

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029368.D
 Acq On : 07 Feb 2019 13:17
 Operator : JC/SP
 Sample : VU0207WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 08 12:38:04 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Feb 08 10:52:46 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58838	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	22644	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24323	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	40460	1.843 ug/l	99
3) Chloromethane	1.33	50	34982	1.743 ug/l	99
4) Vinyl Chloride	1.40	62	42478	1.806 ug/l	100
5) Bromomethane	1.63	94	28660	2.190 ug/l	96
6) Chloroethane	1.70	64	25867	1.882 ug/l	98
7) Trichlorofluoromethane	1.88	101	64263	1.956 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34261	1.975 ug/l	89
9) 1,1-Dichloroethene	2.28	96	32150	1.894 ug/l	74
10) Iodomethane	2.41	142	39419	1.805 ug/l #	79
11) Allyl Chloride	2.59	41	50052	1.758 ug/l	93
12) Acrylonitrile	2.94	53	14715	3.868 ug/l	92
13) Acetone	2.32	43	34392	9.380 ug/l #	83
14) Carbon Disulfide	2.48	76	114389	1.909 ug/l	99
15) Methylene Chloride	2.70	84	41298	2.007 ug/l #	76
16) trans-1,2-Dichloroethene	2.98	96	37451	1.973 ug/l #	80
17) 1,1-Dichloroethane	3.44	63	66786	2.220 ug/l	99
18) 2-Butanone	4.28	43	34341	8.380 ug/l	97
19) Cyclohexane	4.99	56	40397	1.449 ug/l	84
20) Methylcyclohexane	6.41	83	56438	1.927 ug/l #	83
21) 2,2-Dichloropropane	4.22	77	54231	1.948 ug/l #	91
22) cis-1,2-Dichloroethene	4.22	96	35093	1.963 ug/l	77
23) Diethyl Ether	2.10	59	26181	1.921 ug/l	88
24) tert-Butyl Alcohol	2.83	59	27877	19.681 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	91780	1.920 ug/l #	84
26) Bromochloromethane	4.54	128	16177	2.048 ug/l	69
27) Chloroform	4.67	83	56733	1.940 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	52026	1.919 ug/l	96
29) 1,1-Dichloropropene	5.13	75	42648	1.812 ug/l	88
30) Carbon Tetrachloride	5.13	117	48026	1.957 ug/l	99
31) Isopropyl Ether	3.58	45	83152	1.832 ug/l	90
32) Ethyl-t-butyl ether	4.07	59	82104	1.805 ug/l	88
33) Tert-Amyl methyl ether	5.58	73	78427	1.907 ug/l	98
34) Propionitrile	4.33	54	10305	9.567 ug/l #	91
35) Benzene	5.38	78	123361	1.895 ug/l	99
36) 1,2-Dichloroethane	5.40	62	34313	1.743 ug/l #	84
37) Trichloroethene	6.18	130	37769	2.022 ug/l	83
38) 1,2-Dichloropropane	6.43	63	31135	1.839 ug/l	100
39) Methacrylonitrile	4.55	41	9479	1.718 ug/l #	85
40) Methyl acrylate	4.43	55	15045	1.807 ug/l #	92
41) Tetrahydrofuran	4.65	42	9410	3.387 ug/l #	76
42) 1-Chlorobutane	5.06	56	56691	1.798 ug/l	88

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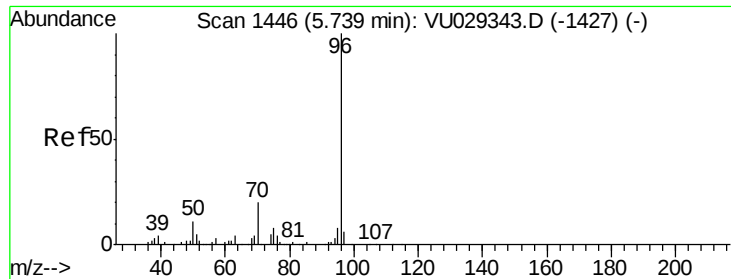
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Feb 08 10:52:46 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16888	1.872	ug/l	92
44) Bromodichloromethane	6.76	83	43336	1.885	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	90381	8.545	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.49	75	16855	3.271	ug/l #	86
47) Methyl methacrylate	6.63	69	29937	3.771	ug/l #	74
48) Ethyl methacrylate	8.02	69	30785	1.808	ug/l	80
49) Toluene	7.63	92	79241	1.903	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	41399	1.837	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	49214	1.838	ug/l #	86
52) 1,1,2-Trichloroethane	8.07	97	22263	1.864	ug/l	98
53) 1,3-Dichloropropane	8.24	76	40483	1.929	ug/l	100
54) 2-Hexanone	8.37	43	63288	8.536	ug/l	86
55) Dibromochloromethane	8.48	129	32543	1.917	ug/l	99
56) 1,2-Dibromoethane	8.59	107	23580	1.924	ug/l	98
58) Tetrachloroethene	8.22	164	35475	2.041	ug/l	96
59) Chlorobenzene	9.12	112	92890	1.980	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	34869	2.011	ug/l	98
61) Pentachloroethane	11.10	117	25952	1.931	ug/l	88
62) Hexachloroethane	12.14	117	27655	1.886	ug/l	96
63) Ethyl Benzene	9.25	91	155972	1.914	ug/l	94
64) m/p-Xylenes	9.37	106	124453	3.930	ug/l	85
65) o-Xylene	9.78	106	59055	1.900	ug/l	90
66) Styrene	9.79	104	99830	1.927	ug/l	93
67) Bromoform	9.96	173	20305	1.922	ug/l	100
69) Isopropylbenzene	10.16	105	161142	1.941	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.46	83	29366	1.918	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	16855	1.603	ug/l #	73
72) Bromobenzene	10.45	156	40078	1.991	ug/l	85
73) n-propylbenzene	10.58	120	45061	1.948	ug/l	80
74) 2-Chlorotoluene	10.66	126	39229	1.992	ug/l	79
75) 1,3,5-Trimethylbenzene	10.77	105	136261	1.903	ug/l	95
76) 4-Chlorotoluene	10.77	126	38665	1.892	ug/l	79
77) tert-Butylbenzene	11.10	119	137985	1.950	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	136827	1.888	ug/l	93
79) sec-Butylbenzene	11.32	105	175817	1.899	ug/l	95
80) Nitrobenzene	12.87	77	3340	4.896	ug/l	84
81) p-Isopropyltoluene	11.47	119	150613	1.919	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	76851	1.946	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	79456	2.020	ug/l	96
84) n-Butylbenzene	11.89	91	132088	1.834	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	72274	1.936	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4790	1.676	ug/l #	64
87) 1,2,4-Trichlorobenzene	13.50	180	51929	1.980	ug/l	98
88) Hexachlorobutadiene	13.69	225	31489	2.073	ug/l	100
89) Naphthalene	13.74	128	80811	1.817	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	47376	1.977	ug/l	96

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion: 96 Resp: 58838

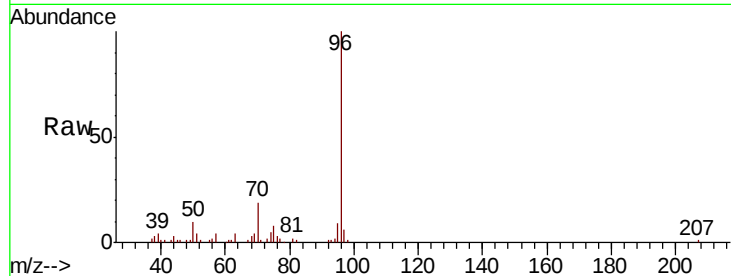
Ion Ratio Lower Upper

96 100

70 19.9 16.2 24.2

95 9.8 7.4 11.2

97 7.4 0.0 0.0#

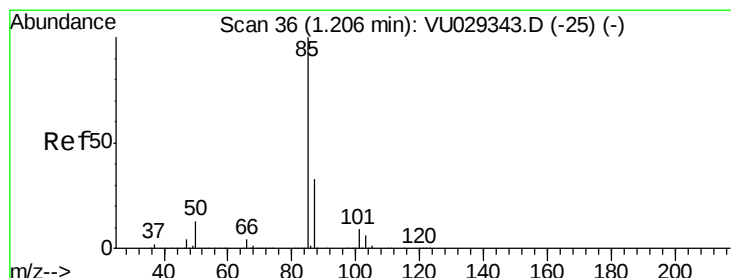
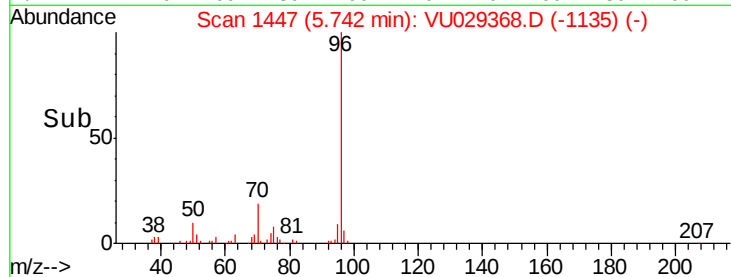
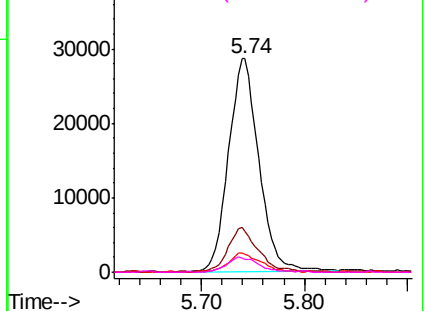


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.843 ug/l

RT: 1.21 min Scan# 36

Delta R.T. -0.00 min

Lab File: VU029368.D

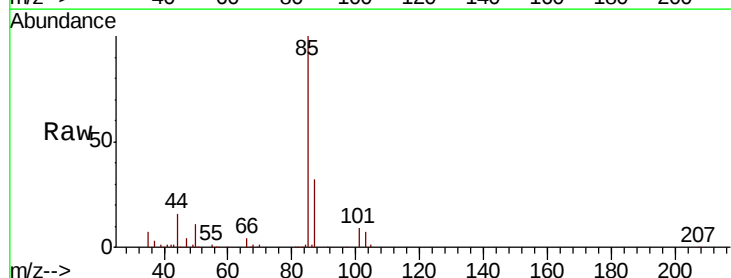
Acq: 07 Feb 2019 13:17

Tgt Ion: 85 Resp: 40460

Ion Ratio Lower Upper

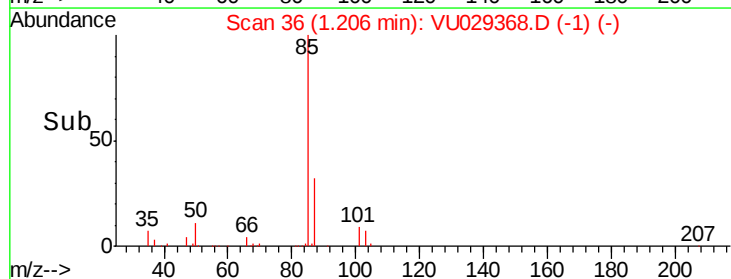
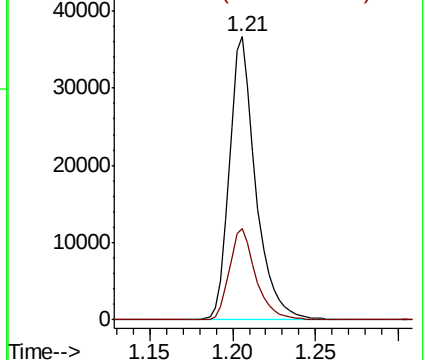
85 100

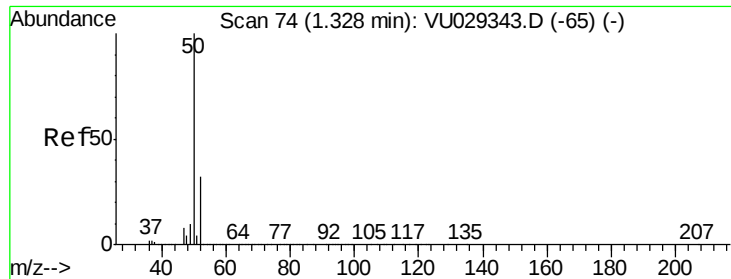
87 32.1 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.743 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029368.D

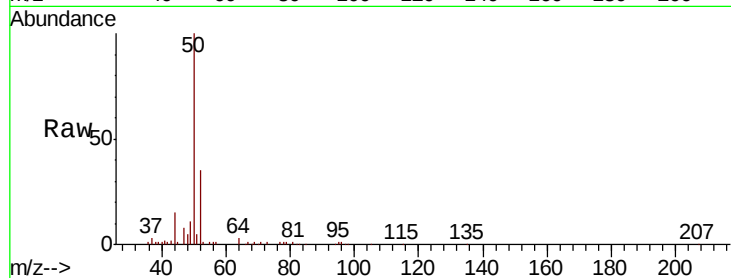
Acq: 07 Feb 2019 13:17

Tgt Ion: 50 Resp: 34982

Ion Ratio Lower Upper

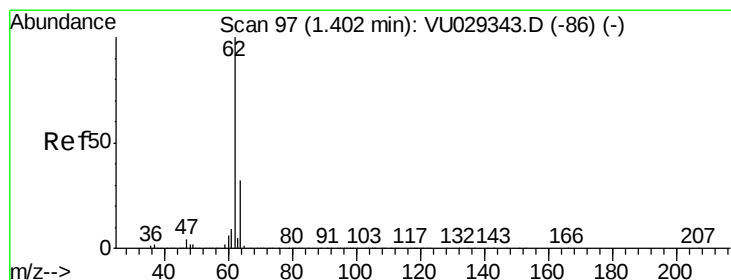
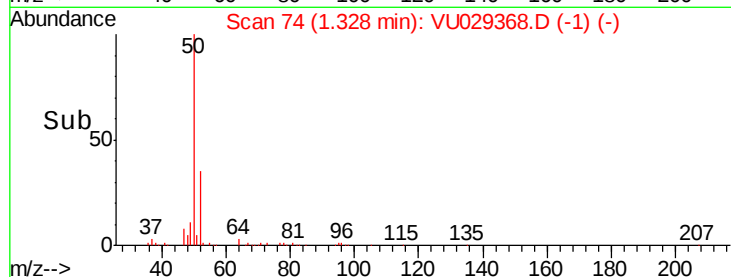
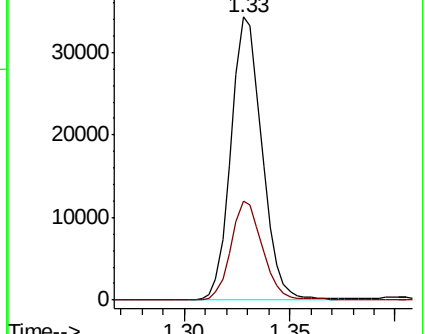
50 100

52 34.9 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.806 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029368.D

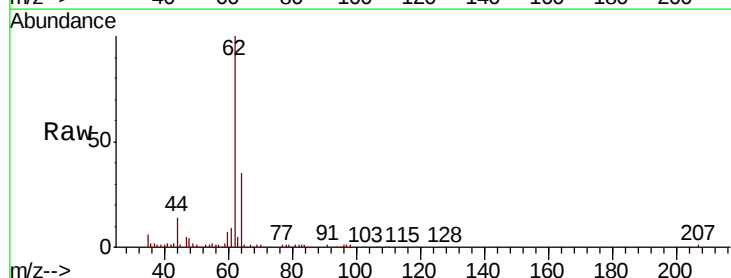
Acq: 07 Feb 2019 13:17

Tgt Ion: 62 Resp: 42478

Ion Ratio Lower Upper

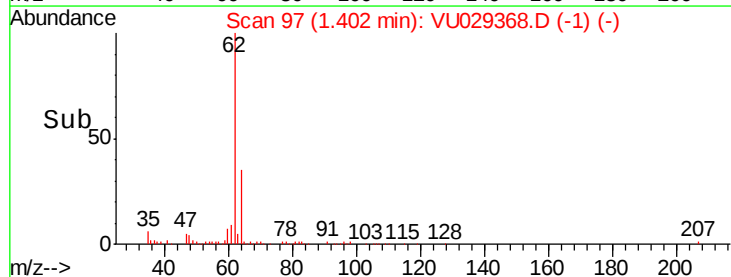
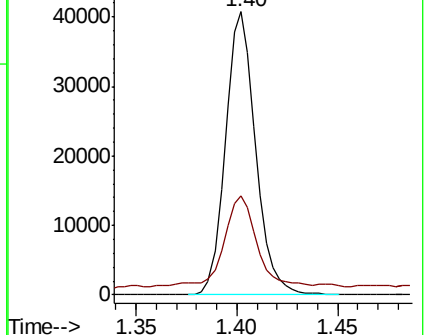
62 100

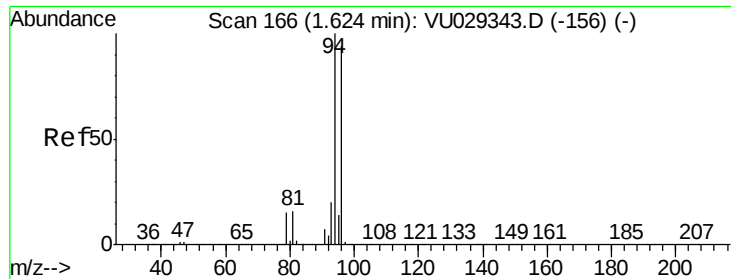
64 31.7 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.190 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029368.D

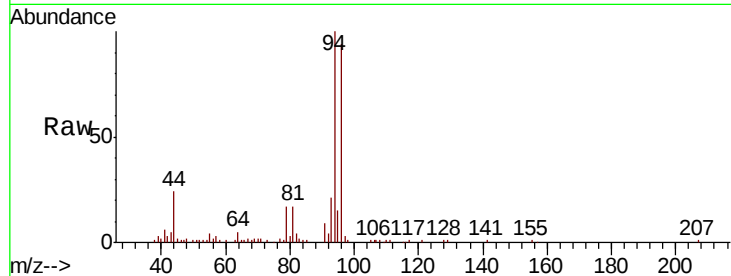
Acq: 07 Feb 2019 13:17

Tgt Ion: 94 Resp: 28660

Ion Ratio Lower Upper

94 100

96 93.6 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

25000

20000

15000

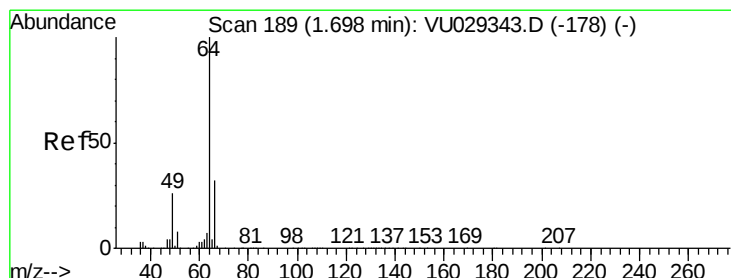
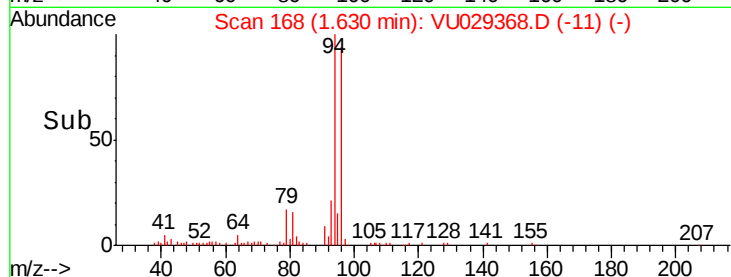
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 1.882 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU029368.D

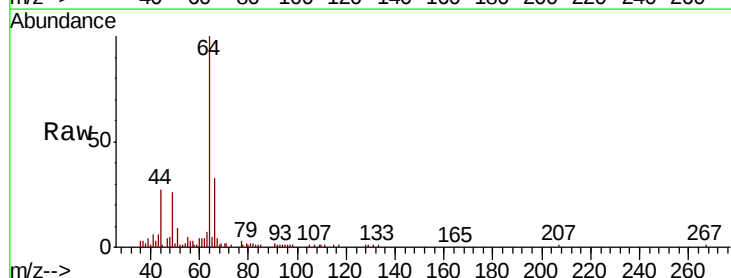
Acq: 07 Feb 2019 13:17

Tgt Ion: 64 Resp: 25867

Ion Ratio Lower Upper

64 100

66 34.2 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

20000

15000

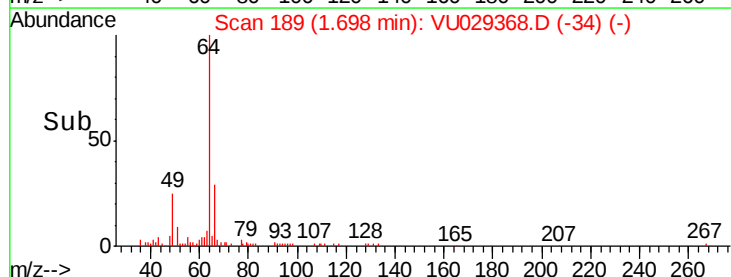
10000

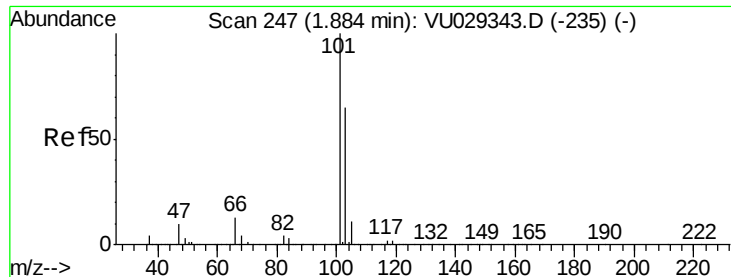
5000

0

Time-->

1.65 1.70 1.75

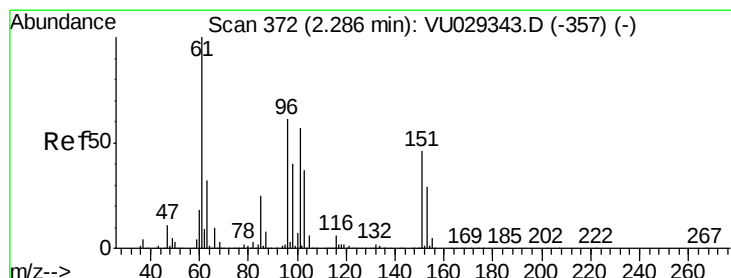
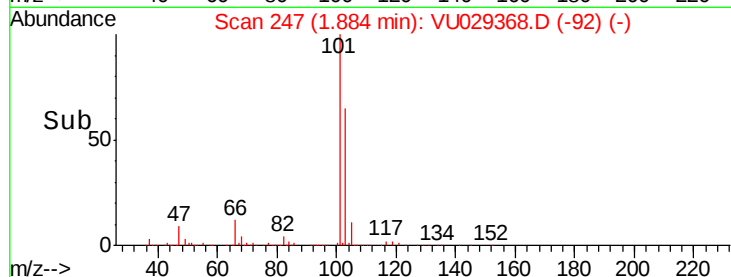
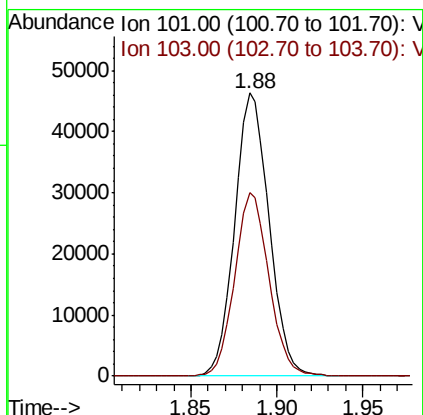
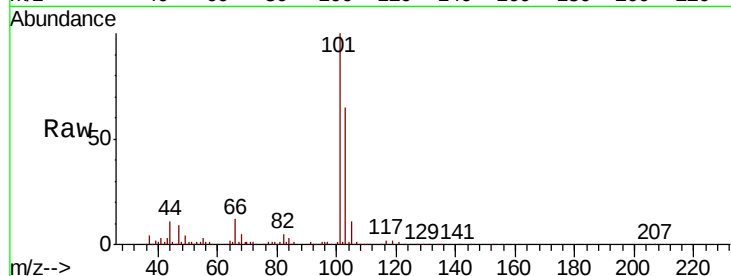




#7

Trichlorofluoromethane
Concen: 1.956 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

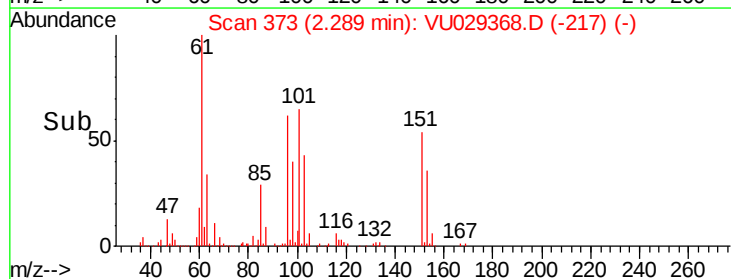
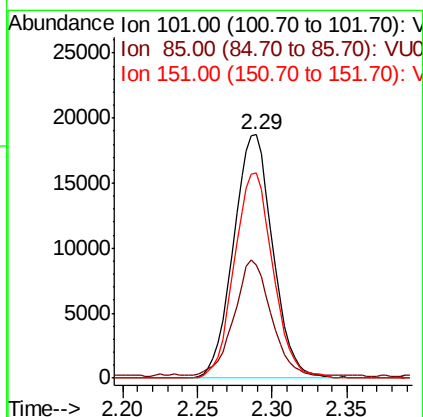
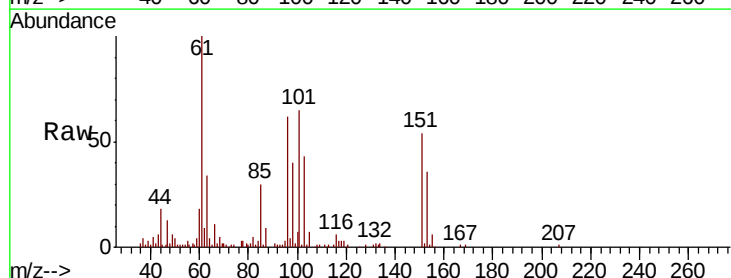
Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.9	80.9

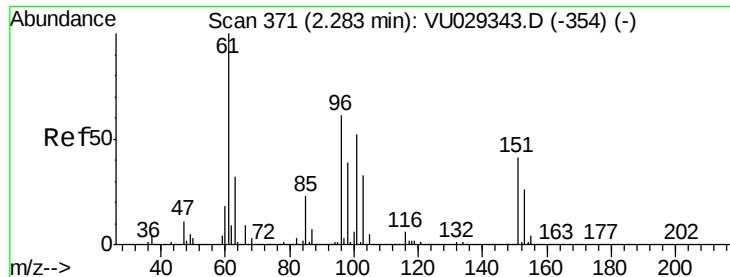


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.975 ug/l
RT: 2.29 min Scan# 373
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.9	40.3	60.5
151	82.9	58.1	87.1





#9

1,1-Dichloroethene

Concen: 1.894 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

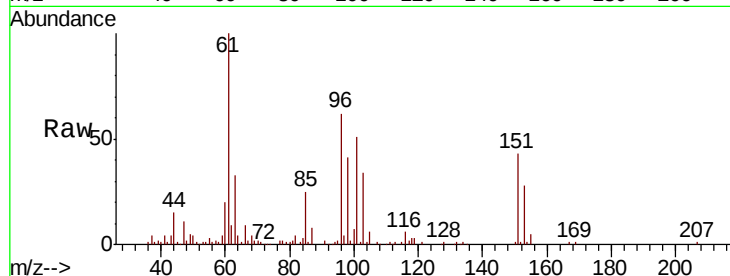
Tgt Ion: 96 Resp: 32150

Ion Ratio Lower Upper

96 100

61 162.2 0.0 641.4

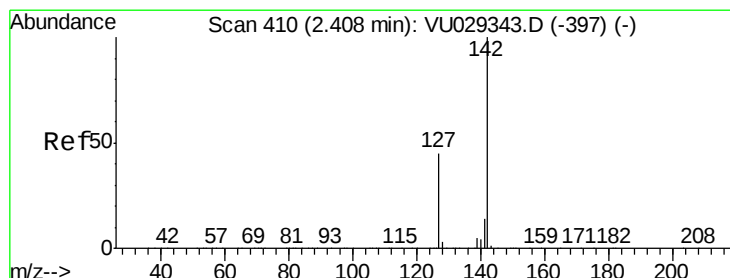
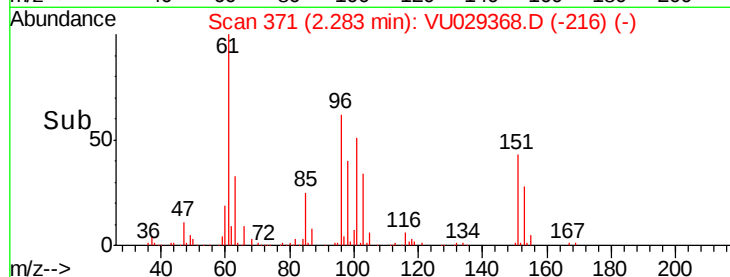
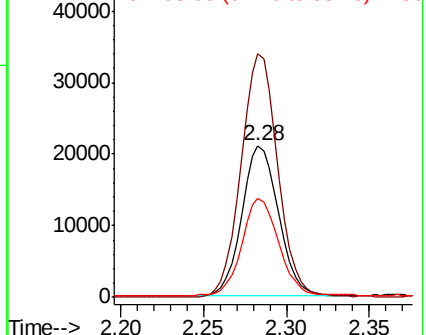
98 64.5 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.805 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029368.D

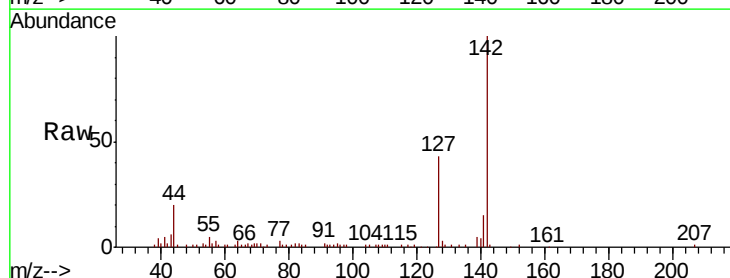
Acq: 07 Feb 2019 13:17

Tgt Ion: 142 Resp: 39419

Ion Ratio Lower Upper

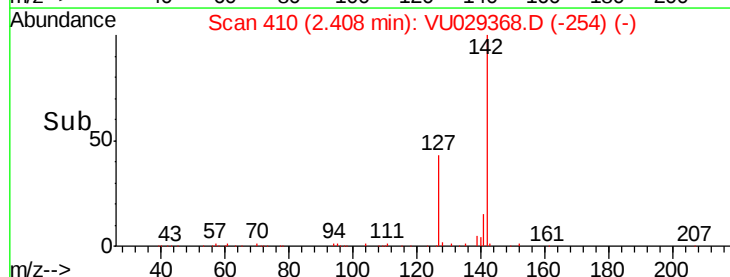
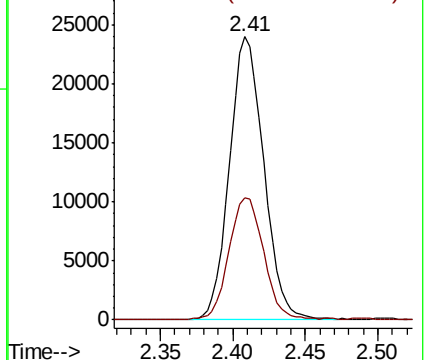
142 100

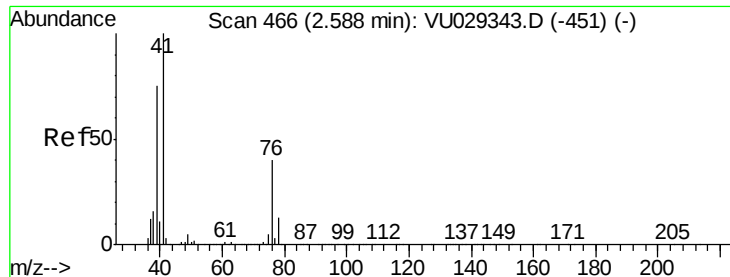
127 43.5 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 1.758 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029368.D

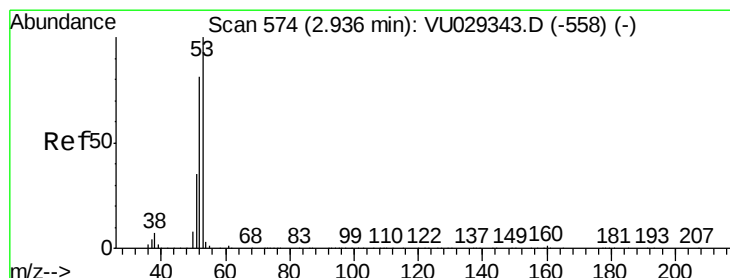
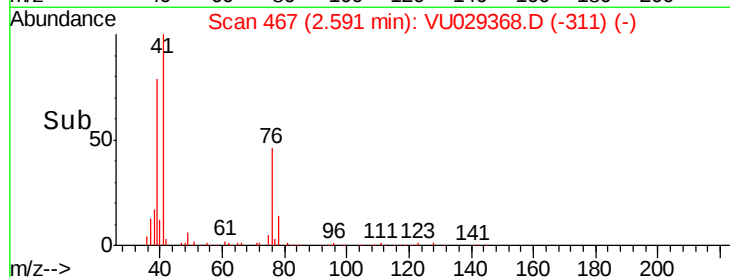
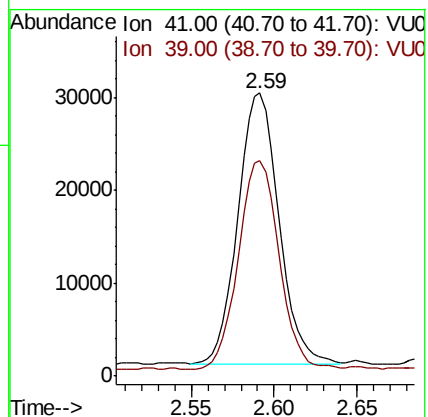
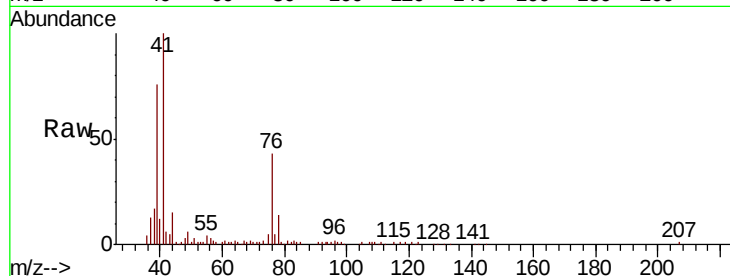
Acq: 07 Feb 2019 13:17

Tgt Ion: 41 Resp: 50052

Ion Ratio Lower Upper

41 100

39 77.4 67.2 100.8



#12

Acrylonitrile

Concen: 3.868 ug/l

RT: 2.94 min Scan# 574

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

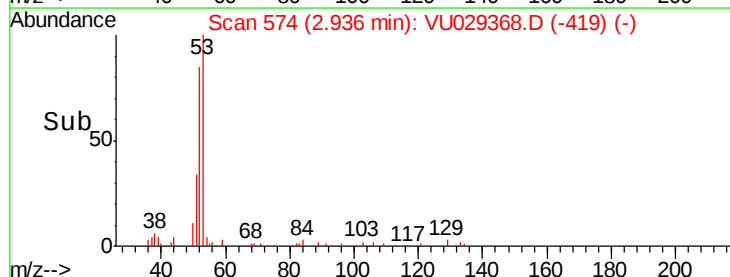
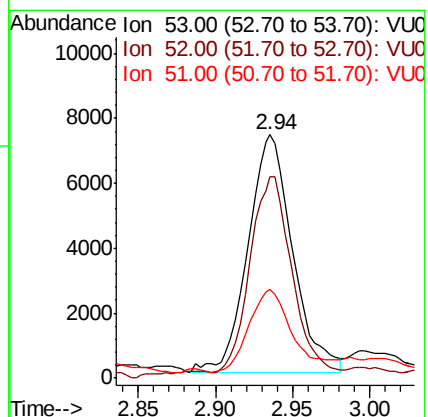
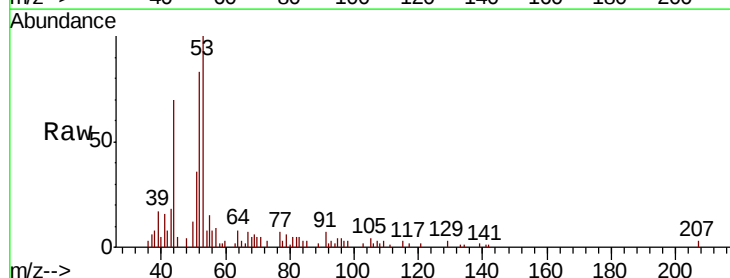
Tgt Ion: 53 Resp: 14715

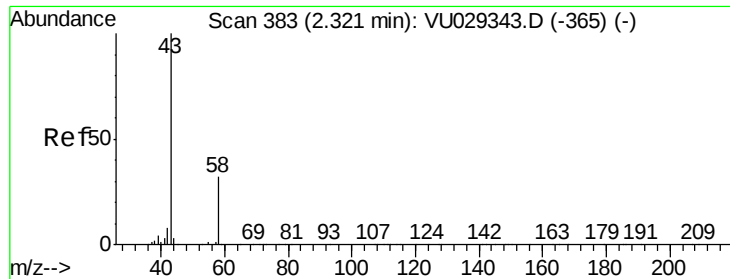
Ion Ratio Lower Upper

53 100

52 77.5 67.6 101.4

51 32.8 31.0 46.4





#13

Acetone

Concen: 9.380 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029368.D

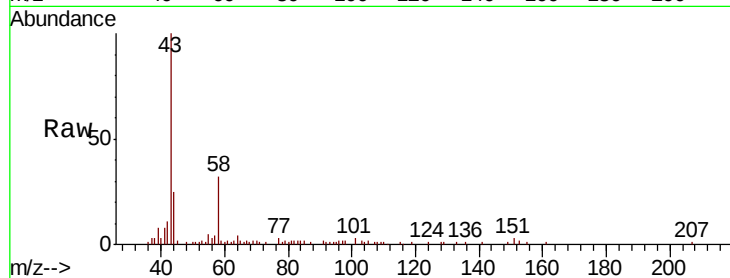
Acq: 07 Feb 2019 13:17

Tgt Ion: 43 Resp: 34392

Ion Ratio Lower Upper

43 100

58 32.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU029343.D (-365) (-)

2.32

25000

20000

15000

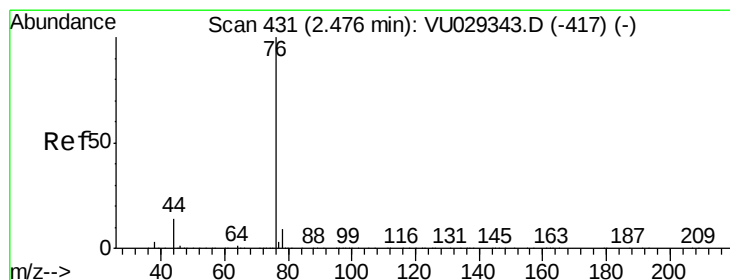
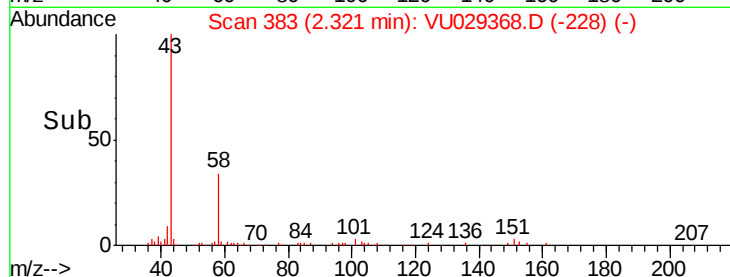
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 1.909 ug/l

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU029368.D

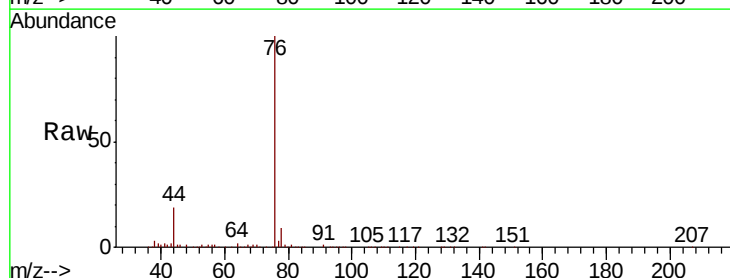
Acq: 07 Feb 2019 13:17

Tgt Ion: 76 Resp: 114389

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU029343.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU029343.D (-417) (-)

2.48

80000

60000

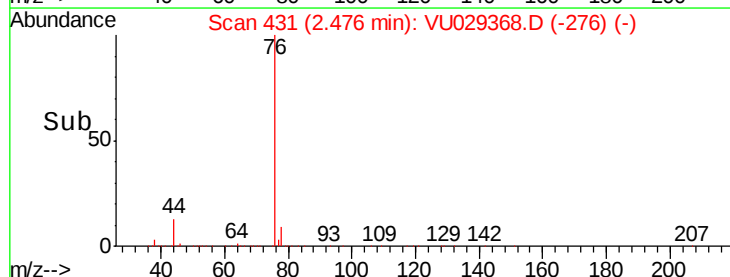
40000

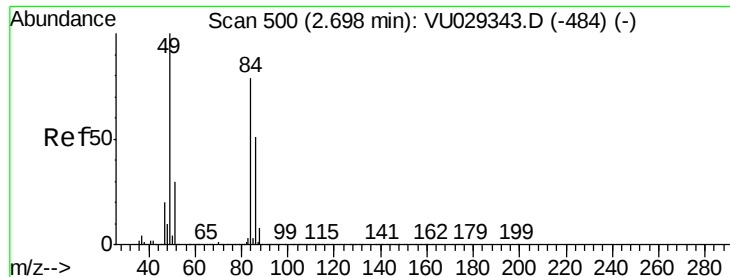
20000

0

Time-->

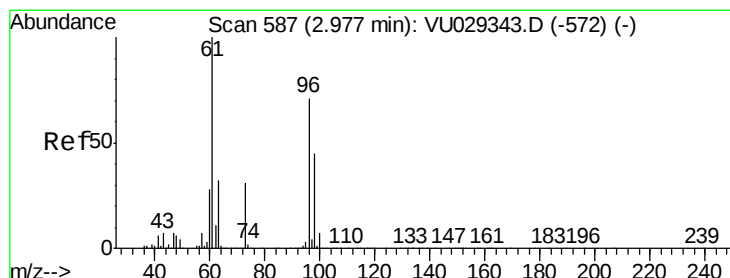
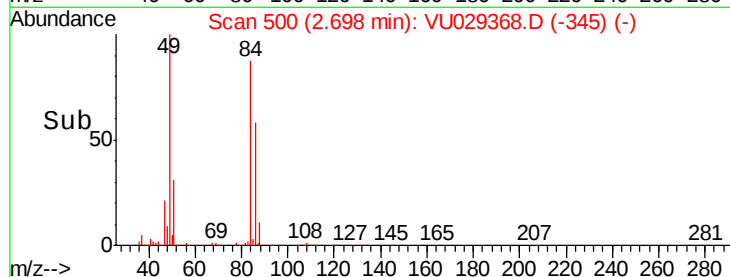
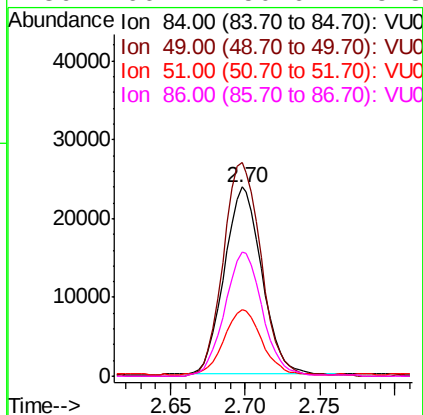
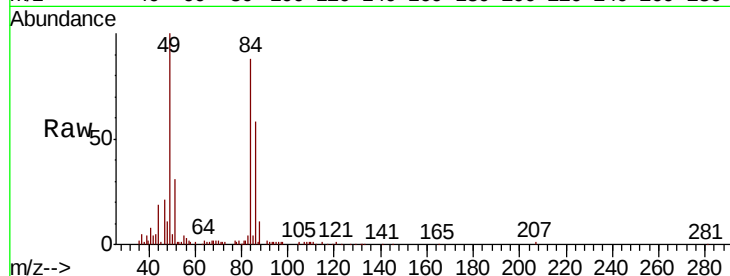
2.40 2.45 2.50 2.55





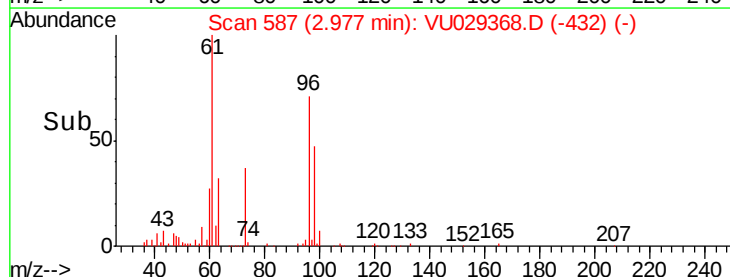
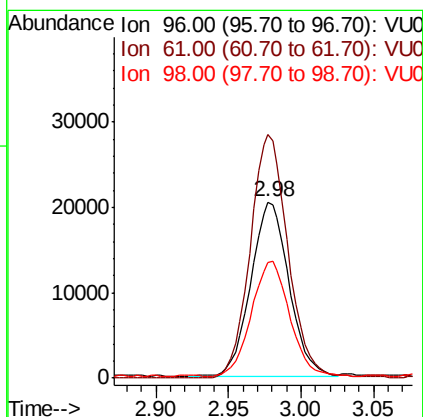
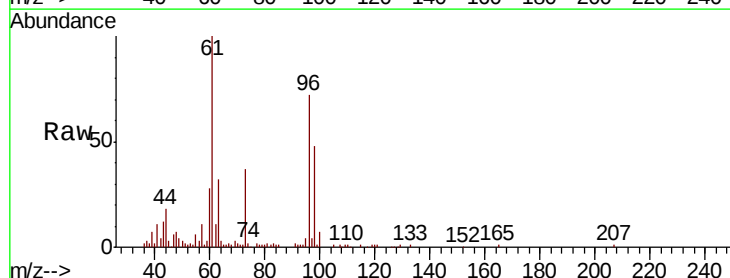
#15
Methylene Chloride
Concen: 2.007 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

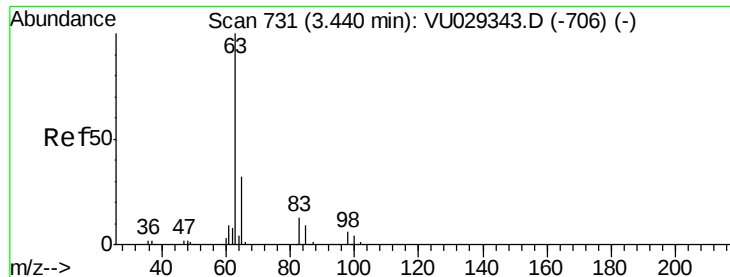
Tgt Ion:	84	Resp:	41298
Ion	Ratio	Lower	Upper
84	100		
49	113.7	127.0	190.6#
51	34.6	0.0	93.4
86	66.1	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	96	Resp:	37451
Ion	Ratio	Lower	Upper
96	100		
61	139.6	140.6	210.8#
98	64.8	49.3	73.9





#17

1,1-Dichloroethane

Concen: 2.220 ug/l

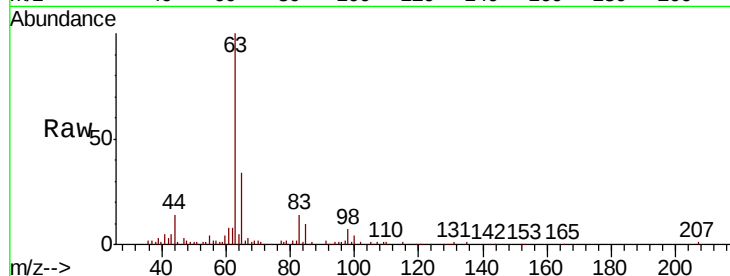
RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

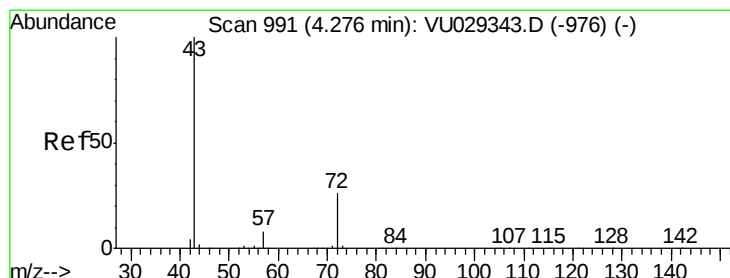
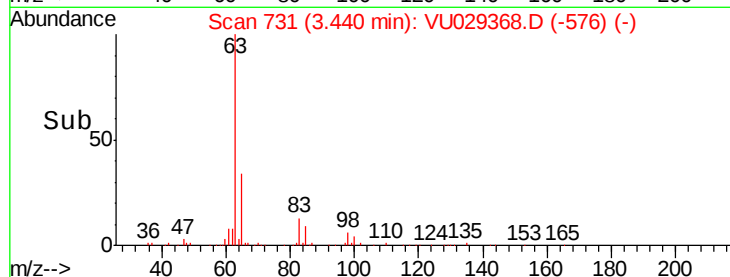
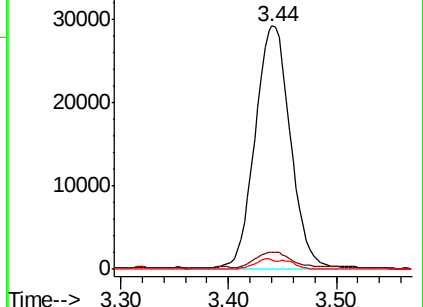
Tgt Ion:	63	Resp:	66786
Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.9	8.8
100	3.8	1.7	5.1



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU029343.D (-706) (-)



#18

2-Butanone

Concen: 8.380 ug/l

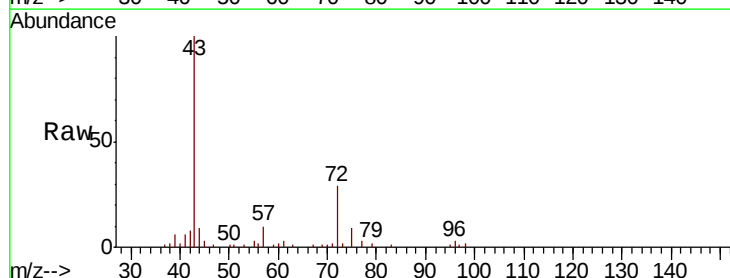
RT: 4.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU029368.D

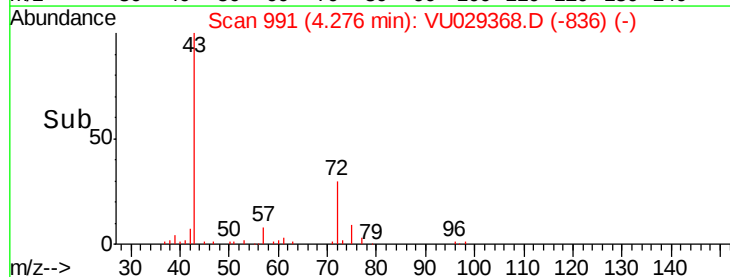
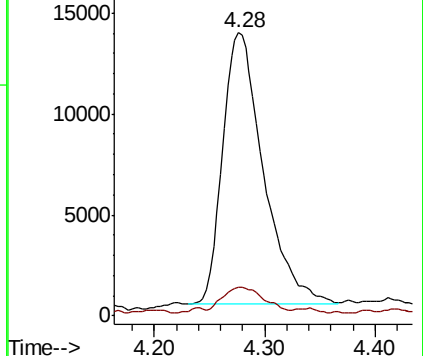
Acq: 07 Feb 2019 13:17

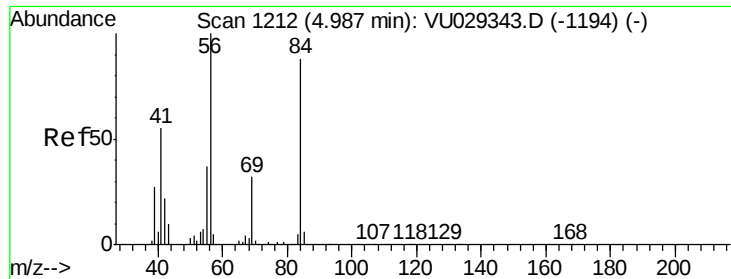
Tgt Ion:	43	Resp:	34341
Ion	Ratio	Lower	Upper
43	100		
57	8.9	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-976) (-)

Ion 57.00 (56.70 to 57.70): VU029343.D (-976) (-)





#19

Cyclohexane

Concen: 1.449 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

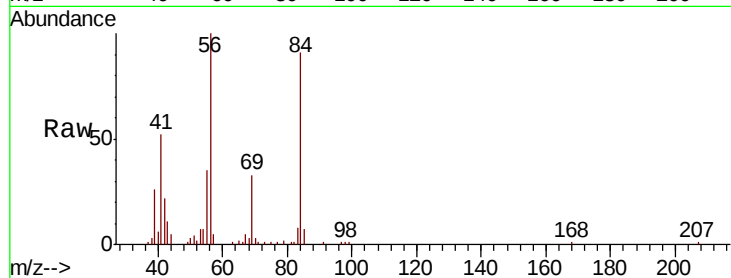
Tgt Ion: 56 Resp: 40397

Ion Ratio Lower Upper

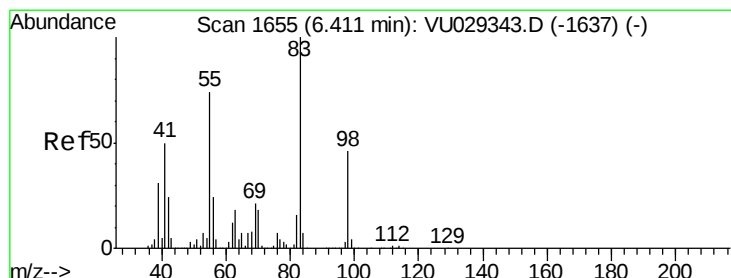
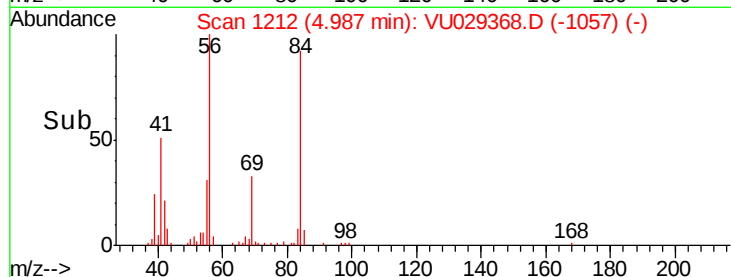
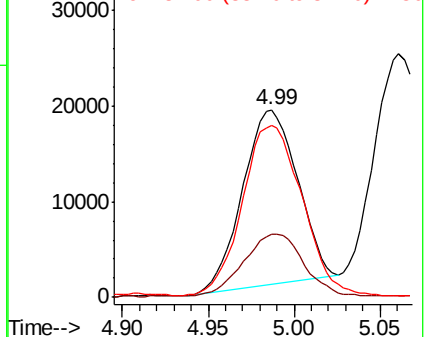
56 100

69 38.4 26.8 40.2

84 106.6 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.927 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

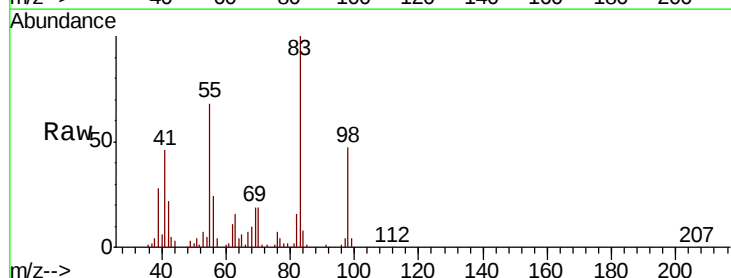
Tgt Ion: 83 Resp: 56438

Ion Ratio Lower Upper

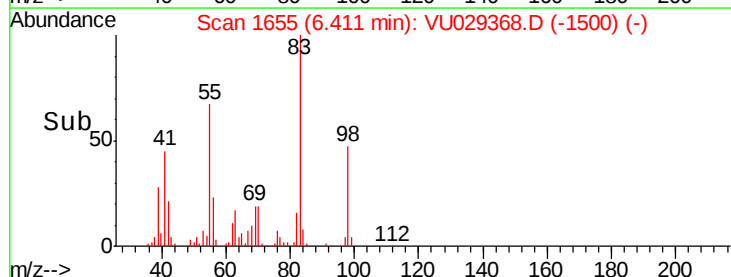
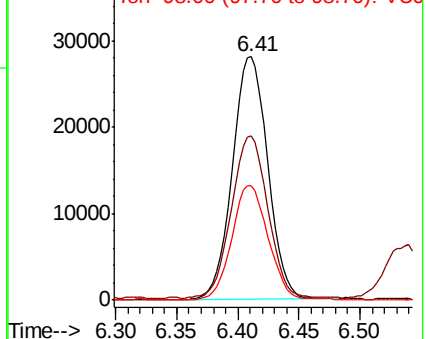
83 100

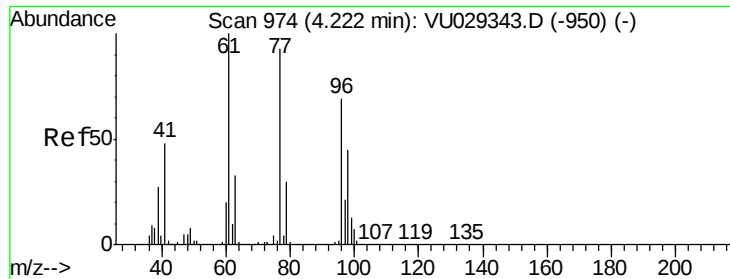
55 67.9 72.4 108.6#

98 47.9 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.948 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029368.D

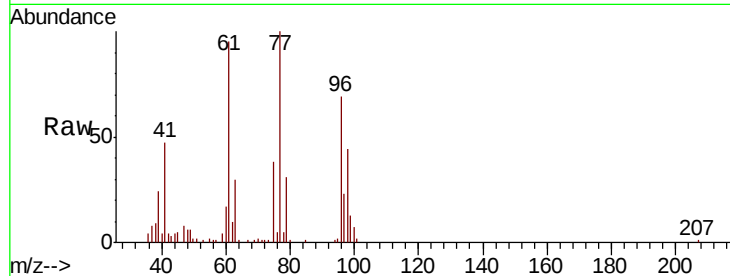
Acq: 07 Feb 2019 13:17

Tgt Ion: 77 Resp: 54231

Ion Ratio Lower Upper

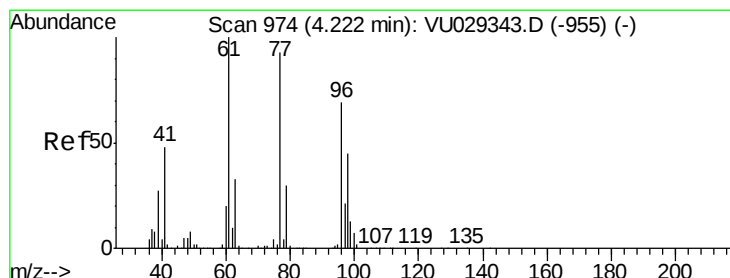
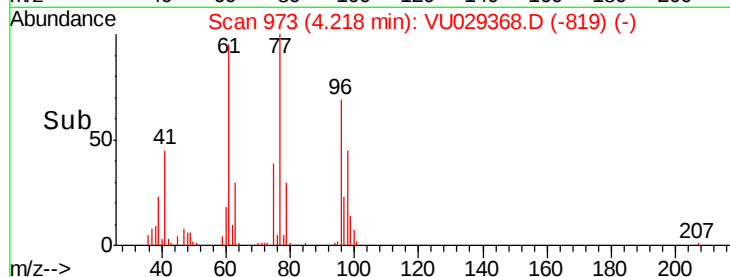
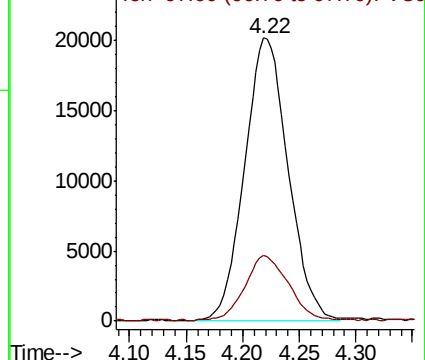
77 100

97 23.4 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.963 ug/l

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

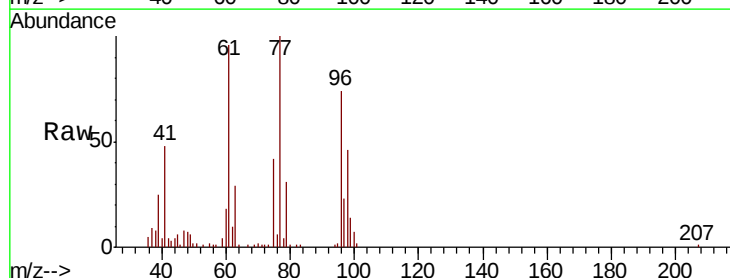
Tgt Ion: 96 Resp: 35093

Ion Ratio Lower Upper

96 100

61 140.0 0.0 460.0

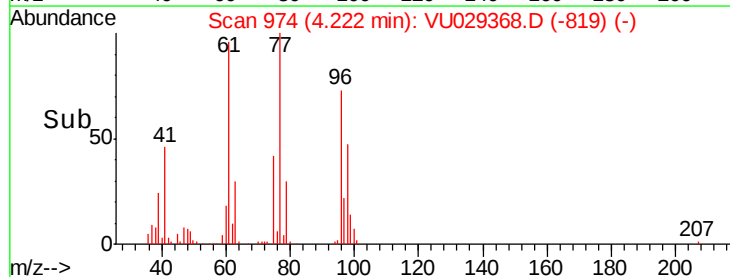
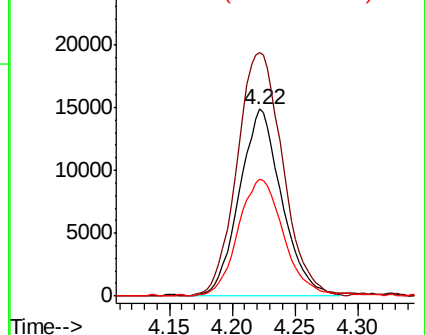
98 67.2 32.6 97.7

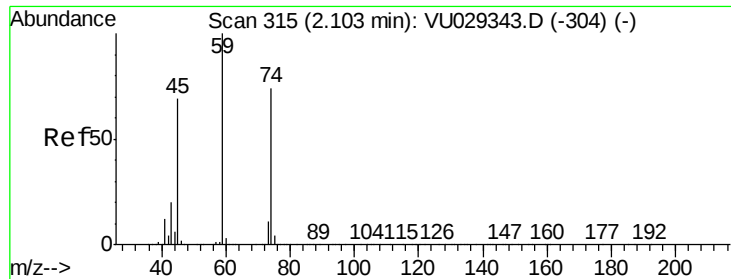


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

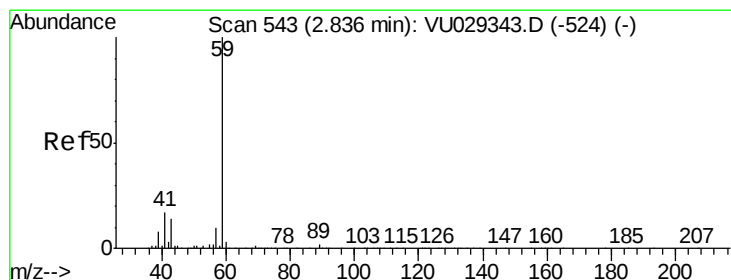
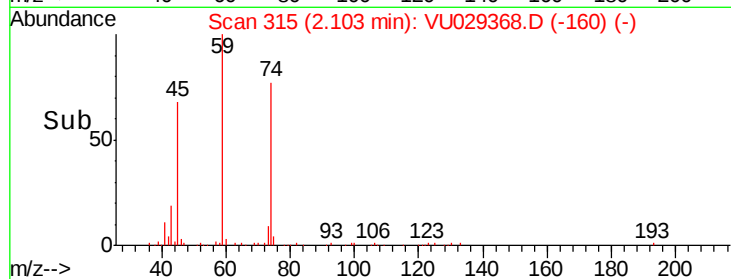
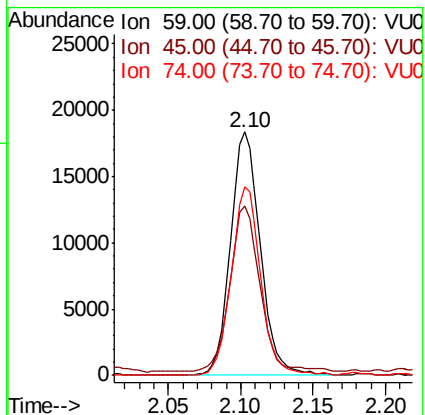
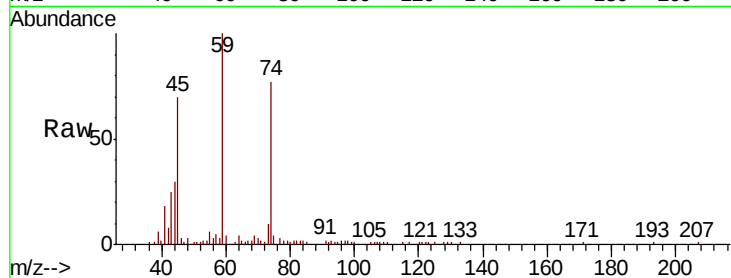
Ion 98.00 (97.70 to 98.70): VU0





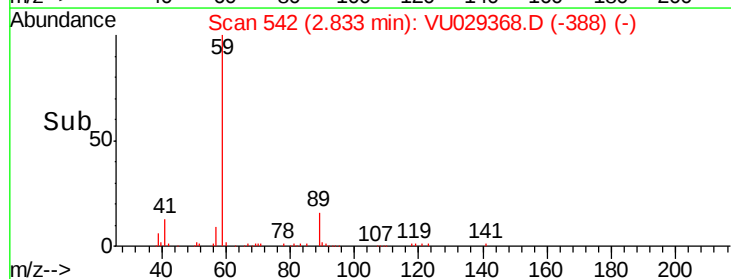
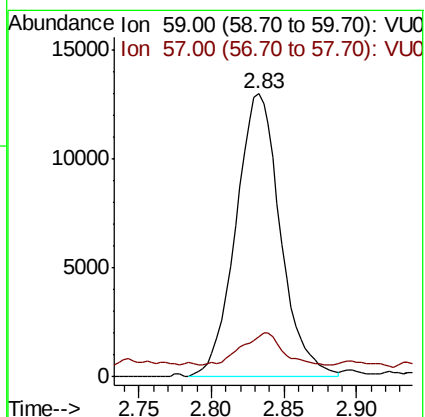
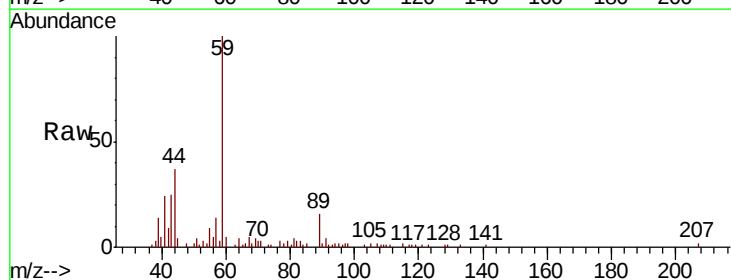
#23
Diethyl Ether
Concen: 1.921 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

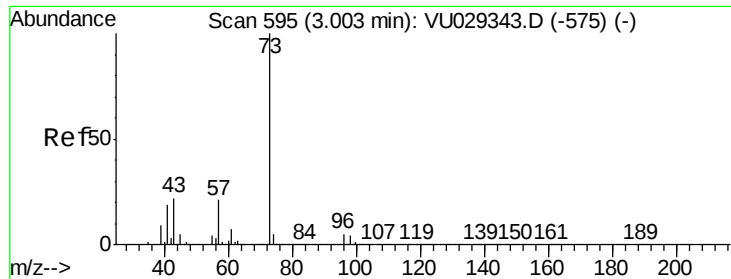
Tgt Ion	Ratio	Lower	Upper
59	100		
45	67.5	64.2	96.4
74	76.5	55.3	82.9



#24
tert-Butyl Alcohol
Concen: 19.681 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.8	13.2

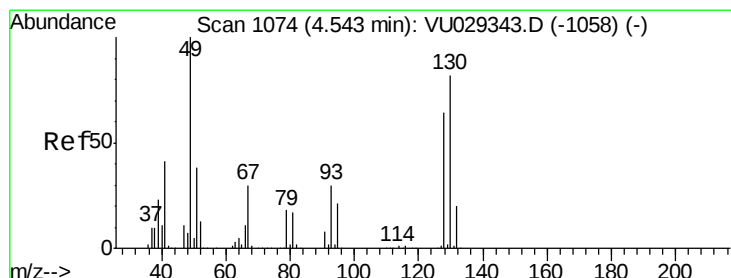
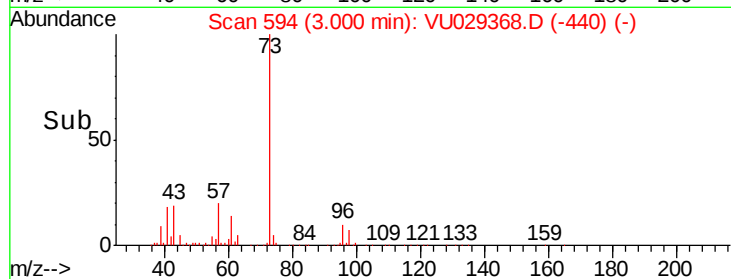
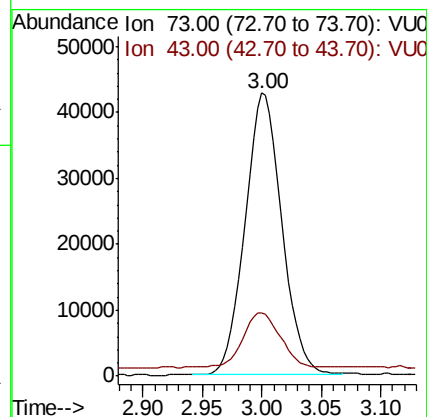
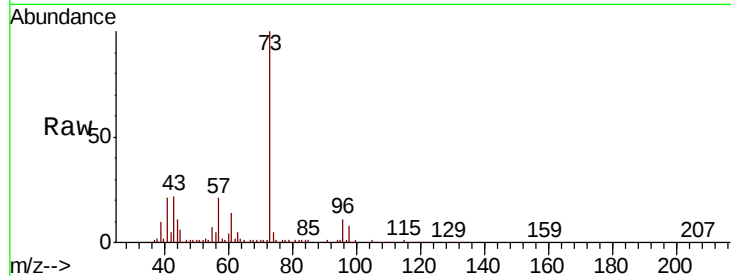




#25

Methyl tert-Butyl Ether
Concen: 1.920 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

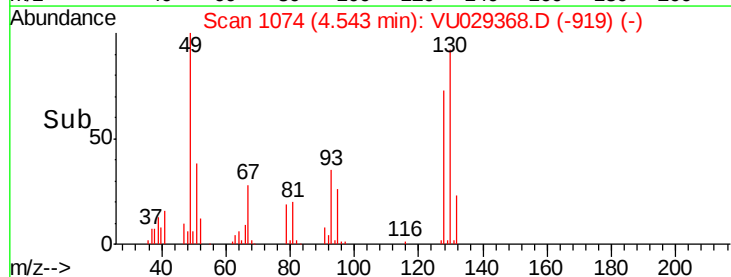
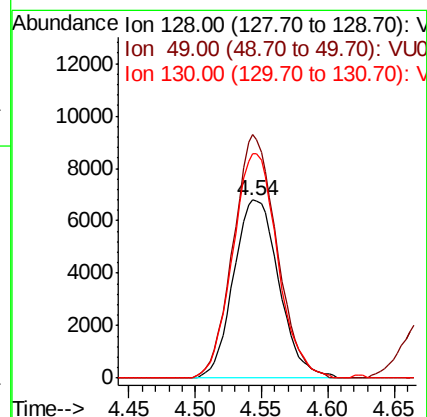
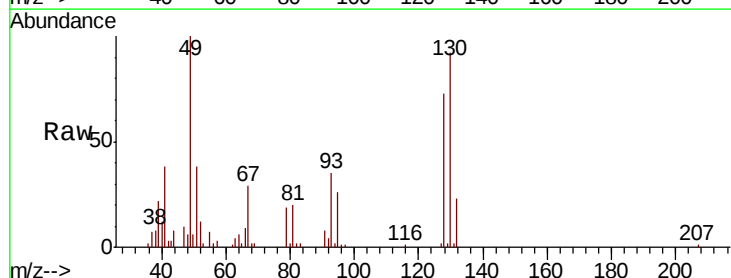
Tgt Ion: 73 Resp: 91780
Ion Ratio Lower Upper
73 100
43 19.0 22.1 33.1#

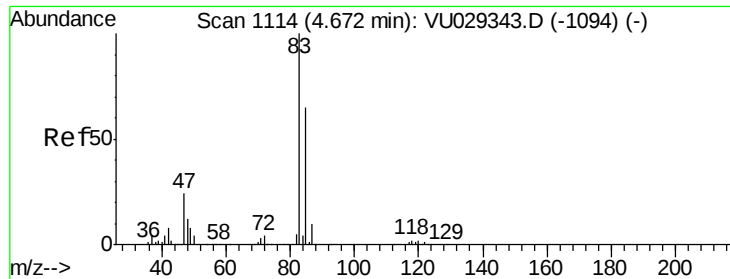


#26

Bromochloromethane
Concen: 2.048 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

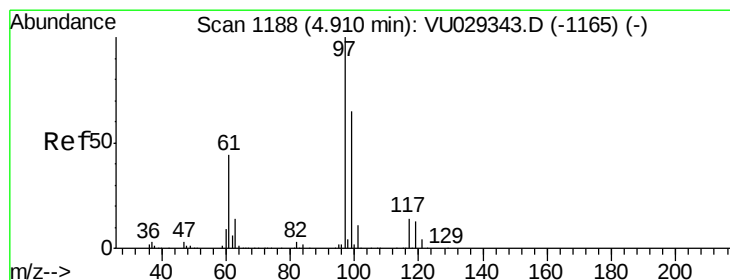
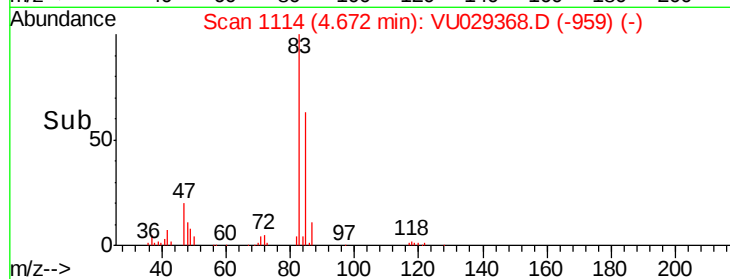
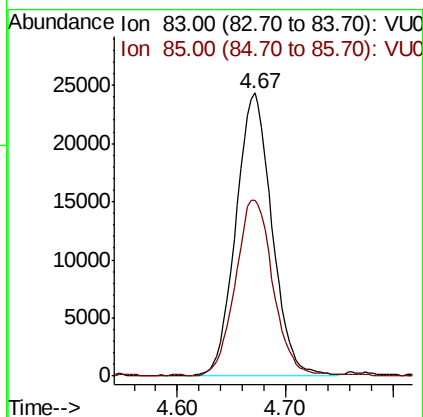
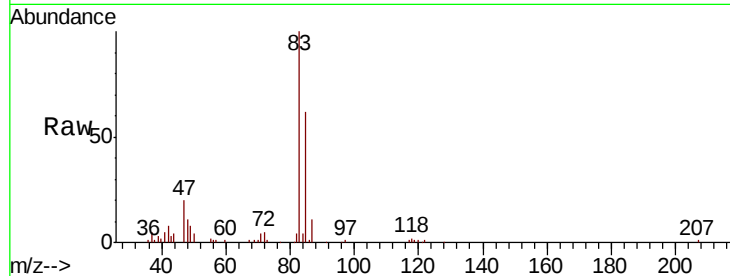
Tgt Ion: 128 Resp: 16177
Ion Ratio Lower Upper
128 100
49 131.2 0.0 401.6
130 125.1 108.0 162.0





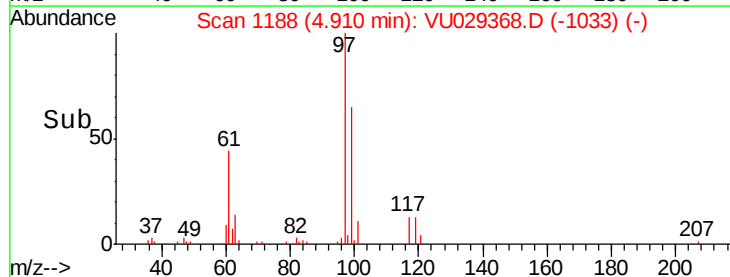
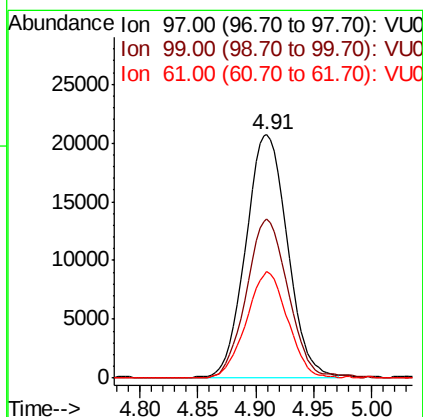
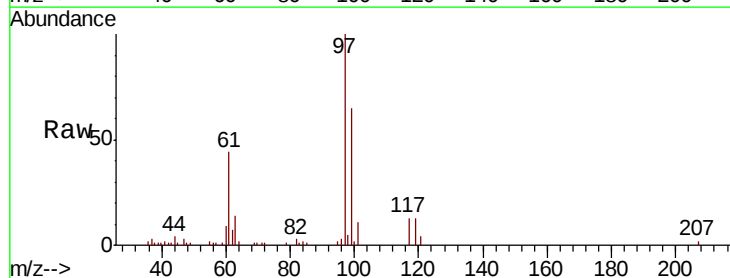
#27
Chloroform
Concen: 1.940 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

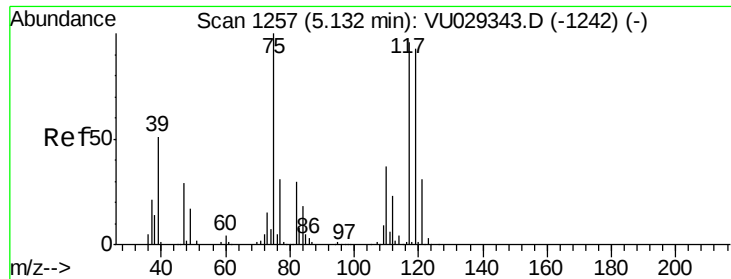
Tgt Ion: 83 Resp: 56733
Ion Ratio Lower Upper
83 100
85 62.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.919 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 97 Resp: 52026
Ion Ratio Lower Upper
97 100
99 64.7 32.4 97.2
61 42.9 24.4 73.2





#29

1,1-Dichloropropene

Concen: 1.812 ug/l

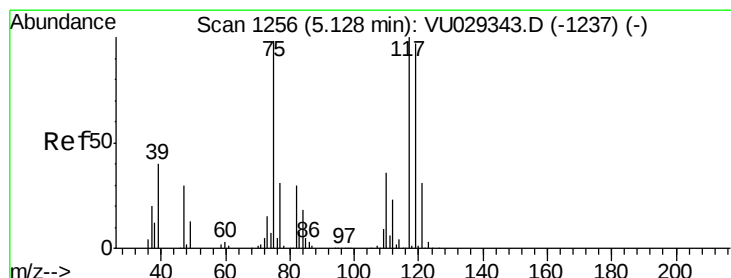
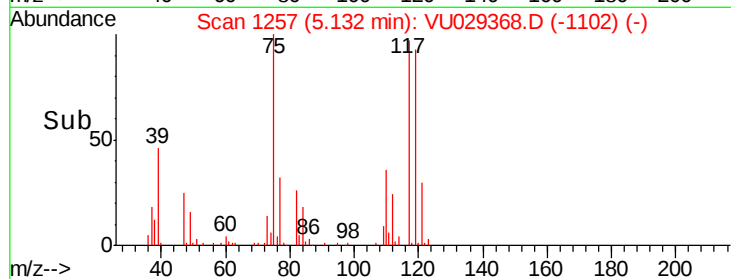
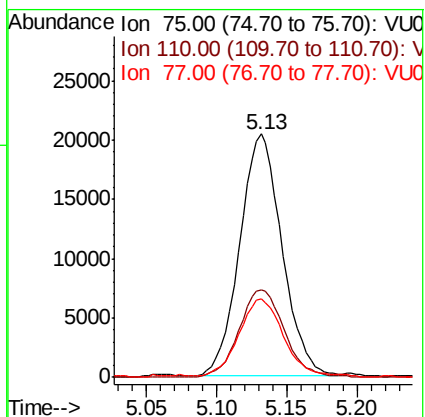
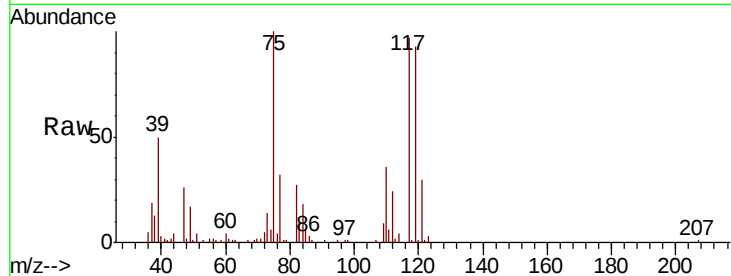
RT: 5.13 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion:	75	Resp:	42648
Ion	Ratio	Lower	Upper
75	100		
110	38.6	15.4	46.2
77	35.1	24.1	36.1



#30

Carbon Tetrachloride

Concen: 1.957 ug/l

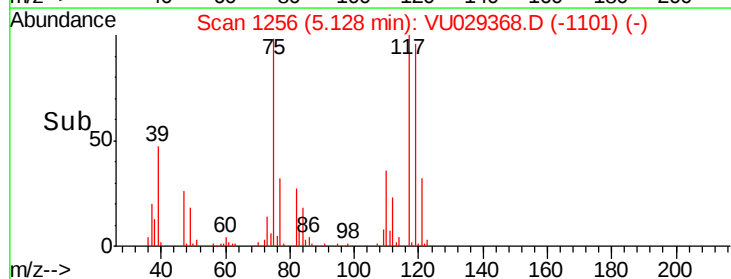
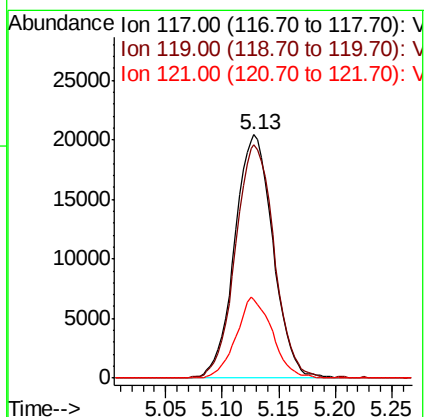
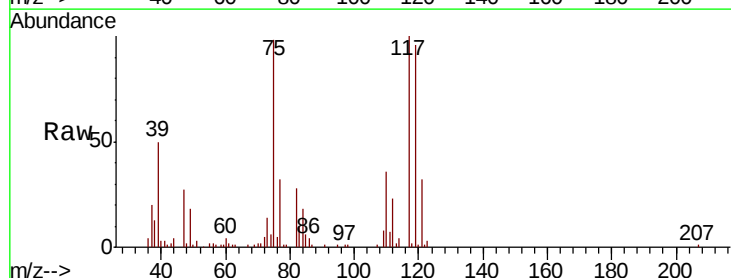
RT: 5.13 min Scan# 1256

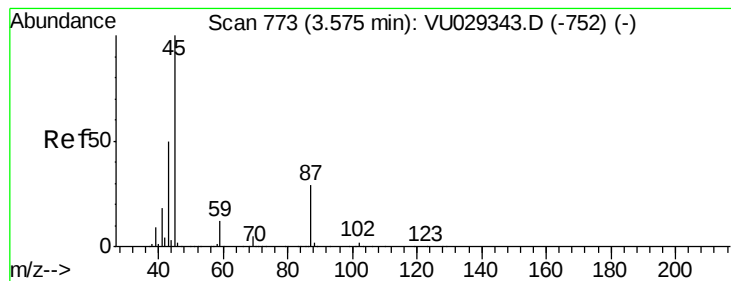
Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion:	117	Resp:	48026
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
121	32.3	24.4	36.6





#31

Isopropyl Ether

Concen: 1.832 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029368.D

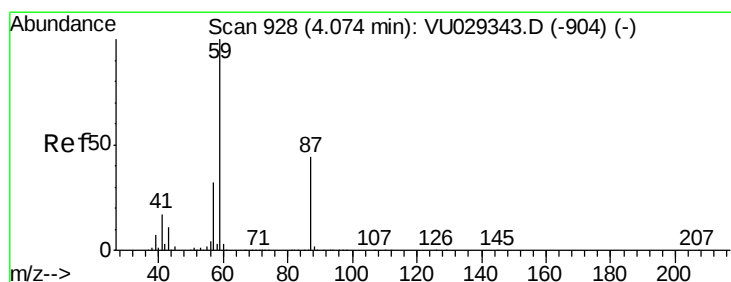
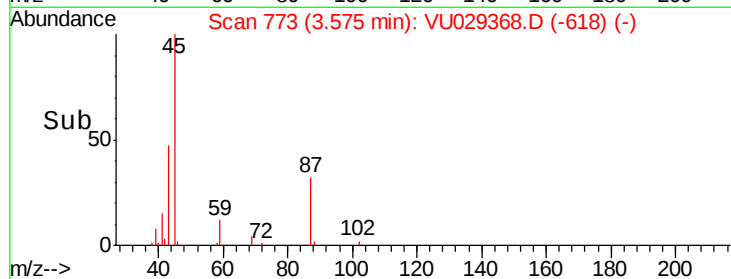
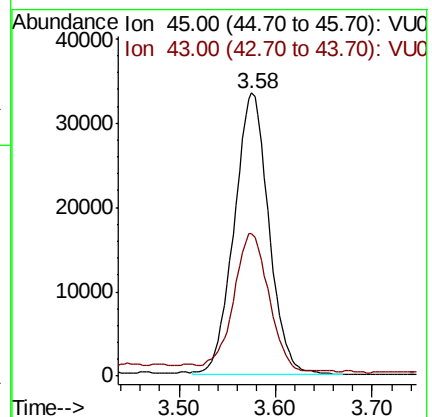
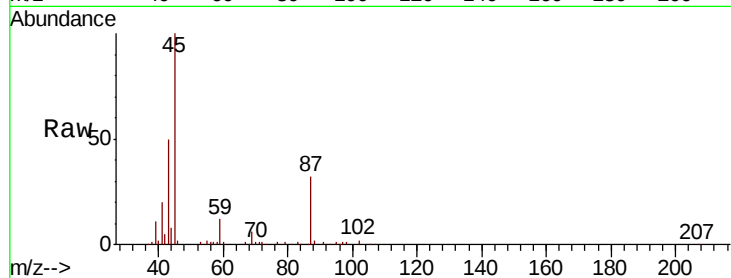
Acq: 07 Feb 2019 13:17

Tgt Ion: 45 Resp: 83152

Ion Ratio Lower Upper

45 100

43 49.7 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 1.805 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU029368.D

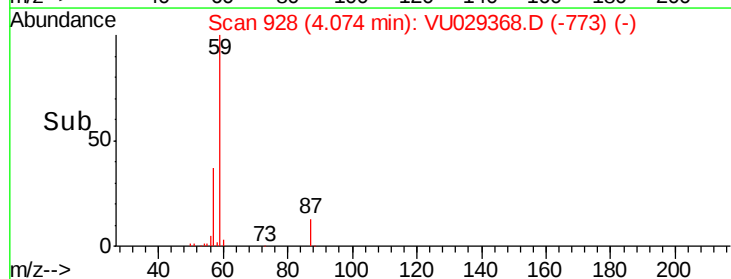
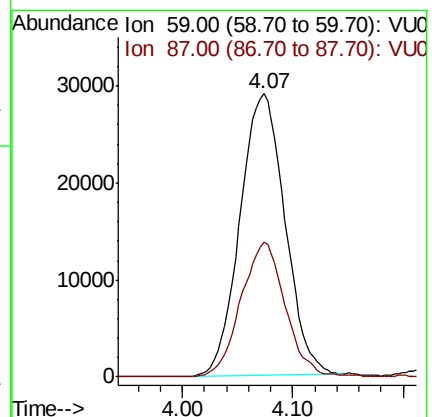
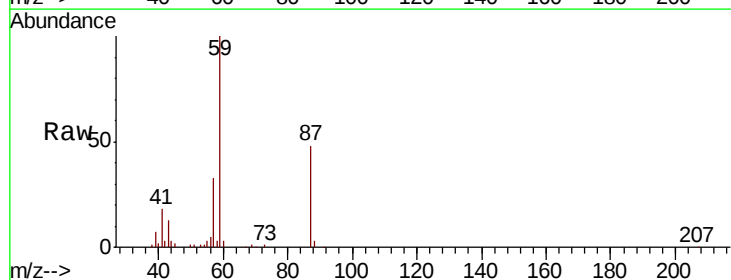
Acq: 07 Feb 2019 13:17

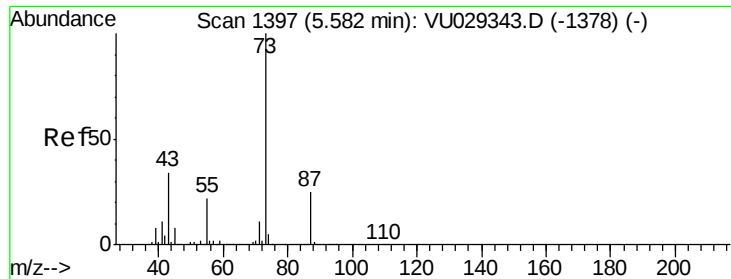
Tgt Ion: 59 Resp: 82104

Ion Ratio Lower Upper

59 100

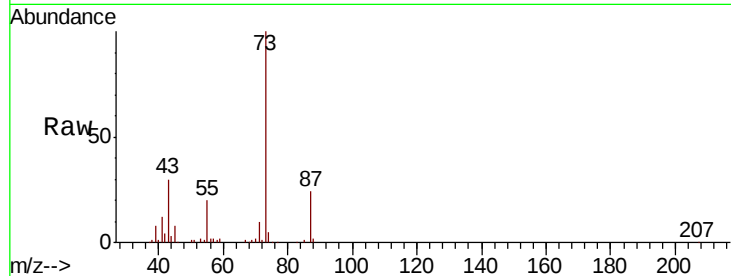
87 46.4 31.1 46.7



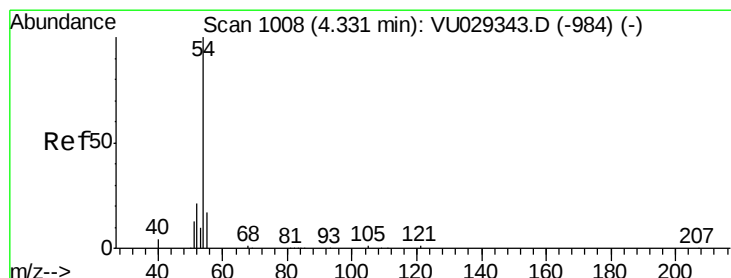
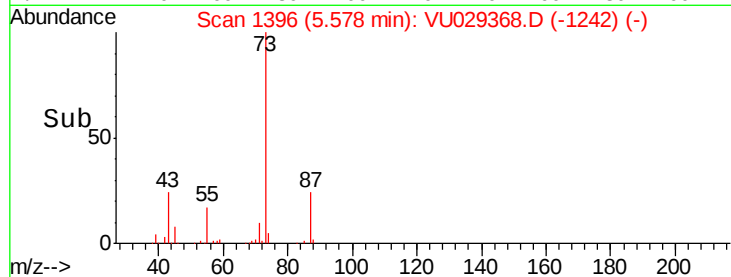
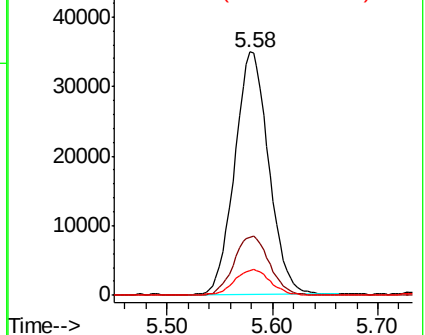


#33
Tert-Amyl methyl ether
Concen: 1.907 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 73 Resp: 78427
Ion Ratio Lower Upper
73 100
87 25.2 19.4 29.0
71 11.0 9.0 13.4

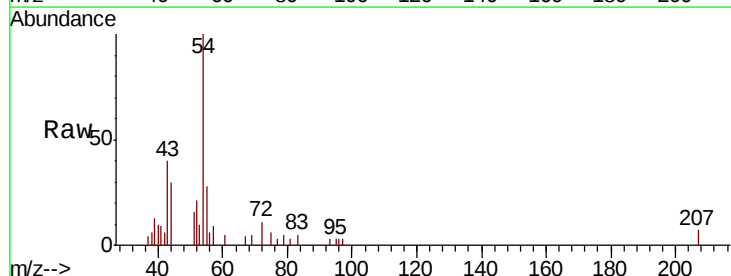


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

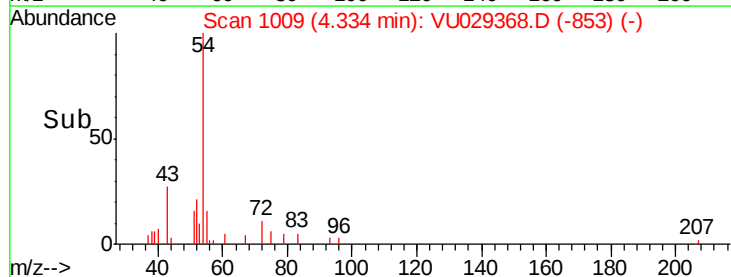
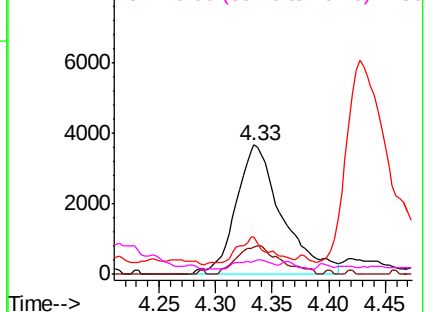


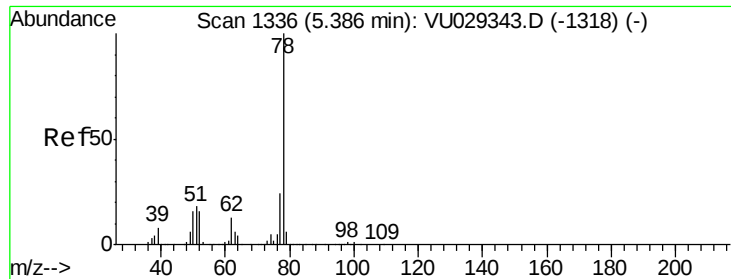
#34
Propionitrile
Concen: 9.567 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 54 Resp: 10305
Ion Ratio Lower Upper
54 100
52 20.3 18.9 28.3
55 14.6 15.1 22.7#
40 4.8 7.2 10.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.895 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029368.D

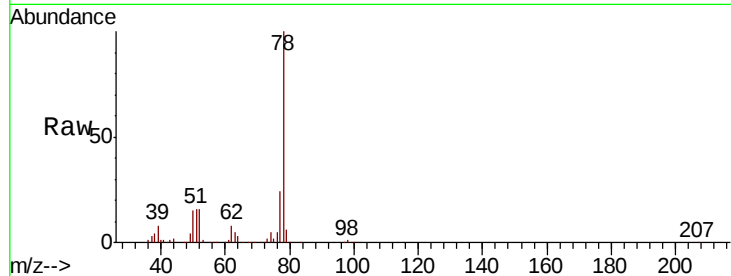
Acq: 07 Feb 2019 13:17

Tgt Ion: 78 Resp: 123361

Ion Ratio Lower Upper

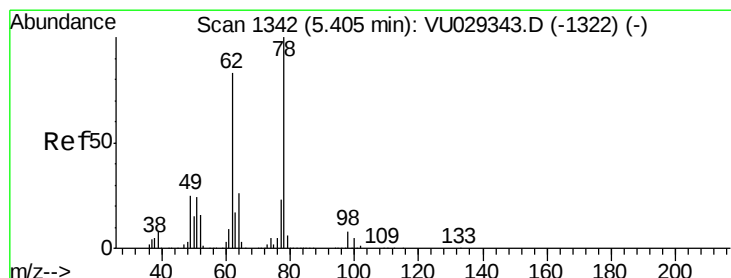
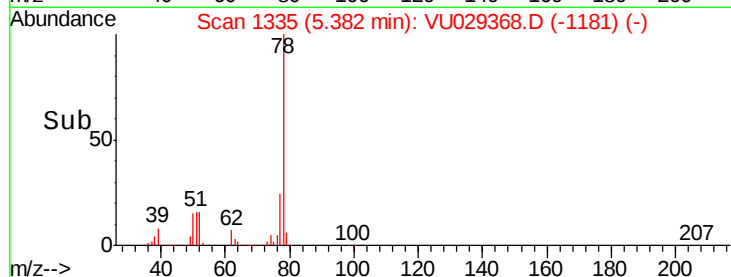
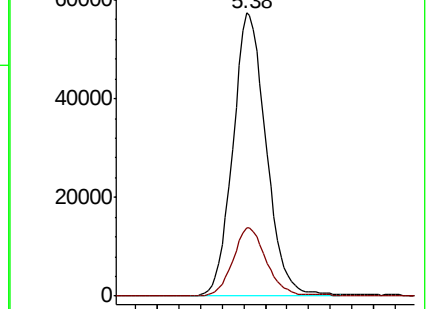
78 100

77 24.2 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU029343.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1318) (-)



#36

1,2-Dichloroethane

Concen: 1.743 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VU029368.D

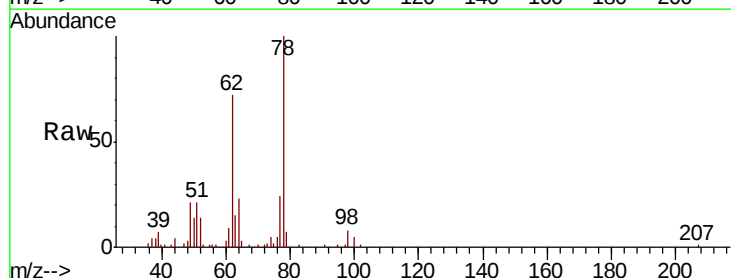
Acq: 07 Feb 2019 13:17

Tgt Ion: 62 Resp: 34313

Ion Ratio Lower Upper

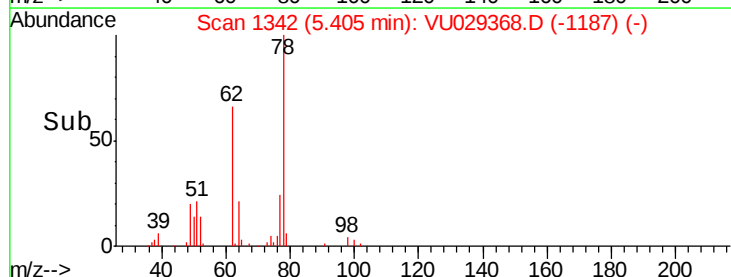
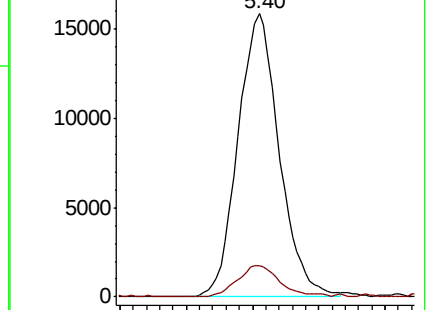
62 100

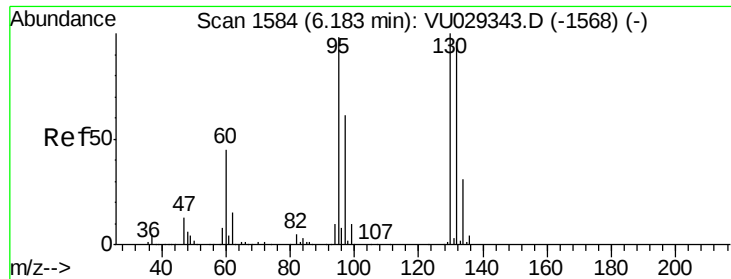
98 11.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU029343.D (-1322) (-)

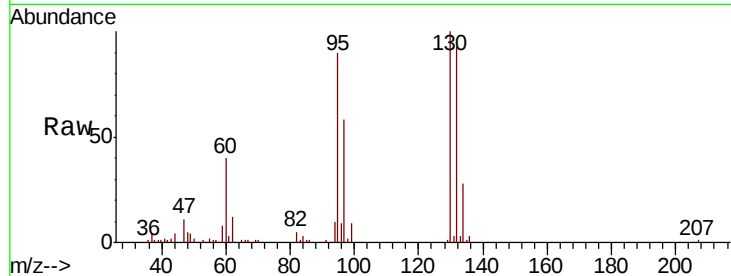
Ion 98.00 (97.70 to 98.70): VU029343.D (-1322) (-)



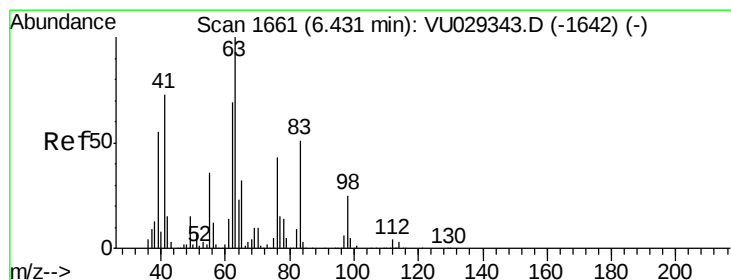
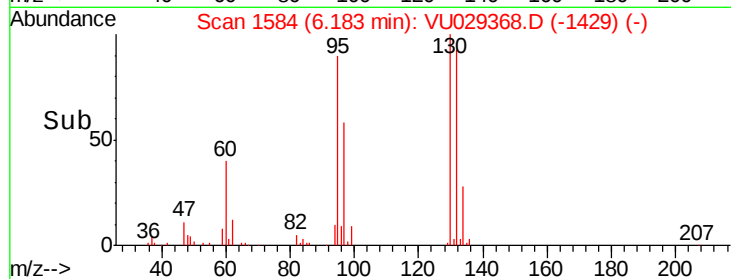
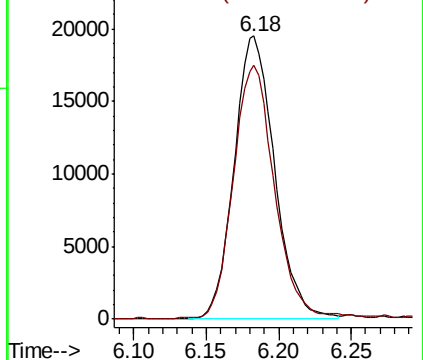


#37
 Trichloroethene
 Concen: 2.022 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 130 Resp: 37769
 Ion Ratio Lower Upper
 130 100
 95 89.1 85.4 128.0

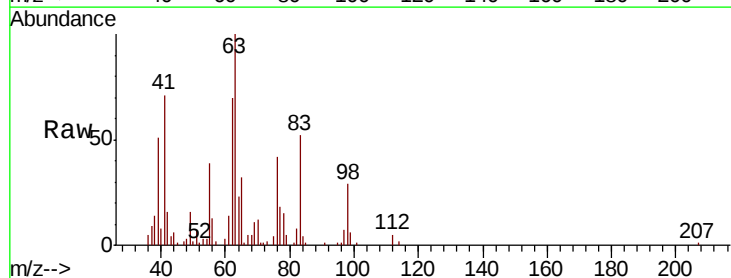


Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029343.D (-1568) (-)

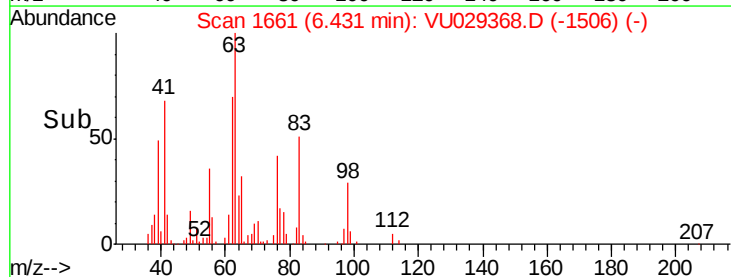
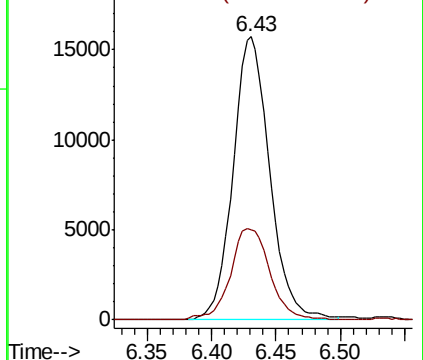


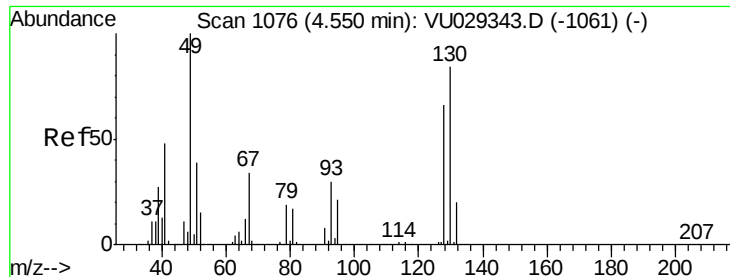
#38
 1,2-Dichloropropane
 Concen: 1.839 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 63 Resp: 31135
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



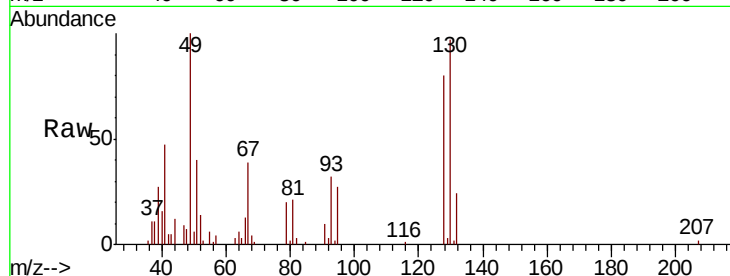
Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU029343.D (-1642) (-)



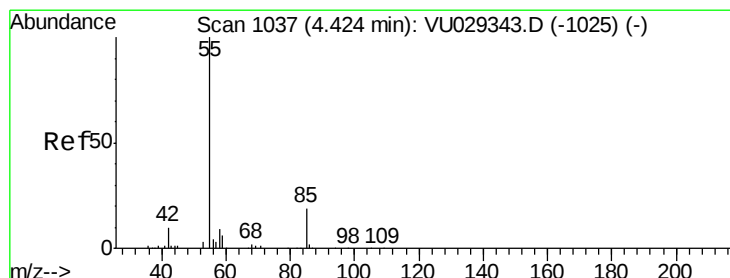
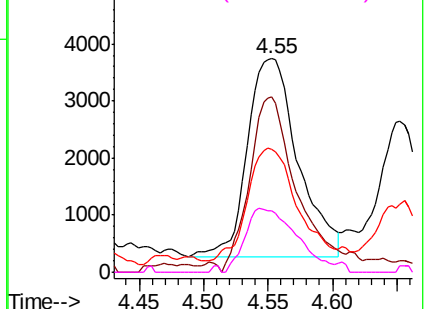
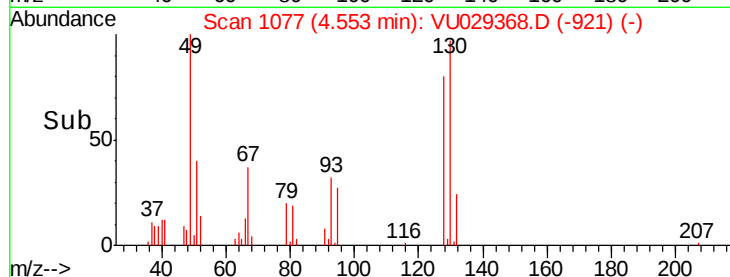


#39
Methacrylonitrile
Concen: 1.718 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	41	Resp:	9479
Ion	Ratio	Lower	Upper
41	100		
67	85.5	50.1	75.1#
39	55.4	47.9	71.9
52	32.7	24.8	37.2

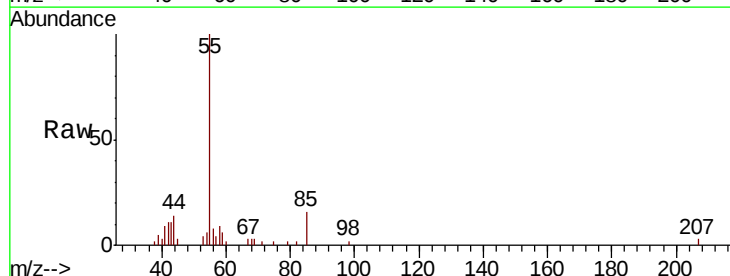


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

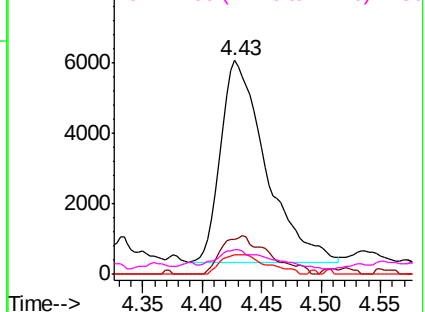
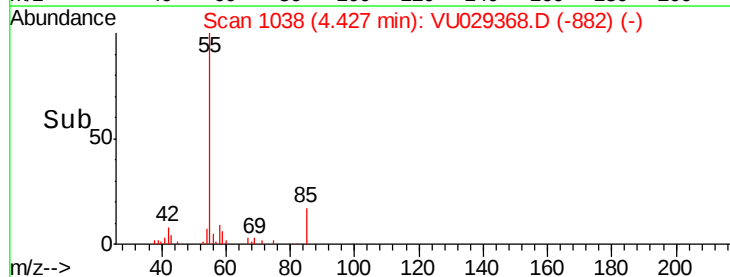


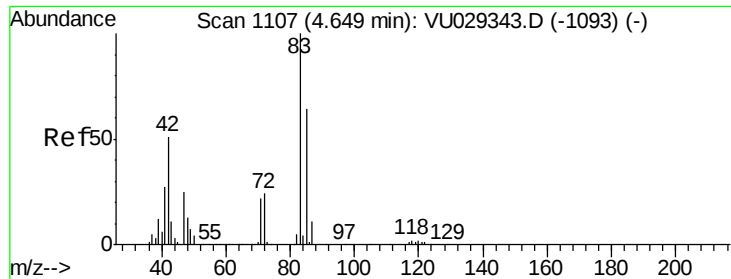
#40
Methyl acrylate
Concen: 1.807 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	55	Resp:	15045
Ion	Ratio	Lower	Upper
55	100		
85	20.0	11.3	16.9#
58	9.6	6.2	9.4#
42	11.6	10.1	15.1



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.387 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

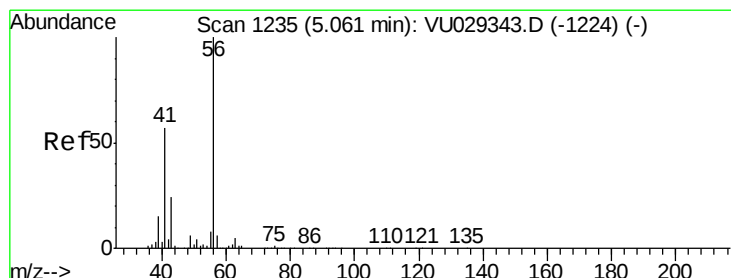
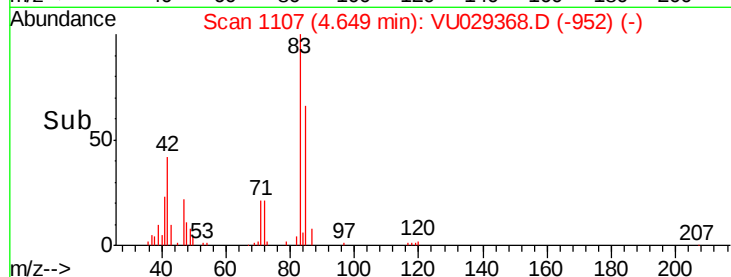
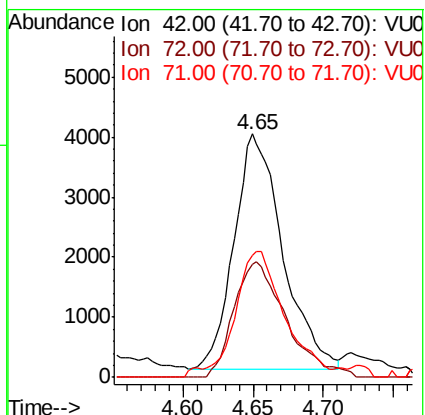
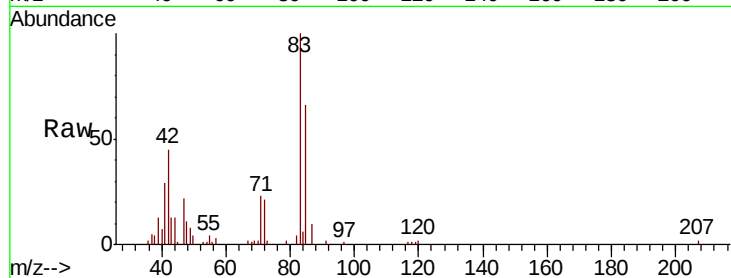
Tgt Ion: 42 Resp: 9410

Ion Ratio Lower Upper

42 100

72 53.1 33.1 49.7#

71 55.1 30.2 45.2#



#42

1-Chlorobutane

Concen: 1.798 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029368.D

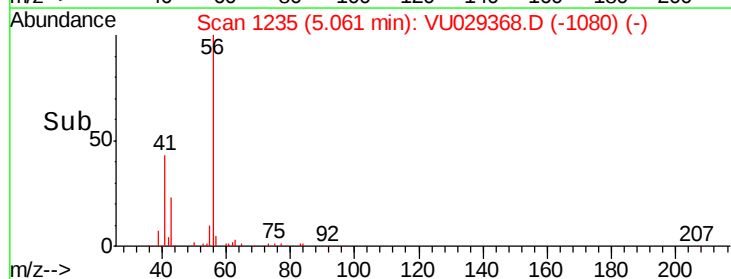
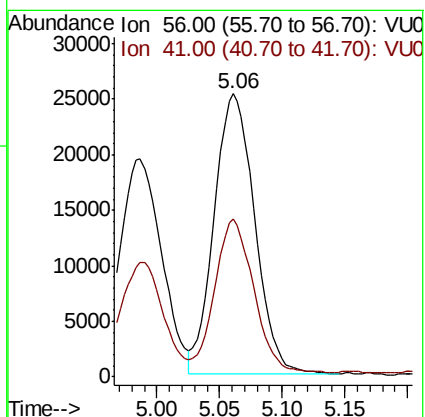
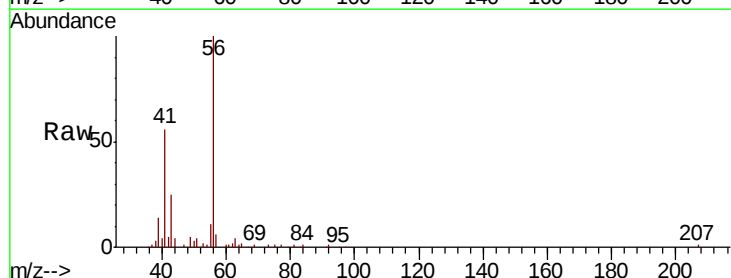
Acq: 07 Feb 2019 13:17

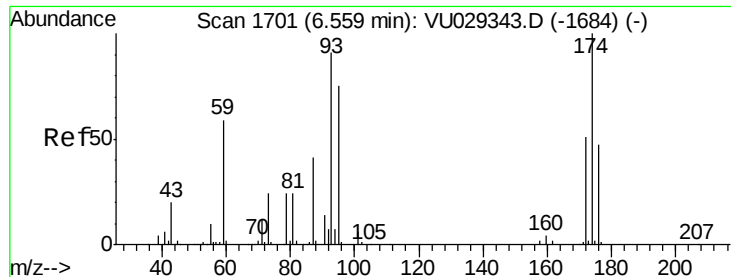
Tgt Ion: 56 Resp: 56691

Ion Ratio Lower Upper

56 100

41 52.9 31.3 93.8





#43

Dibromomethane

Concen: 1.872 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

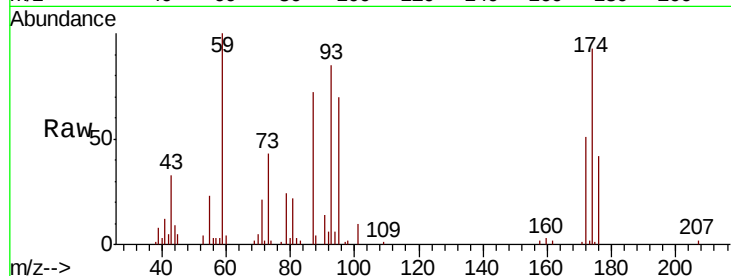
Tgt Ion: 93 Resp: 16888

Ion Ratio Lower Upper

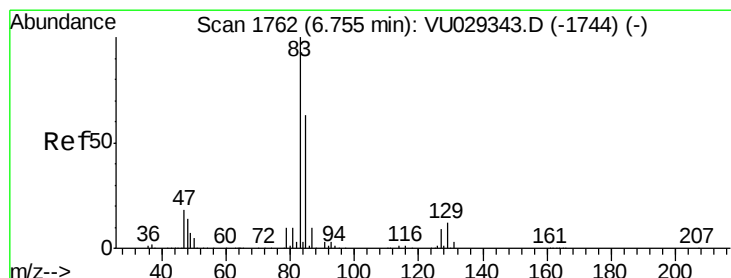
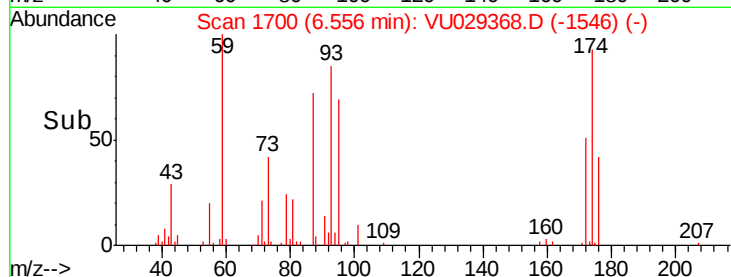
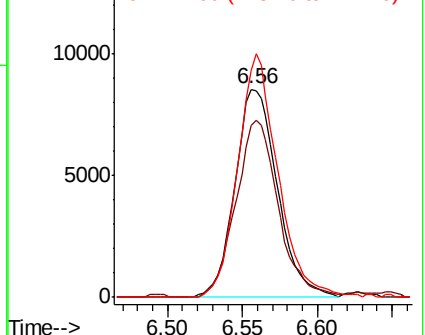
93 100

95 85.3 68.2 102.2

174 110.9 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.885 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

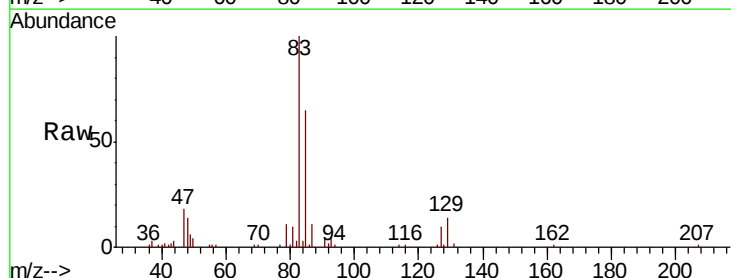
Tgt Ion: 83 Resp: 43336

Ion Ratio Lower Upper

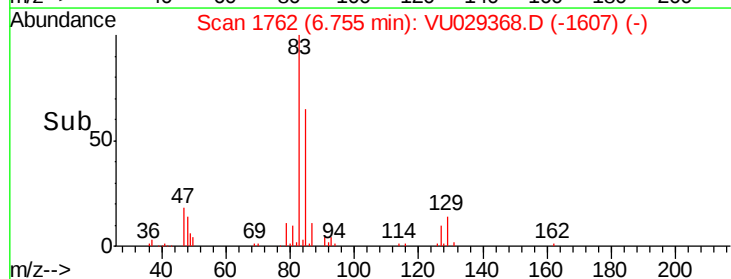
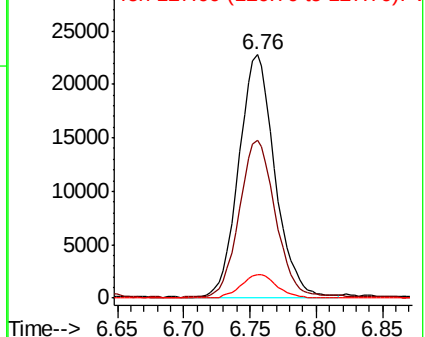
83 100

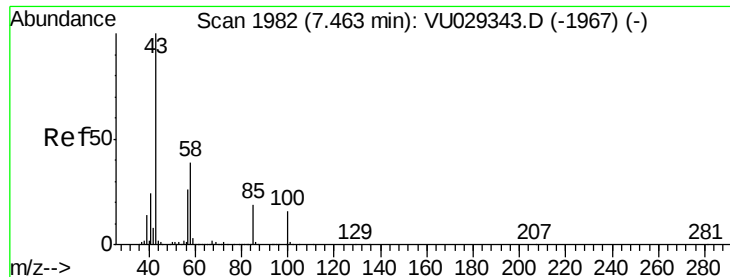
85 64.4 49.2 73.8

127 9.5 7.0 10.6



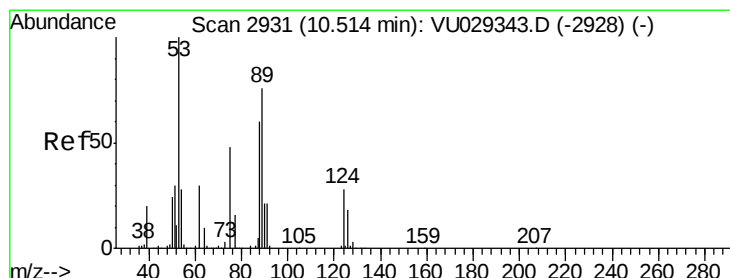
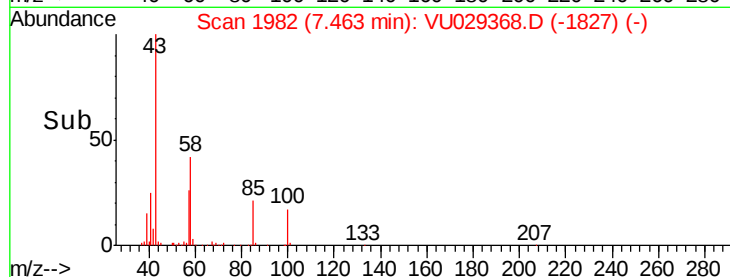
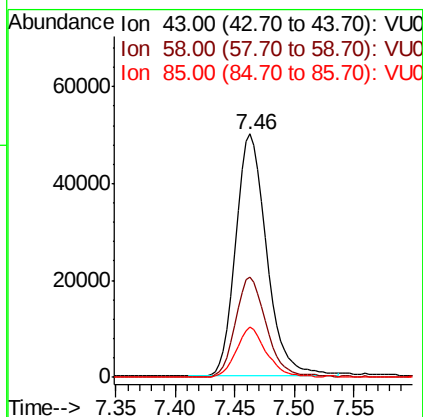
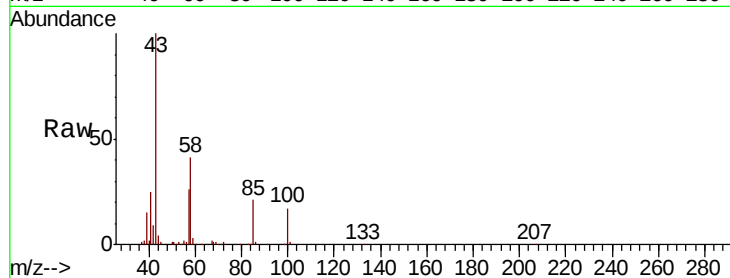
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





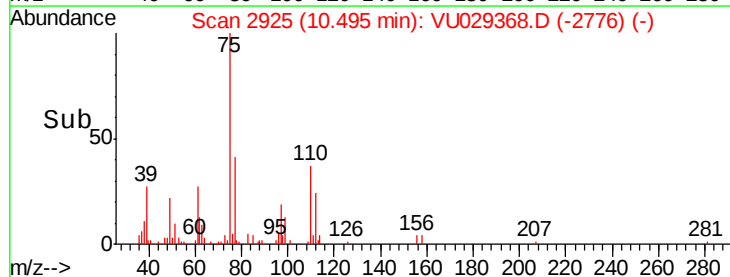
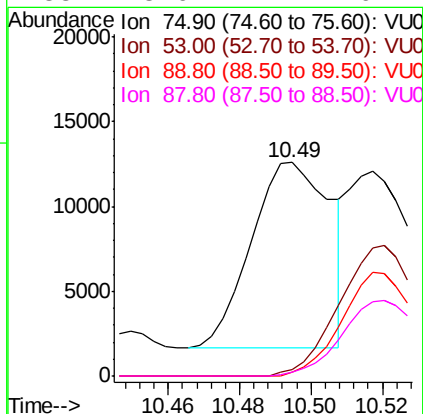
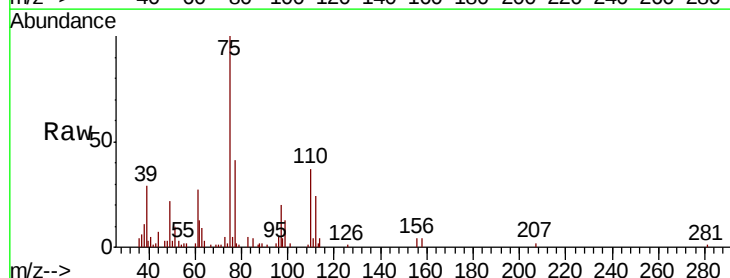
#45
 4-Methyl-2-Pentanone
 Concen: 8.545 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

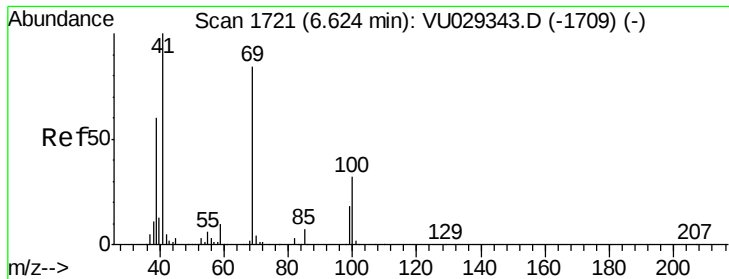
Tgt Ion:	43	Resp:	90381
Ion	Ratio	Lower	Upper
43	100		
58	41.6	17.6	52.8
85	20.2	12.3	18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.271 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

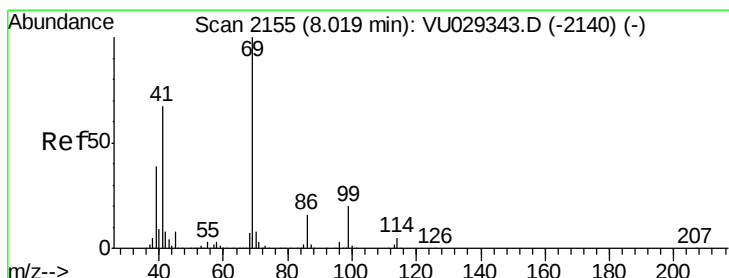
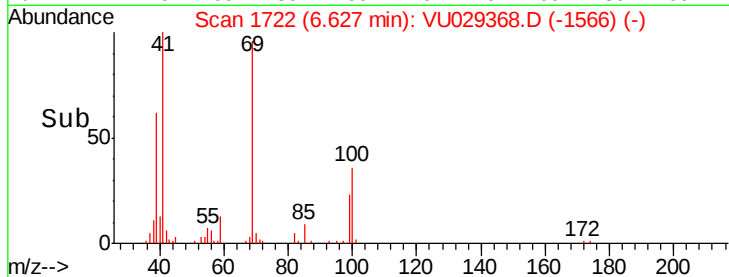
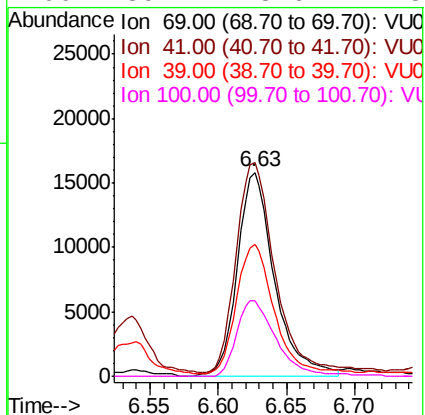
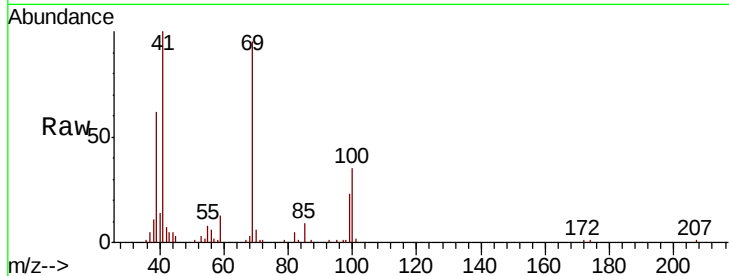
Tgt Ion:	75	Resp:	16855
Ion	Ratio	Lower	Upper
75	100		
53	74.9	78.2	117.4#
89	56.5	44.2	66.4
88	43.6	41.4	62.2





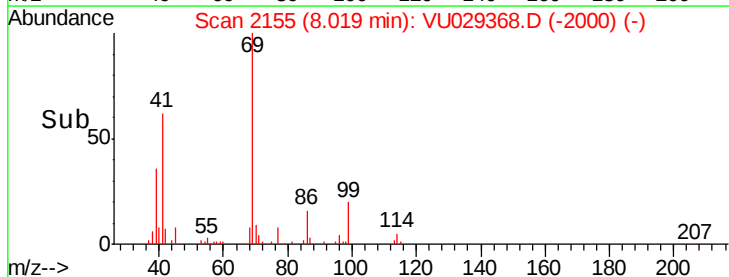
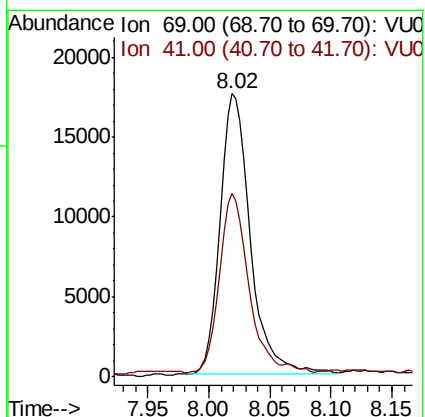
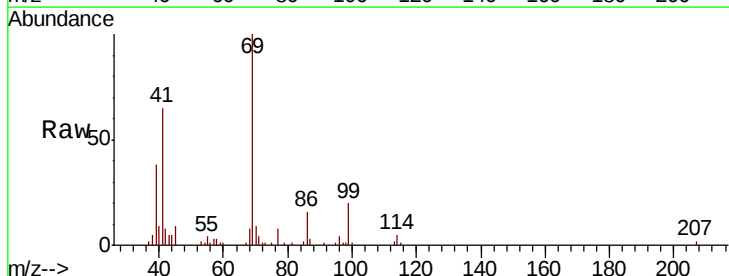
#47
Methyl methacrylate
Concen: 3.771 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

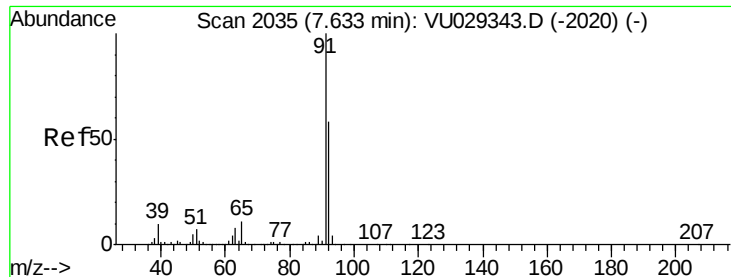
Tgt Ion:	69	Resp:	29937
Ion	Ratio	Lower	Upper
69	100		
41	108.5	0.0	296.2
39	64.6	71.2	106.8#
100	39.4	28.6	42.8



#48
Ethyl methacrylate
Concen: 1.808 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	69	Resp:	30785
Ion	Ratio	Lower	Upper
69	100		
41	62.0	39.9	119.7





#49

Toluene

Concen: 1.903 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029368.D

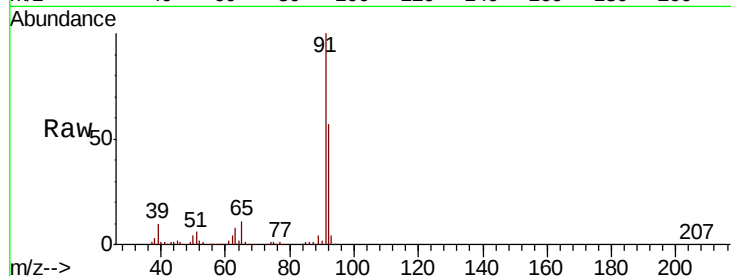
Acq: 07 Feb 2019 13:17

Tgt Ion: 92 Resp: 79241

Ion Ratio Lower Upper

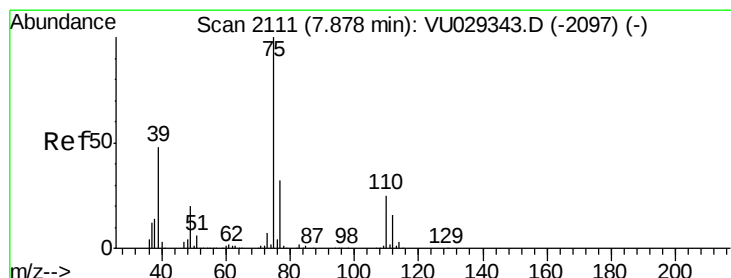
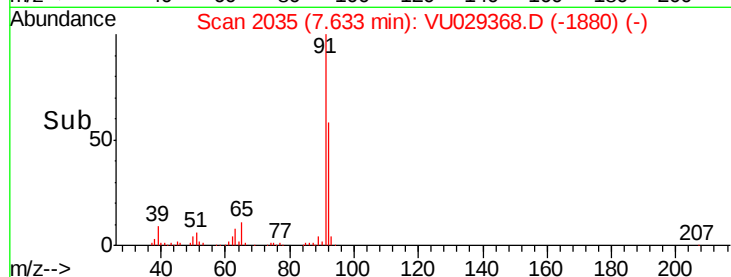
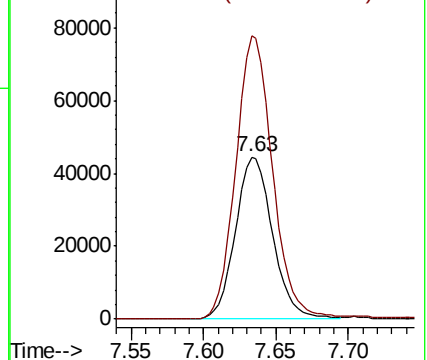
92 100

91 175.8 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.837 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029368.D

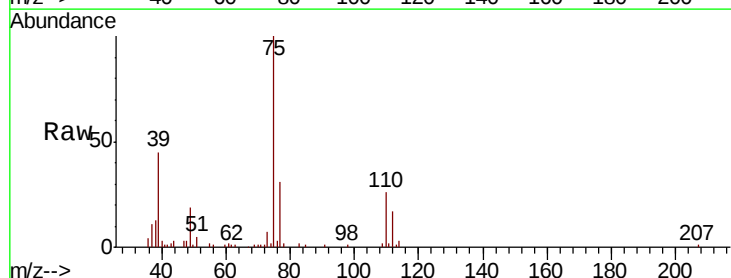
Acq: 07 Feb 2019 13:17

Tgt Ion: 75 Resp: 41399

Ion Ratio Lower Upper

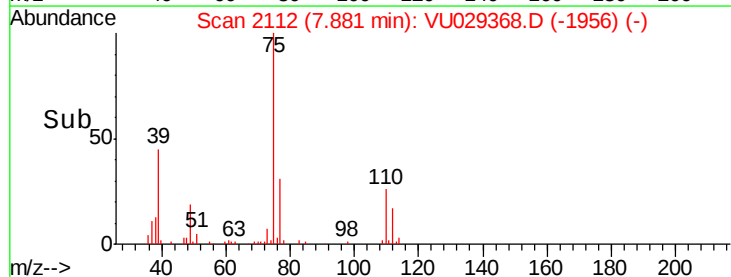
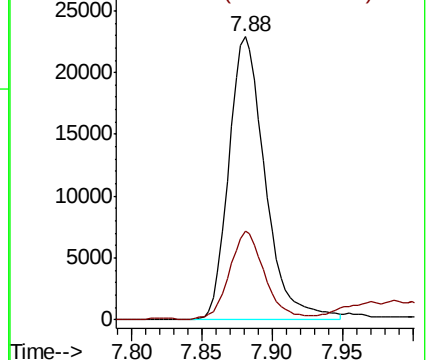
75 100

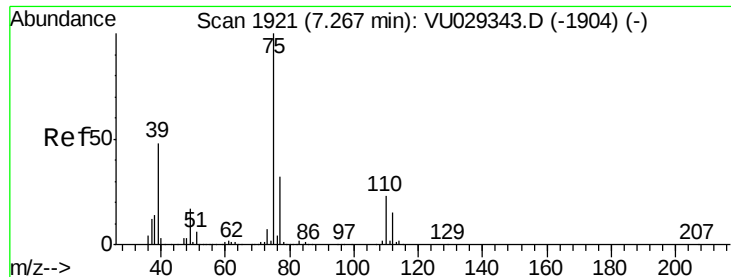
77 31.5 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 1.838 ug/l

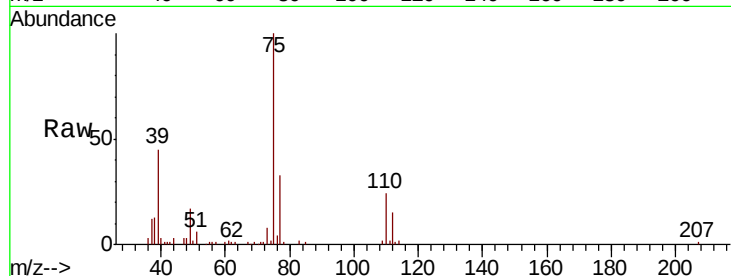
RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion:	75	Resp:	49214
Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.9	37.3
39	43.8	47.2	70.8#

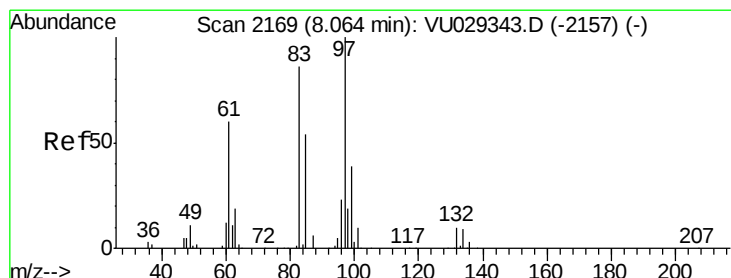
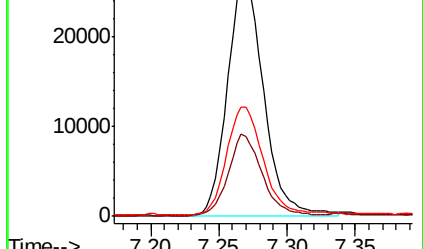
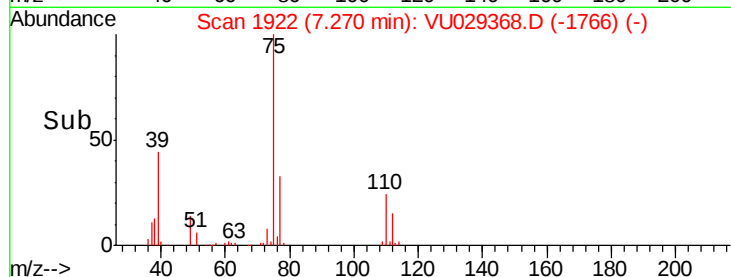


Abundance Ion 75.00 (74.70 to 75.70): VU029343.D (-1904) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1904) (-)

Ion 39.00 (38.70 to 39.70): VU029343.D (-1904) (-)

Time-->



#52

1,1,2-Trichloroethane

Concen: 1.864 ug/l

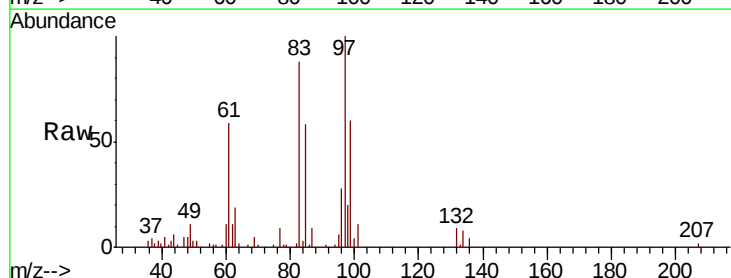
RT: 8.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion:	97	Resp:	22263
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.9	104.9
85	57.8	45.8	68.6
99	60.4	50.2	75.2



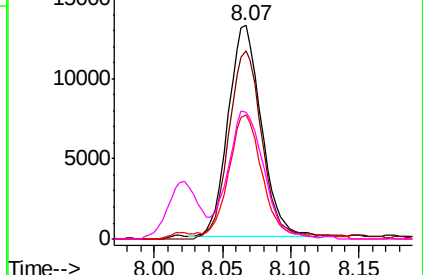
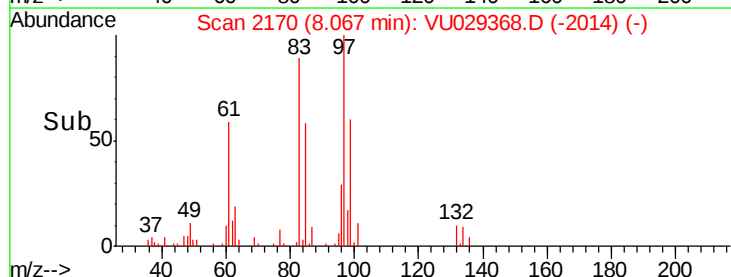
Abundance Ion 97.00 (96.70 to 97.70): VU029343.D (-2157) (-)

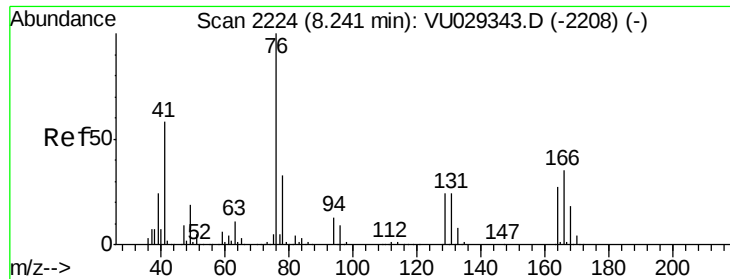
Ion 82.95 (82.65 to 83.65): VU029343.D (-2157) (-)

Ion 84.95 (84.65 to 85.65): VU029343.D (-2157) (-)

Ion 98.95 (98.65 to 99.65): VU029343.D (-2157) (-)

Time-->





#53

1,3-Dichloropropane

Concen: 1.929 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VU029368.D

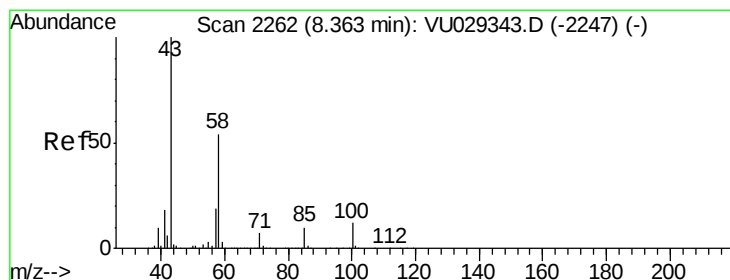
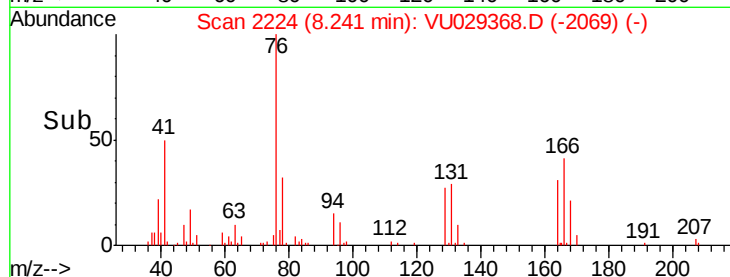
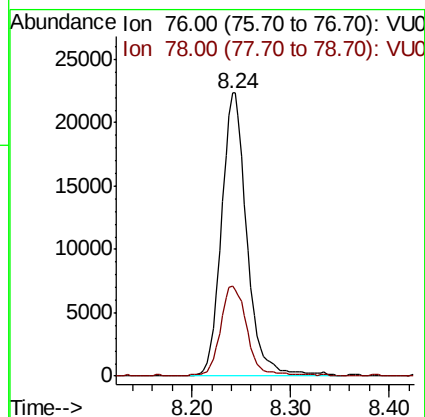
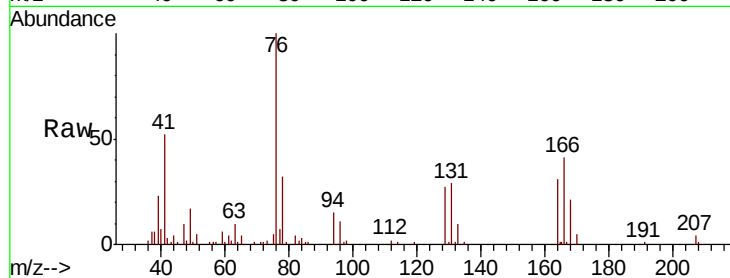
Acq: 07 Feb 2019 13:17

Tgt Ion: 76 Resp: 40483

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#54

2-Hexanone

Concen: 8.536 ug/l

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

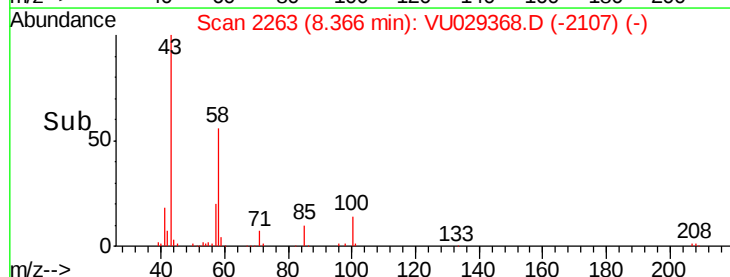
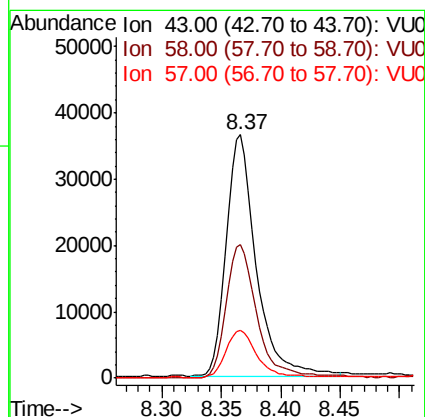
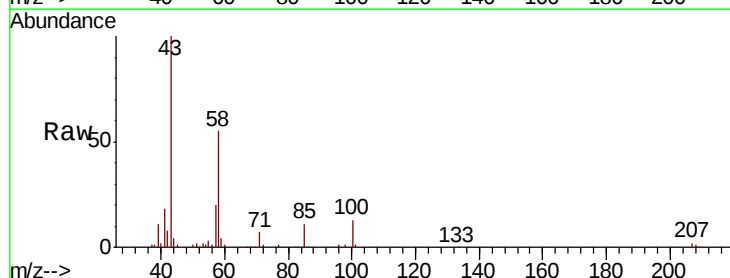
Tgt Ion: 43 Resp: 63288

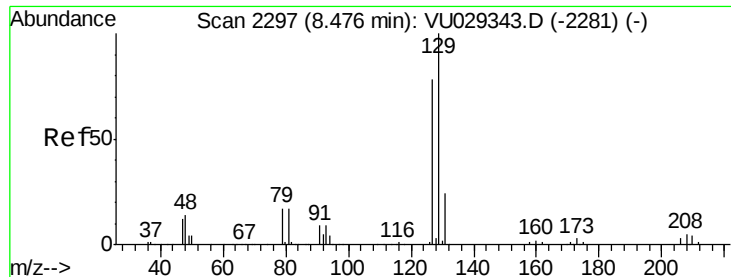
Ion Ratio Lower Upper

43 100

58 56.7 26.0 66.0

57 21.7 0.0 37.7





#55

Dibromochloromethane

Concen: 1.917 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. -0.00 min

Lab File: VU029368.D

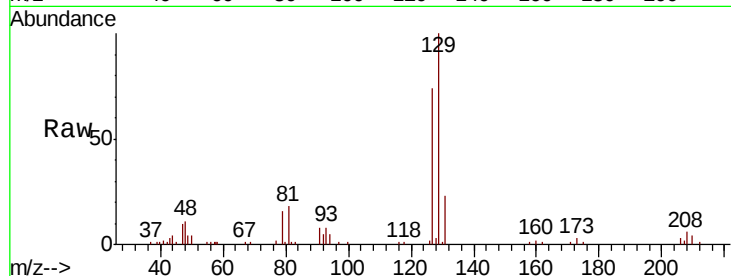
Acq: 07 Feb 2019 13:17

Tgt Ion:129 Resp: 32543

Ion Ratio Lower Upper

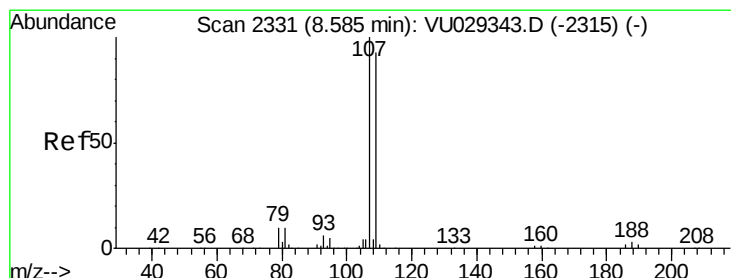
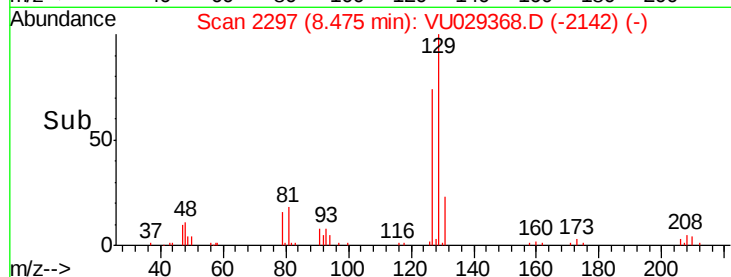
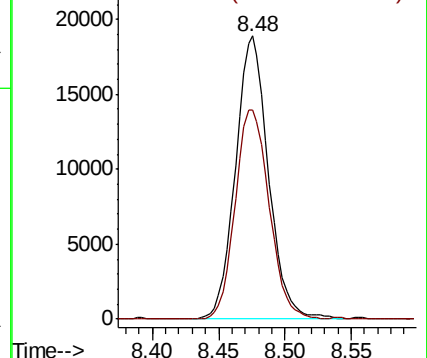
129 100

127 76.3 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.924 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU029368.D

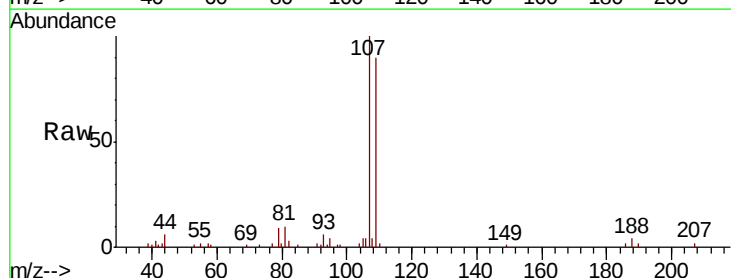
Acq: 07 Feb 2019 13:17

Tgt Ion:107 Resp: 23580

Ion Ratio Lower Upper

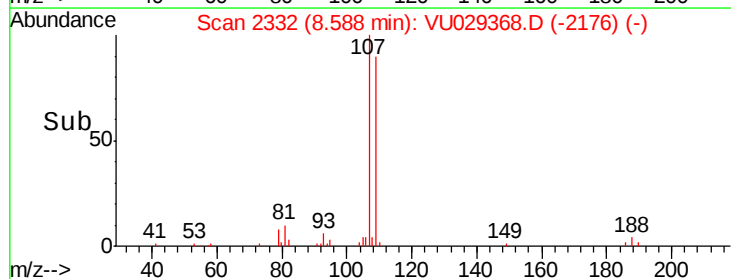
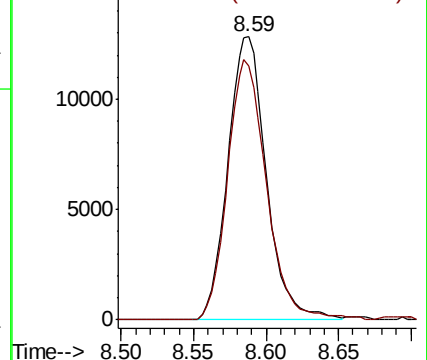
107 100

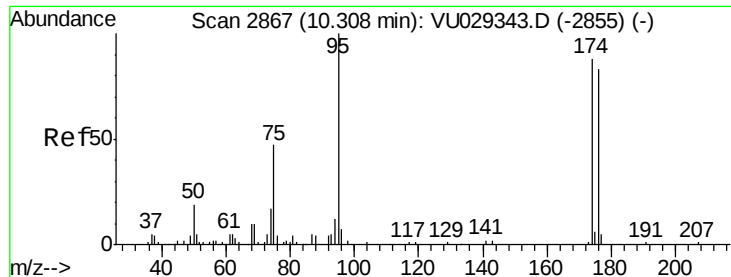
109 93.3 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

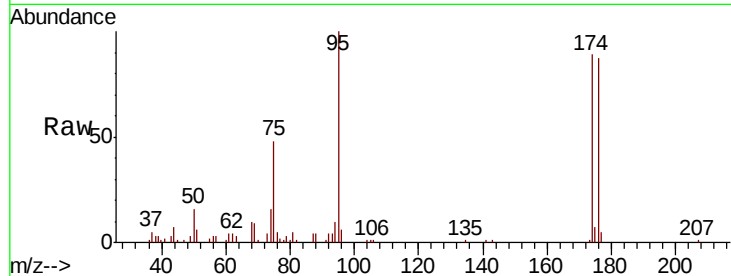
Ion 109.00 (108.70 to 109.70): V



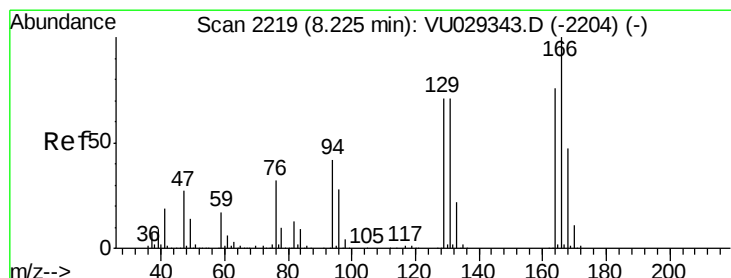
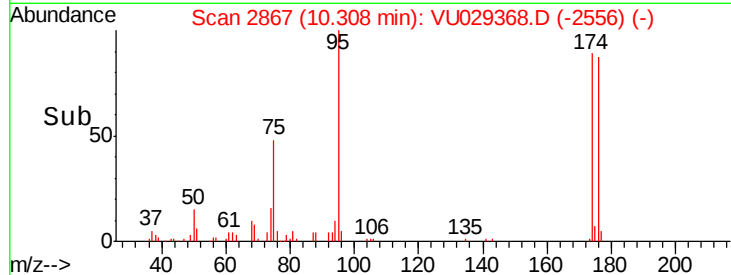
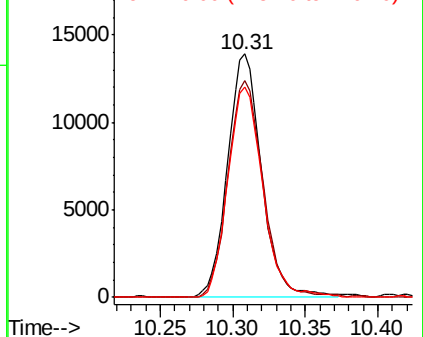


#57
4-Bromofluorobenzene
Concen: 1.924 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 95 Resp: 22644
Ion Ratio Lower Upper
95 100
174 91.7 64.2 96.2
176 88.6 62.3 93.5

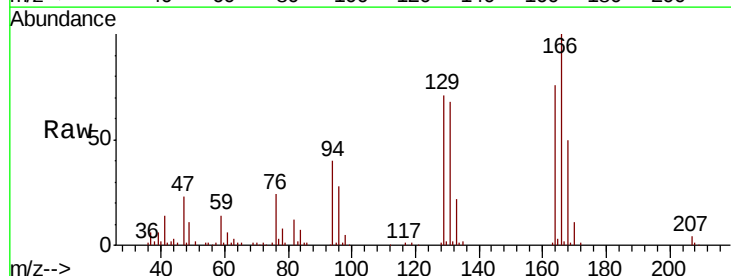


Abundance Ion 95.00 (94.70 to 95.70): VU029368.D (-2556) (-)
Ion 174.00 (173.70 to 174.70): VU029368.D (-2556) (-)
Ion 176.00 (175.70 to 176.70): VU029368.D (-2556) (-)

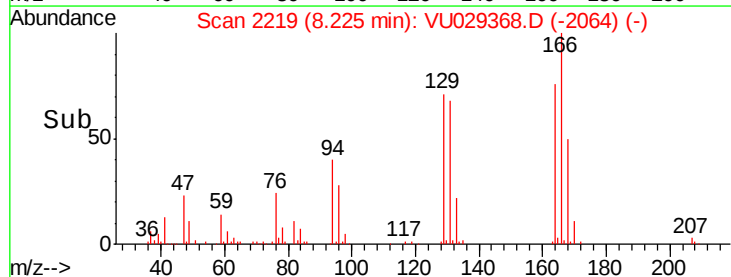
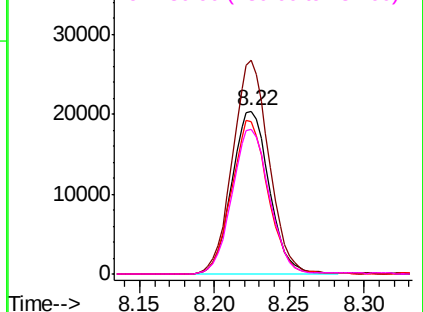


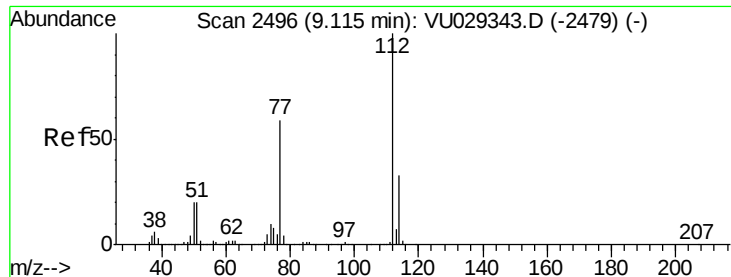
#58
Tetrachloroethene
Concen: 2.041 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 164 Resp: 35475
Ion Ratio Lower Upper
164 100
166 131.4 106.6 159.8
129 93.6 79.9 119.9
131 89.1 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029368.D (-2064) (-)
Ion 165.80 (165.50 to 166.50): VU029368.D (-2064) (-)
Ion 128.90 (128.60 to 129.60): VU029368.D (-2064) (-)
Ion 130.90 (130.60 to 131.60): VU029368.D (-2064) (-)





#59

Chlorobenzene

Concen: 1.980 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029368.D

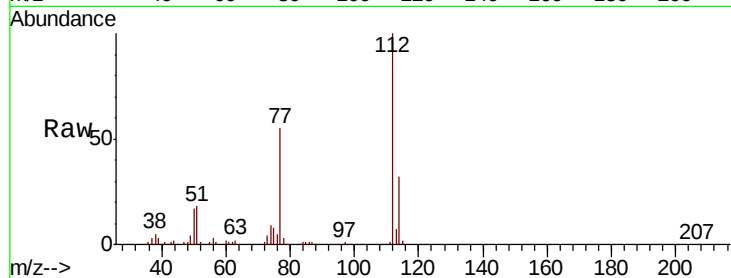
Acq: 07 Feb 2019 13:17

Tgt Ion:112 Resp: 92890

Ion Ratio Lower Upper

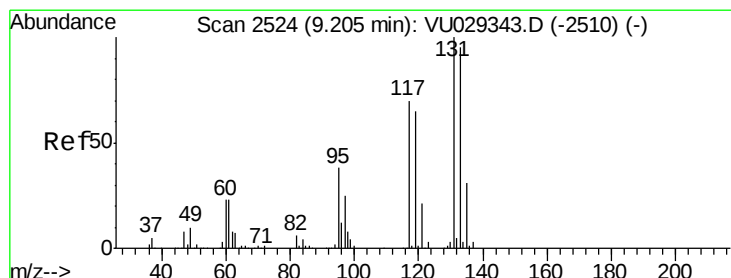
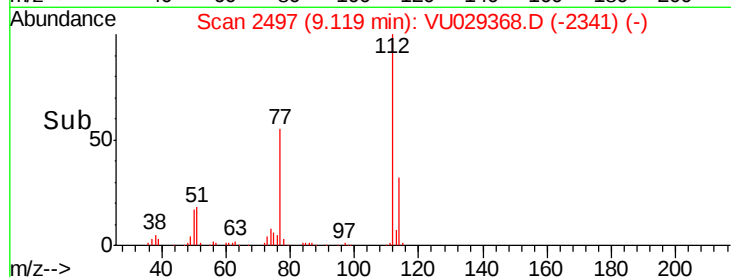
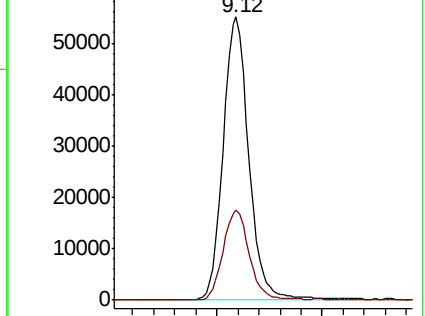
112 100

114 31.8 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.011 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

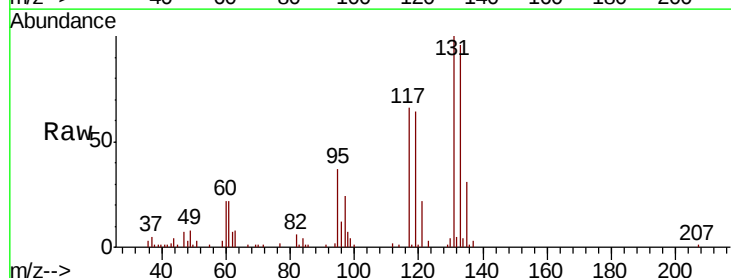
Tgt Ion:131 Resp: 34869

Ion Ratio Lower Upper

131 100

133 95.2 77.3 115.9

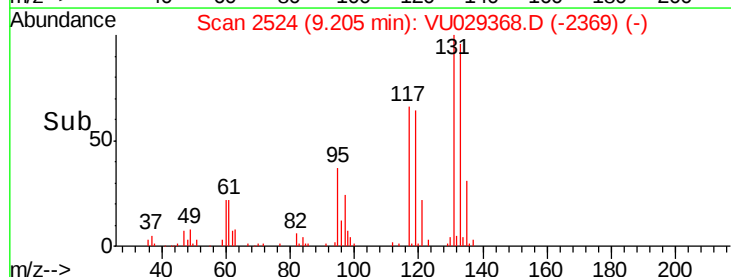
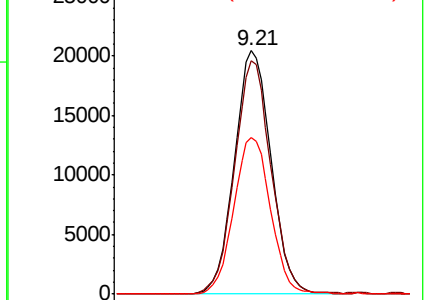
119 64.3 48.9 73.3

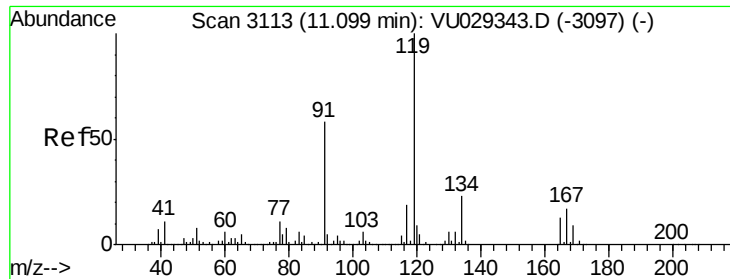


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.931 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029368.D

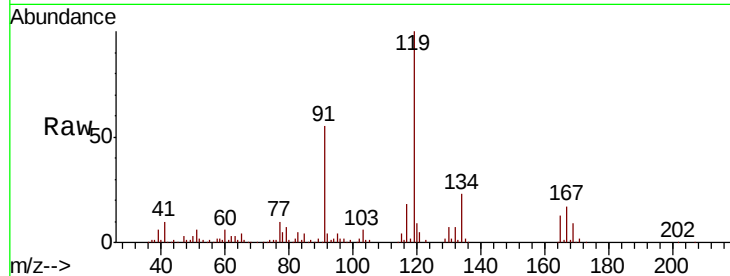
Acq: 07 Feb 2019 13:17

Tgt Ion:117 Resp: 25952

Ion Ratio Lower Upper

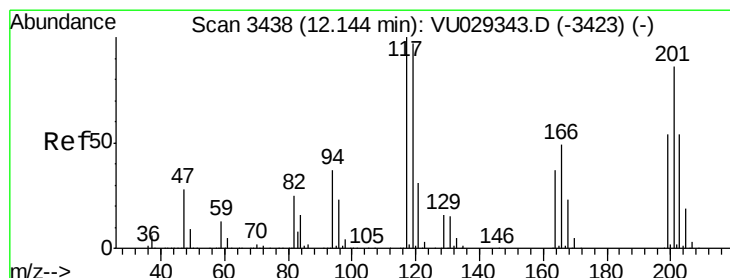
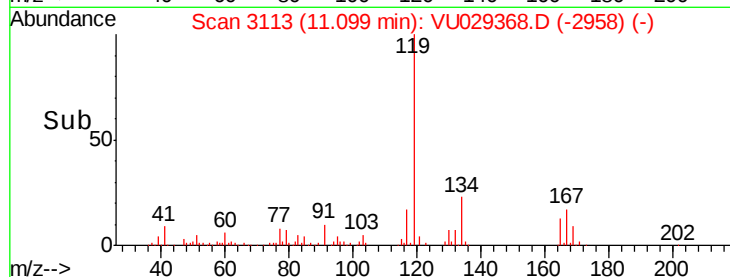
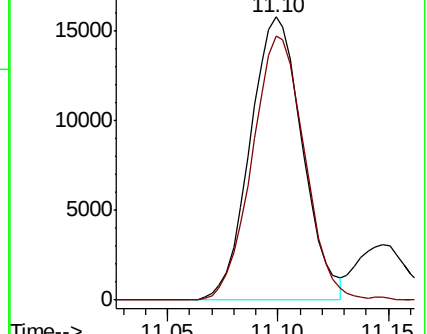
117 100

167 93.6 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.886 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VU029368.D

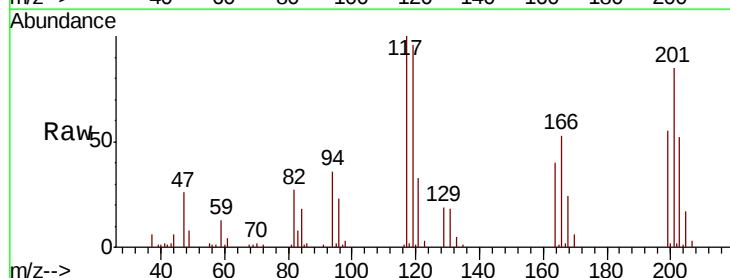
Acq: 07 Feb 2019 13:17

Tgt Ion:117 Resp: 27655

Ion Ratio Lower Upper

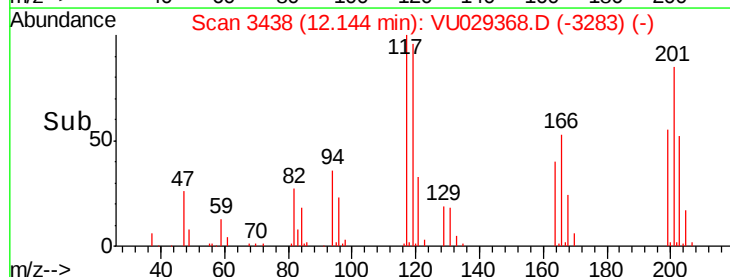
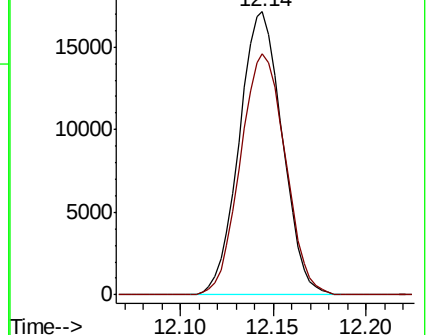
117 100

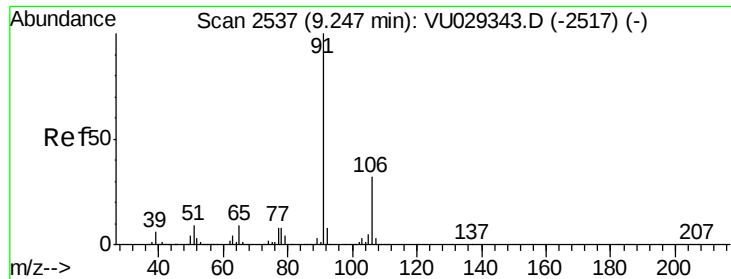
201 88.7 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.914 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029368.D

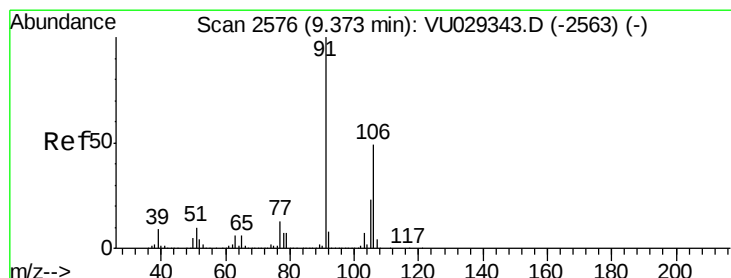
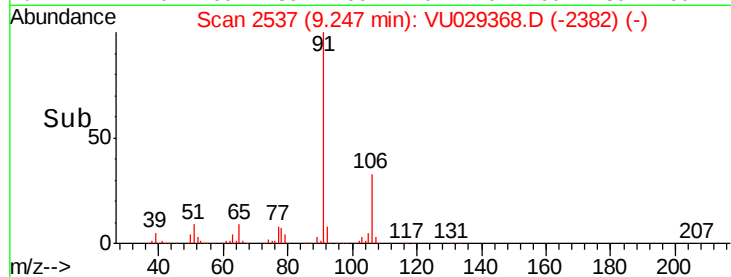
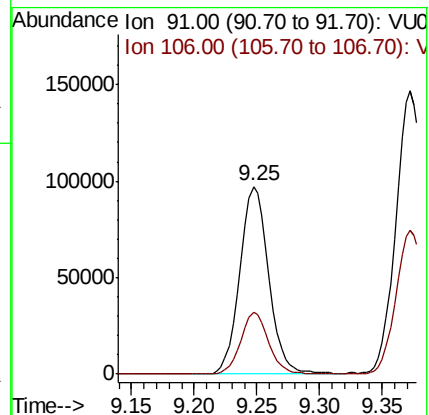
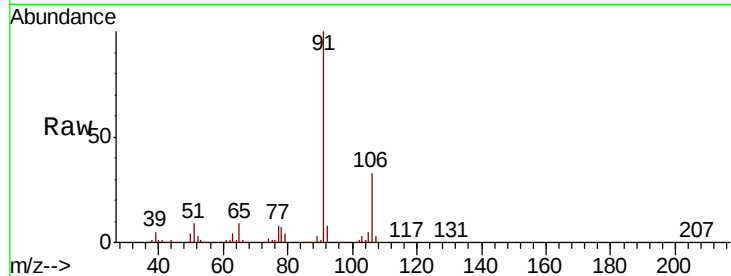
Acq: 07 Feb 2019 13:17

Tgt Ion: 91 Resp: 155972

Ion Ratio Lower Upper

91 100

106 32.8 23.8 35.6



#64

m/p-Xylenes

Concen: 3.930 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU029368.D

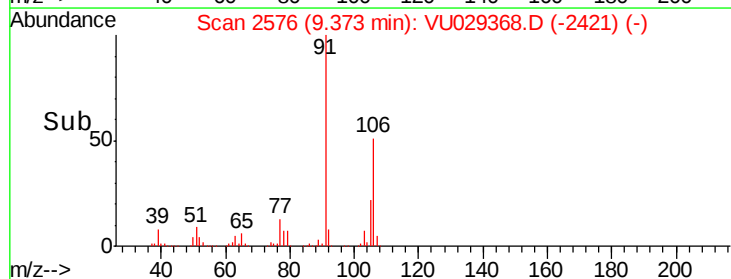
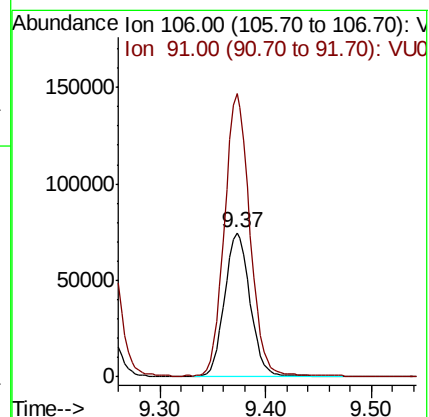
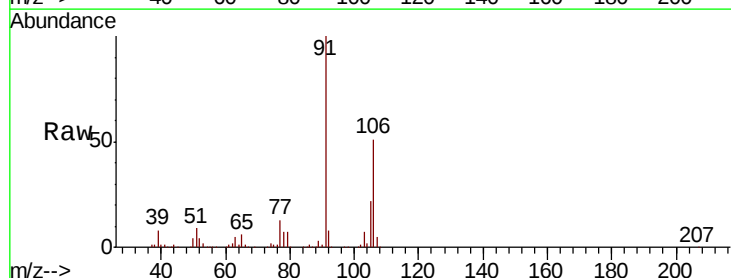
Acq: 07 Feb 2019 13:17

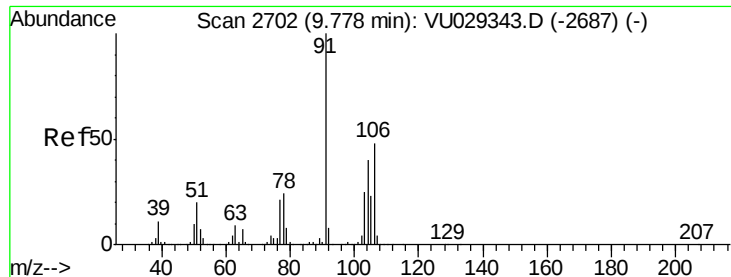
Tgt Ion: 106 Resp: 124453

Ion Ratio Lower Upper

106 100

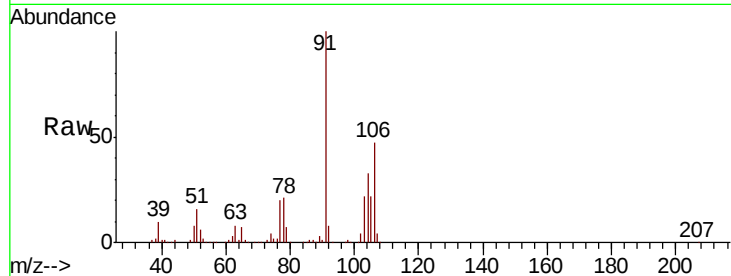
91 194.7 174.6 261.8



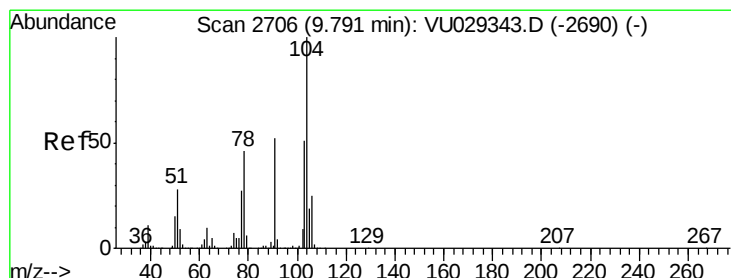
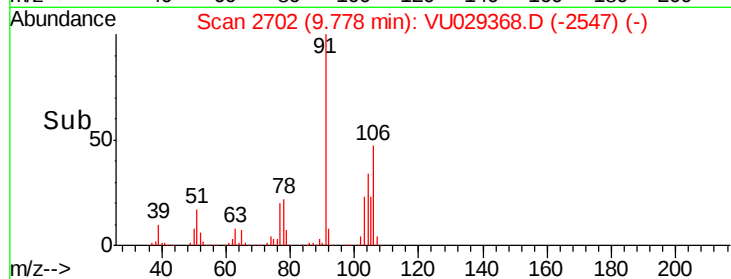
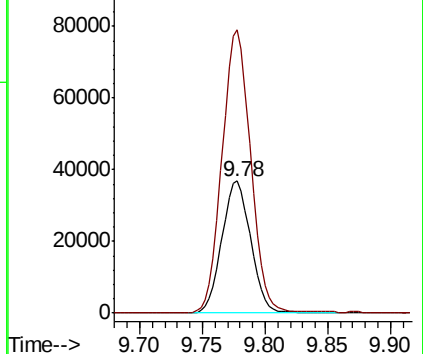


#65
o-Xylene
Concen: 1.900 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:106 Resp: 59055
Ion Ratio Lower Upper
106 100
91 212.9 114.5 343.4

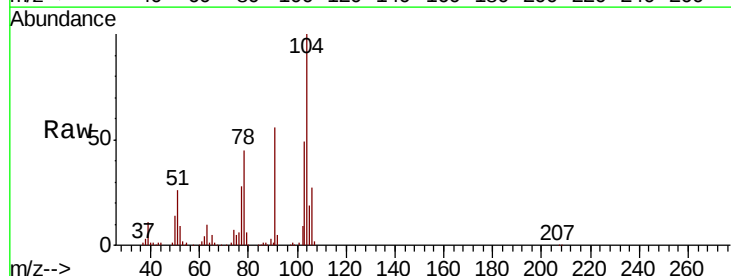


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

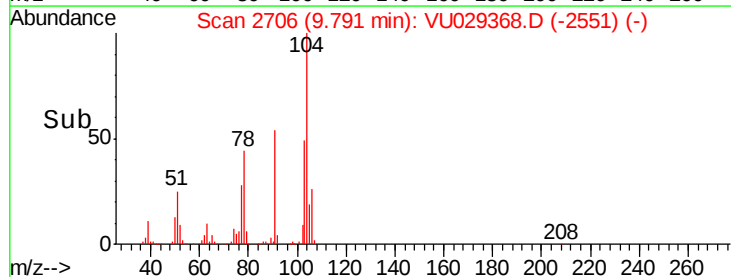
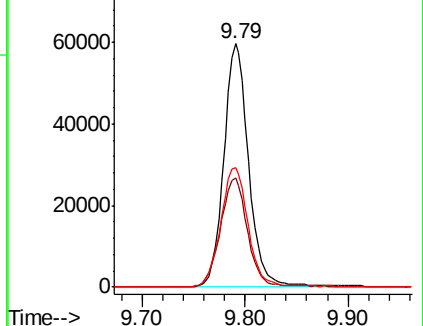


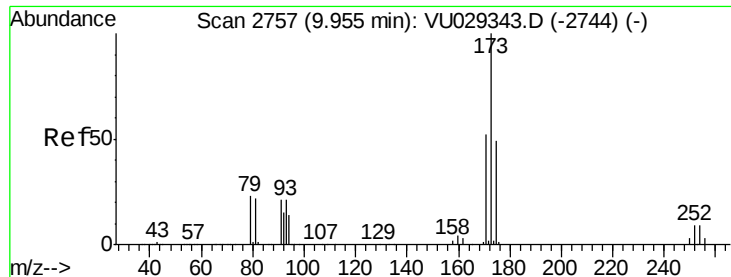
#66
Styrene
Concen: 1.927 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:104 Resp: 99830
Ion Ratio Lower Upper
104 100
78 49.1 46.5 69.7
103 54.1 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.922 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

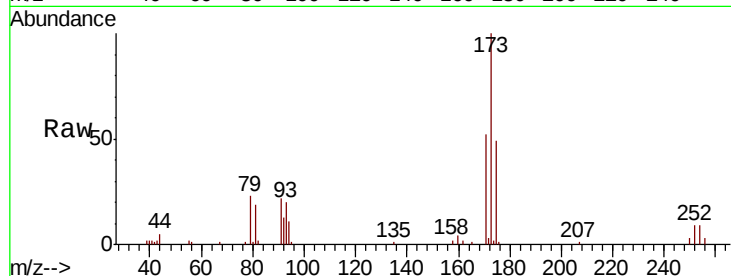
Tgt Ion:173 Resp: 20305

Ion Ratio Lower Upper

173 100

175 48.5 38.9 58.3

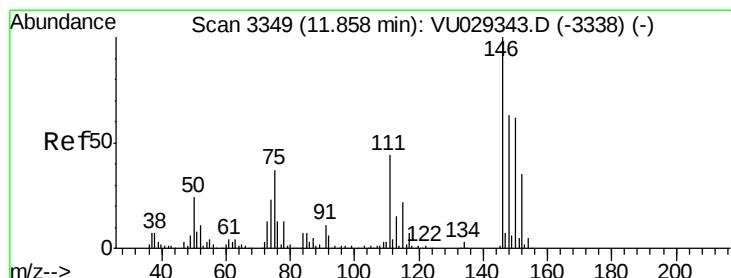
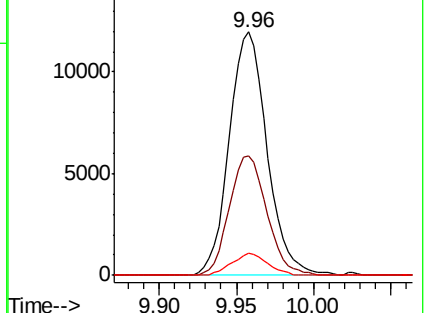
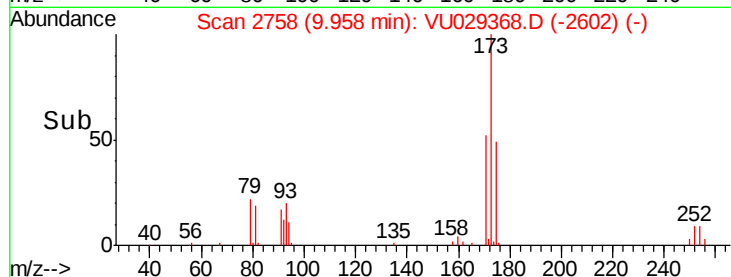
254 8.5 7.4 11.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.922 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

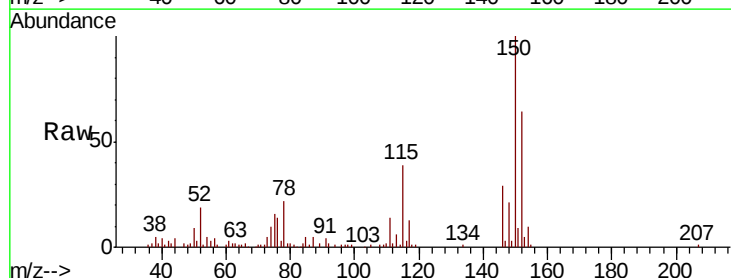
Tgt Ion:152 Resp: 24323

Ion Ratio Lower Upper

152 100

115 69.7 0.0 133.4

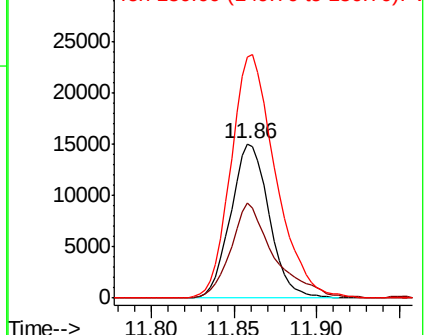
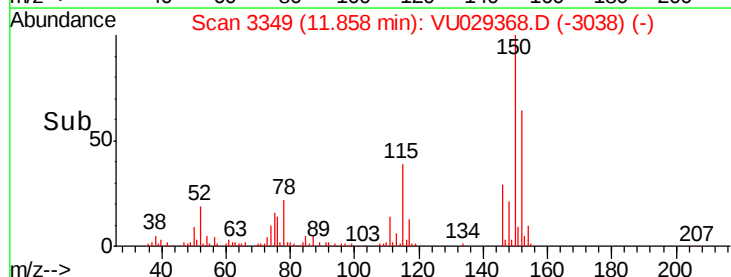
150 183.7 0.0 670.8

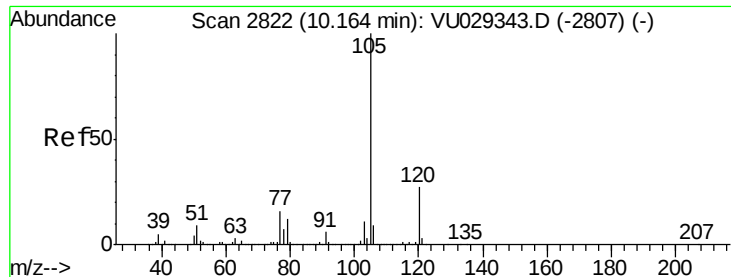


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.941 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029368.D

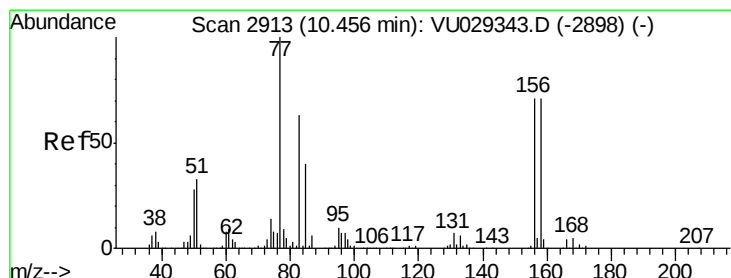
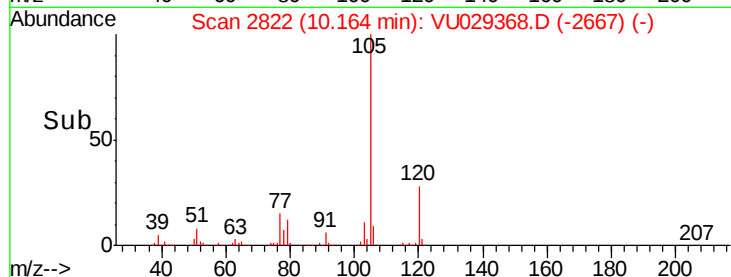
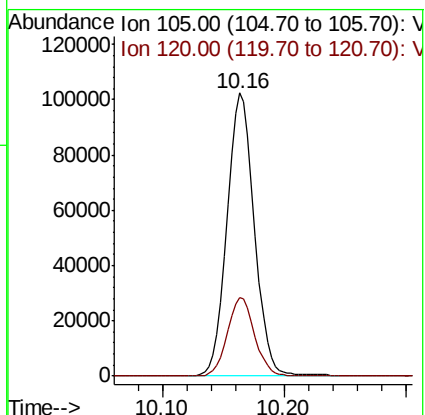
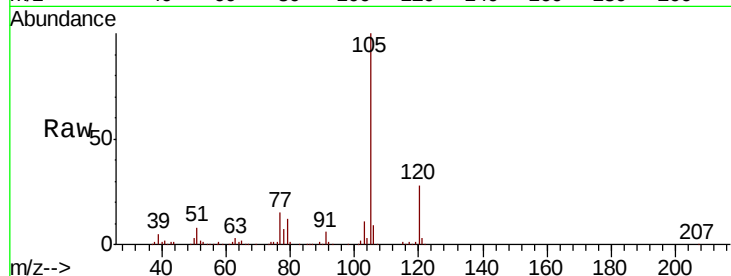
Acq: 07 Feb 2019 13:17

Tgt Ion: 105 Resp: 161142

Ion Ratio Lower Upper

105 100

120 27.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.918 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

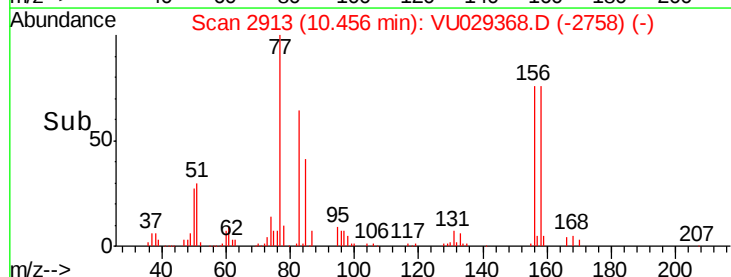
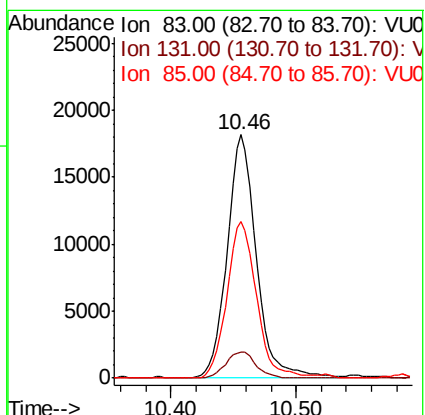
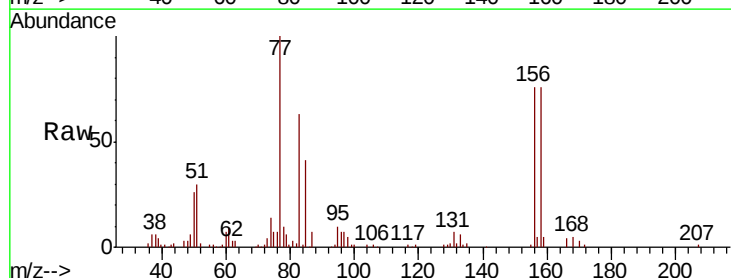
Tgt Ion: 83 Resp: 29366

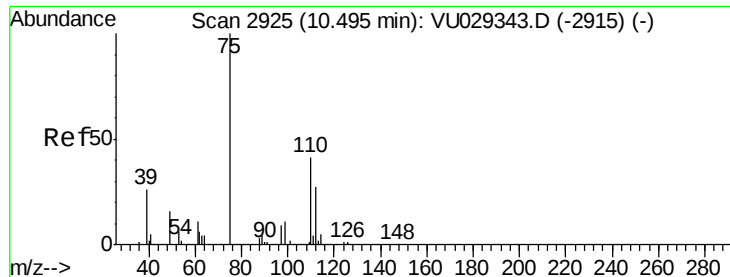
Ion Ratio Lower Upper

83 100

131 11.0 8.1 12.1

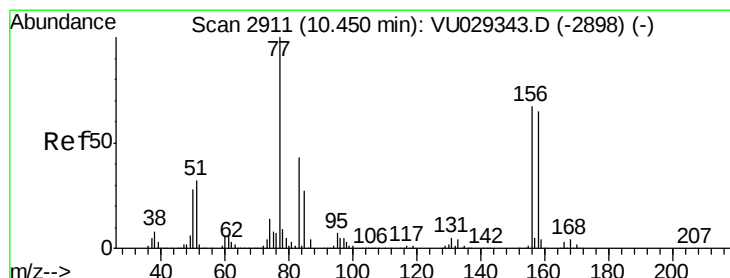
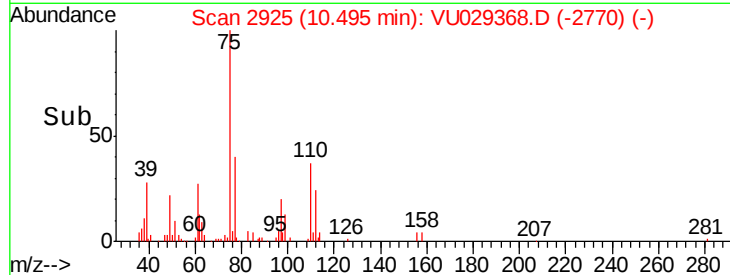
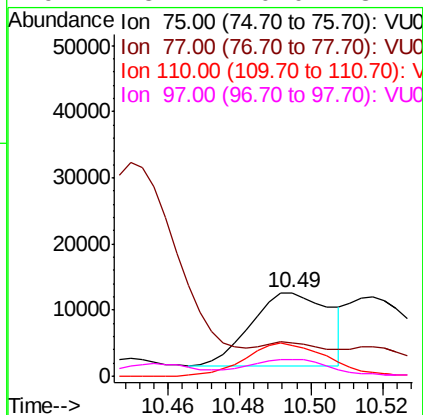
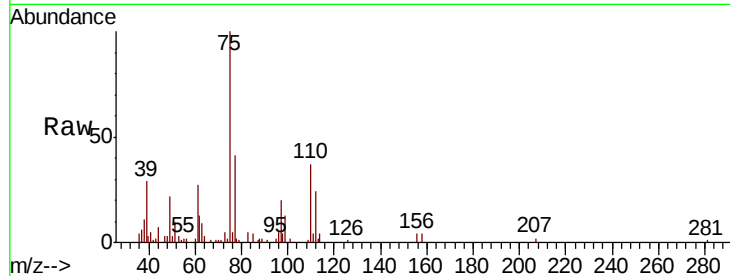
85 65.2 50.3 75.5





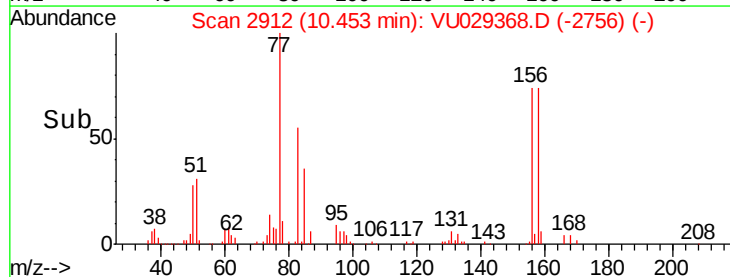
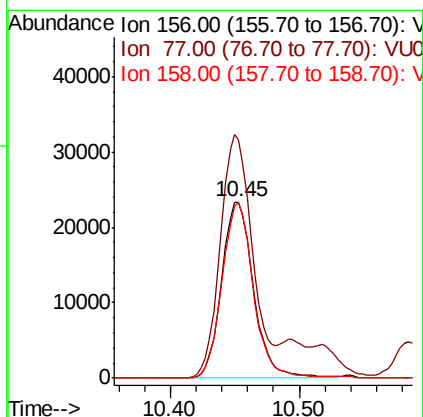
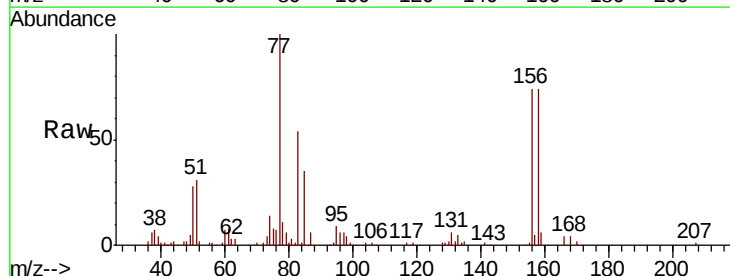
#71
1,2,3-Trichloropropane
Concen: 1.603 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

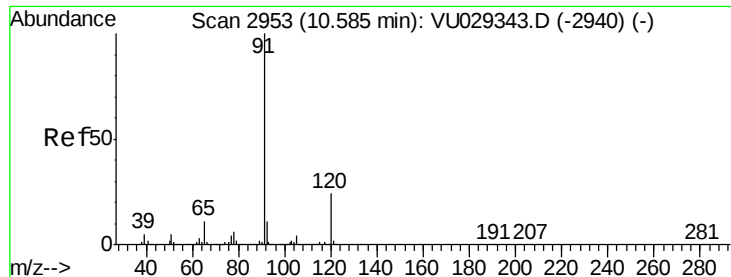
Tgt Ion:	75	Resp:	16855
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	47.5	0.0	63.6
97	25.7	0.0	31.4



#72
Bromobenzene
Concen: 1.991 ug/l
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

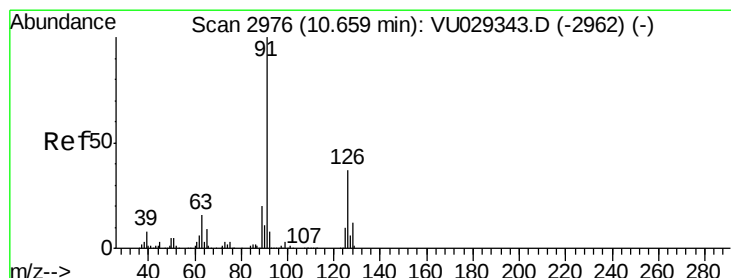
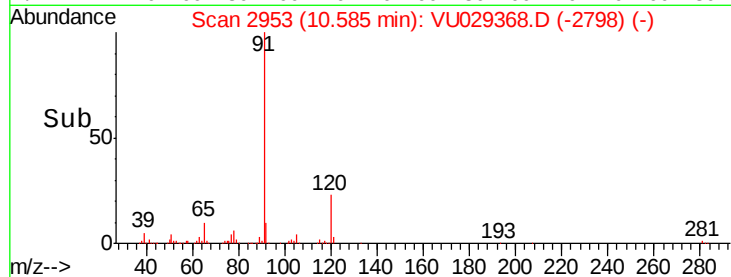
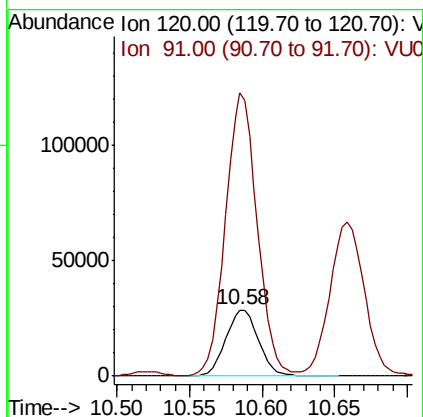
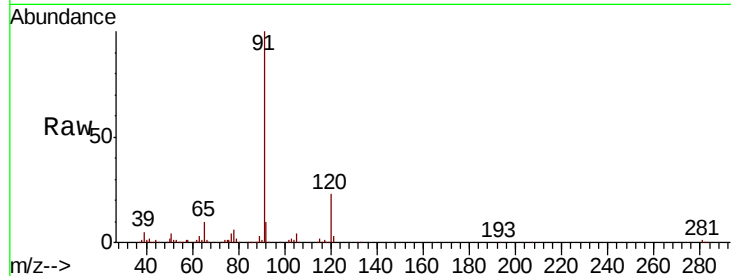
Tgt Ion:	156	Resp:	40078
Ion	Ratio	Lower	Upper
156	100		
77	139.4	0.0	343.8
158	97.7	0.0	195.0





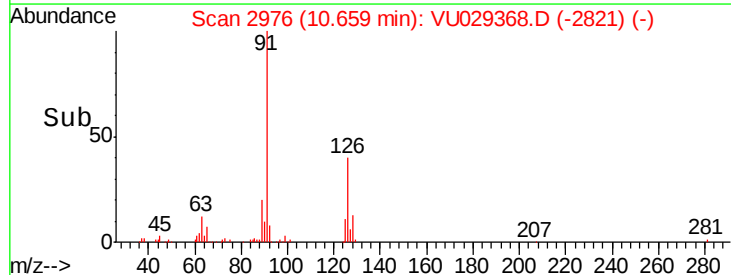
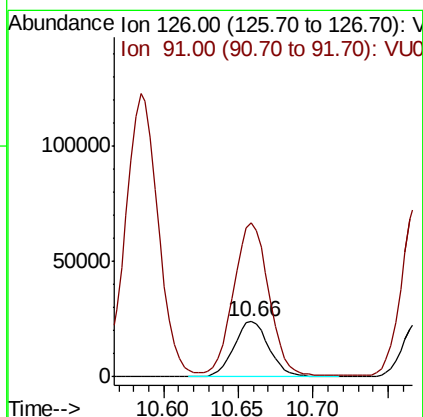
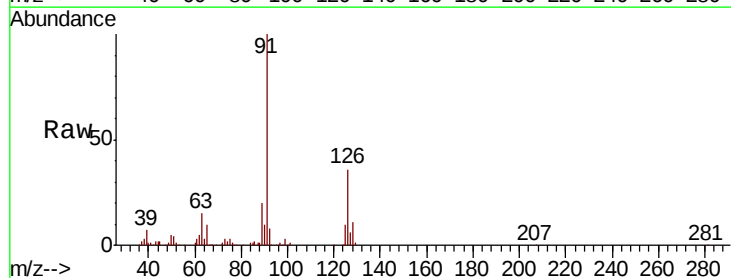
#73
n-propylbenzene
Concen: 1.948 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

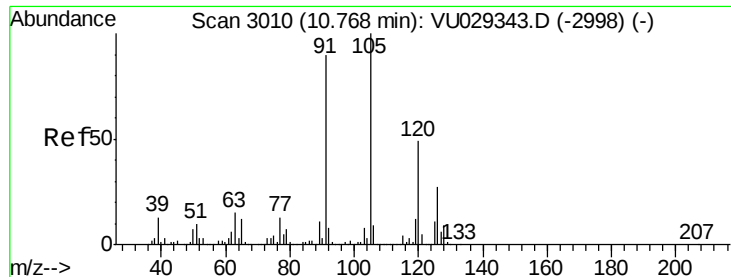
Tgt Ion:120 Resp: 45061
Ion Ratio Lower Upper
120 100
91 410.0 370.0 555.0



#74
2-Chlorotoluene
Concen: 1.992 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:126 Resp: 39229
Ion Ratio Lower Upper
126 100
91 277.7 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 1.903 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029368.D

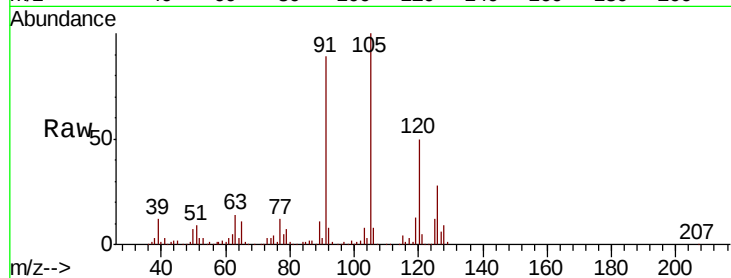
Acq: 07 Feb 2019 13:17

Tgt Ion:105 Resp: 136261

Ion Ratio Lower Upper

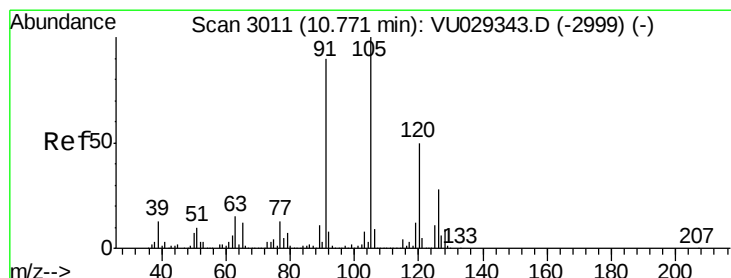
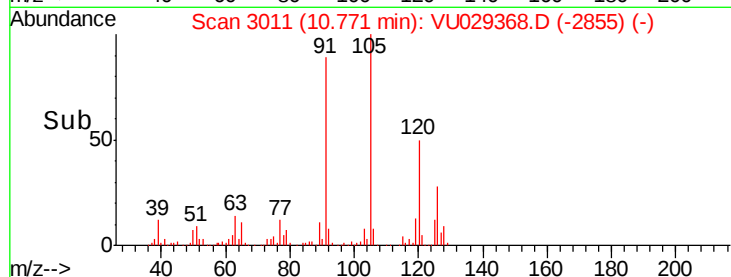
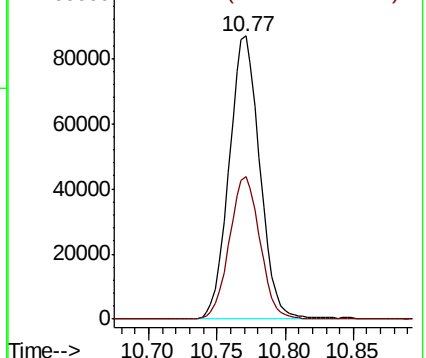
105 100

120 49.9 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.892 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. -0.00 min

Lab File: VU029368.D

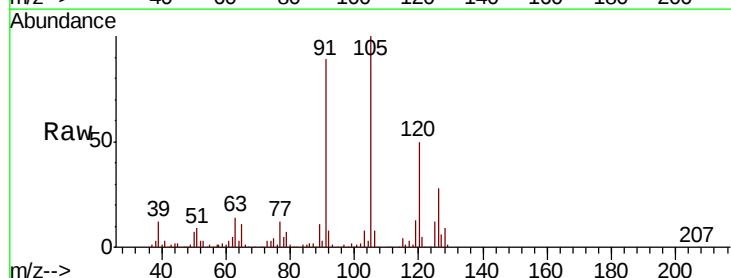
Acq: 07 Feb 2019 13:17

Tgt Ion:126 Resp: 38665

Ion Ratio Lower Upper

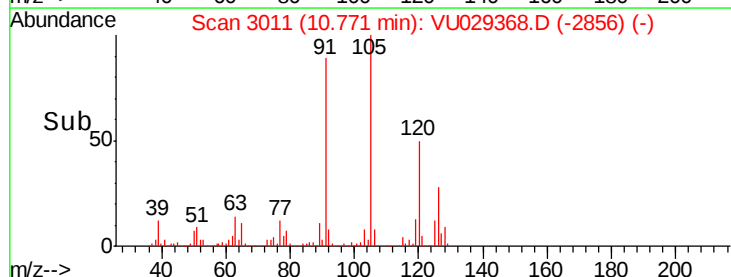
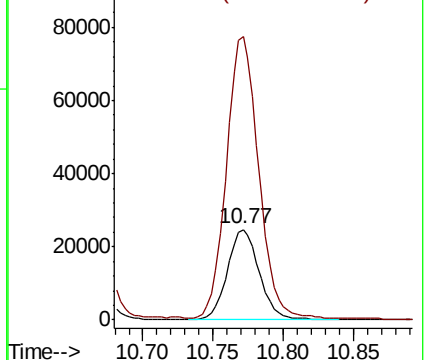
126 100

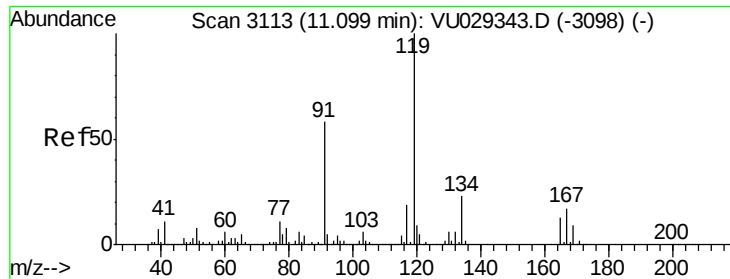
91 316.8 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

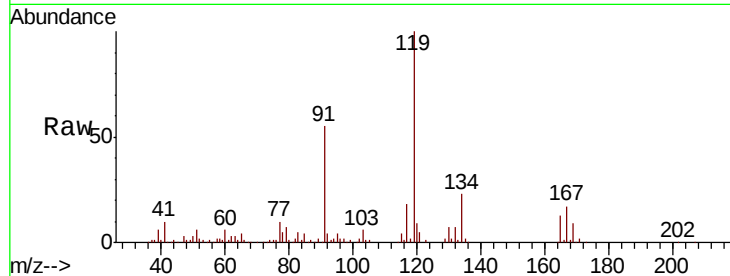
Ion 91.00 (90.70 to 91.70): VU0



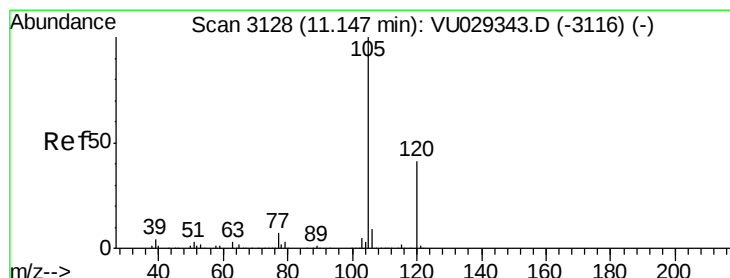
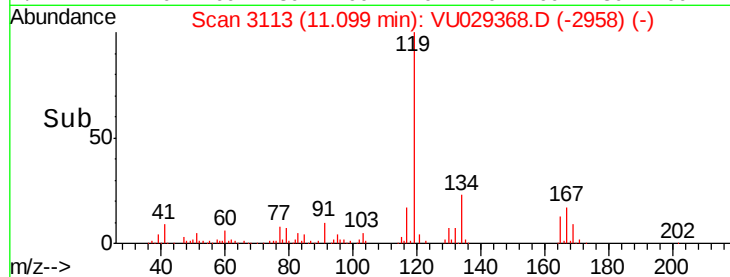
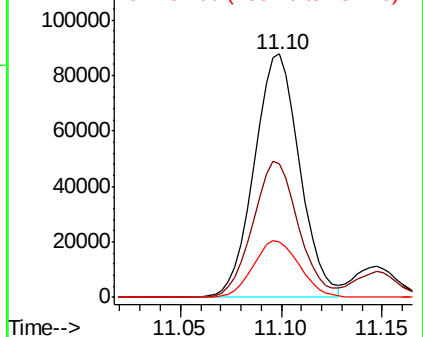


#77
 tert-Butylbenzene
 Concen: 1.950 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:119 Resp: 137985
 Ion Ratio Lower Upper
 119 100
 91 55.8 32.2 96.6
 134 23.7 17.6 26.4

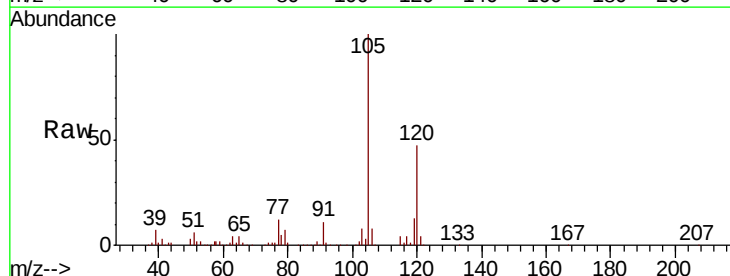


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

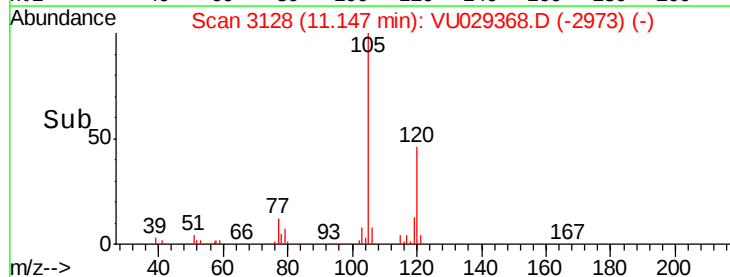
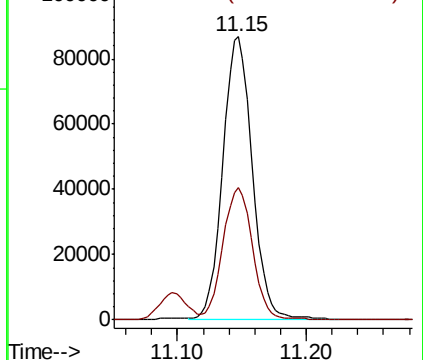


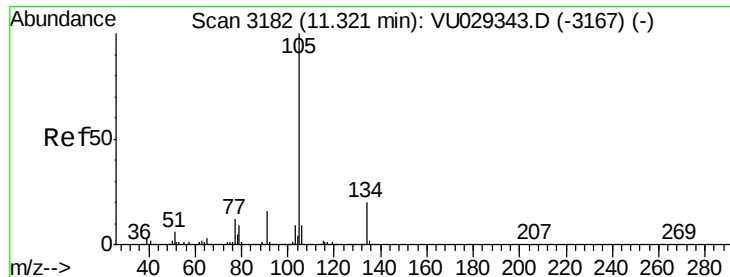
#78
 1,2,4-Trimethylbenzene
 Concen: 1.888 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:105 Resp: 136827
 Ion Ratio Lower Upper
 105 100
 120 47.5 21.4 64.3



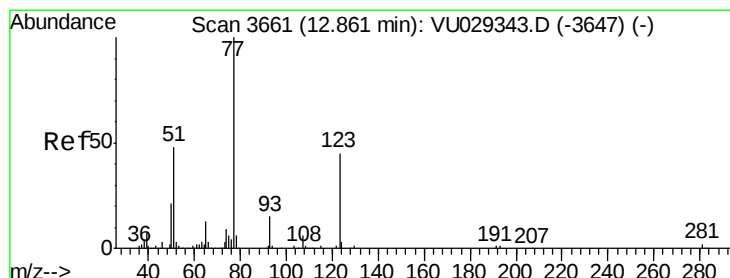
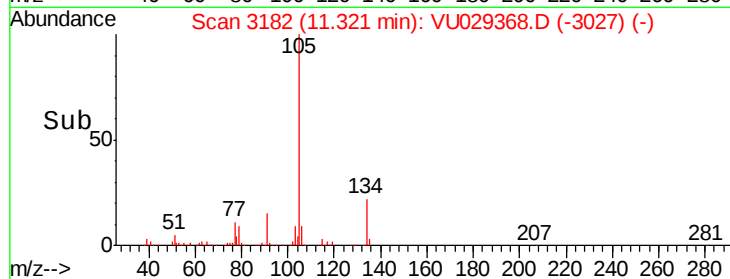
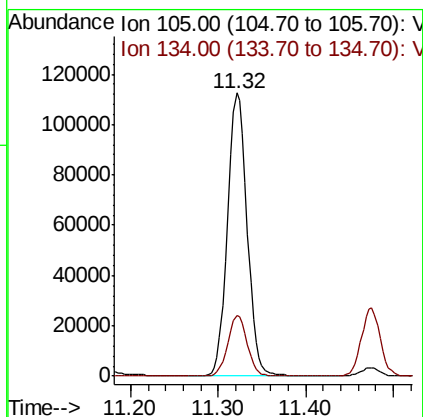
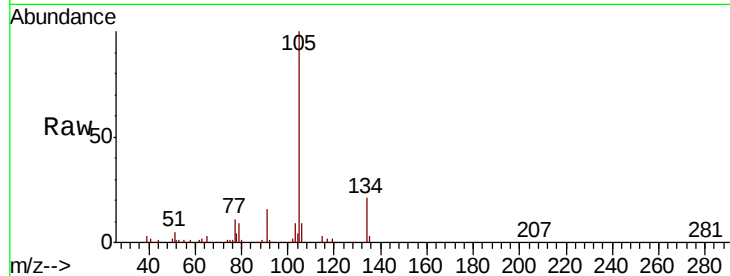
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





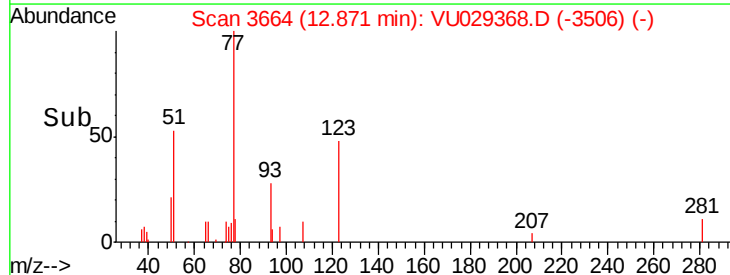
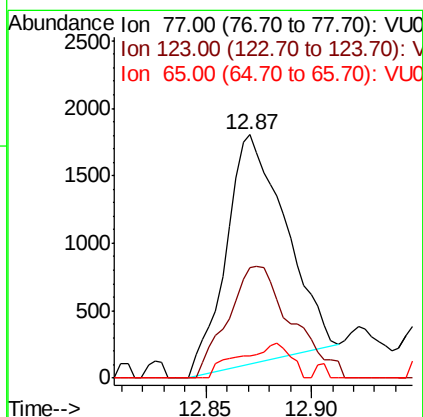
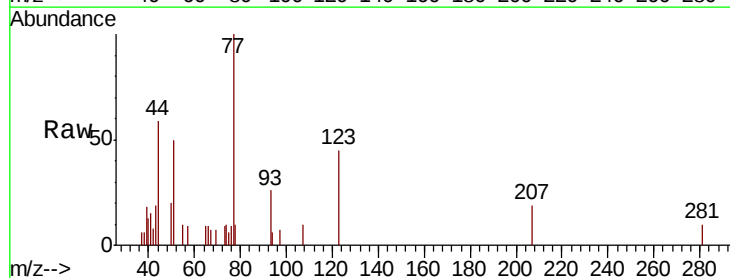
#79
 sec-Butylbenzene
 Concen: 1.899 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

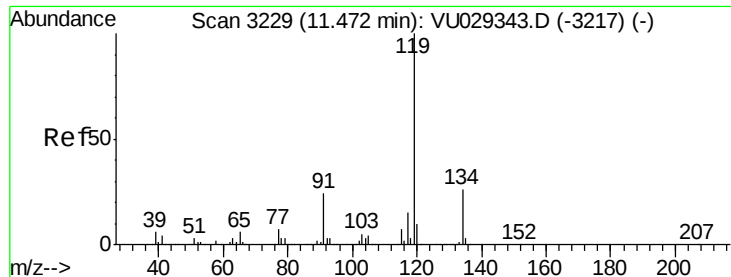
Tgt Ion: 105 Resp: 175817
 Ion Ratio Lower Upper
 105 100
 134 21.1 15.0 22.6



#80
 Nitrobenzene
 Concen: 4.896 ug/l
 RT: 12.87 min Scan# 3664
 Delta R.T. 0.01 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

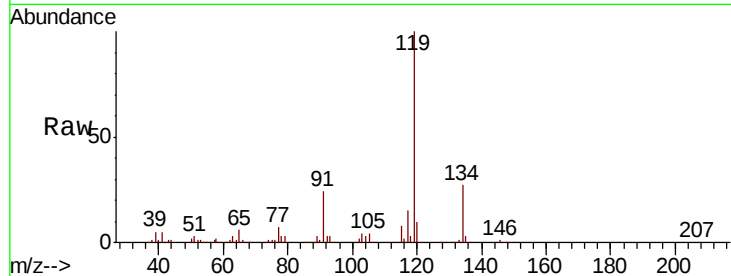
Tgt Ion: 77 Resp: 3340
 Ion Ratio Lower Upper
 77 100
 123 52.2 17.5 61.9
 65 12.9 10.8 13.8



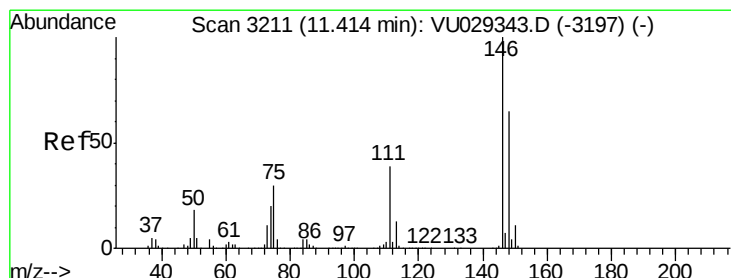
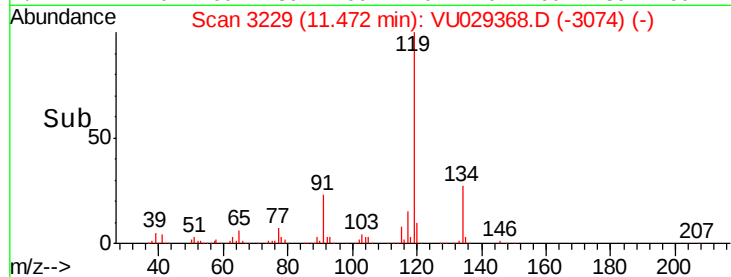
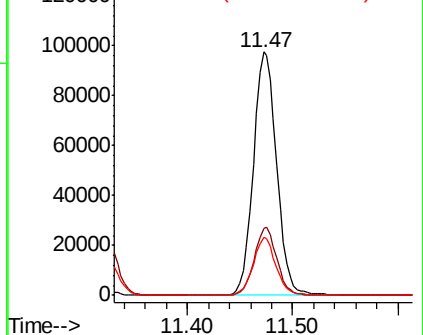


#81
p-Isopropyltoluene
Concen: 1.919 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	19.8	29.6
91	23.3	21.5	32.3

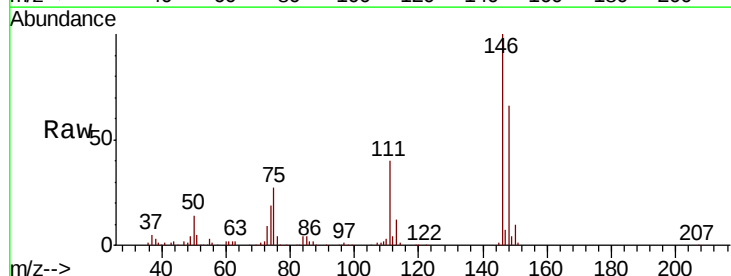


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

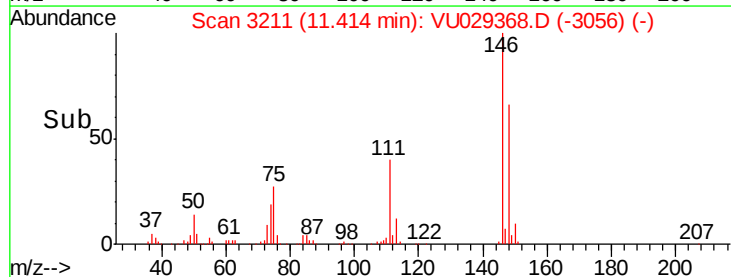
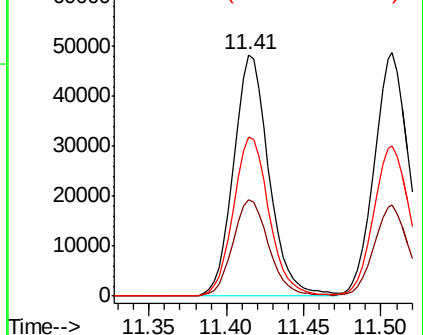


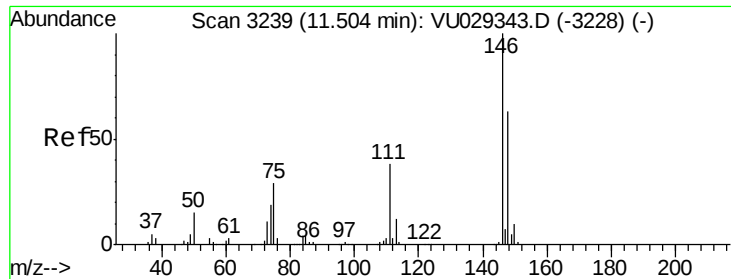
#82
1,3-Dichlorobenzene
Concen: 1.946 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	34.1	51.1
148	66.5	52.3	78.5



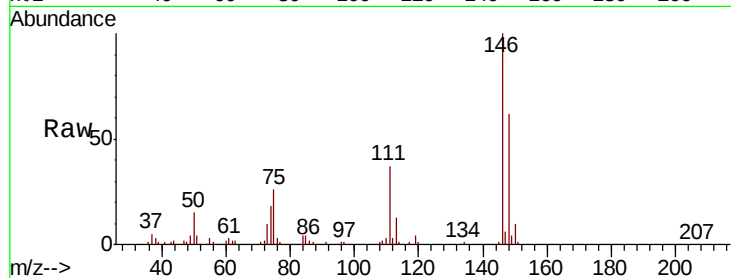
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



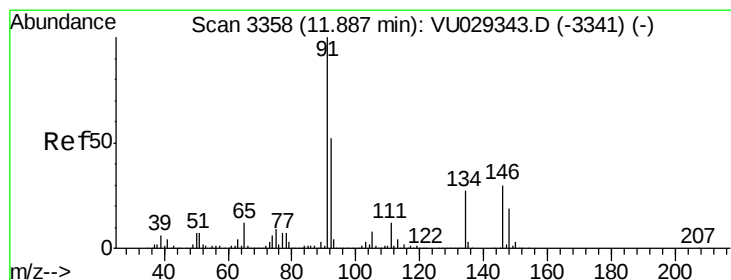
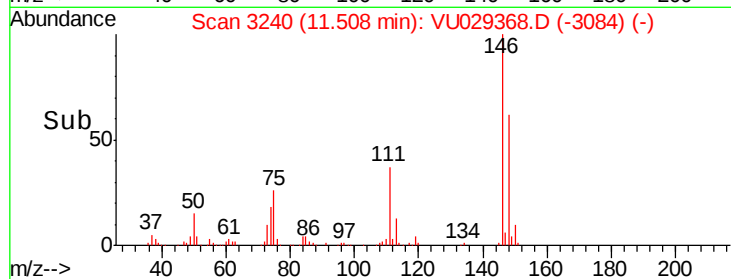
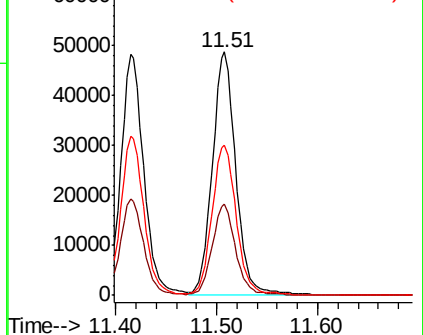


#83
 1,4-Dichlorobenzene
 Concen: 2.020 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 146 Resp: 79456
 Ion Ratio Lower Upper
 146 100
 111 37.2 32.9 49.3
 148 62.8 51.8 77.6

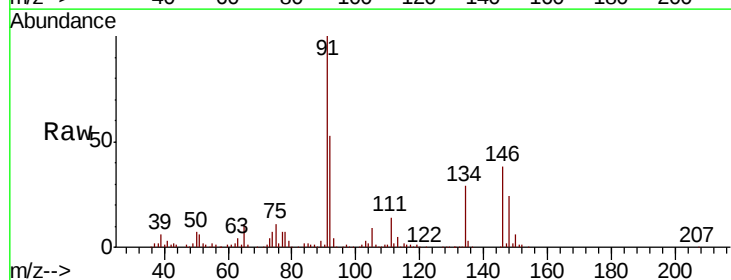


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

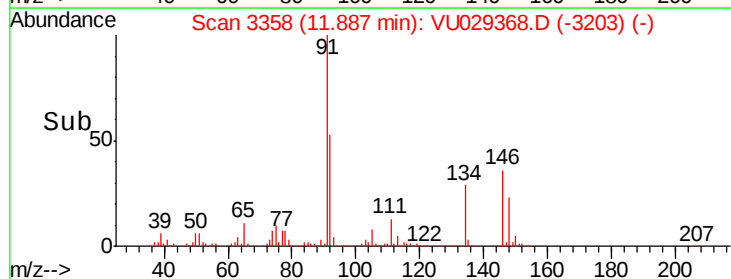
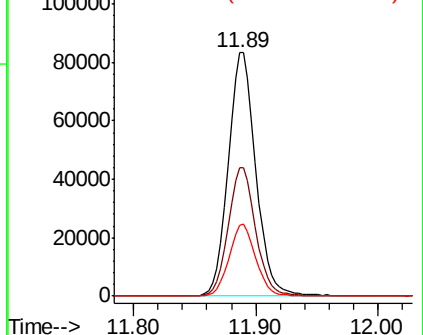


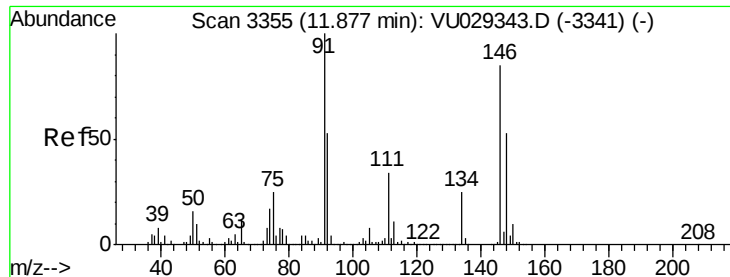
#84
 n-Butylbenzene
 Concen: 1.834 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 91 Resp: 132088
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.0 61.6
 134 28.5 19.1 28.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.936 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

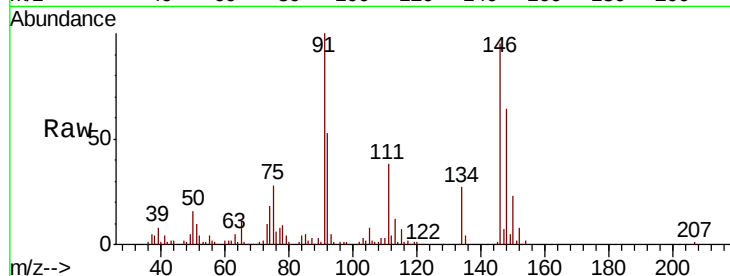
Tgt Ion: 146 Resp: 72274

Ion Ratio Lower Upper

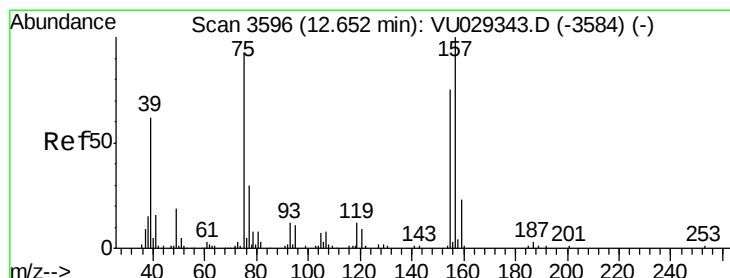
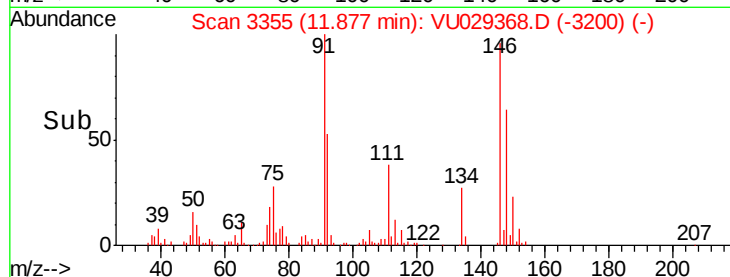
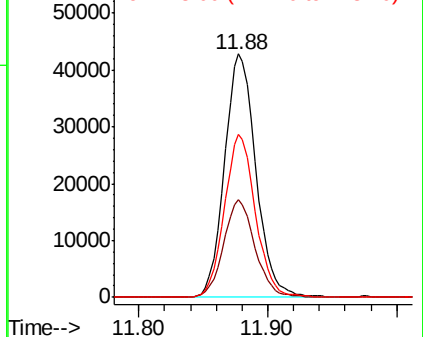
146 100

111 40.1 21.9 65.8

148 66.0 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.676 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

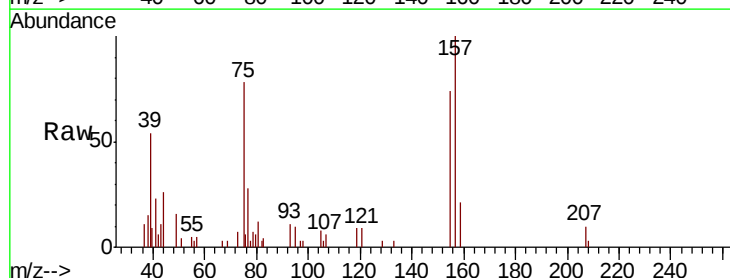
Tgt Ion: 75 Resp: 4790

Ion Ratio Lower Upper

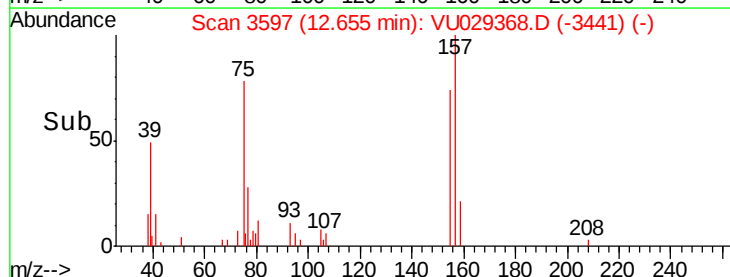
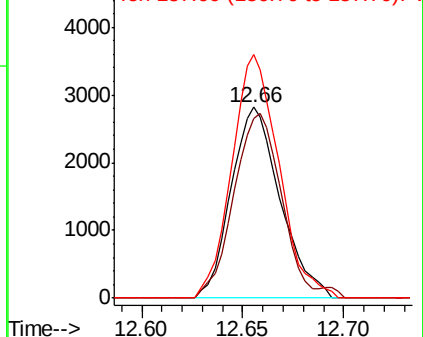
75 100

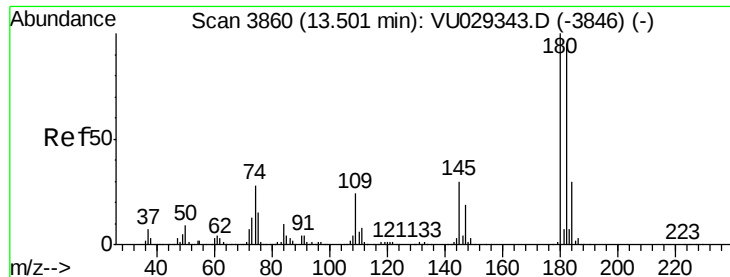
155 93.3 53.8 80.8#

157 122.3 69.2 103.8#



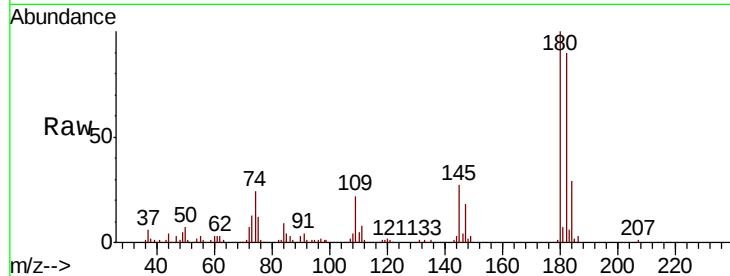
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V



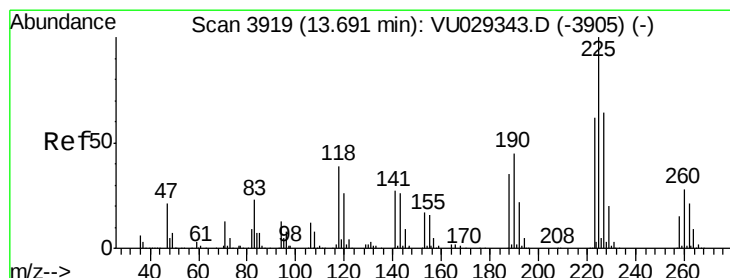
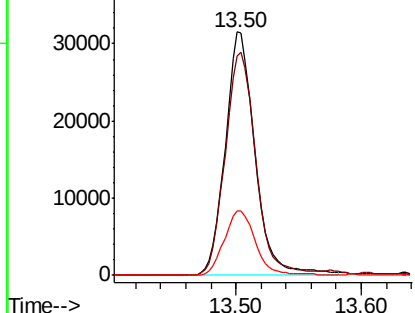
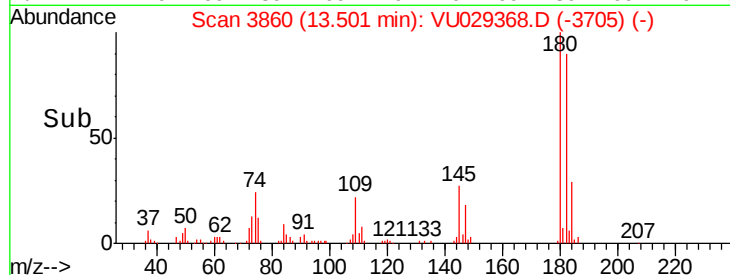


#87
 1,2,4-Trichlorobenzene
 Concen: 1.980 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:180 Resp: 51929
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 145 27.6 24.6 36.8

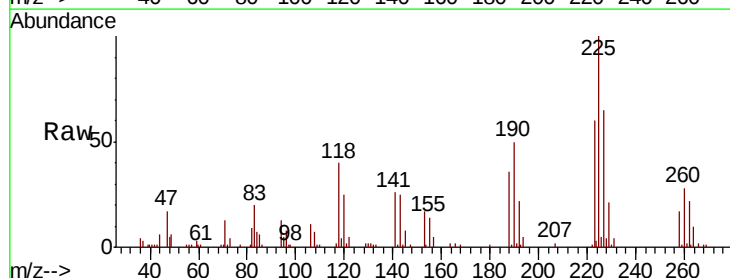


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

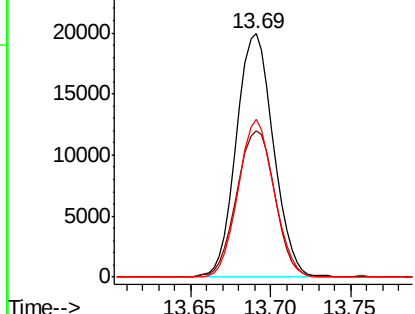
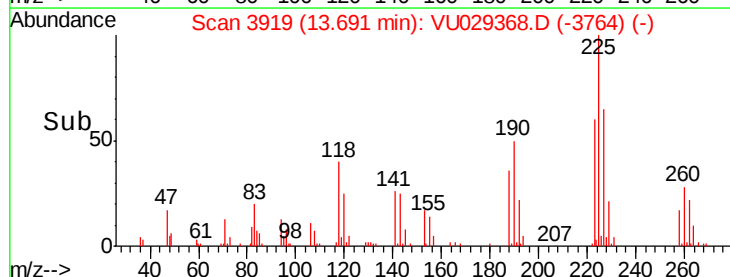


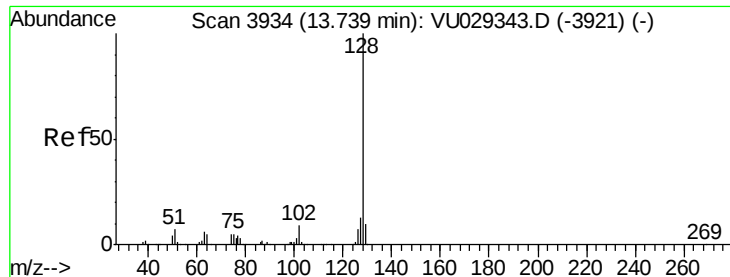
#88
 Hexachlorobutadiene
 Concen: 2.073 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:225 Resp: 31489
 Ion Ratio Lower Upper
 225 100
 223 61.8 49.5 74.3
 227 62.3 50.4 75.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.817 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

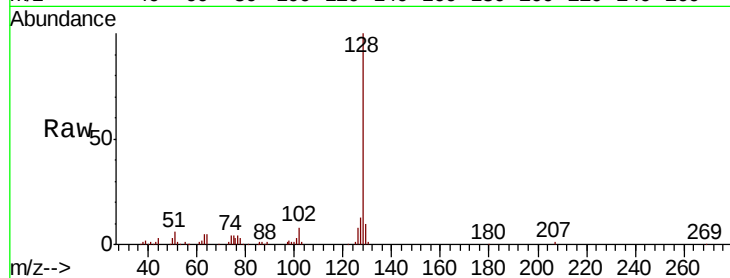
Tgt Ion:128 Resp: 80811

Ion Ratio Lower Upper

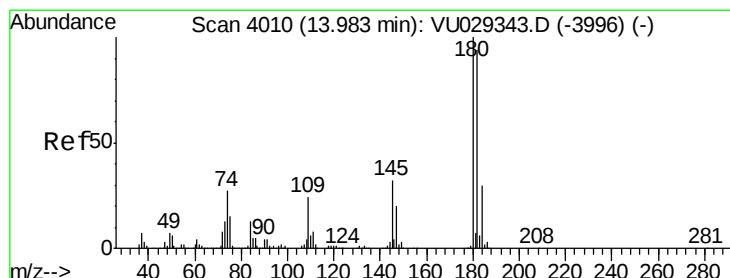
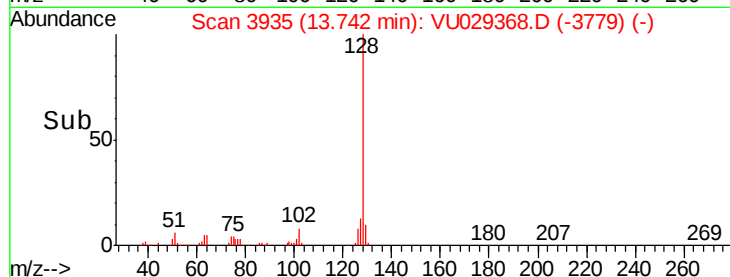
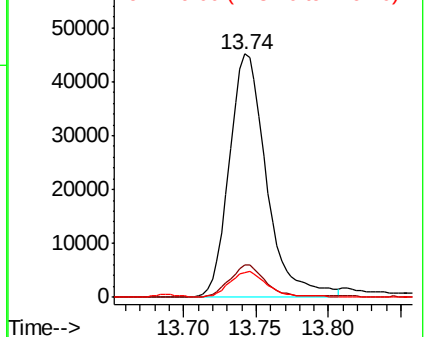
128 100

127 12.8 10.7 16.1

129 10.3 8.2 12.4



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



#90

1,2,3-Trichlorobenzene

Concen: 1.977 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

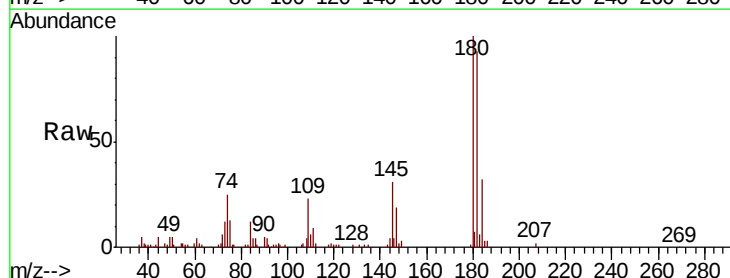
Tgt Ion:180 Resp: 47376

Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 29.0 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

