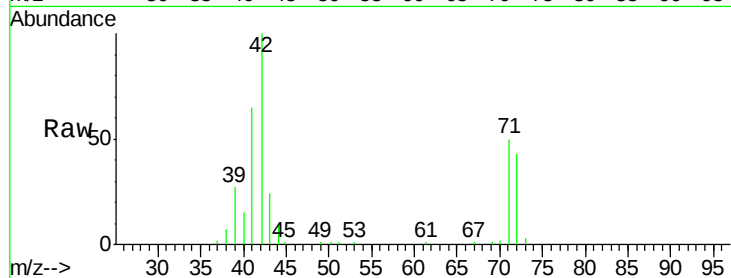
Tot Ion: 42 Resp: 34931

Ion Ratio Lower Upper

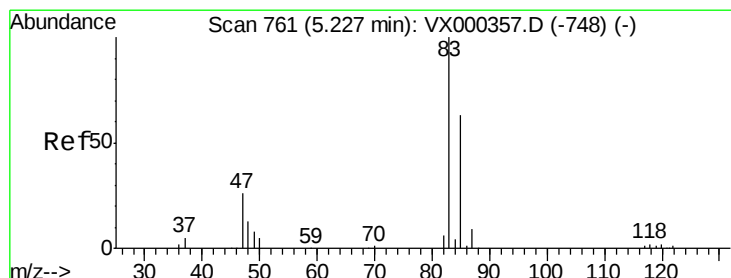
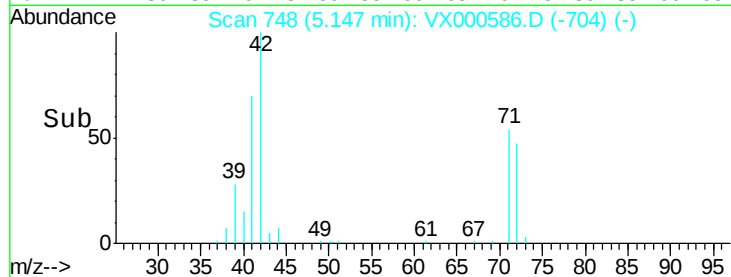
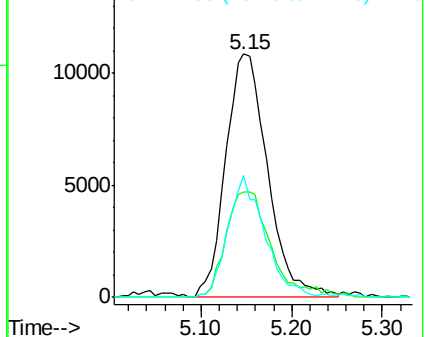
42 100

72 47.1 37.9 56.9

71 43.9 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.41 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000586.D

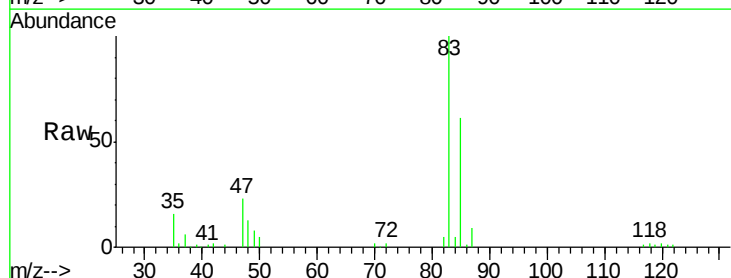
Acq: 31 Mar 2018 12:23

Tgt Ion: 83 Resp: 73146

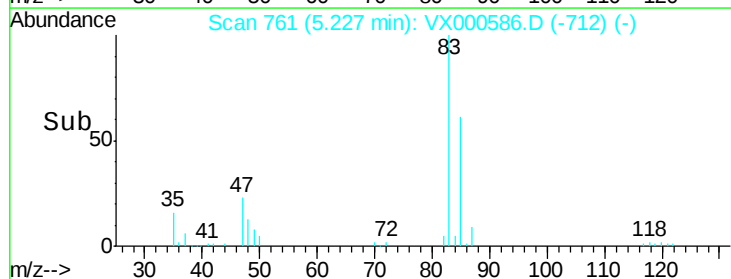
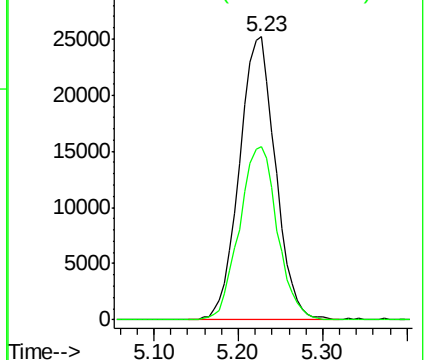
Ion Ratio Lower Upper

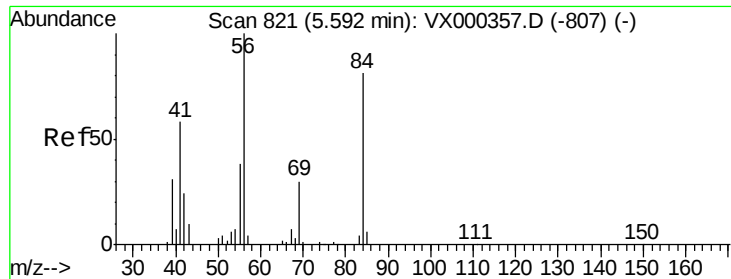
83 100

85 61.3 53.3 79.9



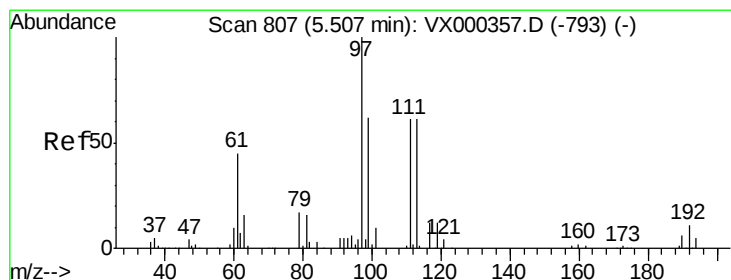
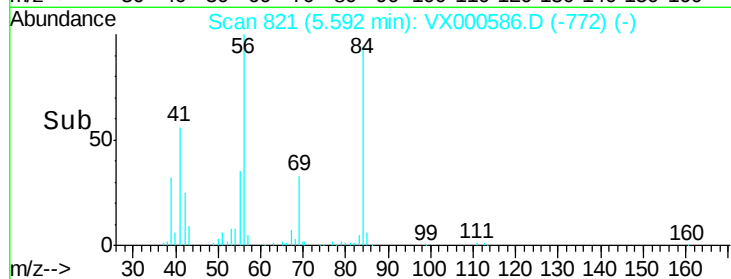
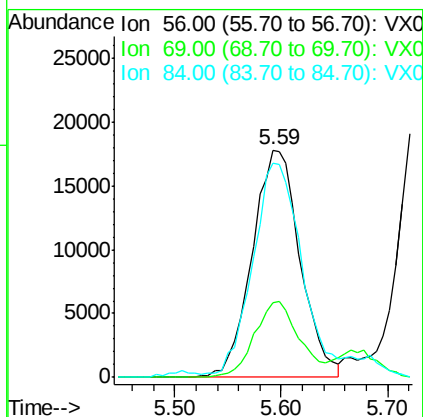
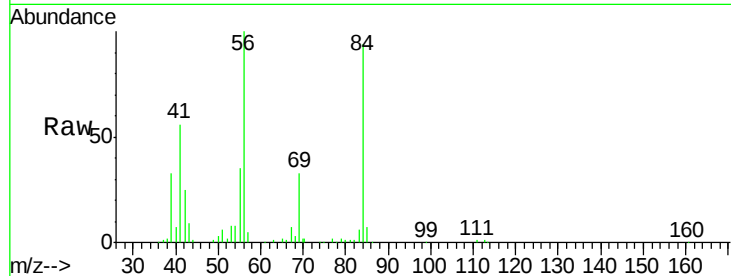
Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





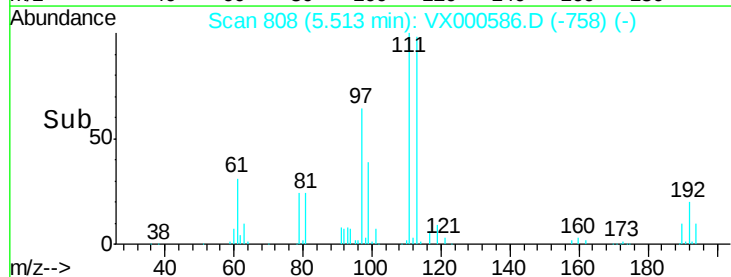
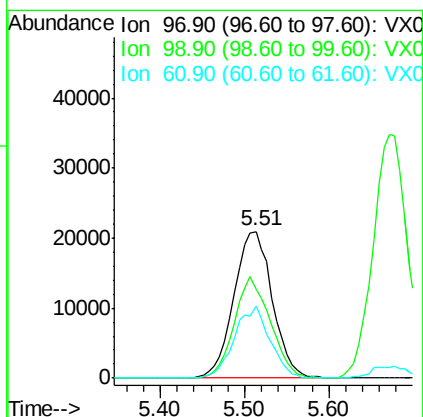
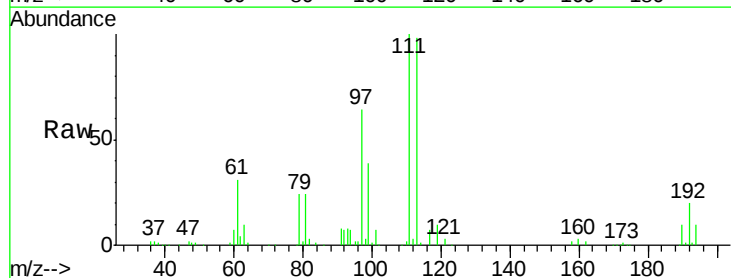
#31
Cyclohexane
Concen: 18.87 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion: 56 Resp: 55793
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.0
84 92.5 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.01 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

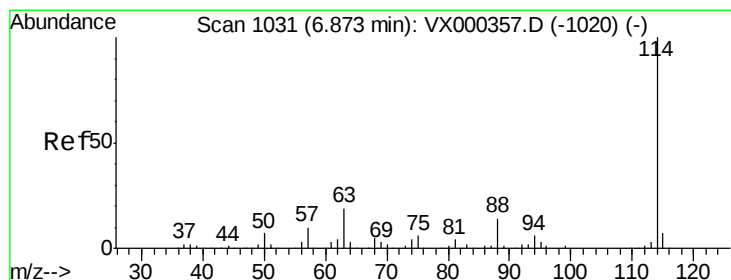
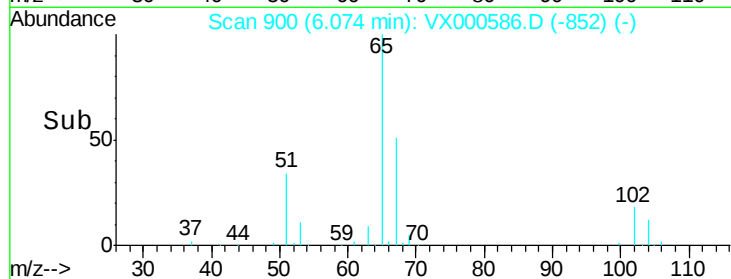
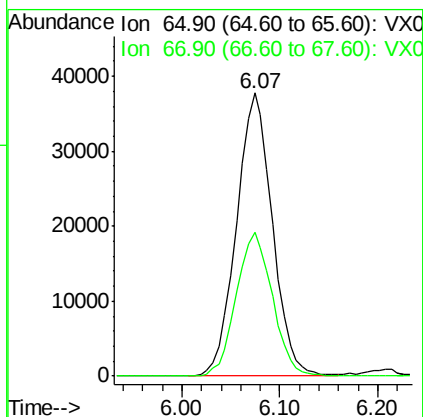
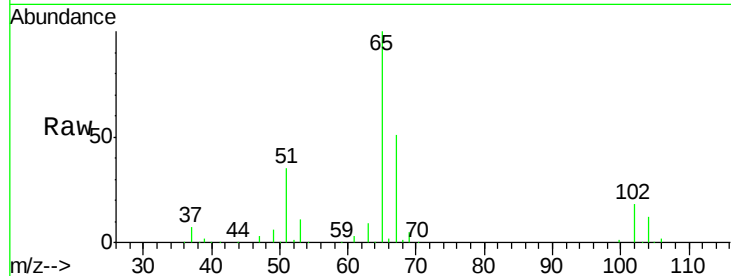
Tgt Ion: 97 Resp: 64689
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 45.5 36.2 54.4





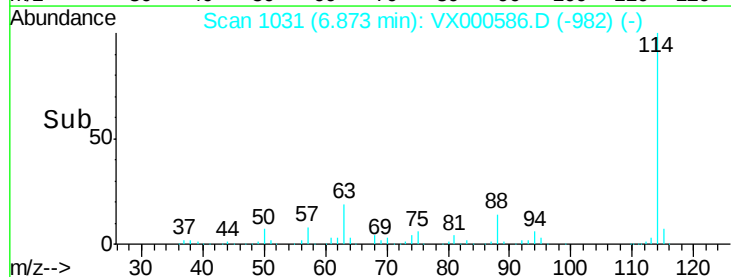
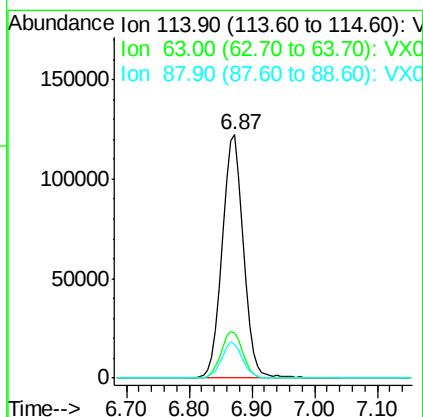
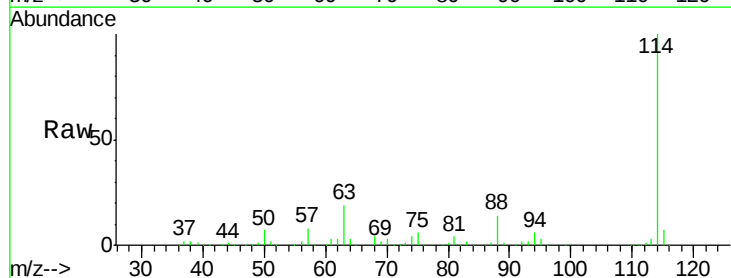
#33
 1,2-Dichloroethane-d4
 Concen: 40.94 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tot Ion: 65 Resp: 95929
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 114 Resp: 287417
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 13.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.01 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

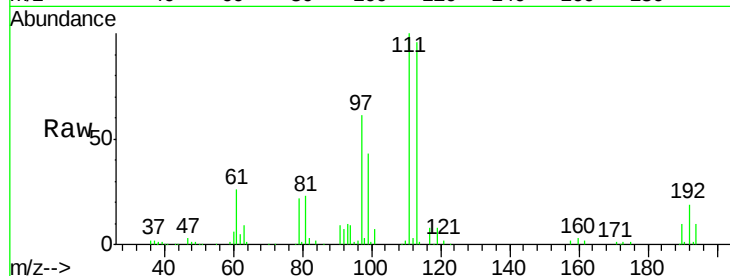
Tot Ion:113 Resp: 92384

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

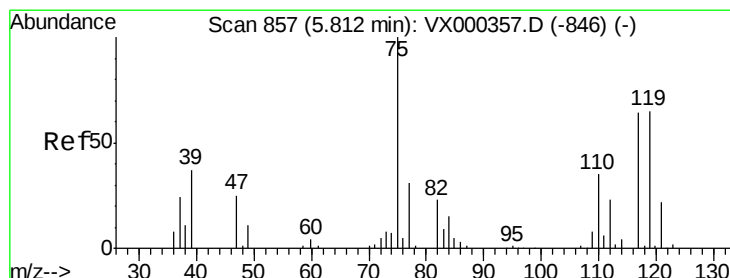
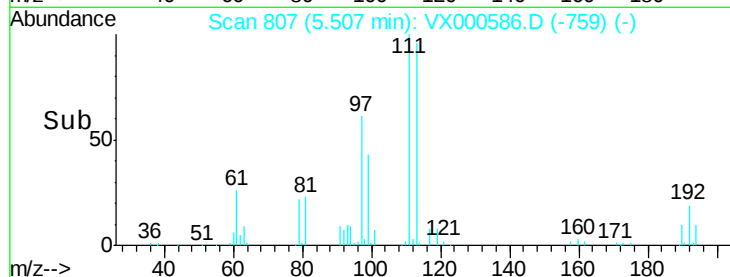
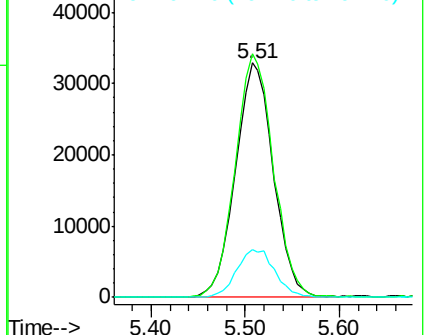
192 20.5 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.11 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

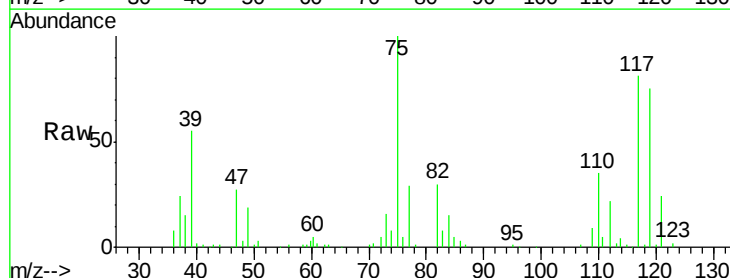
Tgt Ion: 75 Resp: 51448

Ion Ratio Lower Upper

75 100

110 37.6 17.9 53.7

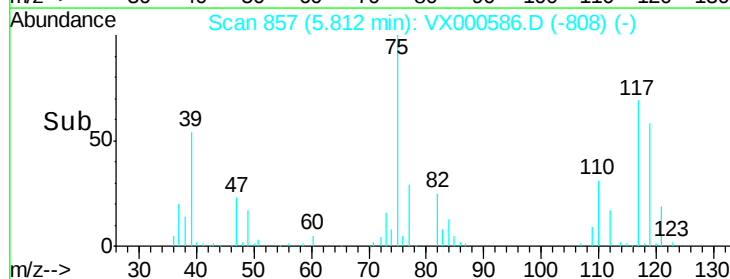
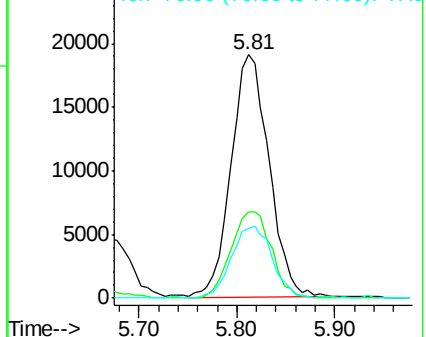
77 31.6 24.0 36.0

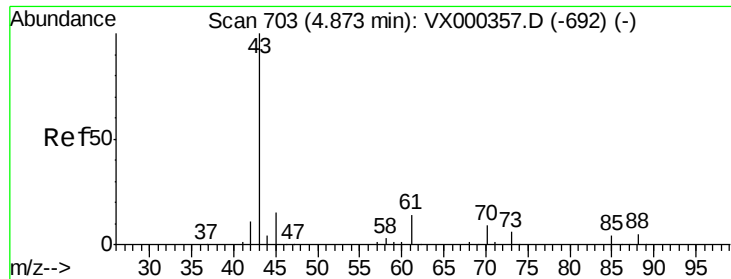


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

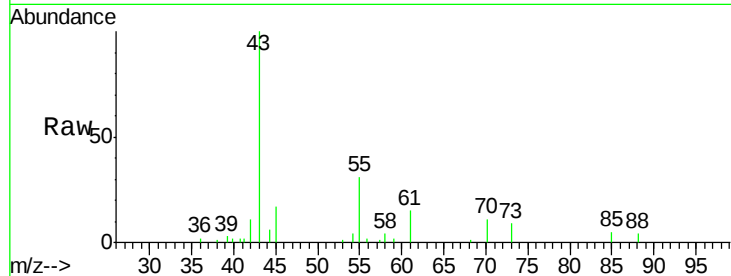
Ion 76.90 (76.60 to 77.60): VX0



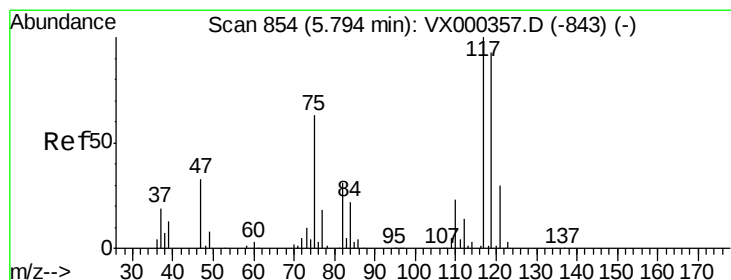
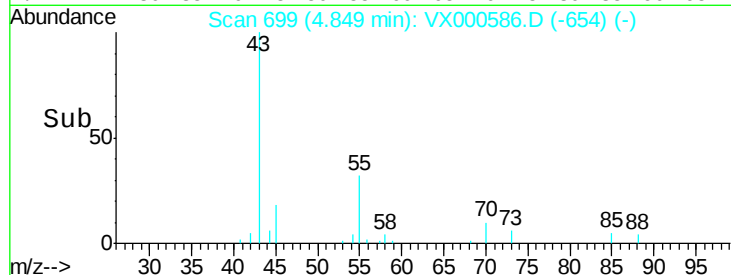
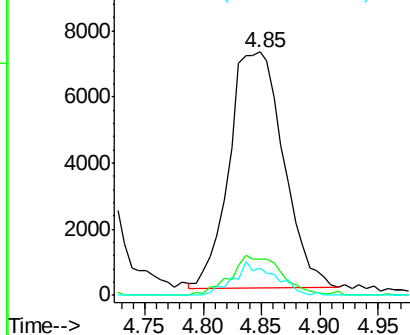


#37
Ethyl Acetate
Concen: 6.27 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.02 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 23066
Ion Ratio Lower Upper
43 100
61 16.0 11.1 16.7
70 10.7 7.7 11.5

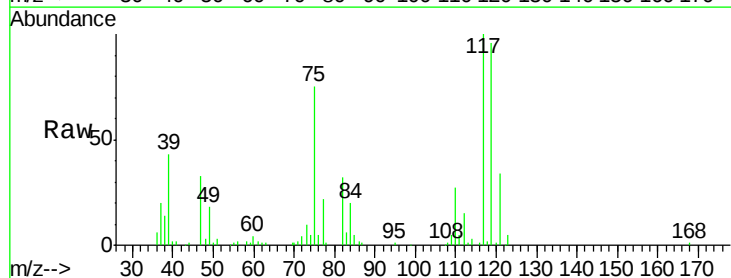


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

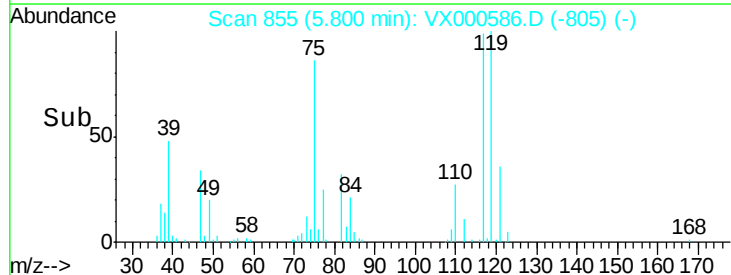
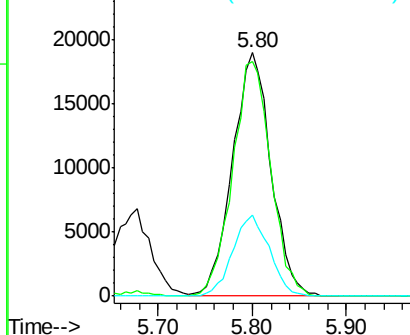


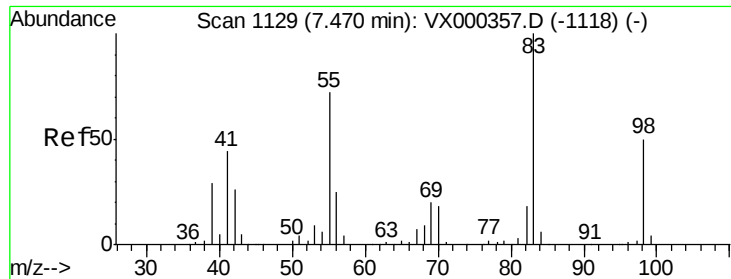
#38
Carbon Tetrachloride
Concen: 19.17 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 117 Resp: 54157
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 33.5 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 19.77 ug/l

RT: 7.48 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

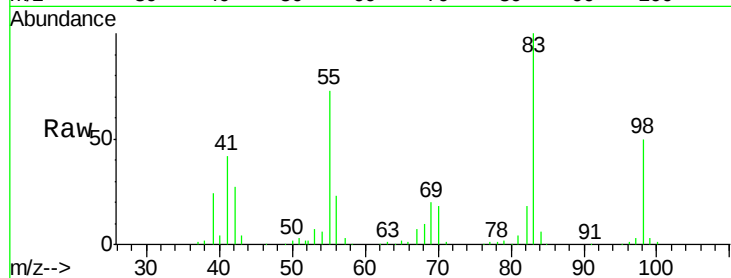
Tot Ion: 83 Resp: 64720

Ion Ratio Lower Upper

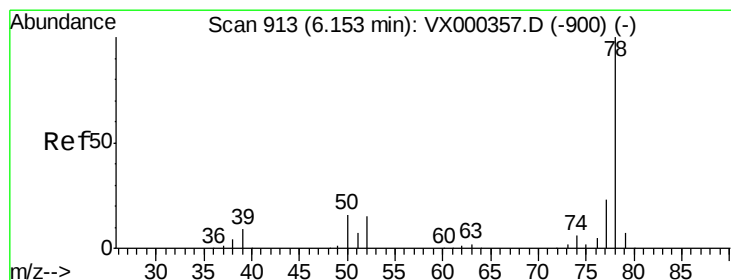
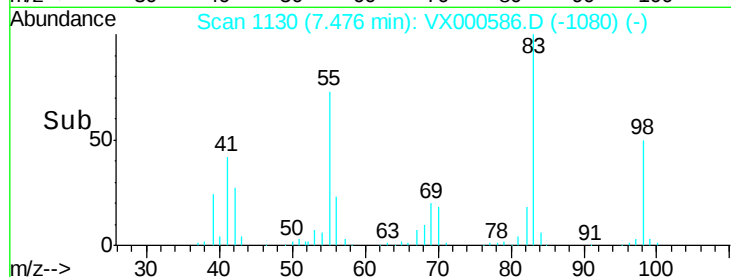
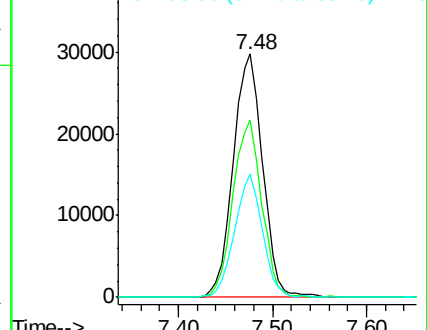
83 100

55 72.6 55.5 83.3

98 50.4 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.86 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000586.D

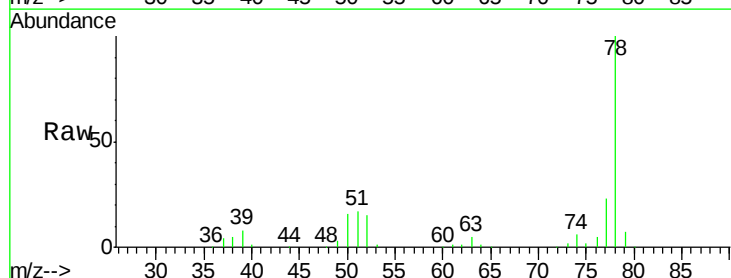
Acq: 31 Mar 2018 12:23

Tgt Ion: 78 Resp: 155243

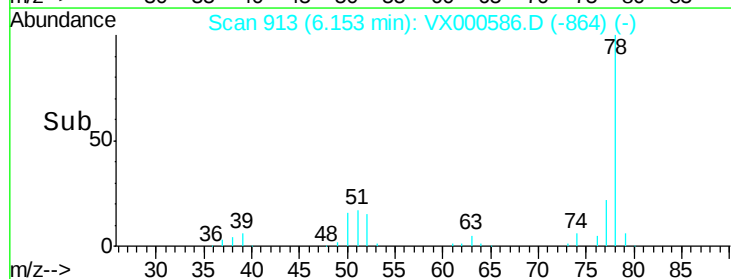
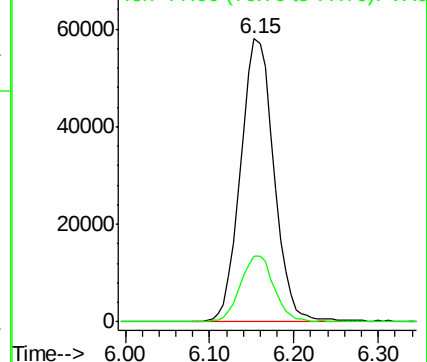
Ion Ratio Lower Upper

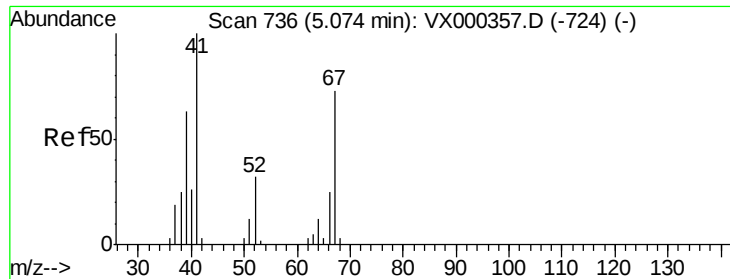
78 100

77 23.3 18.7 28.1



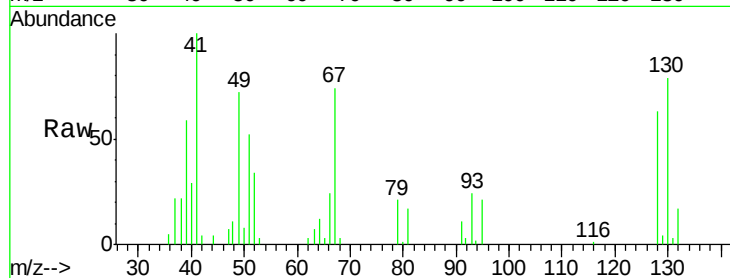
Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



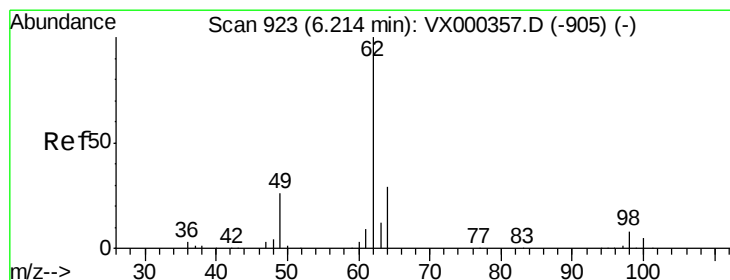
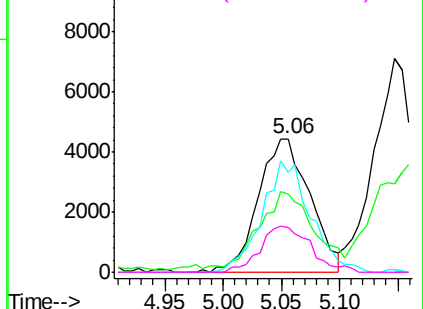
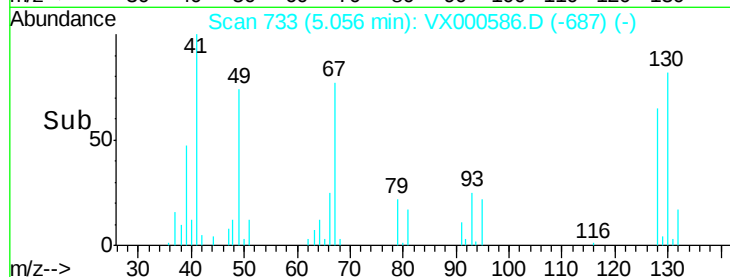


#41
Methacrylonitrile
Concen: 7.03 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion:	41	Resp:	13637
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.7	68.5
67	78.5	57.8	86.8
52	33.9	26.7	40.1

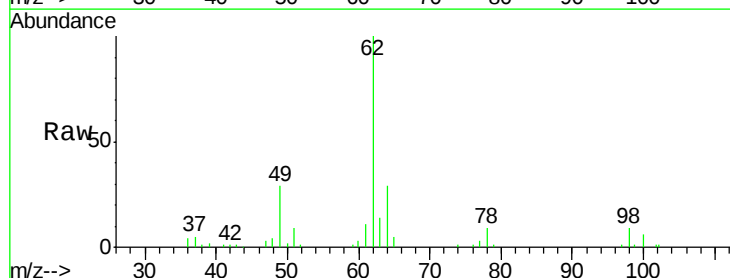


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

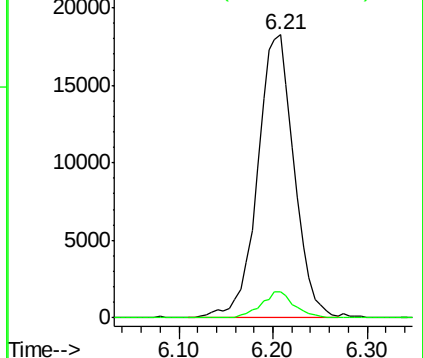
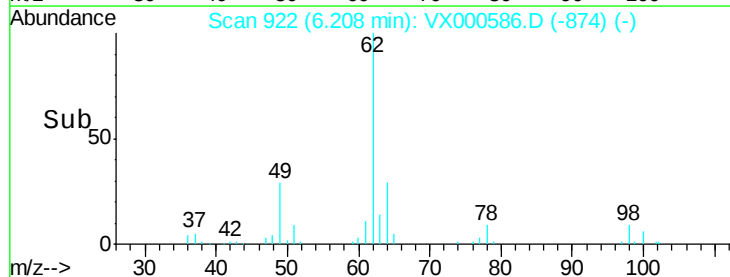


#42
1,2-Dichloroethane
Concen: 16.16 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:	62	Resp:	49580
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 8.76 ug/l

RT: 6.46 min Scan# 964

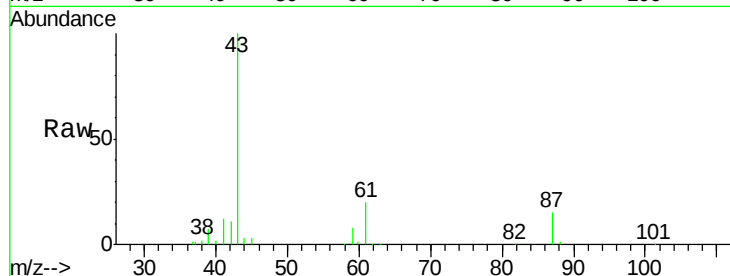
Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 47976

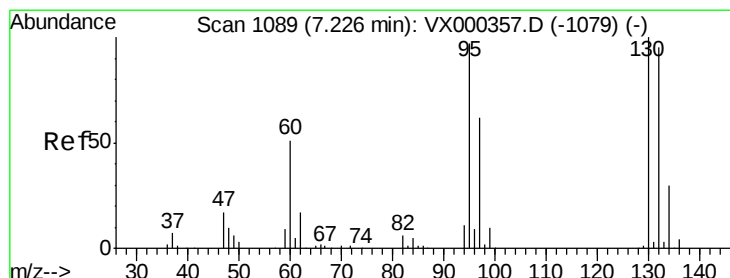
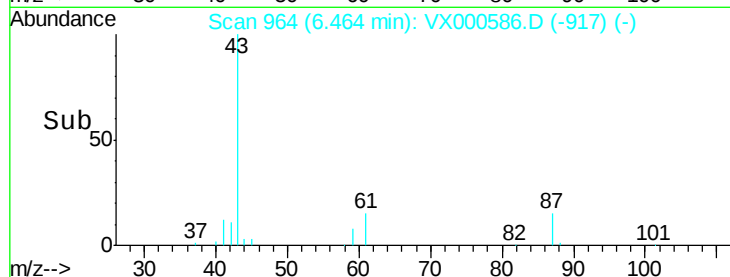
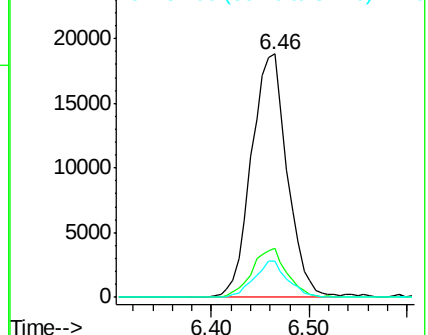
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.4	21.6
87	13.7	11.0	16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.02 ug/l

RT: 7.22 min Scan# 1088

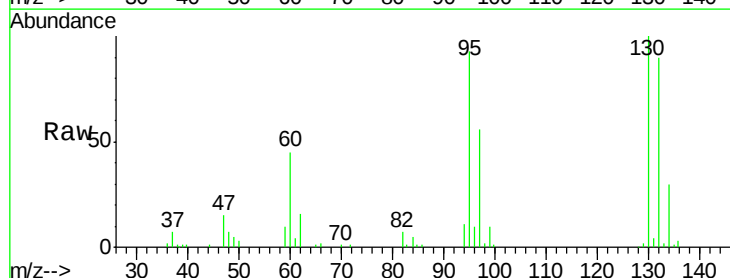
Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

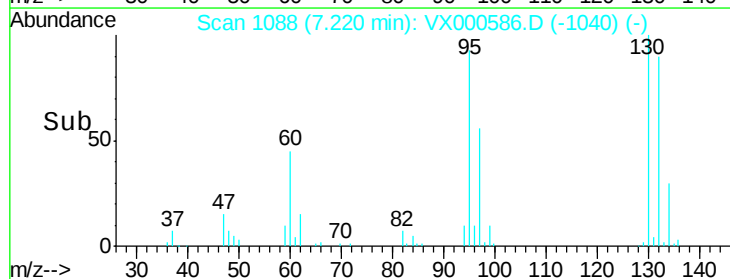
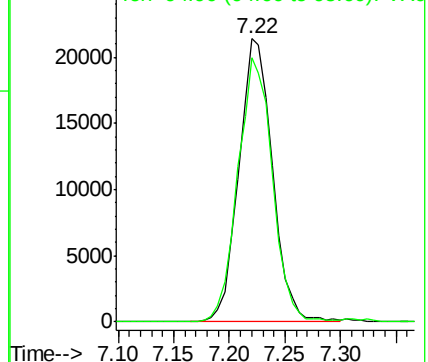
Tgt Ion: 130 Resp: 44835

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.41 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000586.D

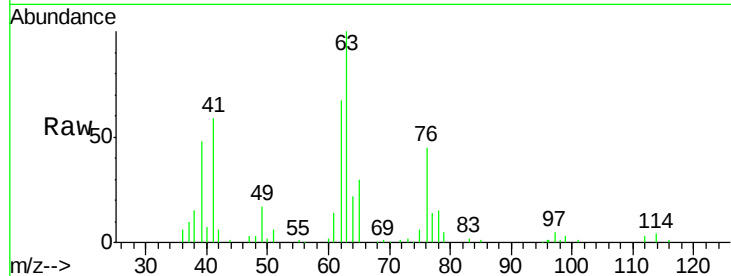
Acq: 31 Mar 2018 12:23

Tot Ion: 63 Resp: 38839

Ion Ratio Lower Upper

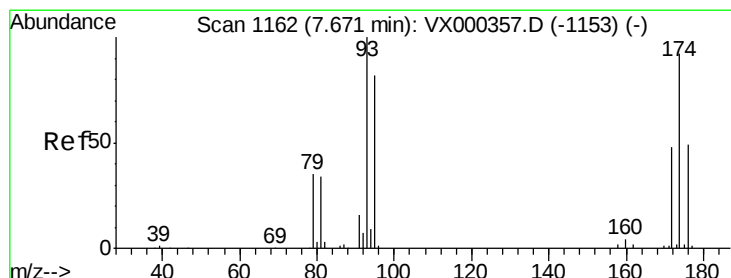
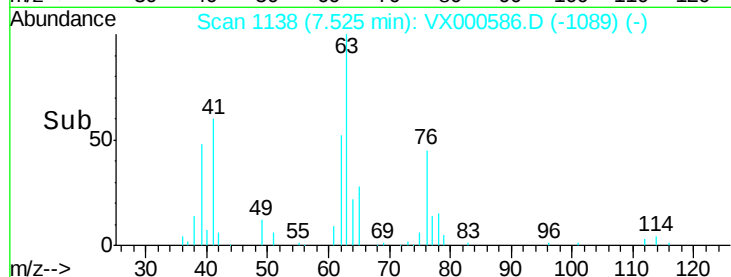
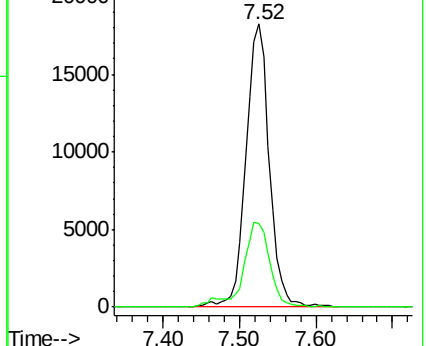
63 100

65 29.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 14.75 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

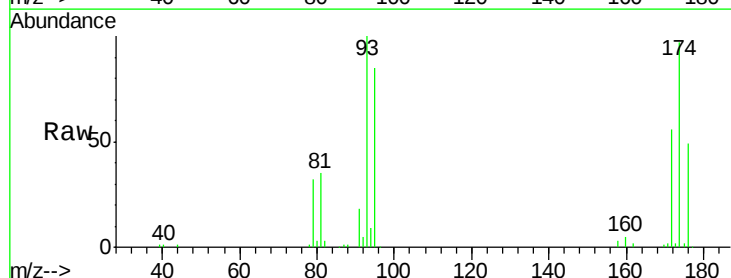
Tgt Ion: 93 Resp: 23168

Ion Ratio Lower Upper

93 100

95 83.3 66.5 99.7

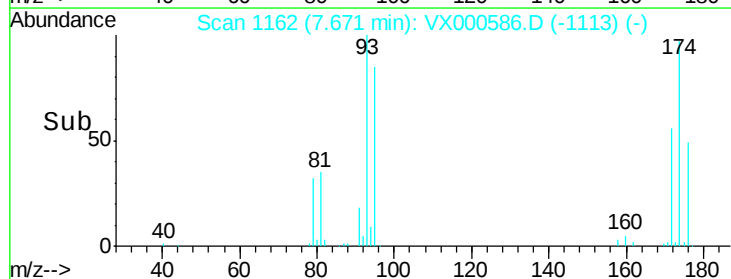
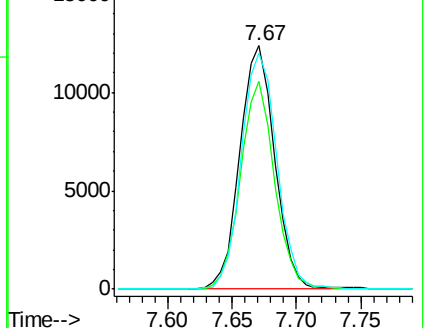
174 98.9 76.0 114.0

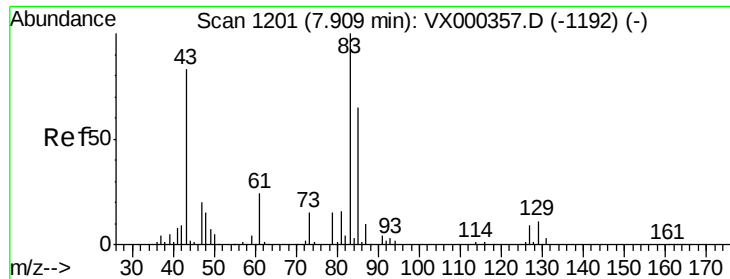


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.82 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

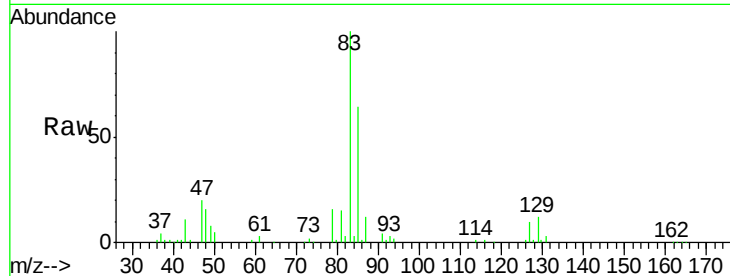
Tot Ion: 83 Resp: 52012

Ion Ratio Lower Upper

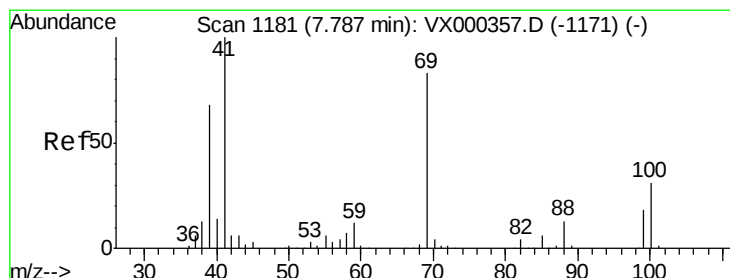
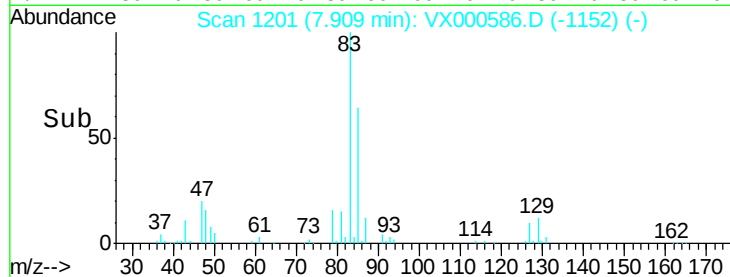
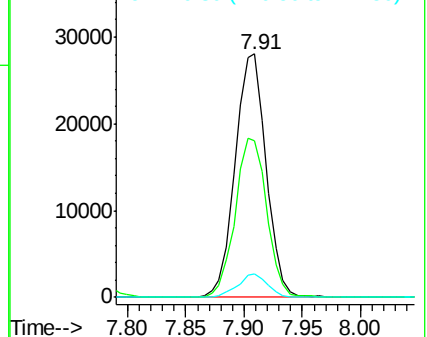
83 100

85 64.5 51.4 77.0

127 9.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 8.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

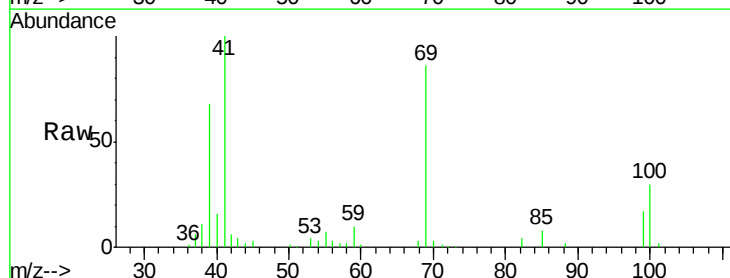
Tgt Ion: 41 Resp: 23290

Ion Ratio Lower Upper

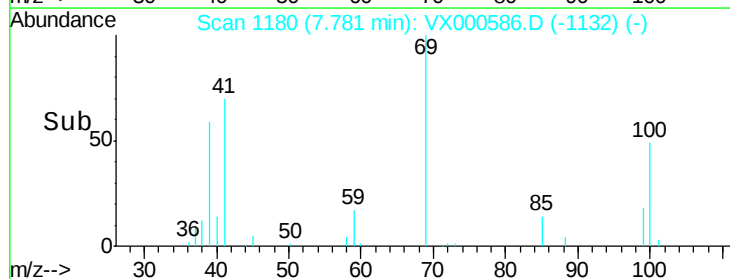
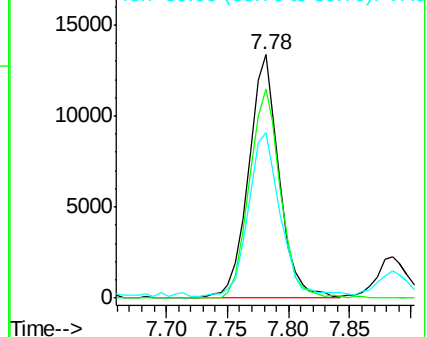
41 100

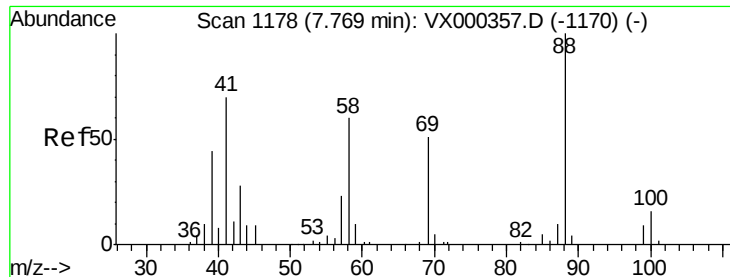
69 86.7 68.2 102.4

39 69.3 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 82.65 ug/l

RT: 7.75 min Scan# 1175

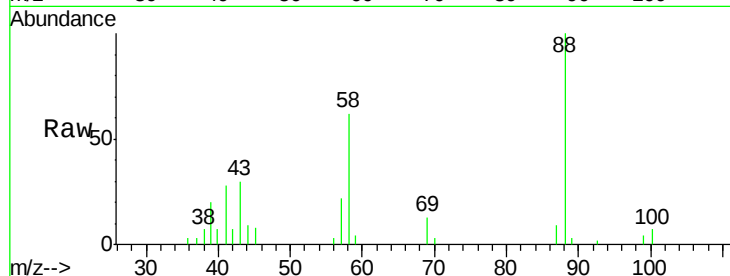
Delta R.T. -0.02 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tot Ion: 88 Resp: 4617

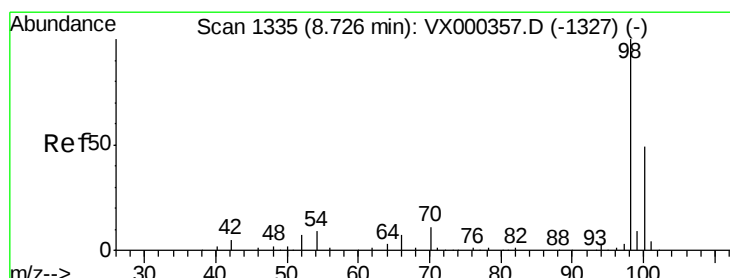
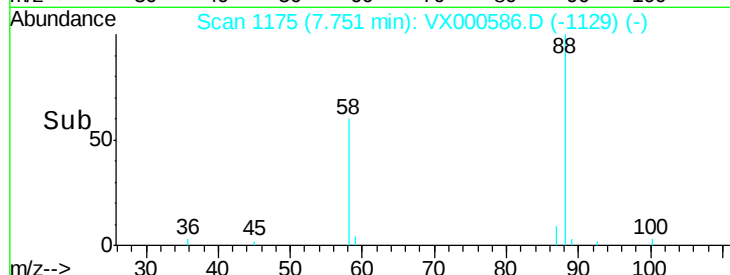
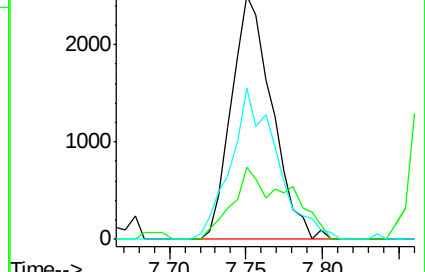
Ion	Ratio	Lower	Upper
88	100		
43	40.6	26.8	40.2#
58	70.8	52.2	78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.53 ug/l

RT: 8.73 min Scan# 1335

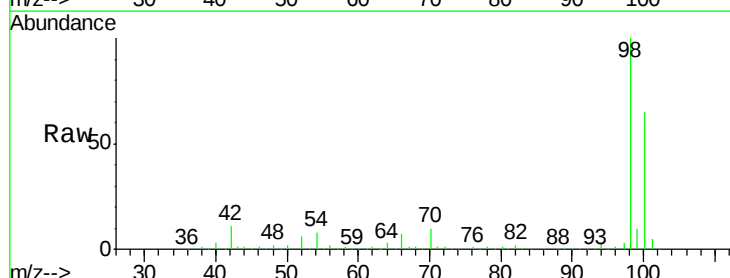
Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

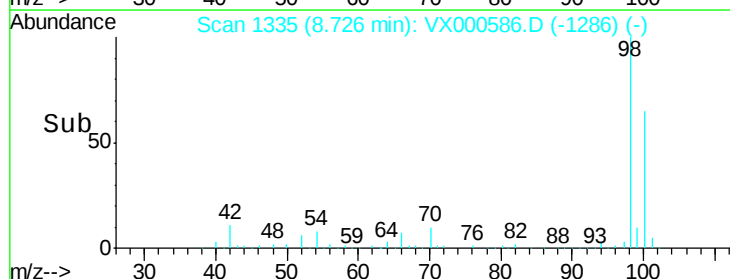
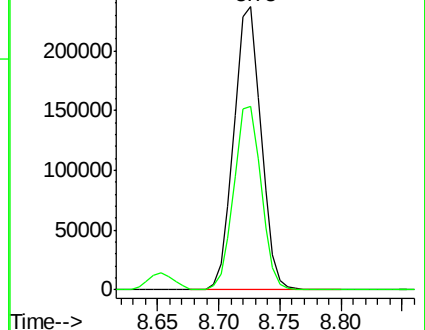
Tgt Ion: 98 Resp: 363979

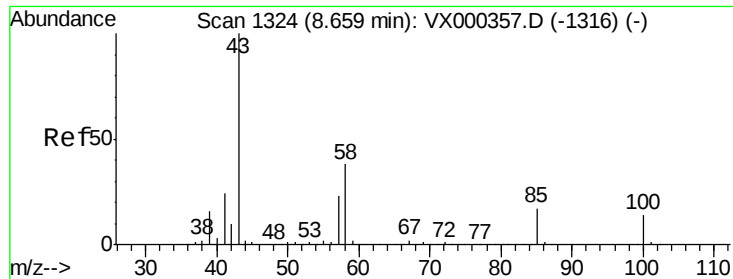
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 32.08 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000586.D

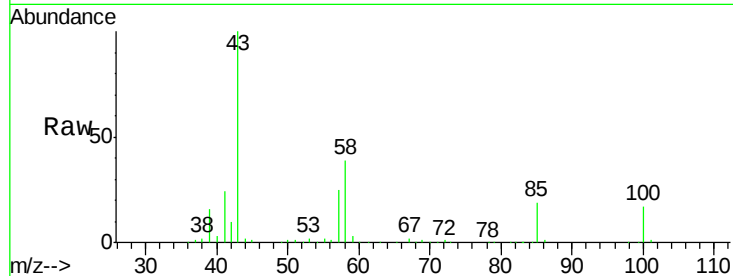
Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 135932

Ion Ratio Lower Upper

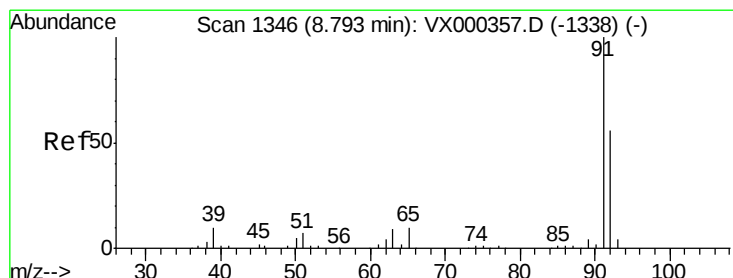
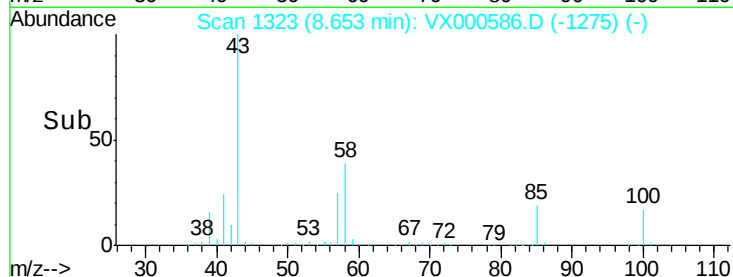
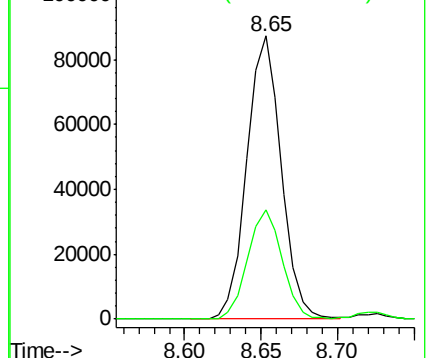
43 100

58 39.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.27 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000586.D

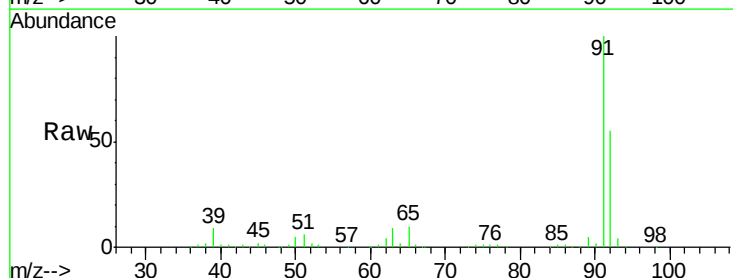
Acq: 31 Mar 2018 12:23

Tgt Ion: 92 Resp: 105319

Ion Ratio Lower Upper

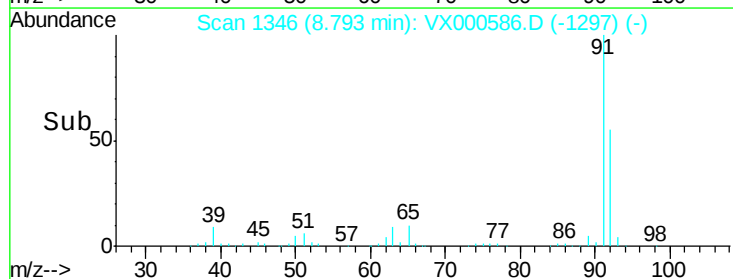
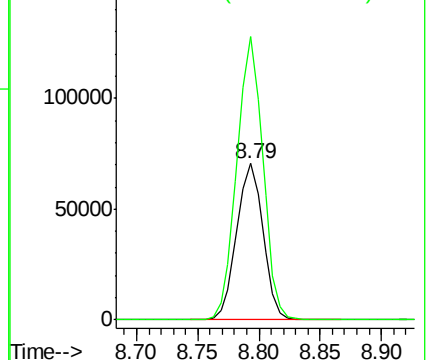
92 100

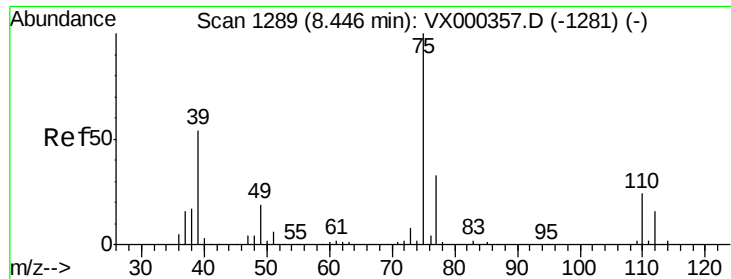
91 178.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.15 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000586.D

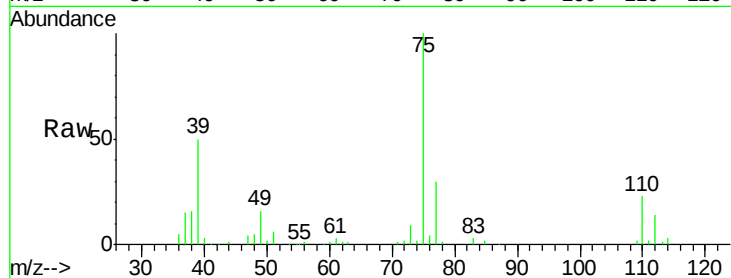
Acq: 31 Mar 2018 12:23

Tot Ion: 75 Resp: 58114

Ion Ratio Lower Upper

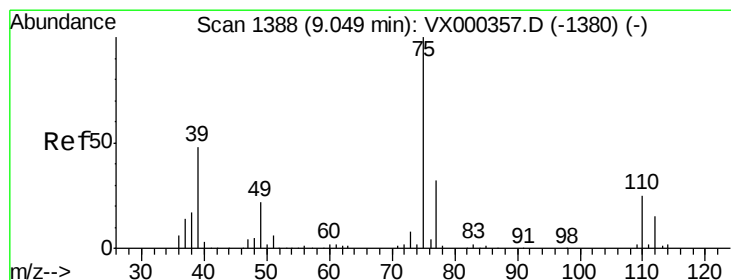
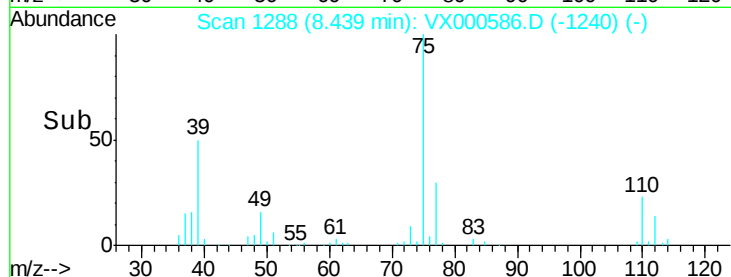
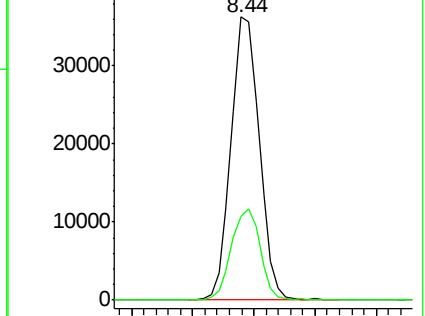
75 100

77 29.8 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.26 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

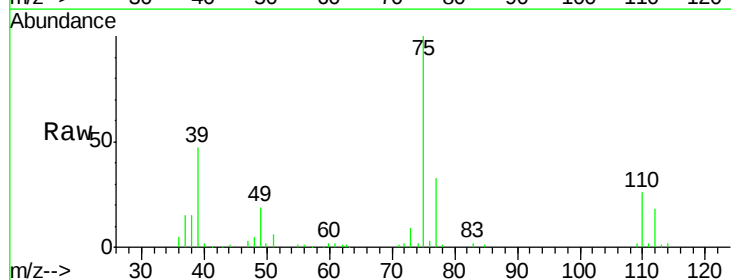
Tgt Ion: 75 Resp: 50526

Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

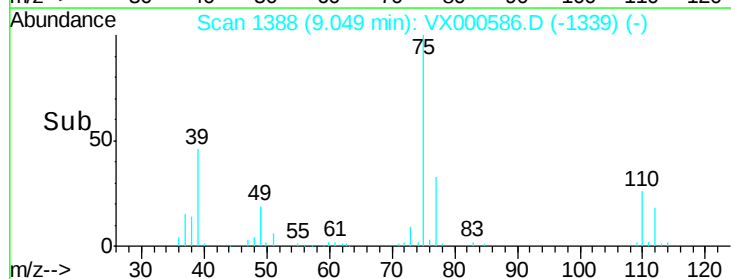
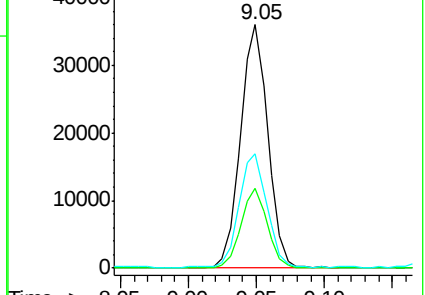
39 46.3 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

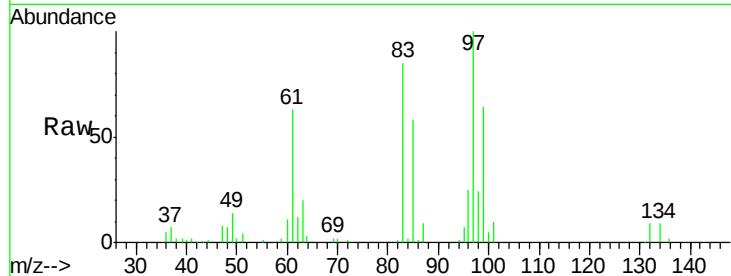




#55
 1,1,2-Trichloroethane
 Concen: 14.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tot Ion: 97 Resp: 33694

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	58.3	42.8	64.2
99	63.8	49.4	74.2

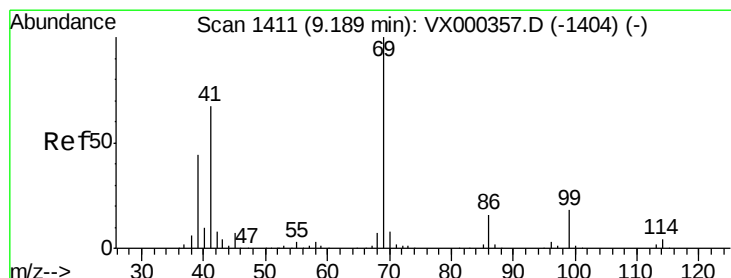
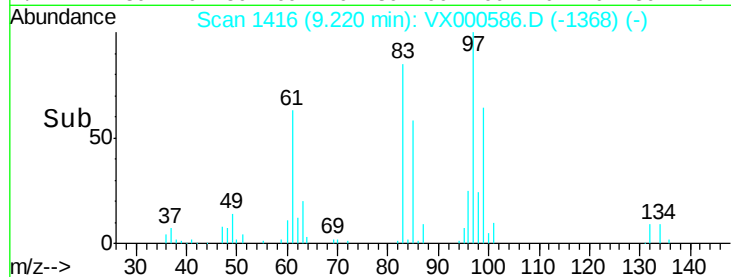
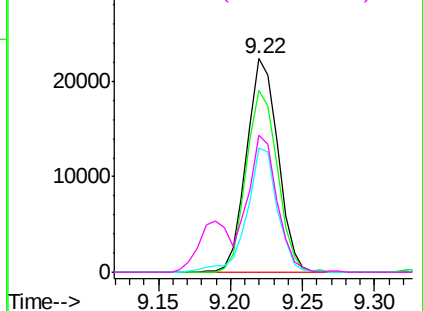


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

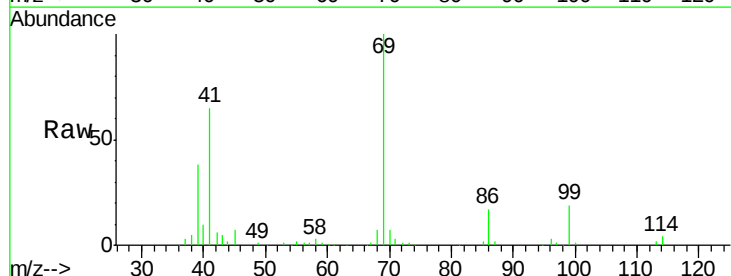
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 12.11 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 69 Resp: 41238

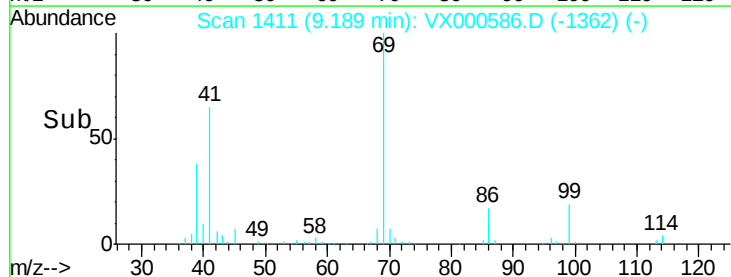
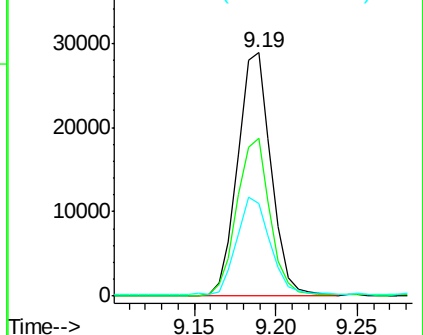
Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.0	79.6
39	41.0	35.3	52.9

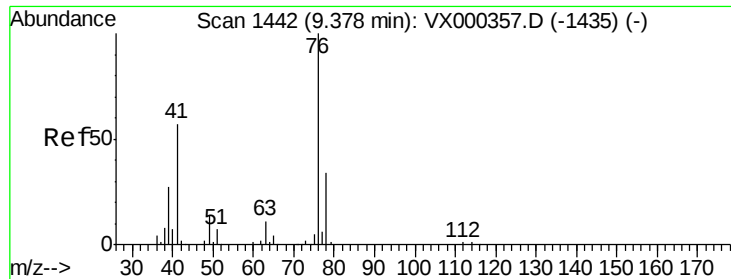


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 15.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000586.D

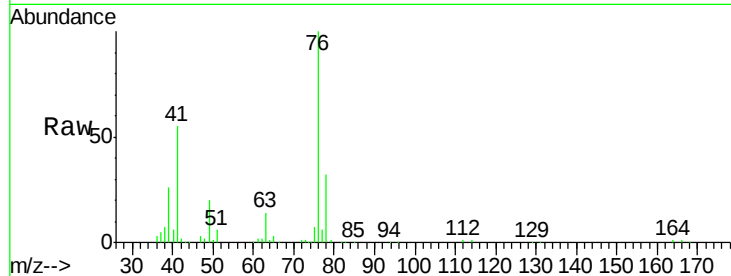
Acq: 31 Mar 2018 12:23

Tot Ion: 76 Resp: 54859

Ion Ratio Lower Upper

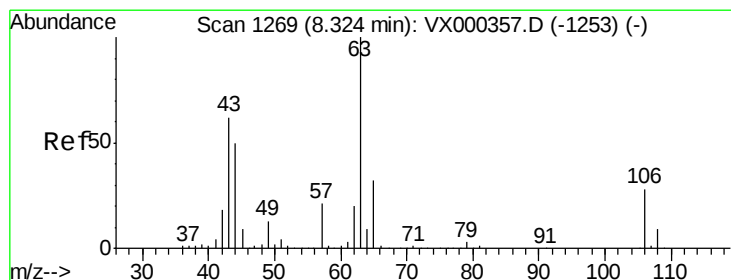
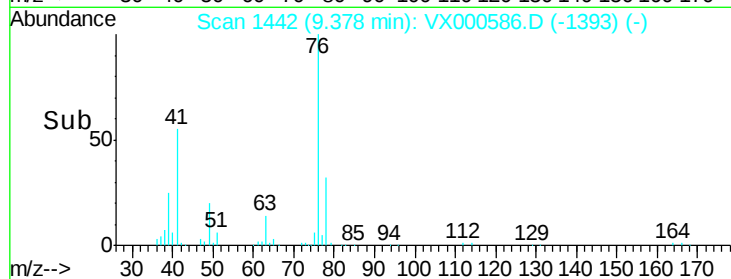
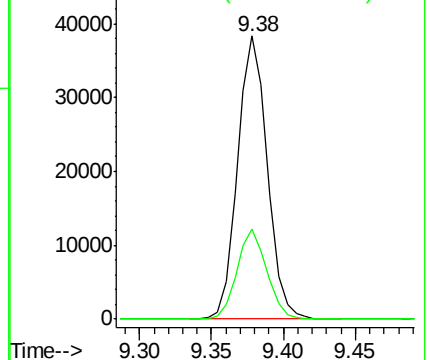
76 100

78 31.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 55.05 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000586.D

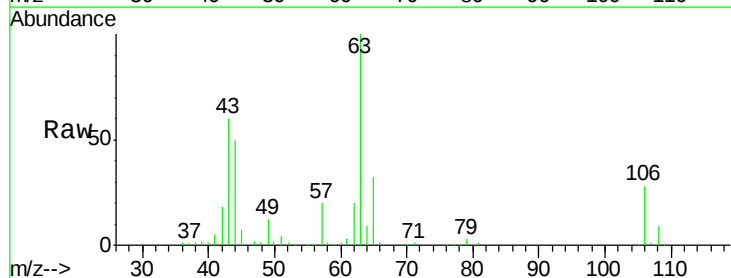
Acq: 31 Mar 2018 12:23

Tgt Ion: 63 Resp: 89982

Ion Ratio Lower Upper

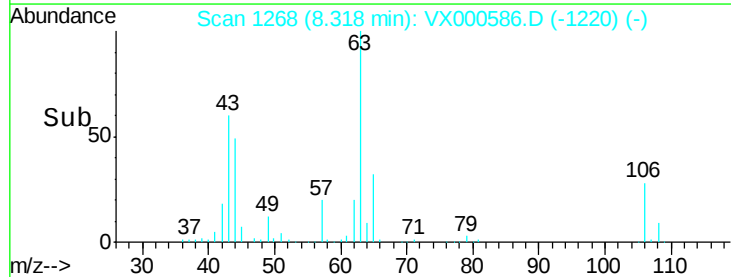
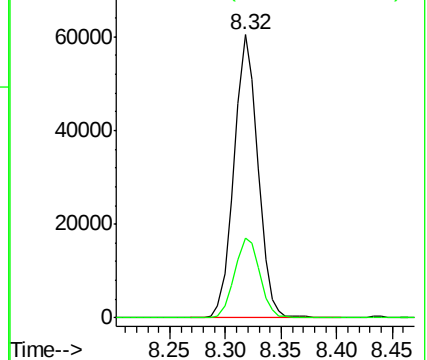
63 100

106 29.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 28.47 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX000586.D

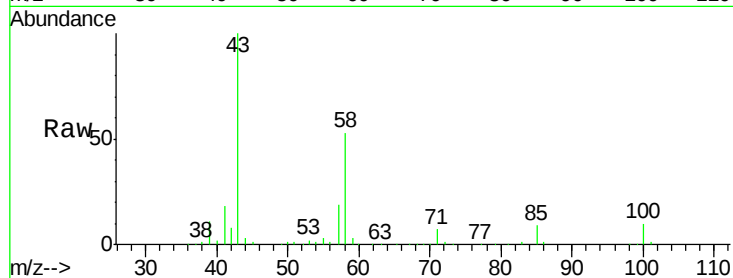
Acq: 31 Mar 2018 12:23

Tot Ion: 43 Resp: 102447

Ion Ratio Lower Upper

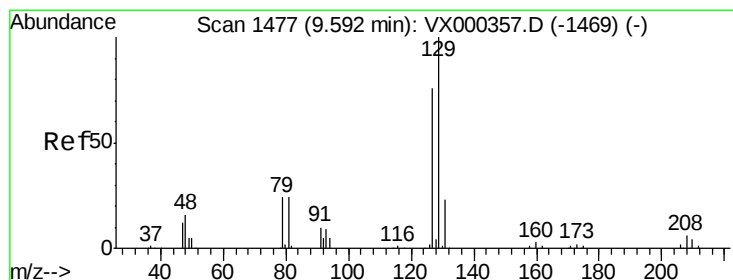
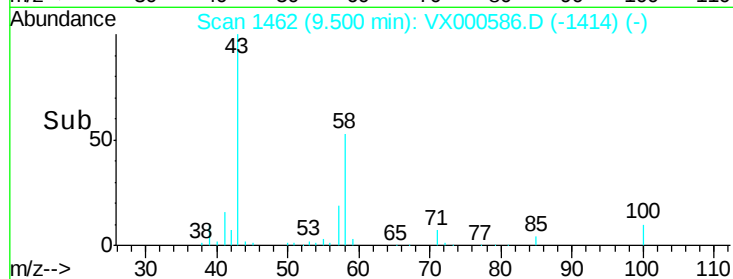
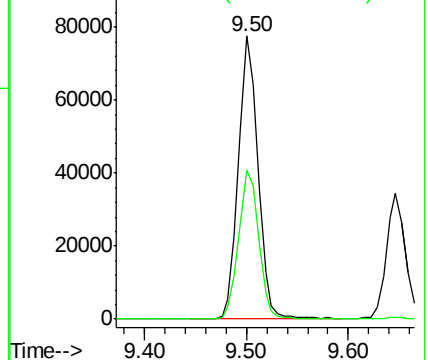
43 100

58 53.9 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 16.86 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000586.D

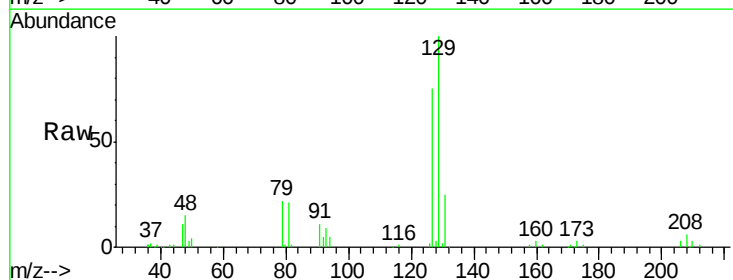
Acq: 31 Mar 2018 12:23

Tgt Ion: 129 Resp: 36951

Ion Ratio Lower Upper

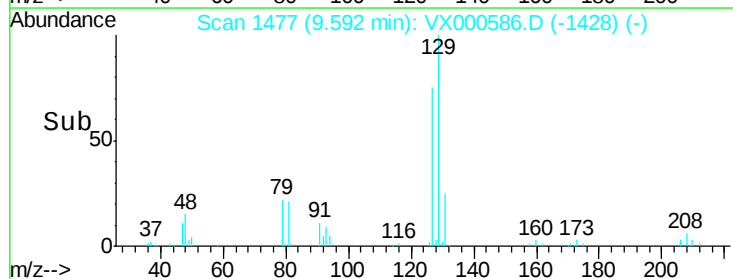
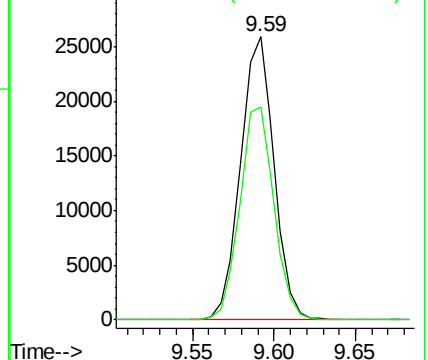
129 100

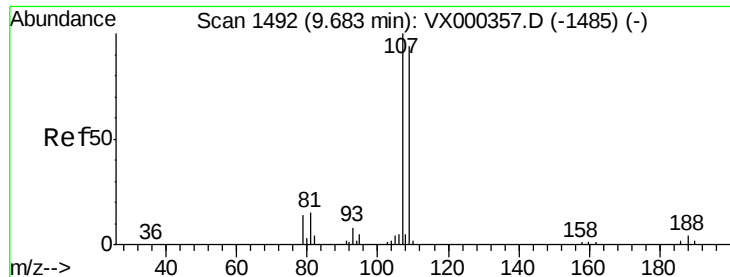
127 76.9 37.9 113.6



Abundance Ion 128.80 (128.50 to 129.50): V

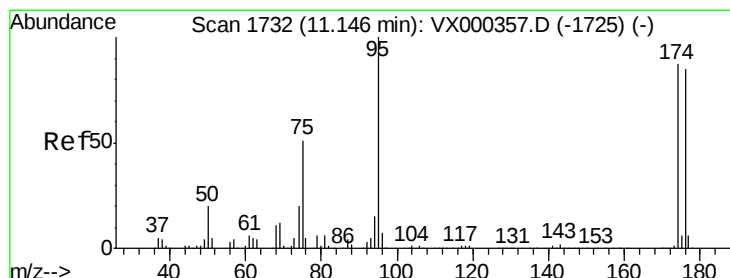
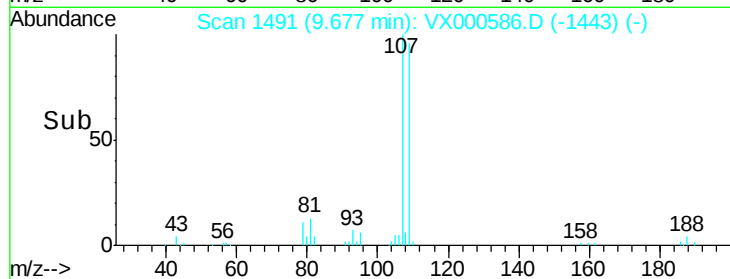
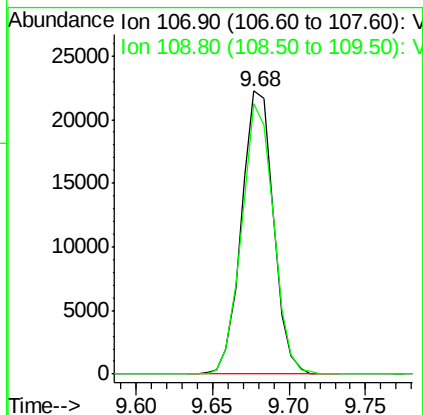
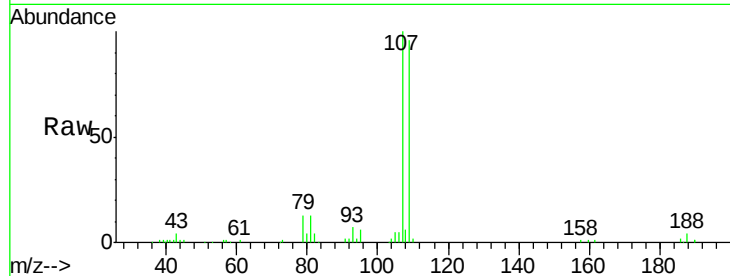
Ion 126.80 (126.50 to 127.50): V





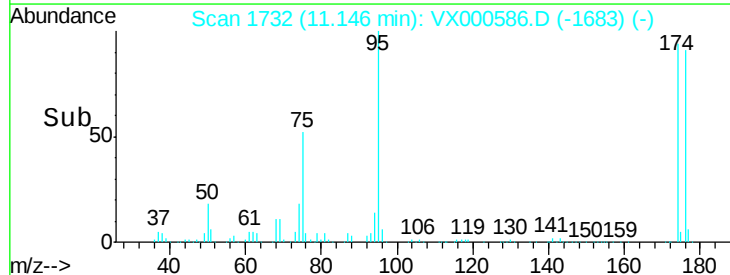
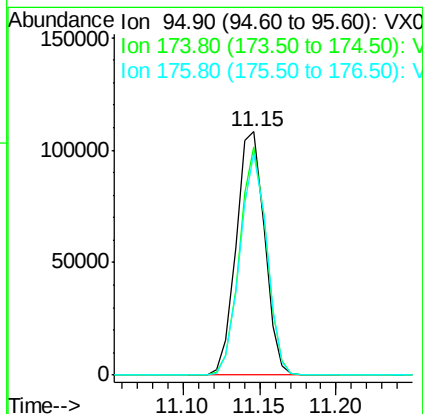
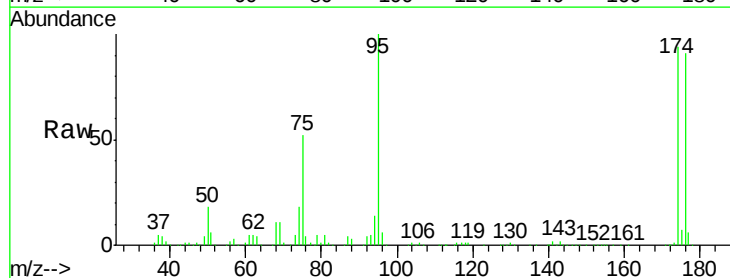
#61
 1,2-Dibromoethane
 Concen: 13.36 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

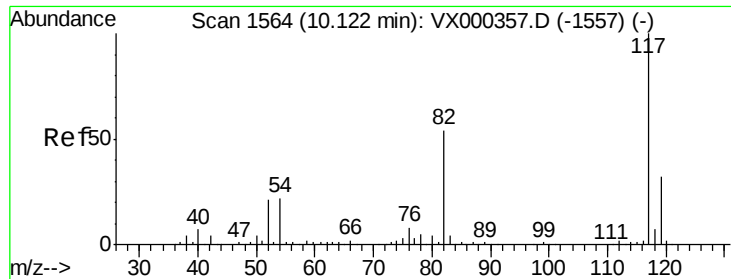
Tot Ion: 107 Resp: 32202
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 44.71 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

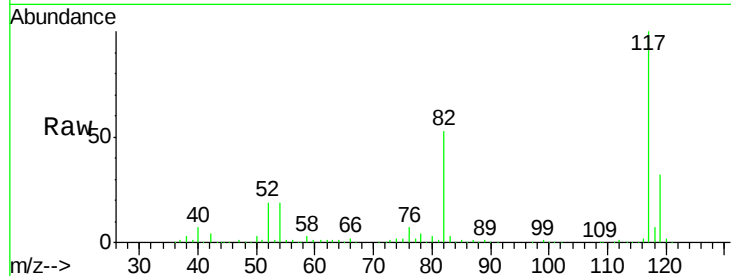
Tgt Ion: 95 Resp: 139341
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 173.6
 176 86.3 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.8
119	32.4	24.9	37.3

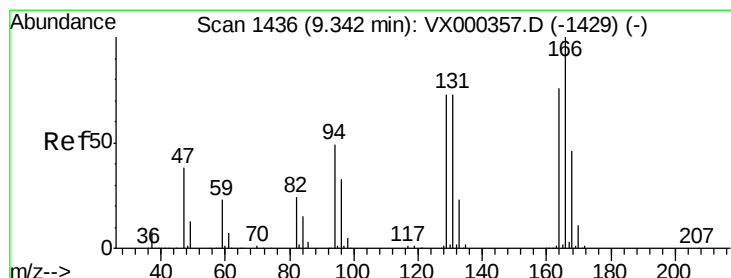
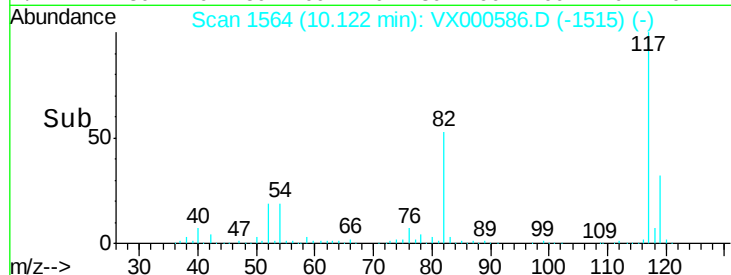
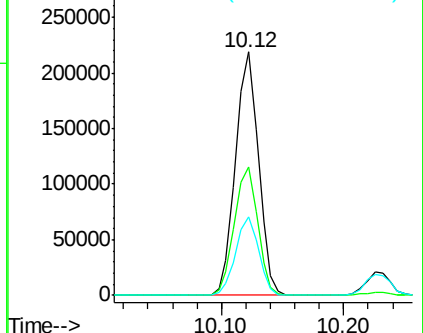


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.0	151.6
129	91.9	79.0	118.4
131	90.1	71.9	107.9

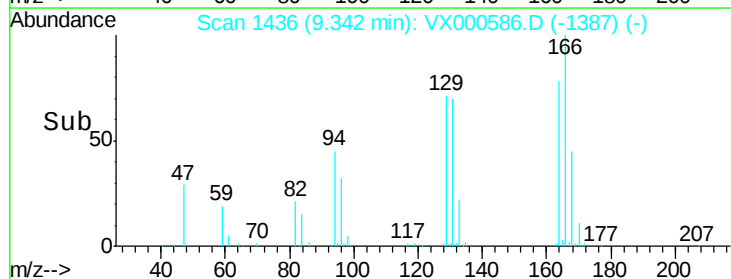
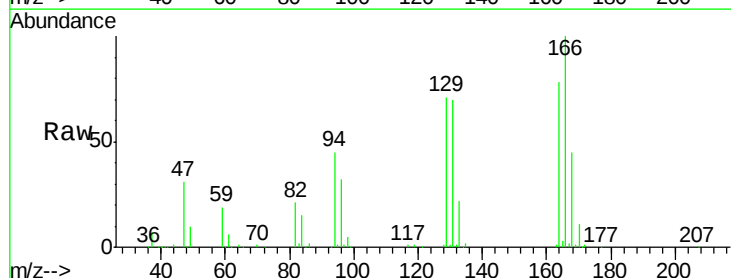
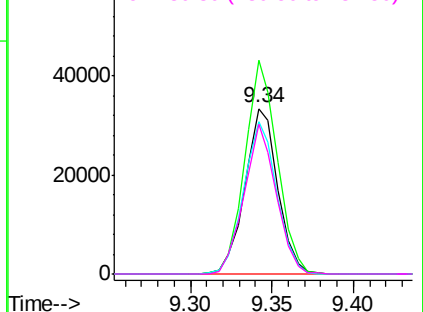
Abundance

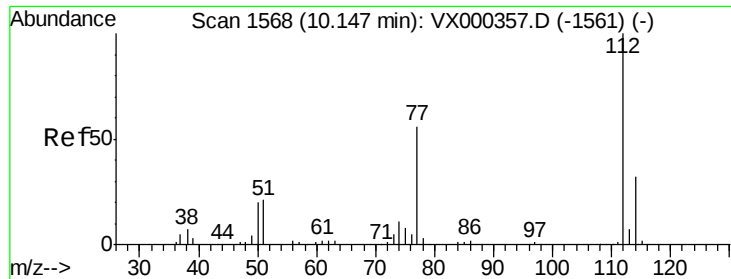
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

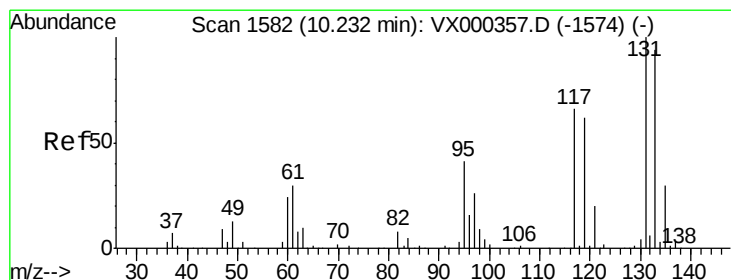
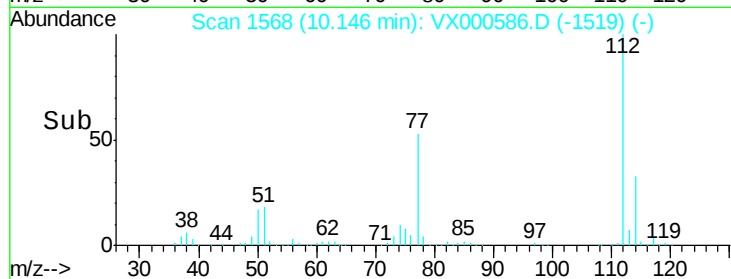
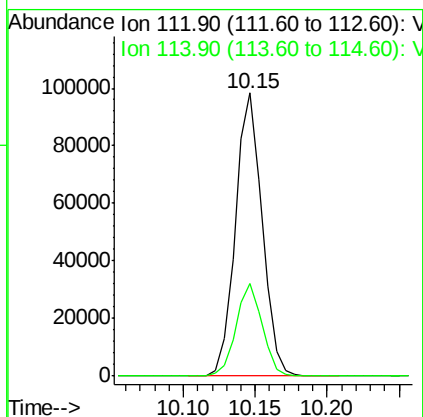
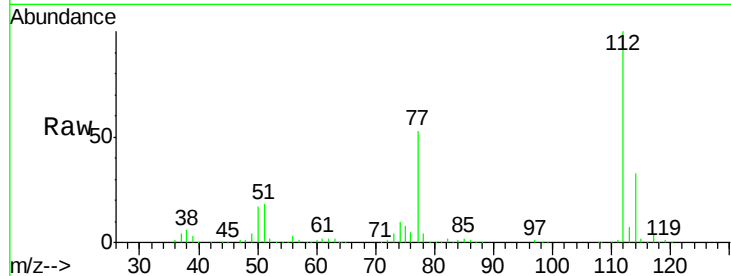
Ion 130.80 (130.50 to 131.50): V





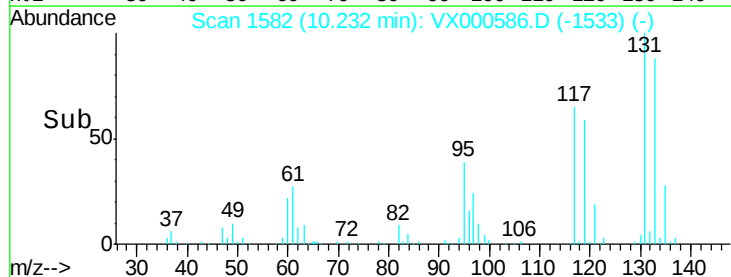
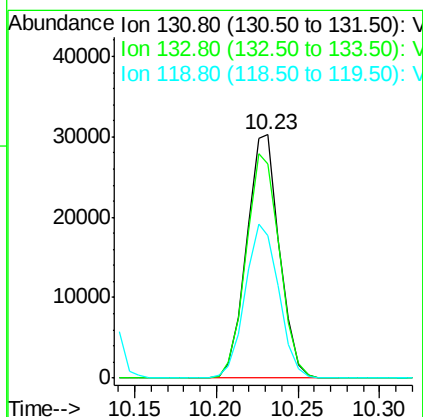
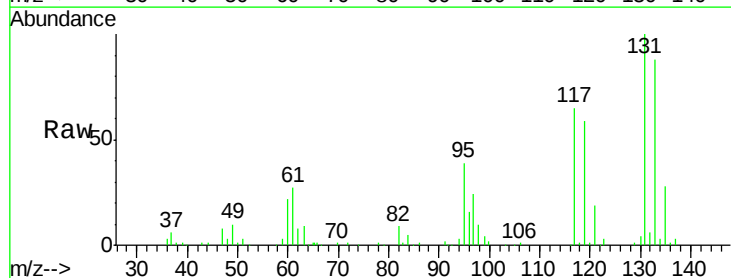
#65
Chlorobenzene
Concen: 20.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

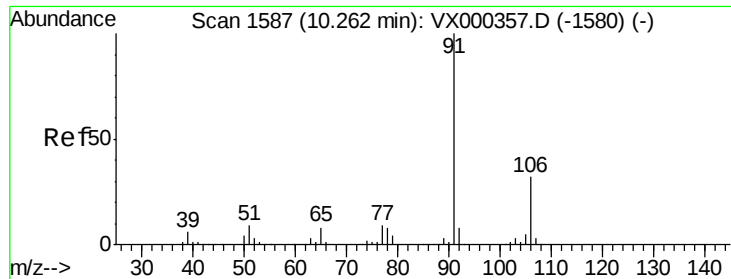
Tot Ion:112 Resp: 127037
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.78 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

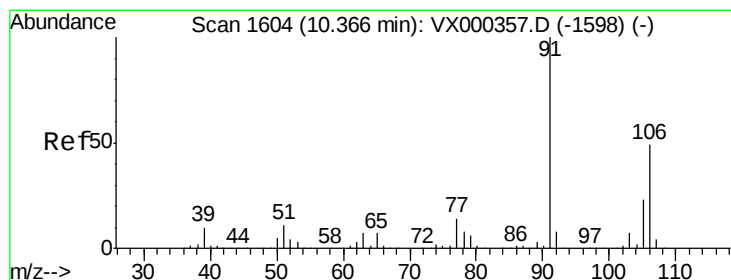
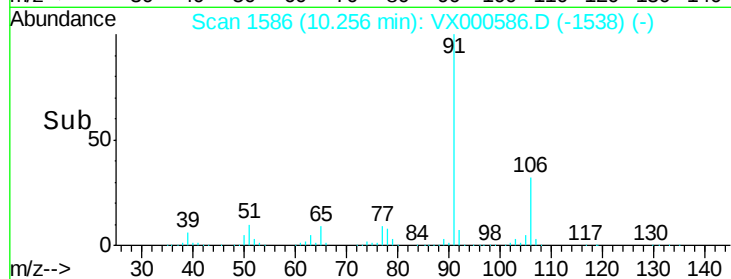
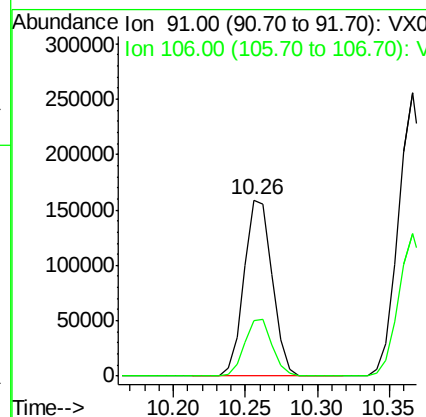
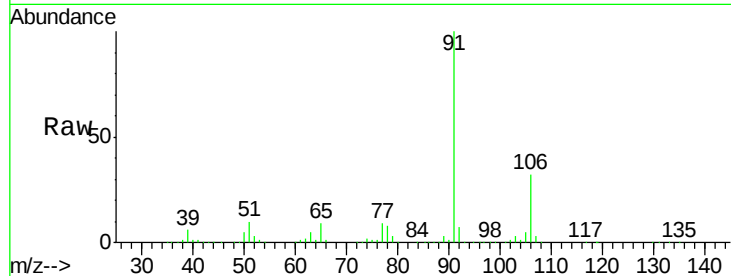
Tgt Ion:131 Resp: 42361
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 64.9 33.1 99.2





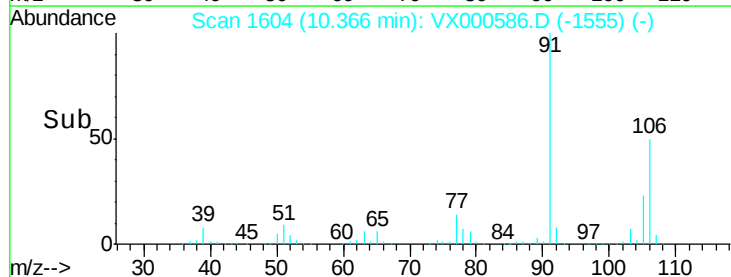
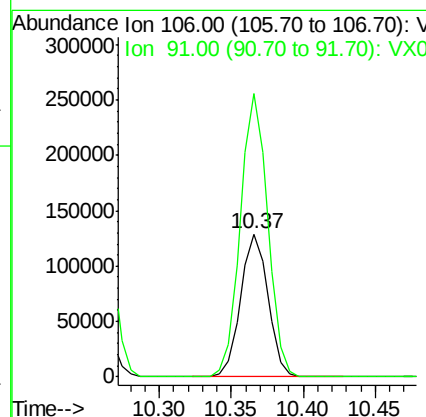
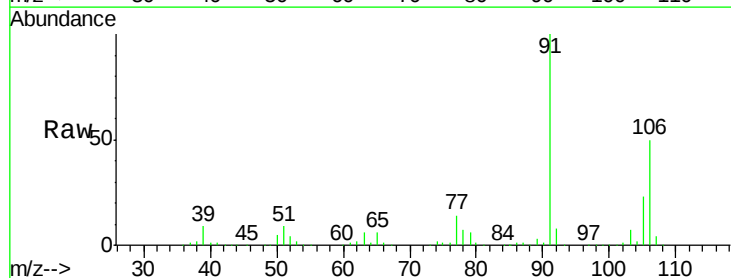
#67
Ethvl Benzene
Concen: 20.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion: 91 Resp: 215239
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 40.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

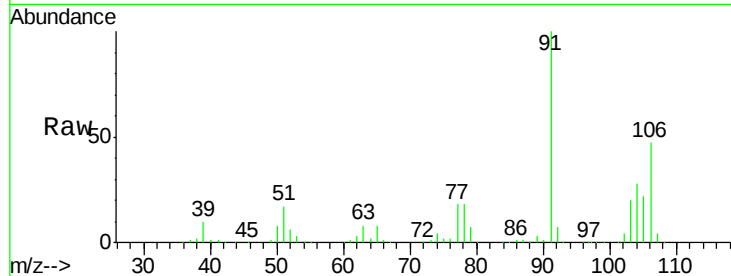
Tgt Ion: 106 Resp: 170966
Ion Ratio Lower Upper
106 100
91 198.4 163.4 245.2



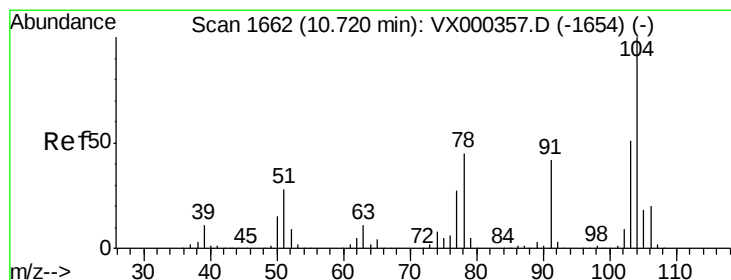
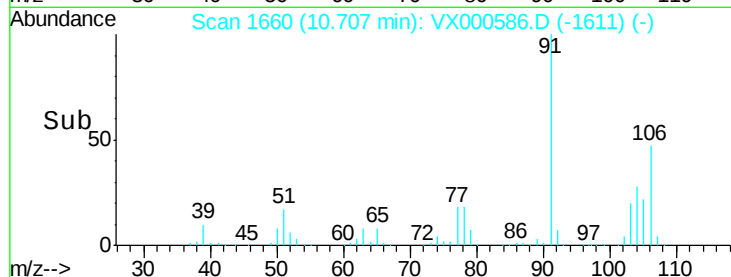
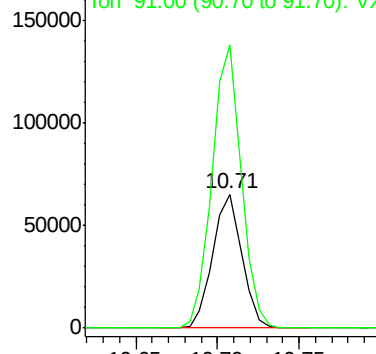


#69
o-Xylene
Concen: 20.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion:106 Resp: 81725
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6

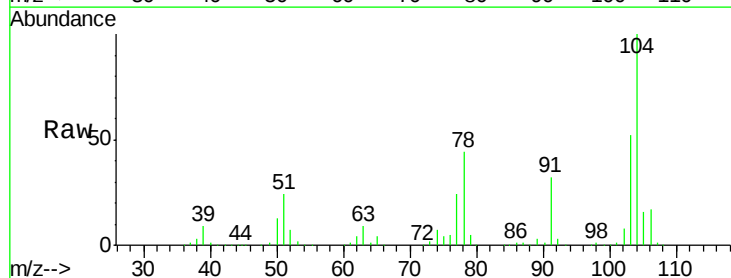


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

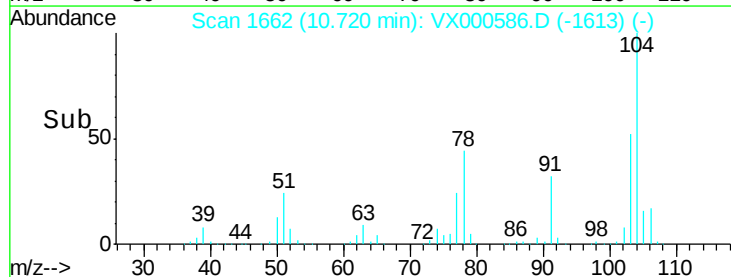
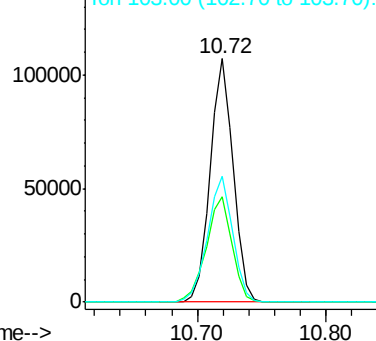


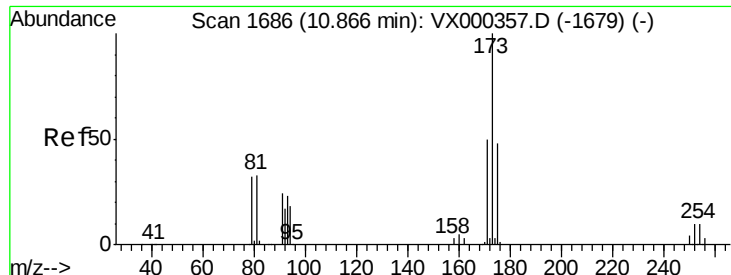
#70
Styrene
Concen: 19.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:104 Resp: 132426
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 56.6 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 13.79 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

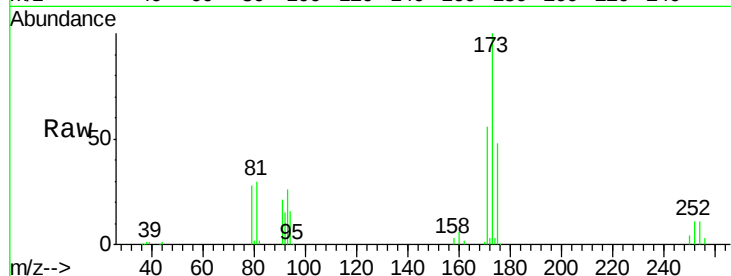
Tot Ion:173 Resp: 22244

Ion Ratio Lower Upper

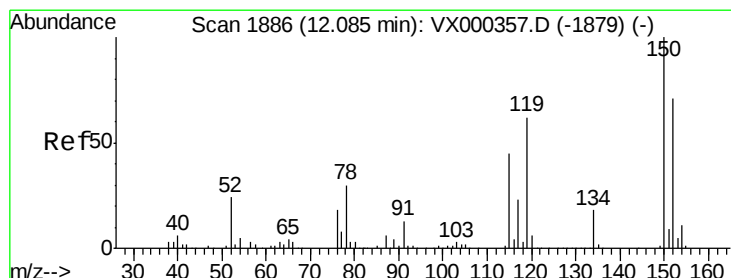
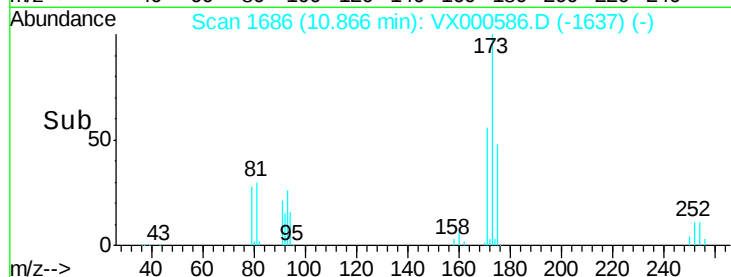
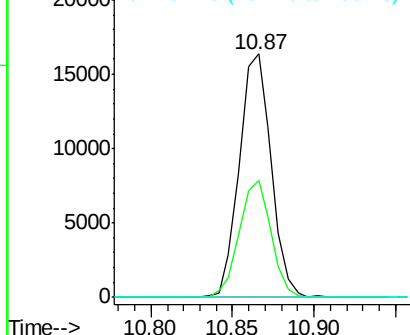
173 100

175 48.0 25.4 76.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

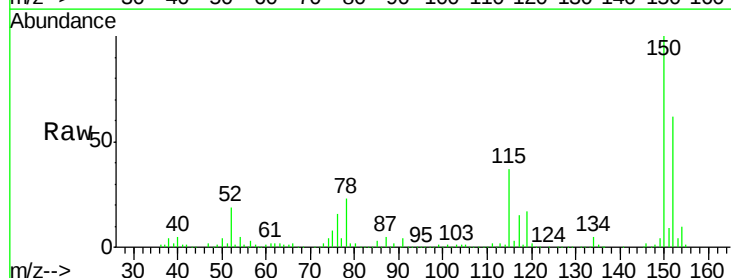
Tgt Ion:152 Resp: 170193

Ion Ratio Lower Upper

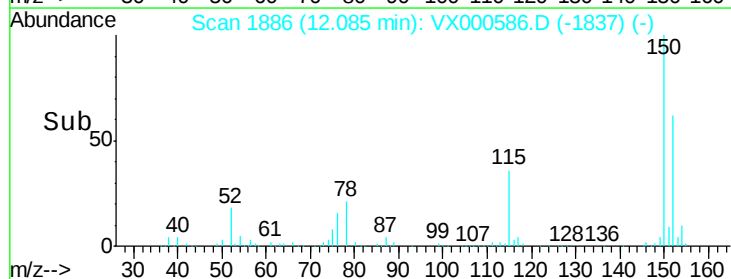
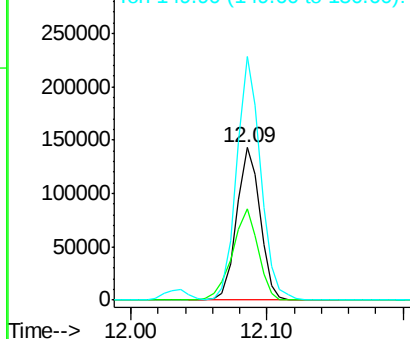
152 100

115 65.6 39.8 119.3

150 163.6 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.81 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000586.D

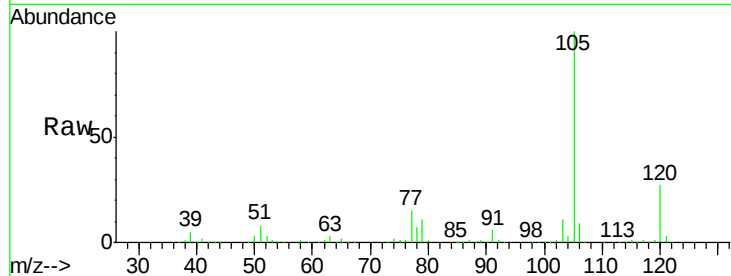
Acq: 31 Mar 2018 12:23

Tot Ion:105 Resp: 223390

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

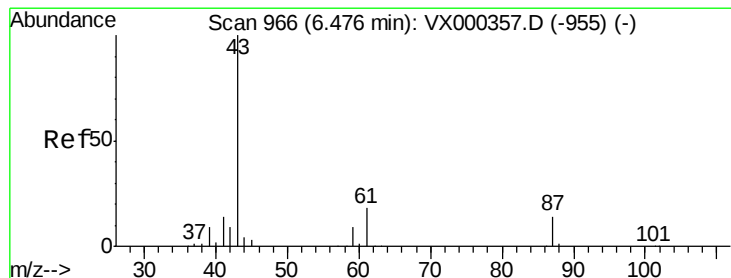
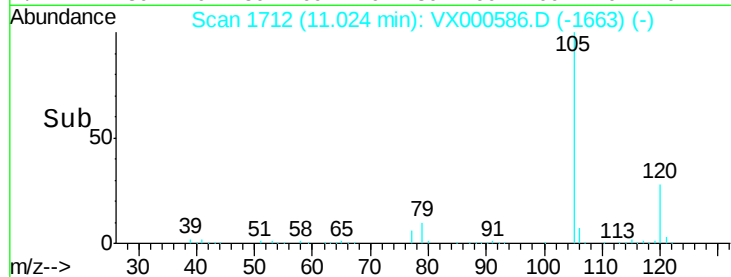
50000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 6.92 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tgt Ion: 43 Resp: 47976

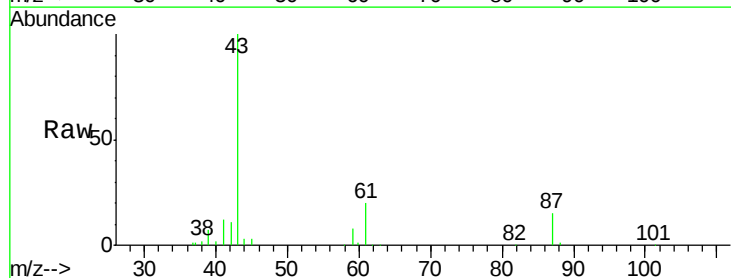
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.6 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

15000

10000

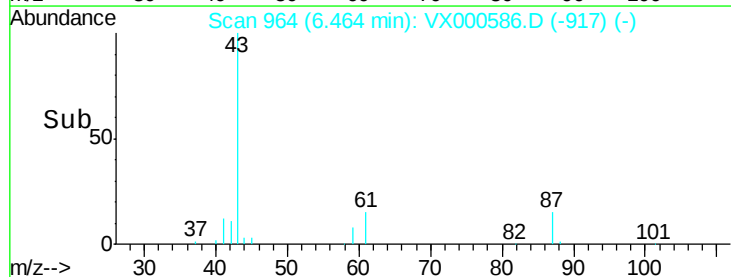
5000

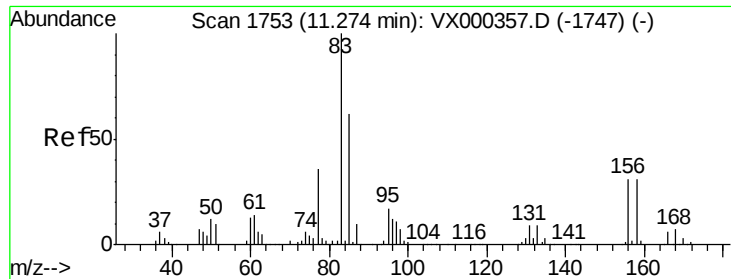
0

6.46

6.40 6.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 10.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

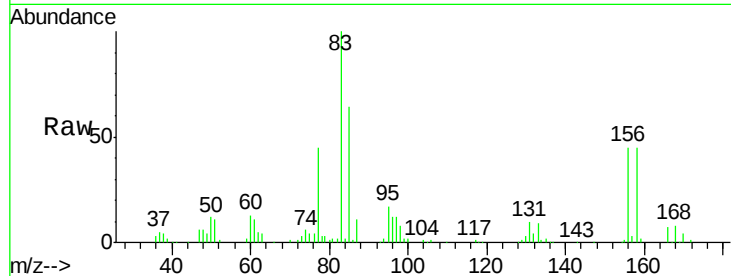
Tot Ion: 83 Resp: 42081

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

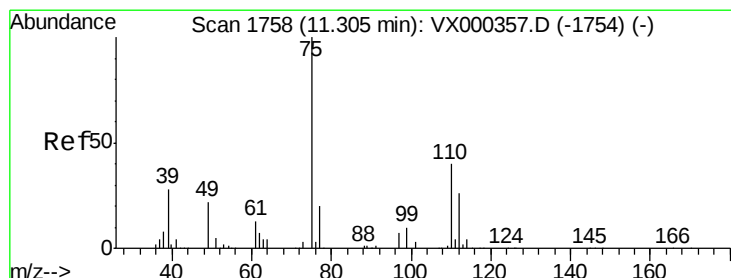
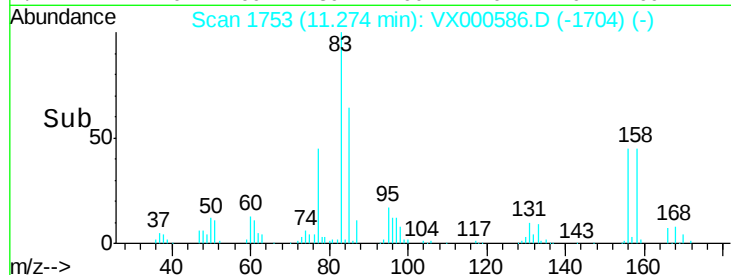
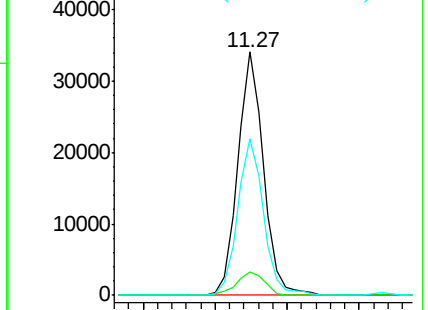
85 65.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 9.14 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000586.D

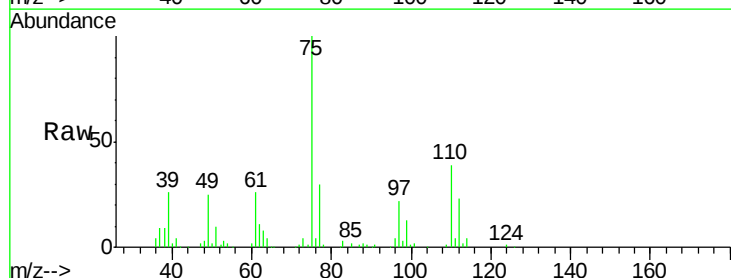
Acq: 31 Mar 2018 12:23

Tgt Ion: 75 Resp: 33449

Ion Ratio Lower Upper

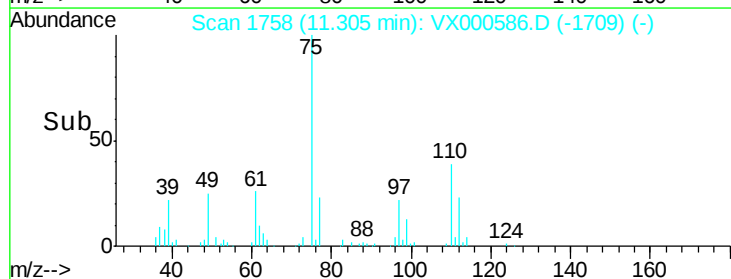
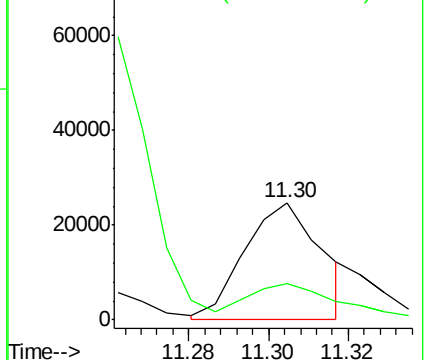
75 100

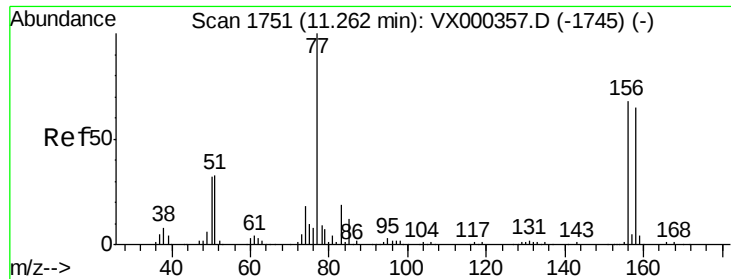
77 37.2 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

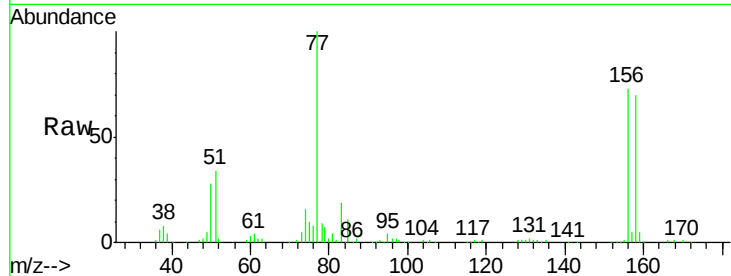
Tot Ion:156 Resp: 56452

Ion Ratio Lower Upper

156 100

77 138.3 73.4 220.2

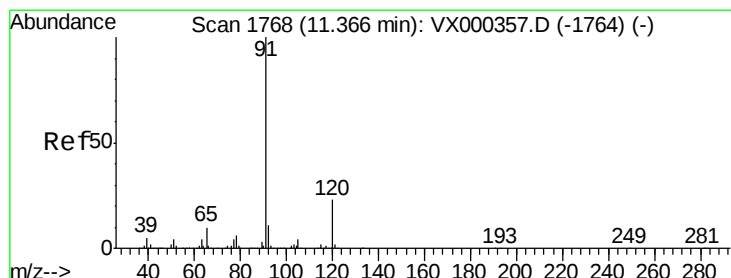
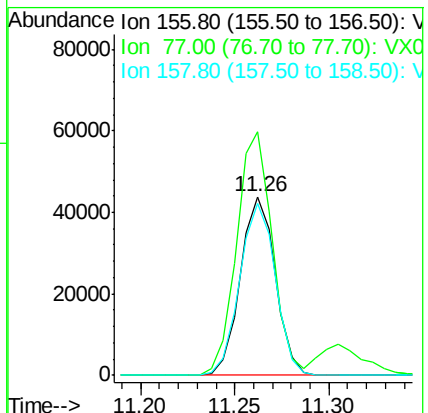
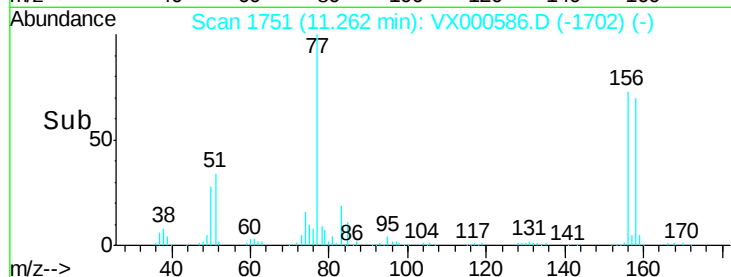
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000586.D

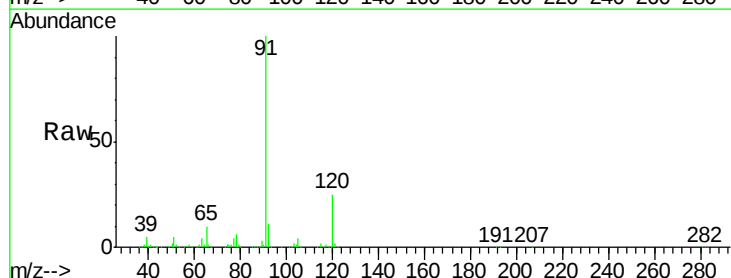
Acq: 31 Mar 2018 12:23

Tgt Ion: 91 Resp: 259996

Ion Ratio Lower Upper

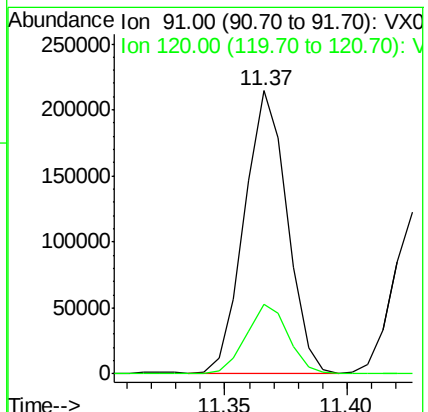
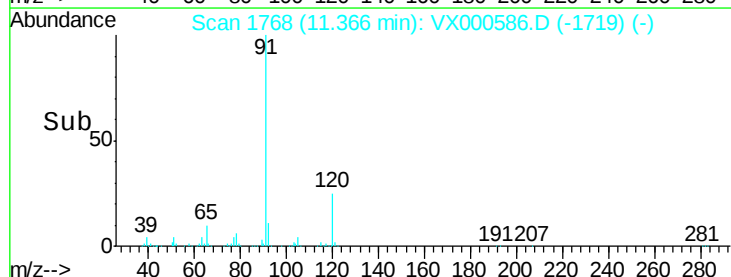
91 100

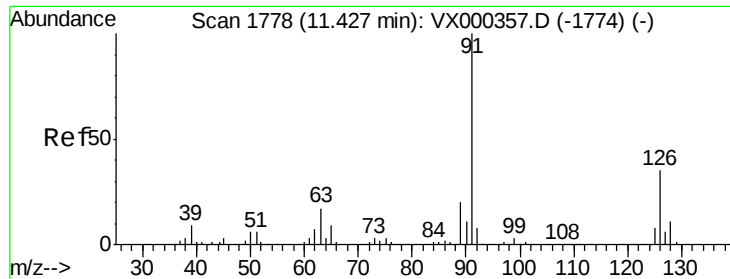
120 24.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.28 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000586.D

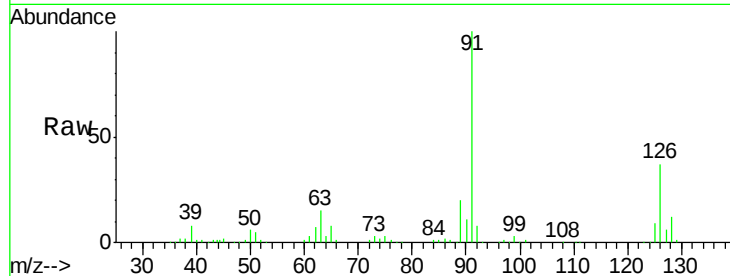
Acq: 31 Mar 2018 12:23

Tot Ion: 91 Resp: 149737

Ion Ratio Lower Upper

91 100

126 36.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

250000

200000

150000

100000

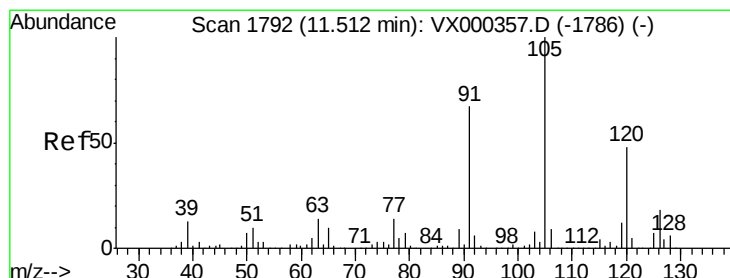
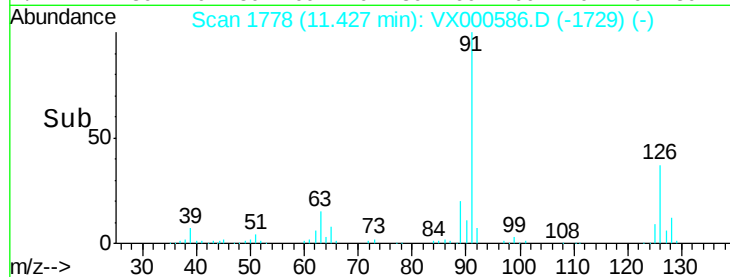
50000

0

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000586.D

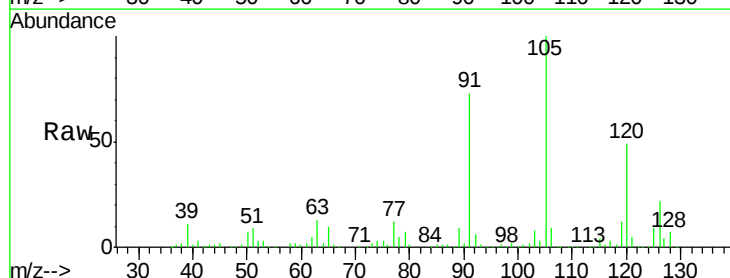
Acq: 31 Mar 2018 12:23

Tgt Ion: 105 Resp: 193250

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

150000

100000

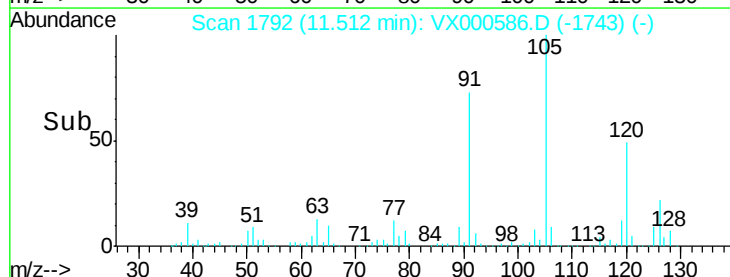
50000

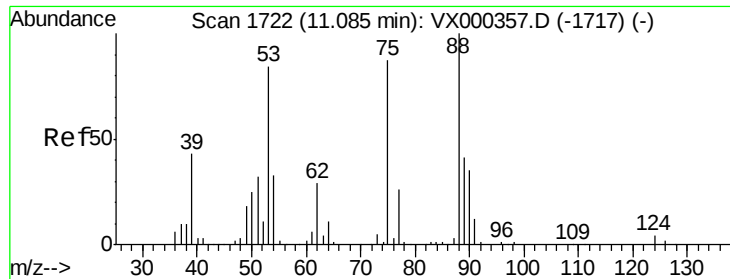
0

11.50

11.60

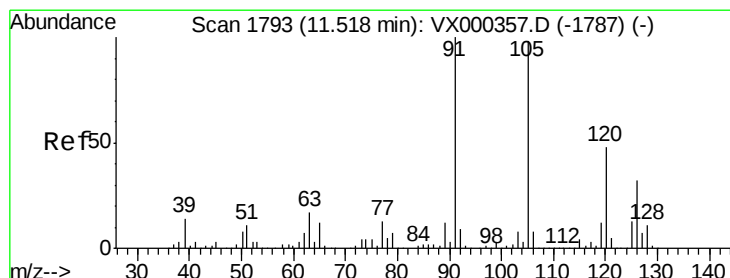
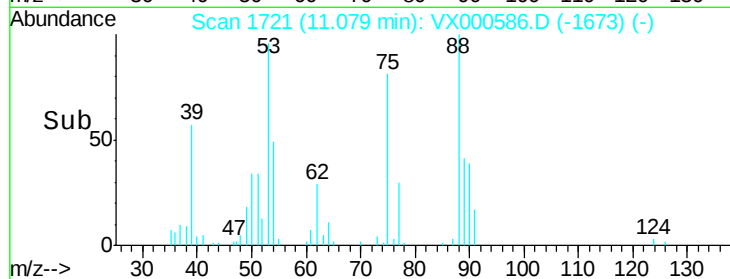
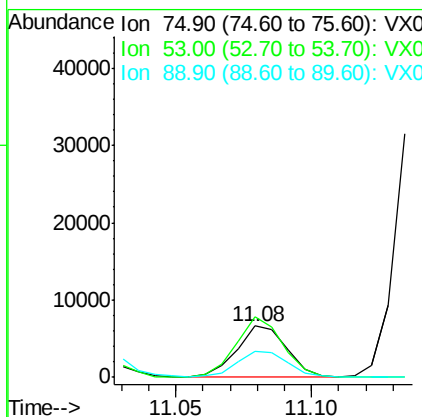
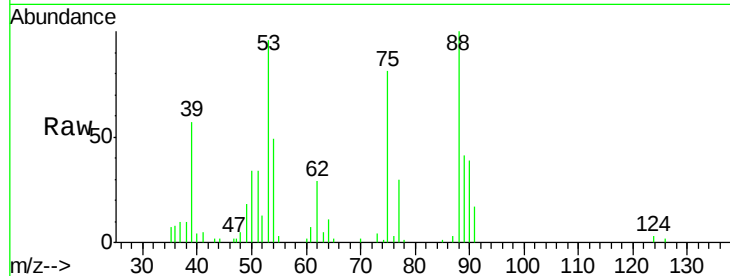
Time-->





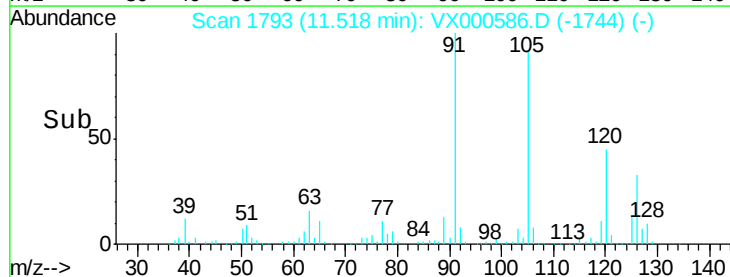
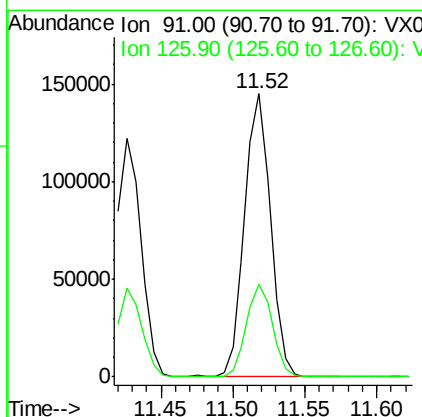
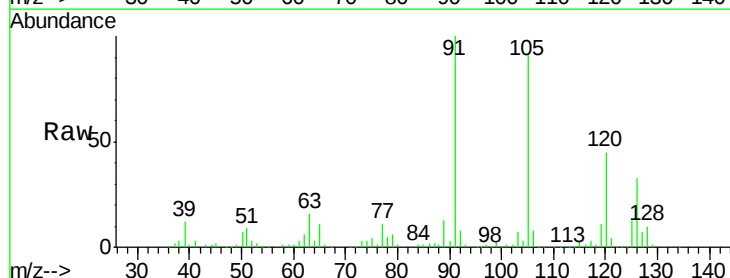
#81
trans-1,4-Dichloro-2-butene
Concen: 7.47 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tot Ion: 75 Resp: 8437
Ion Ratio Lower Upper
75 100
53 110.1 80.7 121.1
89 51.3 39.4 59.0



#82
4-Chlorotoluene
Concen: 19.49 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 91 Resp: 180794
Ion Ratio Lower Upper
91 100
126 32.7 15.4 46.1





#83

tert-Butylbenzene

Concen: 19.72 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

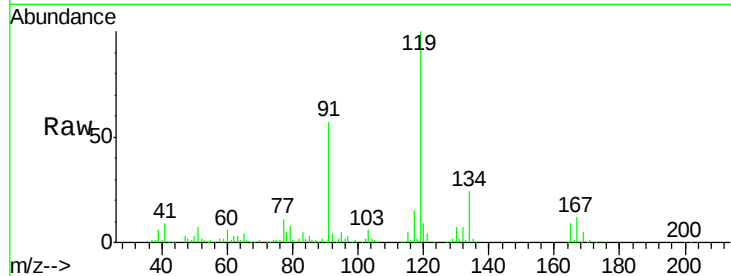
Tot Ion:119 Resp: 188595

Ion Ratio Lower Upper

119 100

91 56.8 28.8 86.4

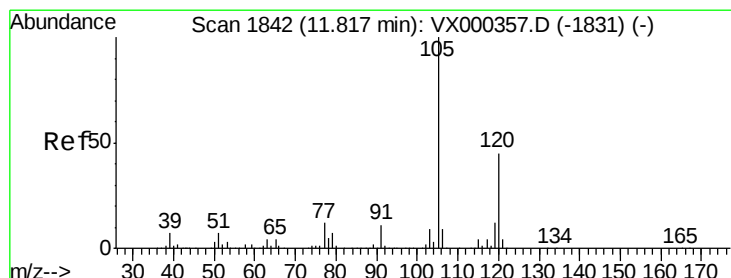
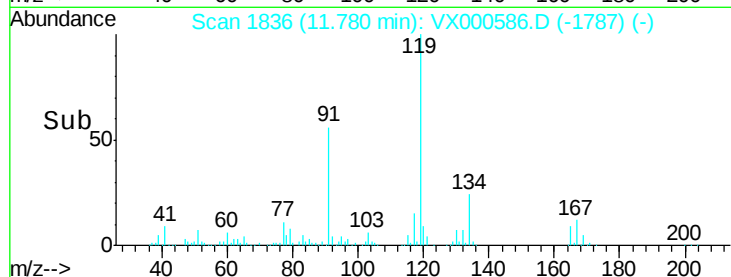
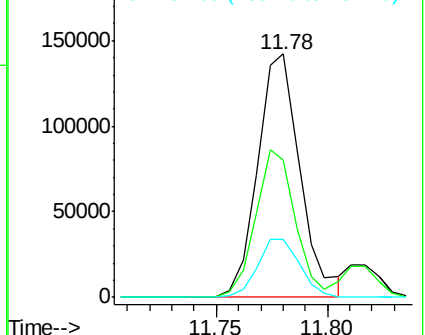
134 23.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.92 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000586.D

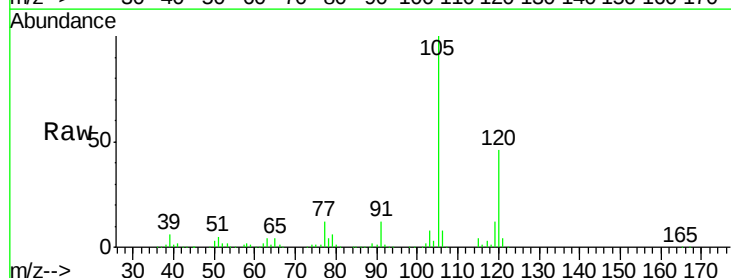
Acq: 31 Mar 2018 12:23

Tgt Ion:105 Resp: 198027

Ion Ratio Lower Upper

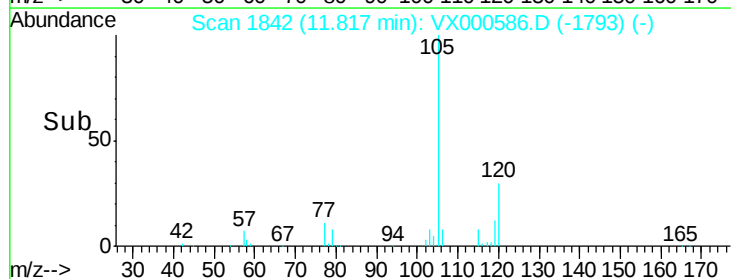
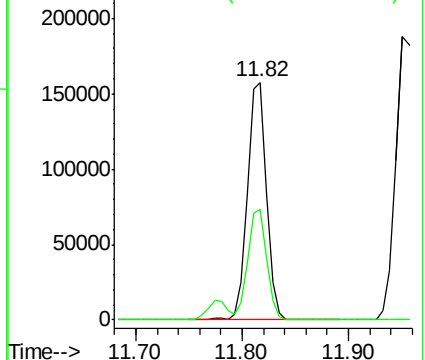
105 100

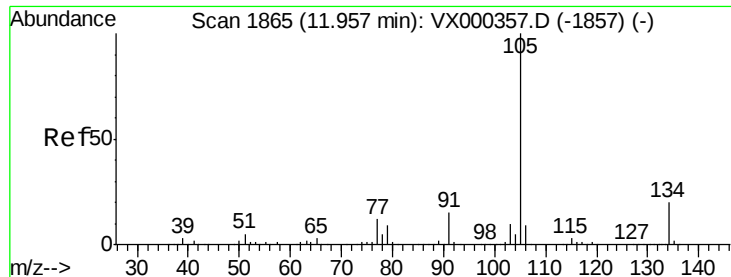
120 46.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.94 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000586.D

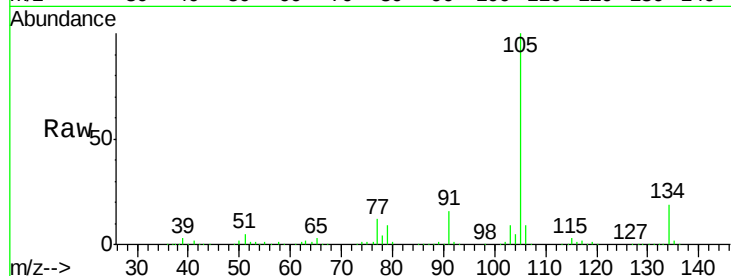
Acq: 31 Mar 2018 12:23

Tot Ion:105 Resp: 235894

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

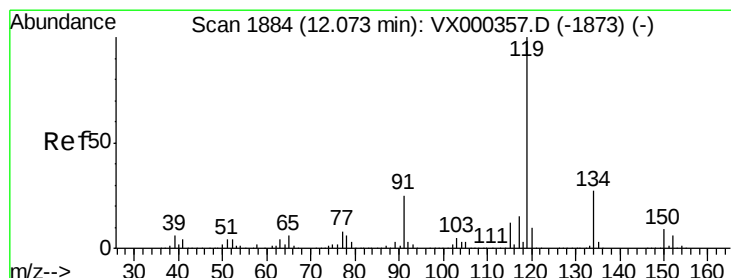
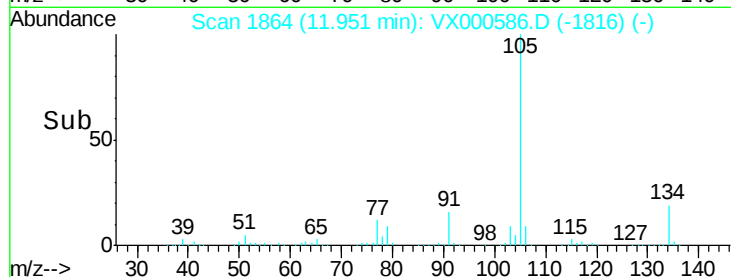
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.09 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

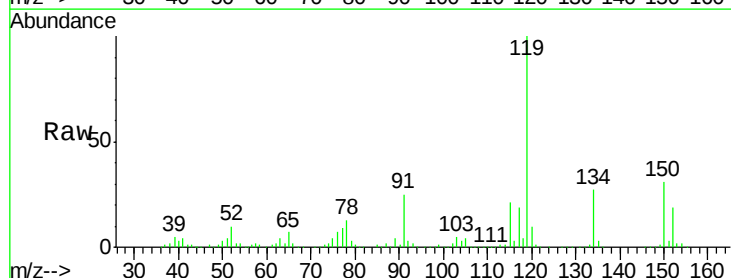
Tgt Ion:119 Resp: 211109

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

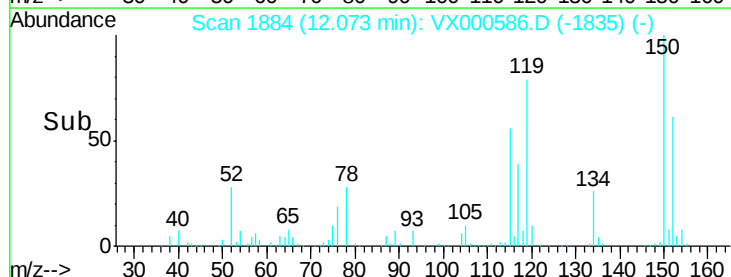
100000

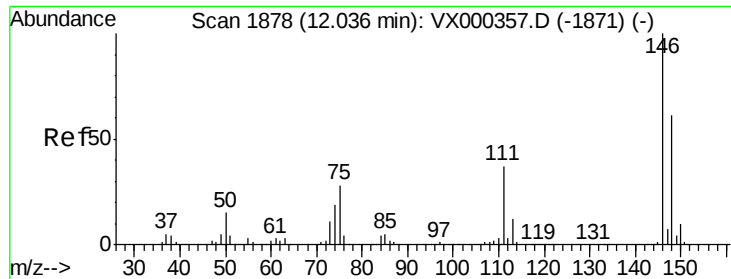
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.02 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

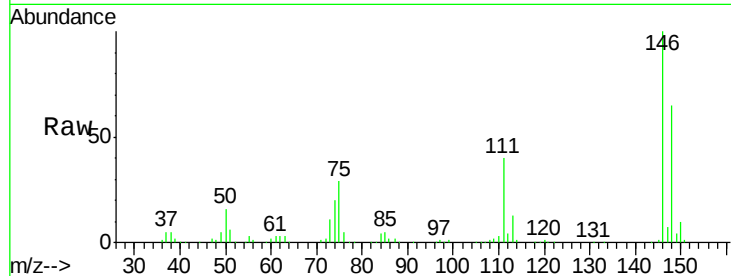
Tot Ion:146 Resp: 113698

Ion Ratio Lower Upper

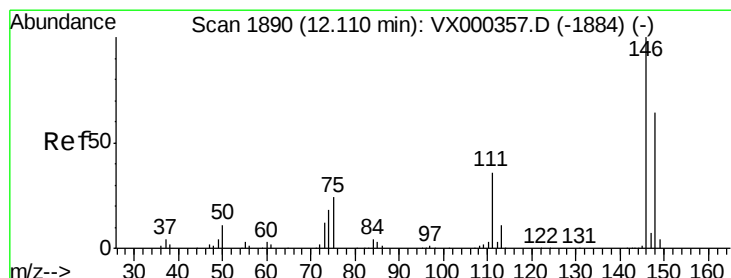
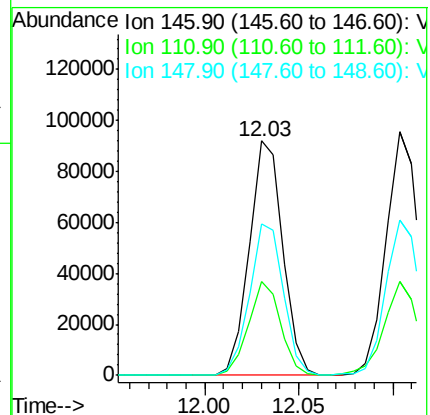
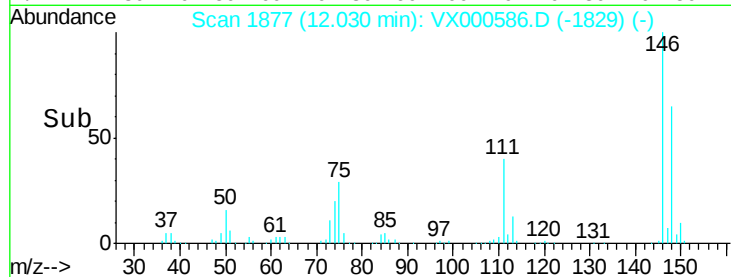
146 100

111 38.5 19.5 58.5

148 64.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.54 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

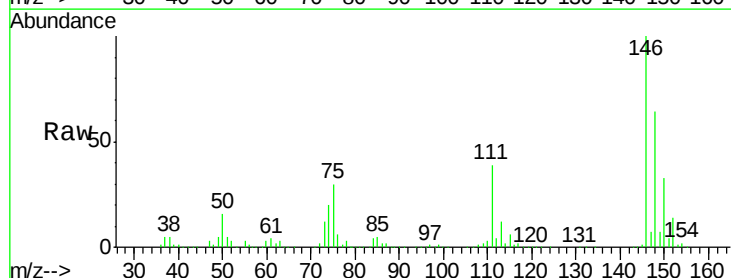
Tgt Ion:146 Resp: 116510

Ion Ratio Lower Upper

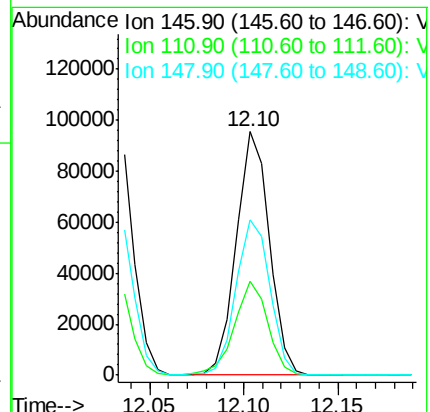
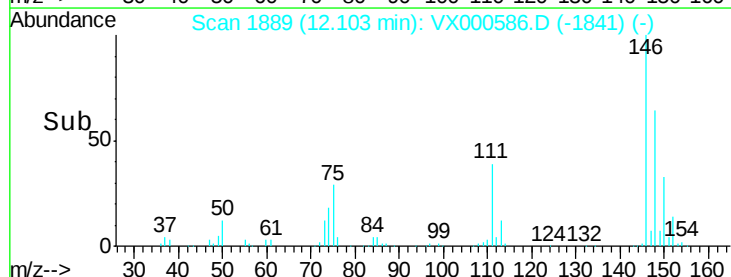
146 100

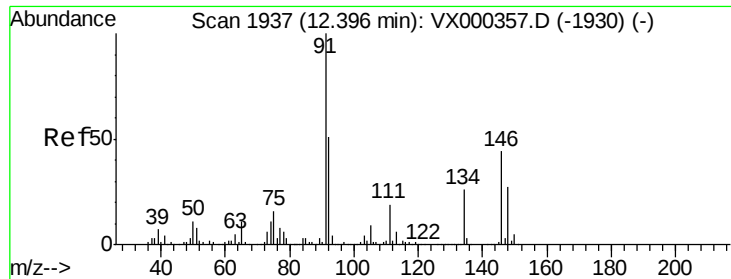
111 39.0 18.9 56.9

148 65.5 31.0 93.0



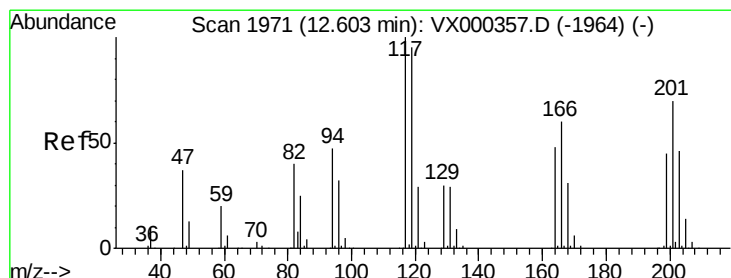
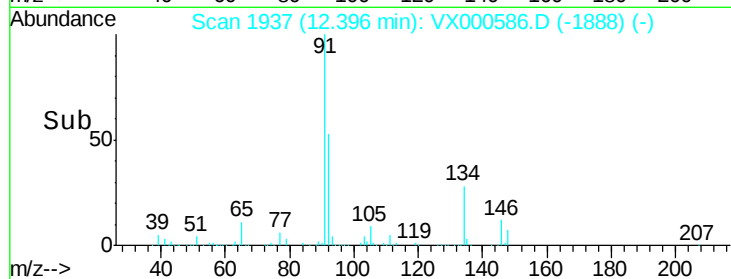
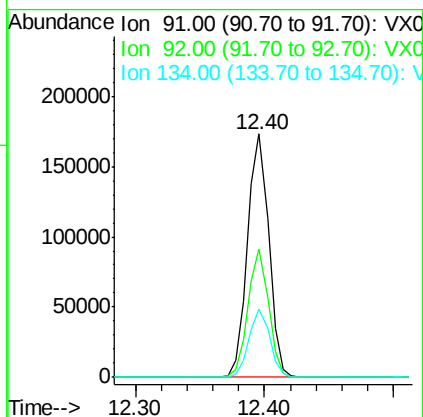
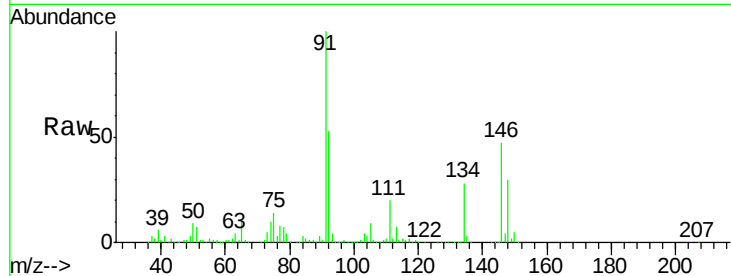
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





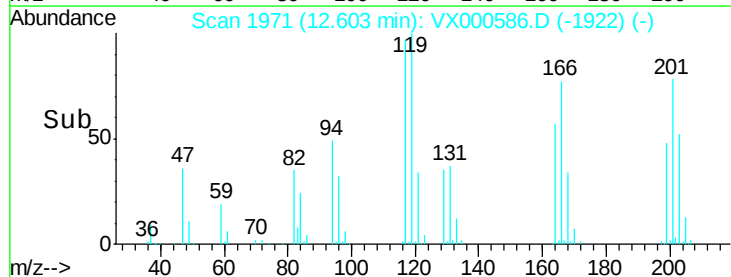
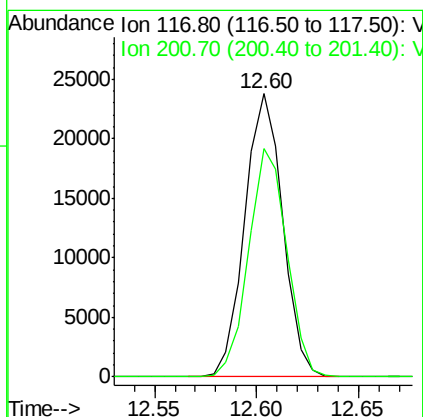
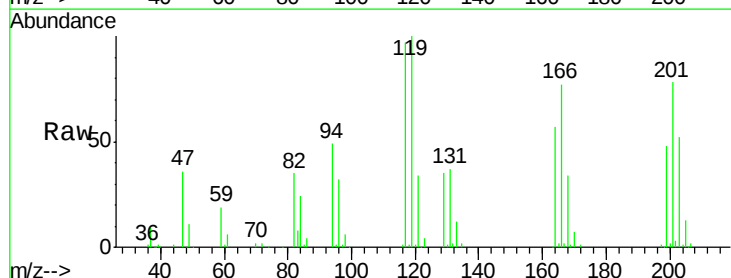
#89
n-Butylbenzene
Concen: 20.04 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

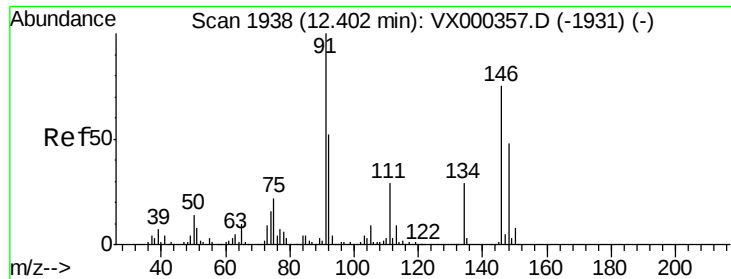
Tot Ion: 91 Resp: 196040
Ion Ratio Lower Upper
91 100
92 50.8 25.9 77.8
134 27.4 13.1 39.3



#90
Hexachloroethane
Concen: 18.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 117 Resp: 30716
Ion Ratio Lower Upper
117 100
201 81.3 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 19.00 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

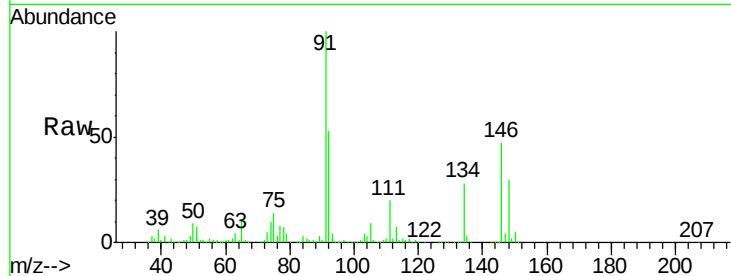
Tot Ion:146 Resp: 105784

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

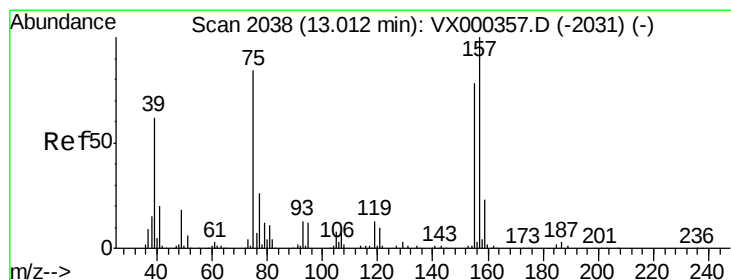
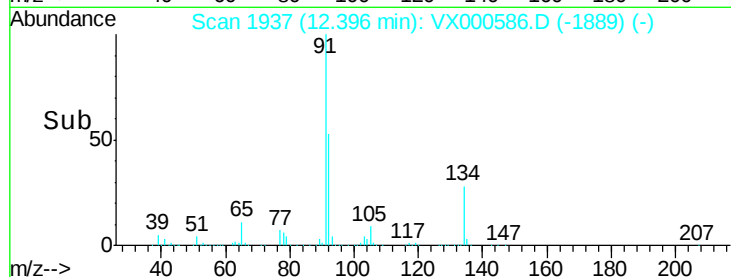
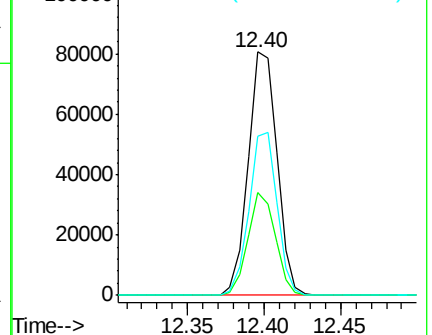
148 64.8 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.75 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

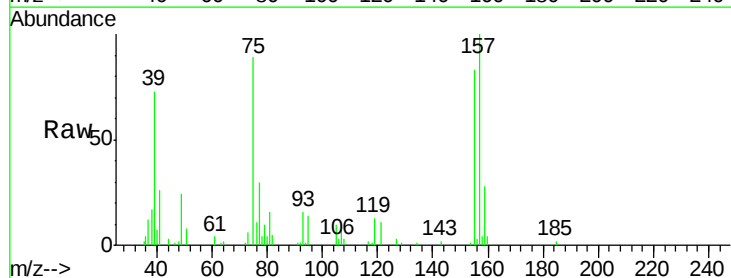
Tgt Ion: 75 Resp: 6393

Ion Ratio Lower Upper

75 100

155 101.1 45.0 134.8

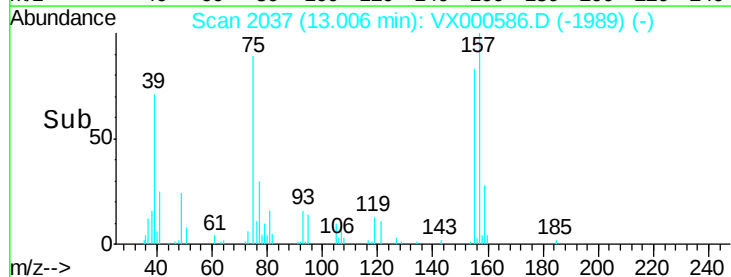
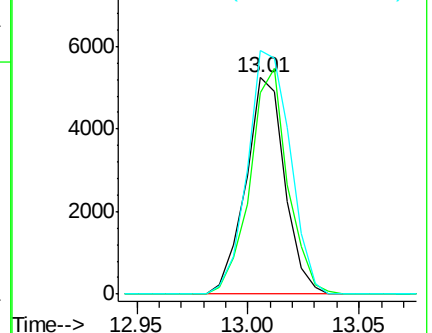
157 123.3 58.1 174.2

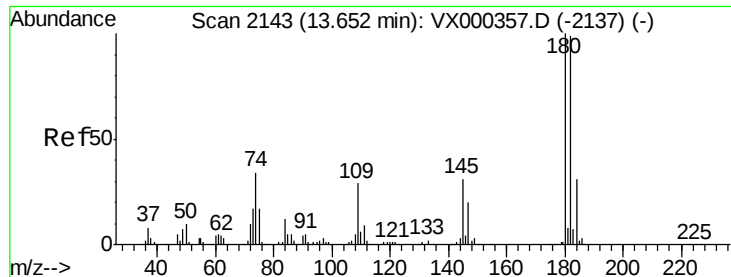


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

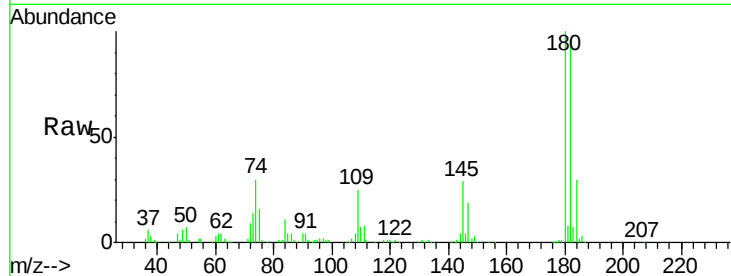
Ion 156.80 (156.50 to 157.50): V



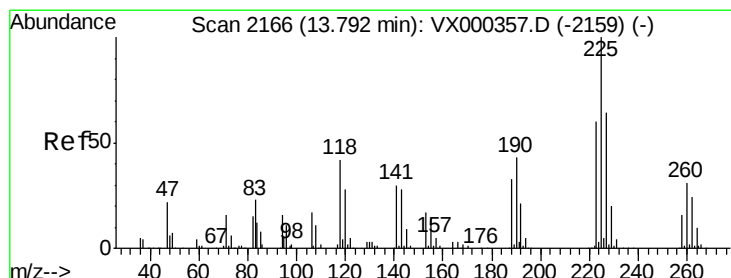
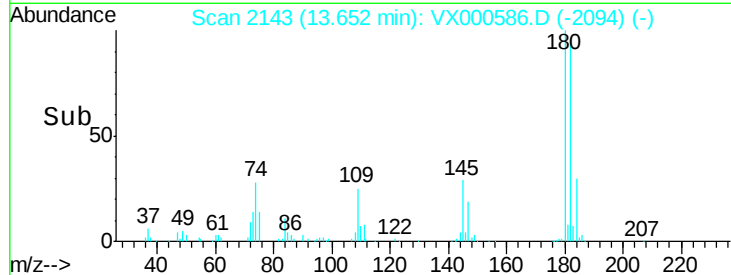
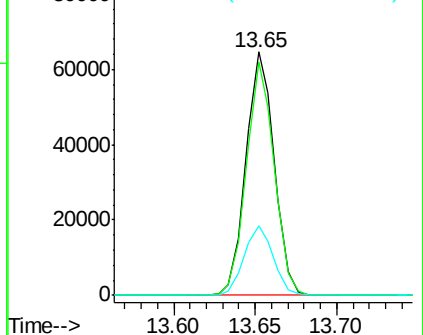


#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tot Ion:180 Resp: 78039
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.9
 145 29.4 15.1 45.3

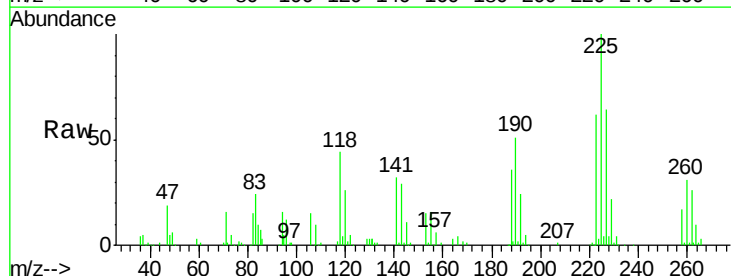


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

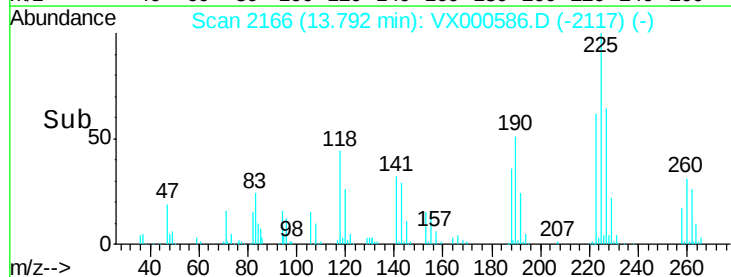
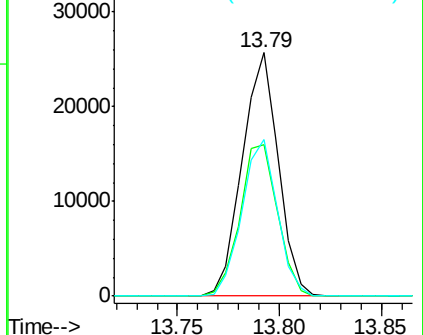


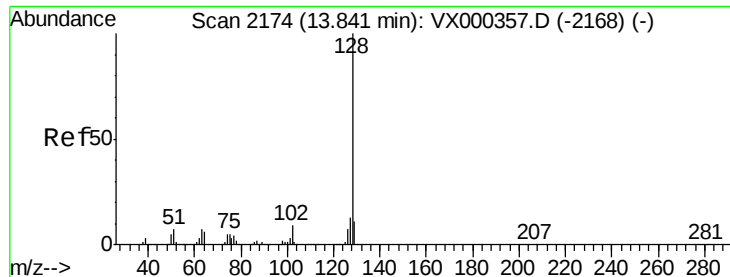
#94
 Hexachlorobutadiene
 Concen: 19.05 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion:225 Resp: 31489
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.0 96.0
 227 63.2 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 10.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

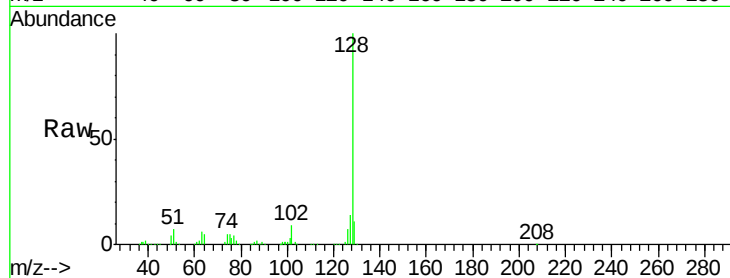
Tot Ion:128 Resp: 143368

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

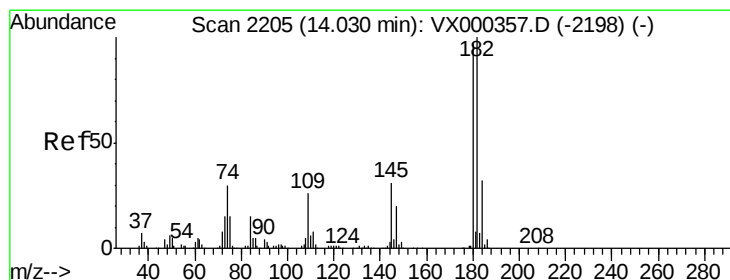
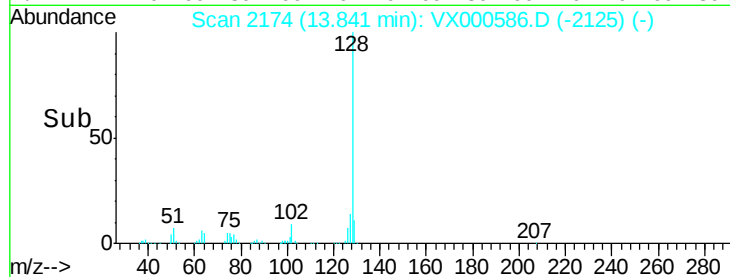
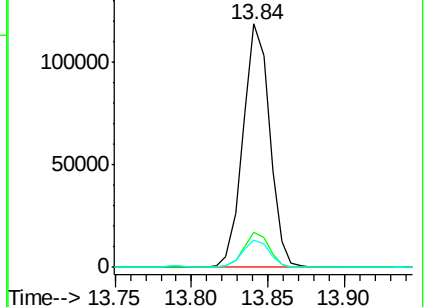
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.98 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

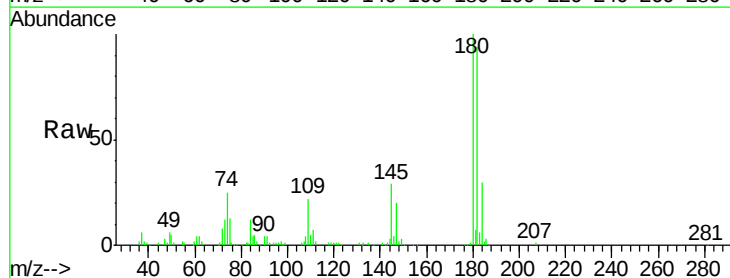
Tgt Ion:180 Resp: 70930

Ion Ratio Lower Upper

180 100

182 91.6 47.4 142.3

145 29.8 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

