

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029369.D
 Acq On : 07 Feb 2019 13:59
 Operator : JC/SP
 Sample : VU0207WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 08 12:38:11 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	58320	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21999	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23651	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	40962	1.882 ug/l	99
3) Chloromethane	1.33	50	36456	1.833 ug/l	99
4) Vinyl Chloride	1.40	62	44390	1.904 ug/l	97
5) Bromomethane	1.63	94	29745	2.293 ug/l	95
6) Chloroethane	1.70	64	26945	1.978 ug/l	99
7) Trichlorofluoromethane	1.88	101	69922	2.148 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	37418	2.176 ug/l	86
9) 1,1-Dichloroethene	2.28	96	35231	2.094 ug/l	76
10) Iodomethane	2.41	142	44876	2.029 ug/l #	77
11) Allyl Chloride	2.59	41	54926	1.947 ug/l	92
12) Acrylonitrile	2.94	53	14409	3.821 ug/l	96
13) Acetone	2.32	43	33749	9.287 ug/l #	82
14) Carbon Disulfide	2.48	76	119572	2.013 ug/l	99
15) Methylene Chloride	2.70	84	42318	2.074 ug/l #	78
16) trans-1,2-Dichloroethene	2.98	96	40189	2.136 ug/l #	76
17) 1,1-Dichloroethane	3.44	63	69722	2.339 ug/l #	95
18) 2-Butanone	4.28	43	34837	8.577 ug/l	96
19) Cyclohexane	4.99	56	42725	1.546 ug/l #	84
20) Methylcyclohexane	6.41	83	60017	2.067 ug/l #	84
21) 2,2-Dichloropropane	4.22	77	56046	2.031 ug/l	94
22) cis-1,2-Dichloroethene	4.22	96	38355	2.164 ug/l	74
23) Diethyl Ether	2.10	59	26750	1.980 ug/l	89
24) tert-Butyl Alcohol	2.83	59	27645	19.690 ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	95107	2.008 ug/l #	83
26) Bromochloromethane	4.55	128	16519	2.110 ug/l	69
27) Chloroform	4.67	83	59754	2.061 ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	54373	2.023 ug/l	96
29) 1,1-Dichloropropene	5.13	75	46801	2.006 ug/l	92
30) Carbon Tetrachloride	5.13	117	50441	2.073 ug/l	95
31) Isopropyl Ether	3.58	45	84153	1.871 ug/l	89
32) Ethyl-t-butyl ether	4.07	59	86405	1.917 ug/l	90
33) Tert-Amyl methyl ether	5.58	73	81034	1.988 ug/l	98
34) Propionitrile	4.33	54	10177	9.532 ug/l #	90
35) Benzene	5.39	78	131028	2.031 ug/l	98
36) 1,2-Dichloroethane	5.41	62	37595	1.927 ug/l #	86
37) Trichloroethene	6.18	130	39753	2.147 ug/l	84
38) 1,2-Dichloropropane	6.43	63	32540	1.939 ug/l	95
39) Methacrylonitrile	4.55	41	10441	1.910 ug/l #	86
40) Methyl acrylate	4.43	55	14454	1.751 ug/l #	89
41) Tetrahydrofuran	4.65	42	9575	3.477 ug/l #	73
42) 1-Chlorobutane	5.06	56	58658	1.877 ug/l	86

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

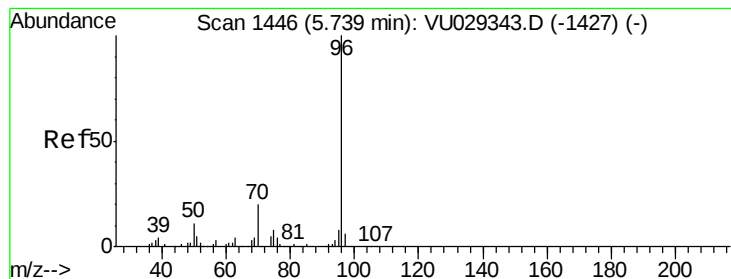
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	17824	1.993	ug/l	91
44) Bromodichloromethane	6.76	83	44623	1.958	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	95453	9.105	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.49	75	16491	3.229	ug/l	87
47) Methyl methacrylate	6.63	69	30174	3.835	ug/l #	75
48) Ethyl methacrylate	8.02	69	32828	1.945	ug/l	76
49) Toluene	7.63	92	83554	2.024	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	42568	1.906	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	52417	1.975	ug/l #	88
52) 1,1,2-Trichloroethane	8.07	97	23735	2.005	ug/l	99
53) 1,3-Dichloropropane	8.24	76	41011	1.972	ug/l	97
54) 2-Hexanone	8.36	43	66468	9.045	ug/l	85
55) Dibromochloromethane	8.48	129	33853	2.012	ug/l	98
56) 1,2-Dibromoethane	8.59	107	24508	2.018	ug/l	99
58) Tetrachloroethene	8.22	164	38224	2.219	ug/l	93
59) Chlorobenzene	9.12	112	96690	2.079	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	36123	2.102	ug/l	98
61) Pentachloroethane	11.10	117	26914	2.021	ug/l	87
62) Hexachloroethane	12.14	117	28497	1.960	ug/l	95
63) Ethyl Benzene	9.25	91	164126	2.032	ug/l	95
64) m/p-Xylenes	9.37	106	128361	4.090	ug/l	87
65) o-Xylene	9.78	106	63466	2.060	ug/l	88
66) Styrene	9.79	104	104121	2.027	ug/l	92
67) Bromoform	9.95	173	20946	2.001	ug/l	99
69) Isopropylbenzene	10.16	105	166757	2.026	ug/l	93
70) 1,1,2,2-Tetrachloroethane	10.46	83	30337	1.999	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	16491	1.582	ug/l #	65
72) Bromobenzene	10.45	156	41921	2.101	ug/l	84
73) n-propylbenzene	10.59	120	48831	2.130	ug/l	76
74) 2-Chlorotoluene	10.66	126	41754	2.139	ug/l	78
75) 1,3,5-Trimethylbenzene	10.77	105	142947	2.014	ug/l	96
76) 4-Chlorotoluene	10.77	126	41499	2.048	ug/l	78
77) tert-Butylbenzene	11.10	119	145271	2.071	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	144956	2.018	ug/l	93
79) sec-Butylbenzene	11.32	105	187322	2.041	ug/l	94
80) Nitrobenzene	12.87	77	4081	6.036	ug/l	82
81) p-Isopropyltoluene	11.47	119	158198	2.033	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	83147	2.124	ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	82020	2.104	ug/l	96
84) n-Butylbenzene	11.89	91	140231	1.964	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	77853	2.104	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5142	1.816	ug/l #	62
87) 1,2,4-Trichlorobenzene	13.50	180	56615	2.178	ug/l	98
88) Hexachlorobutadiene	13.69	225	35010	2.326	ug/l	98
89) Naphthalene	13.74	128	90883	2.061	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	51781	2.180	ug/l	96

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

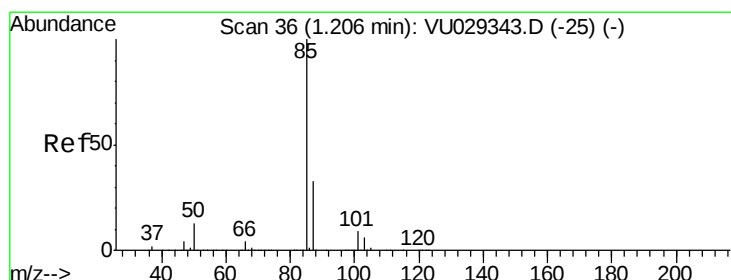
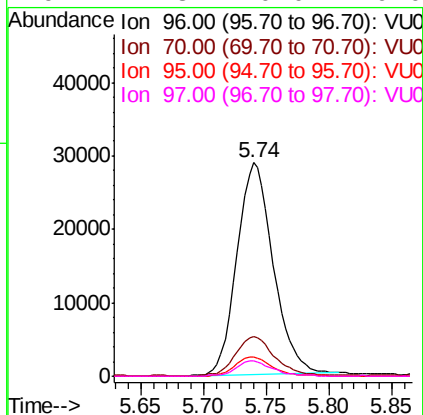
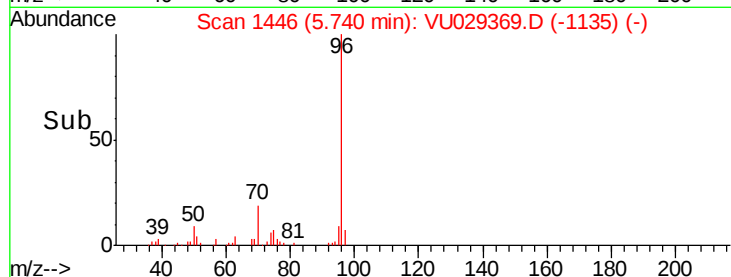
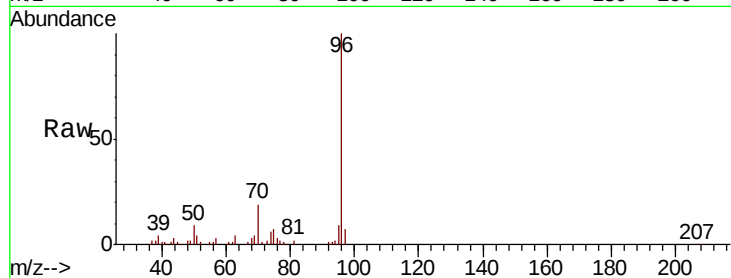
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 96 Resp: 58320

Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.2	24.2
95	8.6	7.4	11.2
97	7.3	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.882 ug/l

RT: 1.21 min Scan# 36

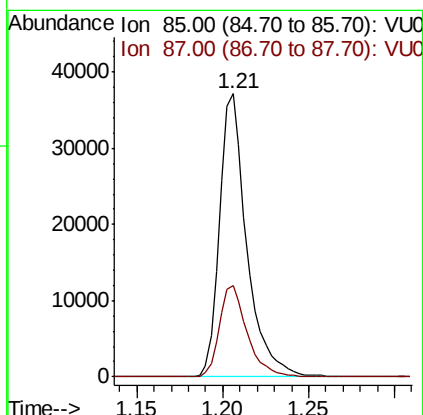
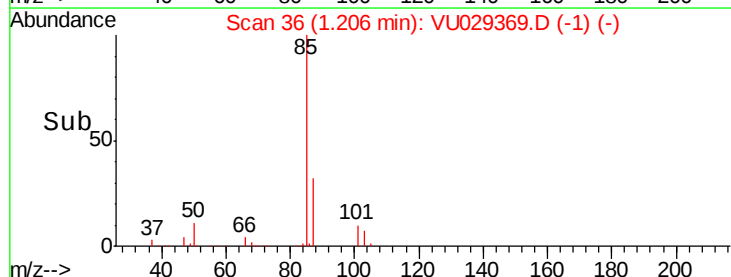
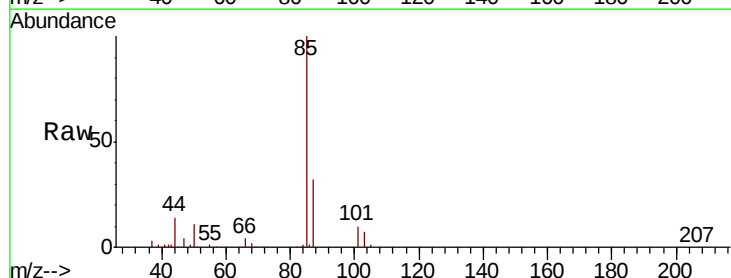
Delta R.T. 0.00 min

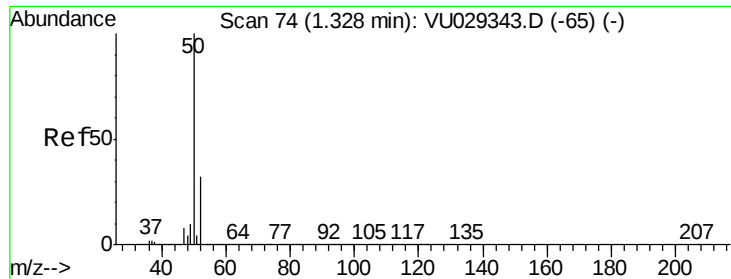
Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 85 Resp: 40962

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.9	47.6





#3

Chloromethane

Concen: 1.833 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029369.D

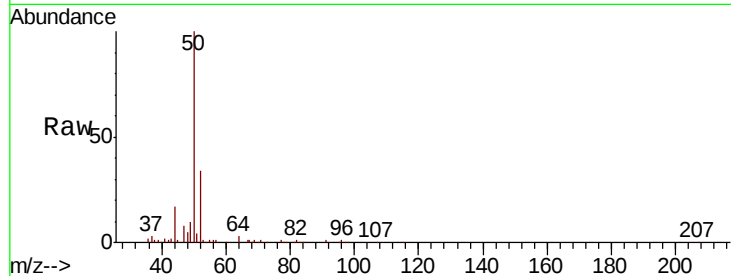
Acq: 07 Feb 2019 13:59

Tgt Ion: 50 Resp: 36456

Ion Ratio Lower Upper

50 100

52 34.5 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

40000

30000

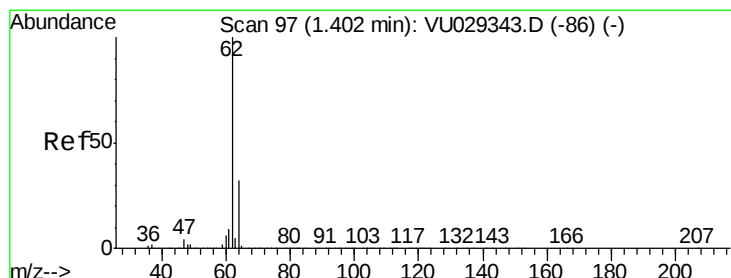
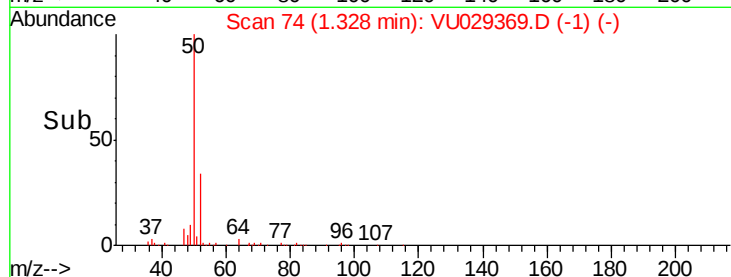
20000

10000

0

Time-->

1.30 1.35



#4

Vinyl Chloride

Concen: 1.904 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029369.D

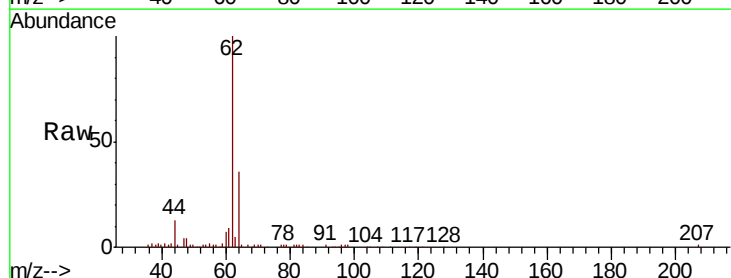
Acq: 07 Feb 2019 13:59

Tgt Ion: 62 Resp: 44390

Ion Ratio Lower Upper

62 100

64 33.1 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

50000

40000

30000

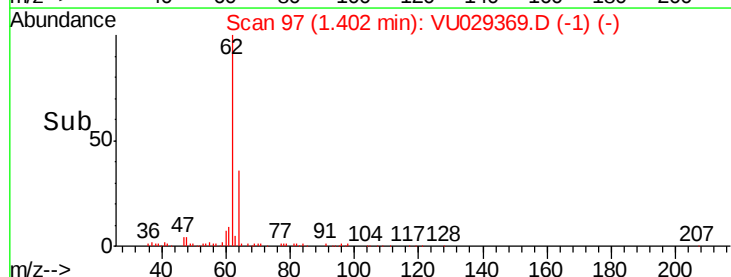
20000

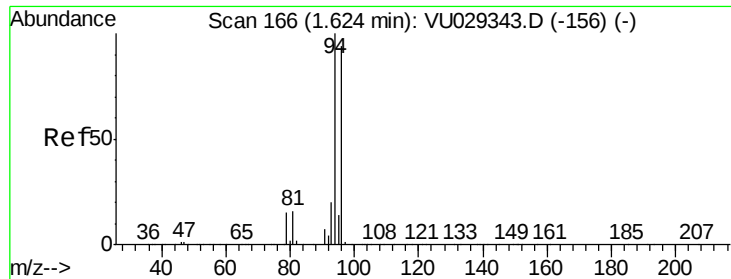
10000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 2.293 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029369.D

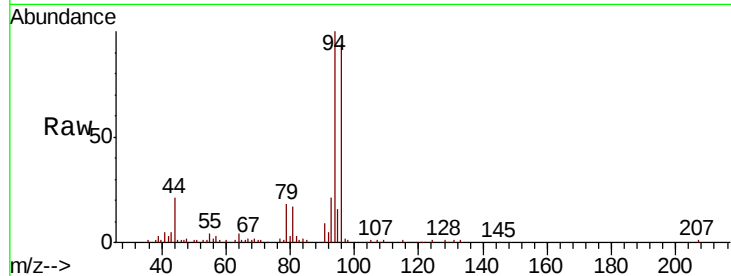
Acq: 07 Feb 2019 13:59

Tgt Ion: 94 Resp: 29745

Ion Ratio Lower Upper

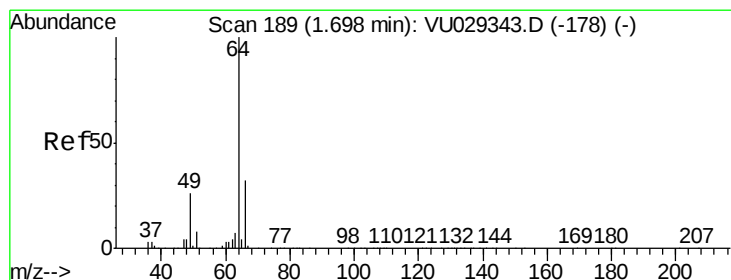
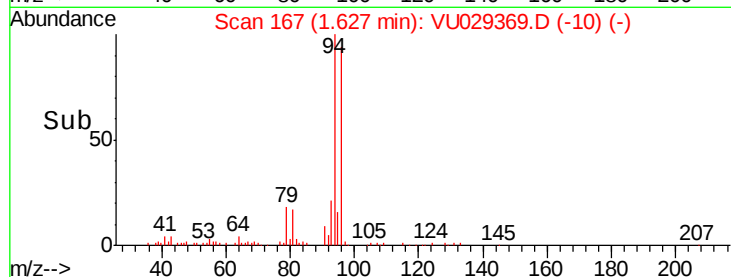
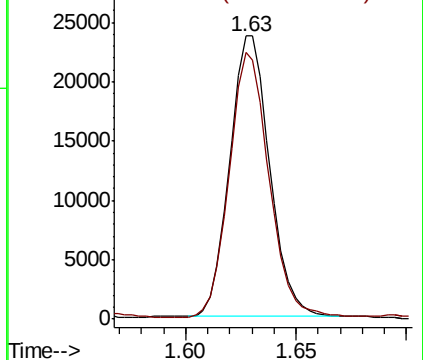
94 100

96 94.5 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.978 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029369.D

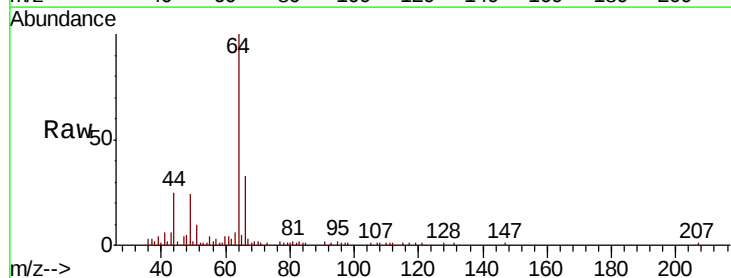
Acq: 07 Feb 2019 13:59

Tgt Ion: 64 Resp: 26945

Ion Ratio Lower Upper

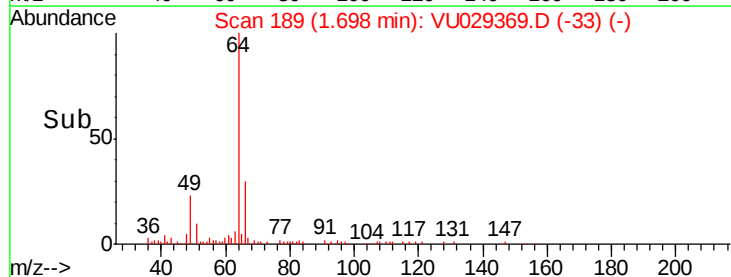
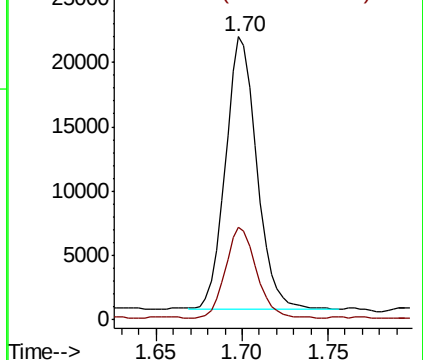
64 100

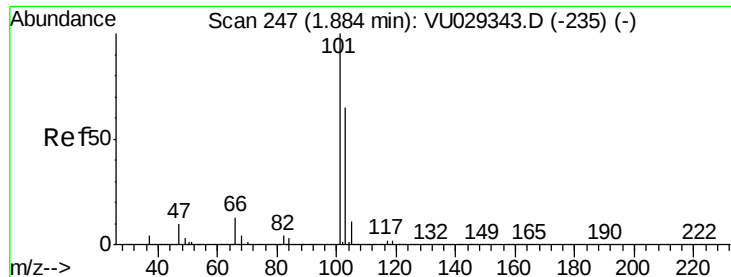
66 33.3 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

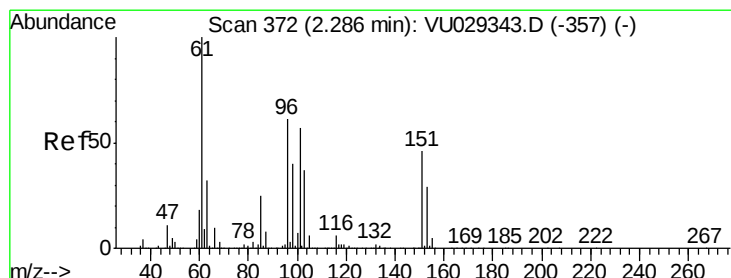
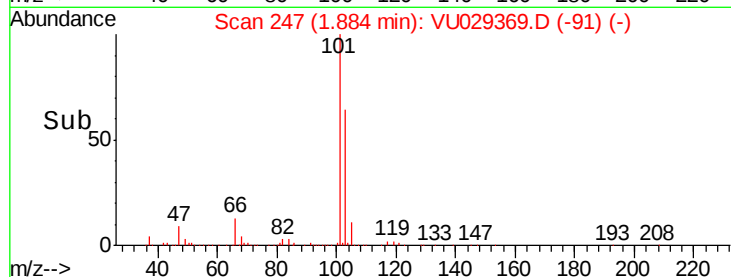
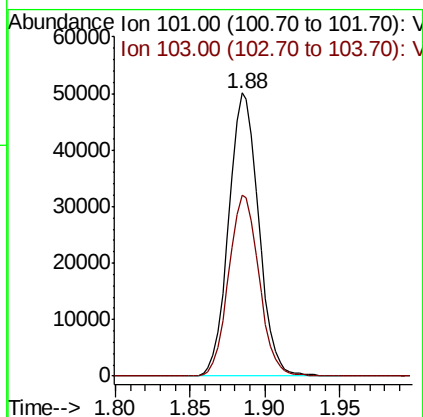
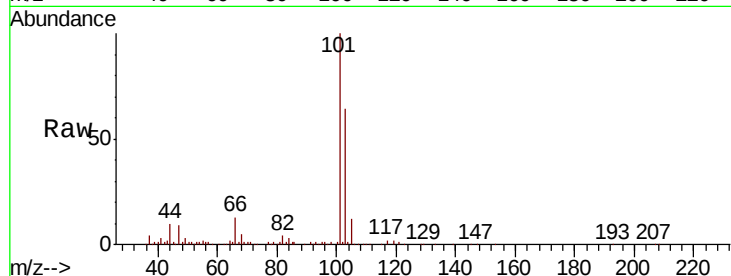




#7

Trichlorofluoromethane
 Concen: 2.148 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

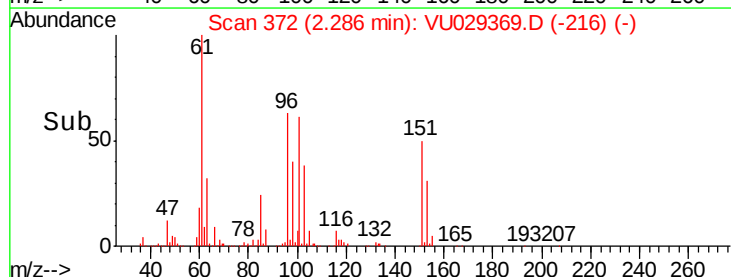
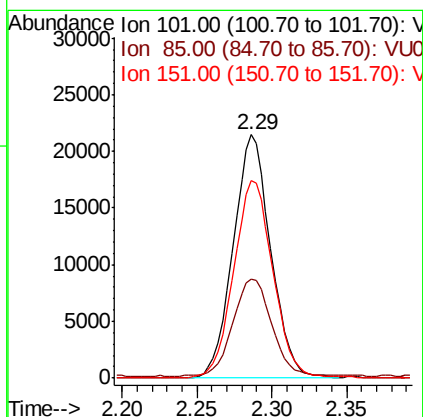
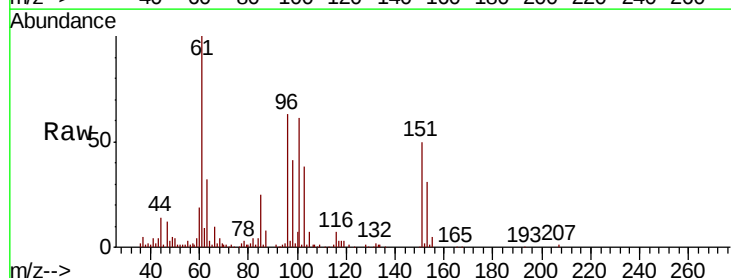
Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.9	80.9

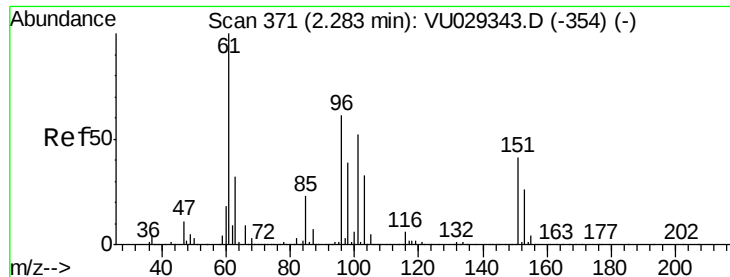


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.176 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.0	40.3	60.5
151	83.9	58.1	87.1





#9

1,1-Dichloroethene

Concen: 2.094 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

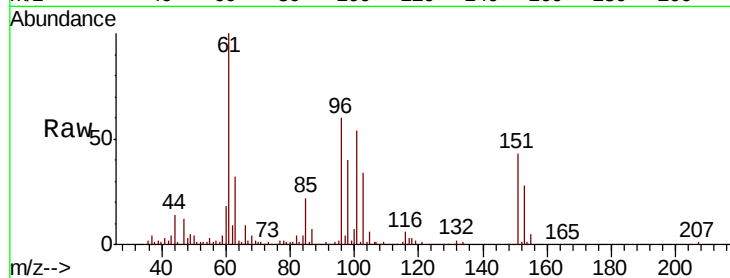
Tgt Ion: 96 Resp: 35231

Ion Ratio Lower Upper

96 100

61 168.1 0.0 641.4

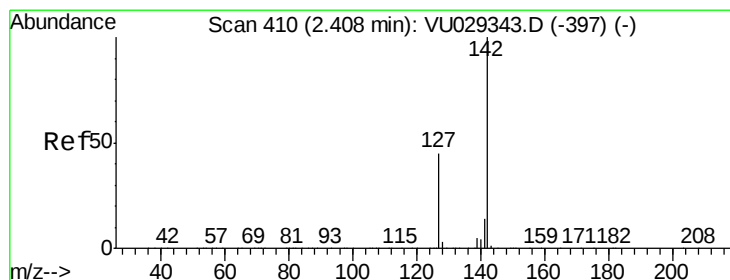
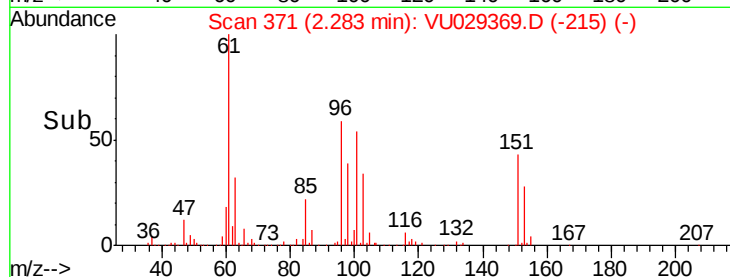
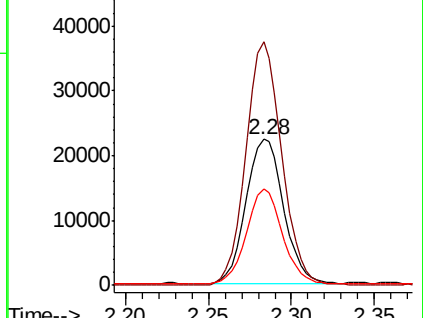
98 65.6 0.0 122.6



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: 2.029 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029369.D

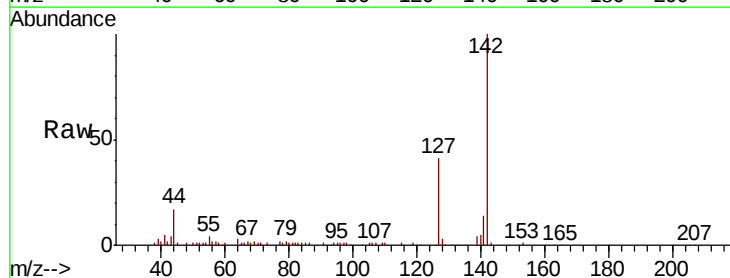
Acq: 07 Feb 2019 13:59

Tgt Ion: 142 Resp: 44876

Ion Ratio Lower Upper

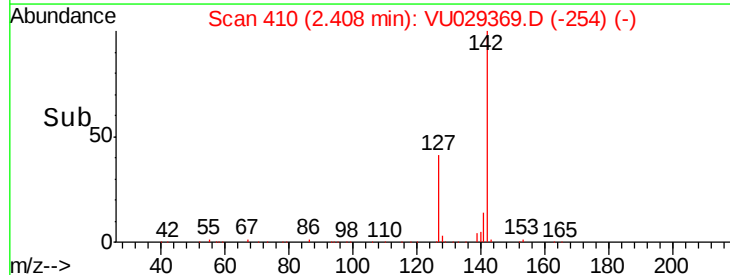
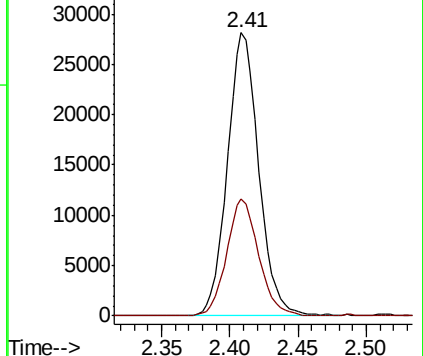
142 100

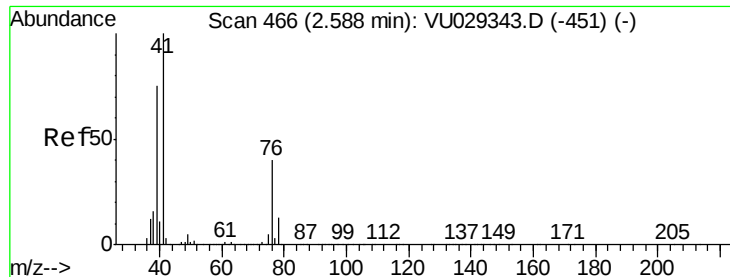
127 42.0 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 1.947 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029369.D

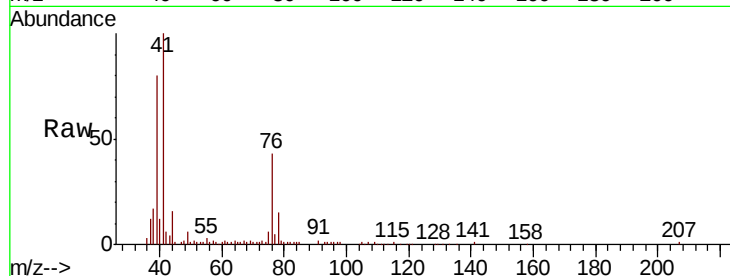
Acq: 07 Feb 2019 13:59

Tgt Ion: 41 Resp: 54926

Ion Ratio Lower Upper

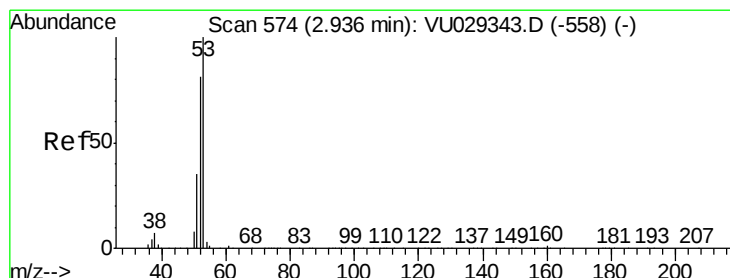
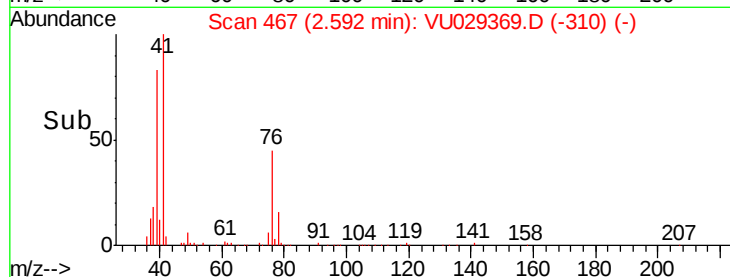
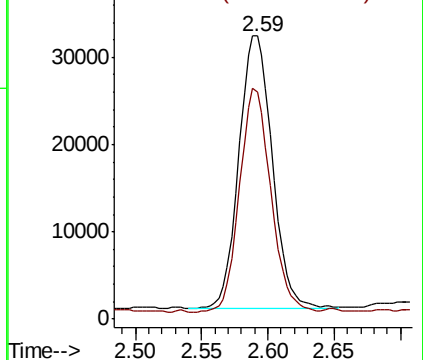
41 100

39 76.7 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 3.821 ug/l

RT: 2.94 min Scan# 574

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

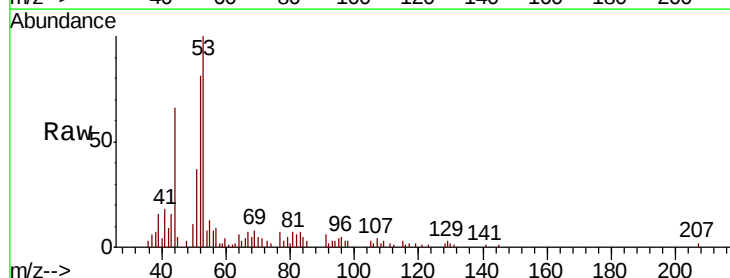
Tgt Ion: 53 Resp: 14409

Ion Ratio Lower Upper

53 100

52 87.6 67.6 101.4

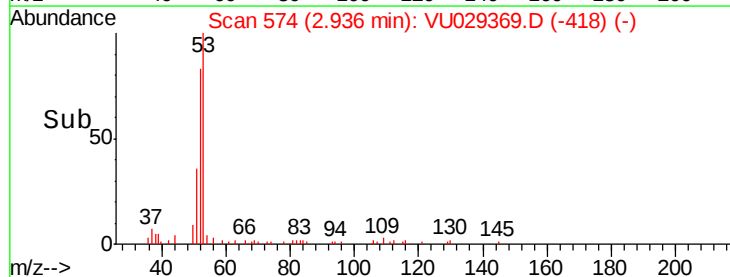
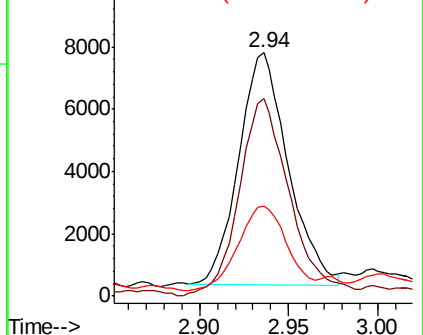
51 36.2 31.0 46.4

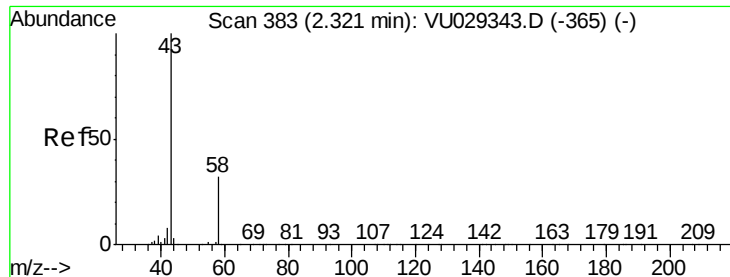


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 9.287 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029369.D

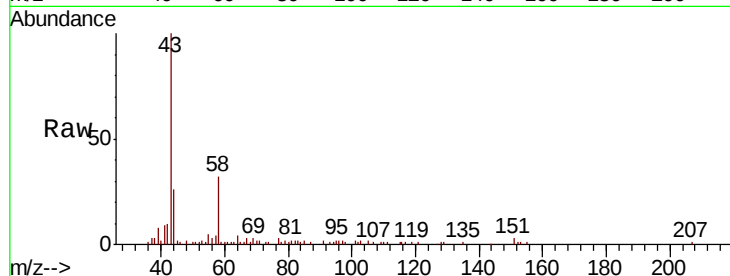
Acq: 07 Feb 2019 13:59

Tgt Ion: 43 Resp: 33749

Ion Ratio Lower Upper

43 100

58 32.9 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

20000

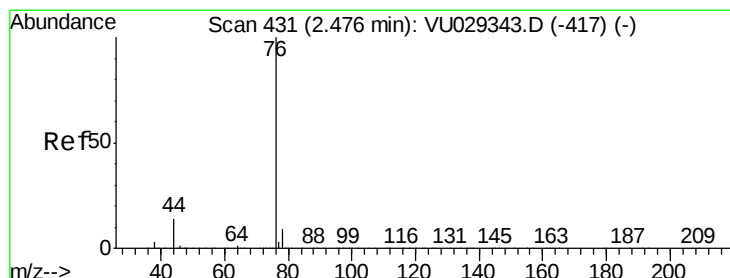
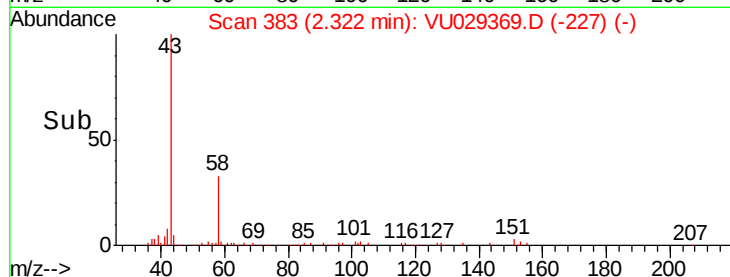
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 2.013 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029369.D

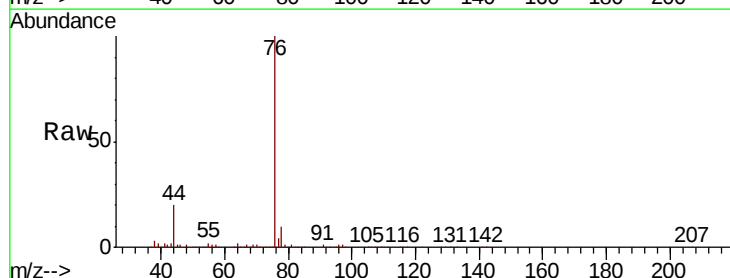
Acq: 07 Feb 2019 13:59

Tgt Ion: 76 Resp: 119572

Ion Ratio Lower Upper

76 100

78 9.3 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

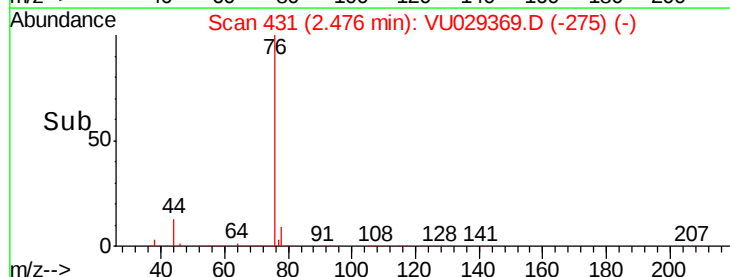
60000

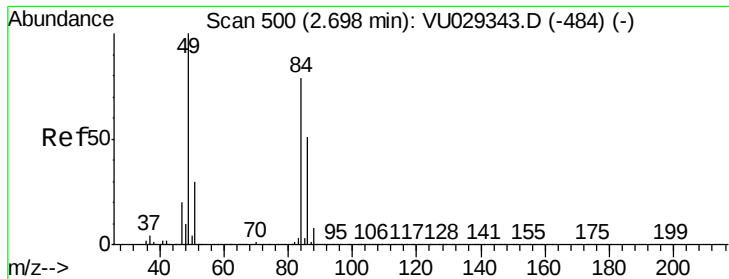
40000

20000

0

Time--> 2.40 2.45 2.50 2.55





#15

Methylene Chloride

Concen: 2.074 ug/l

RT: 2.70 min Scan# 500

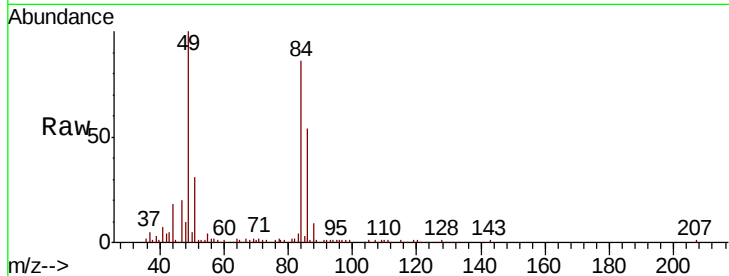
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 84 Resp: 42318

Ion	Ratio	Lower	Upper
84	100		
49	117.2	127.0	190.6#
51	35.9	0.0	93.4
86	63.4	50.6	75.8



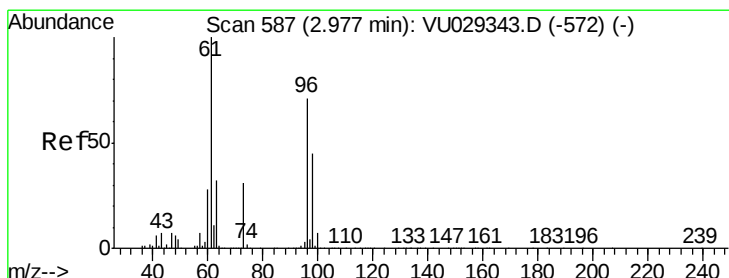
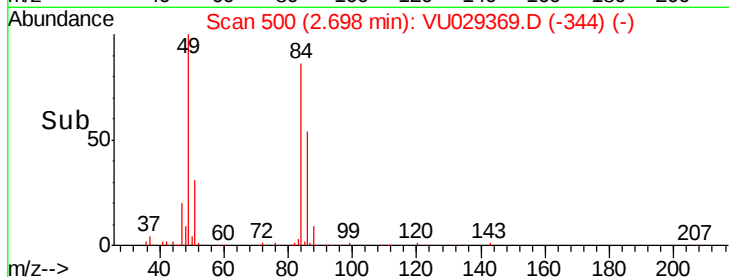
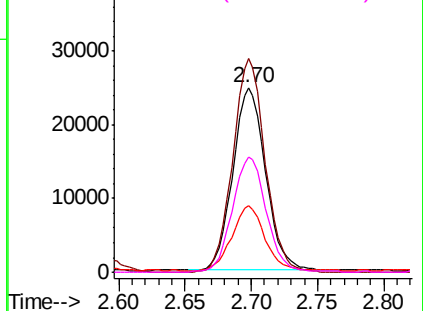
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.136 ug/l

RT: 2.98 min Scan# 587

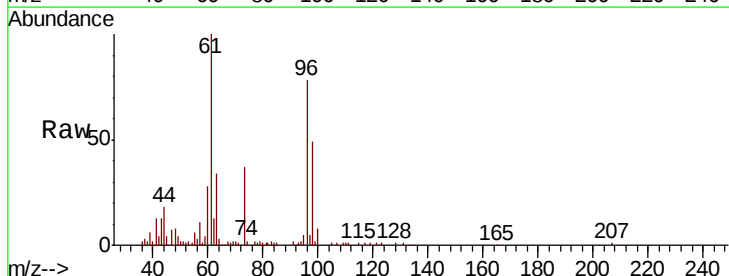
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 96 Resp: 40189

Ion	Ratio	Lower	Upper
96	100		
61	130.4	140.6	210.8#
98	62.6	49.3	73.9

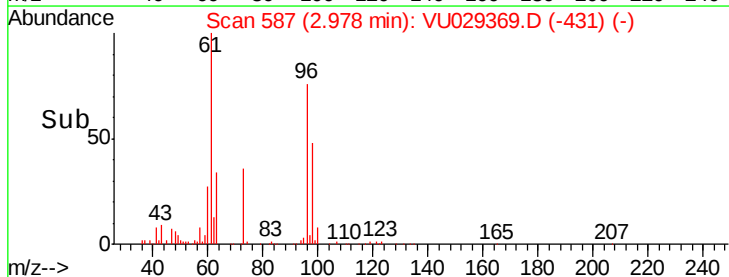
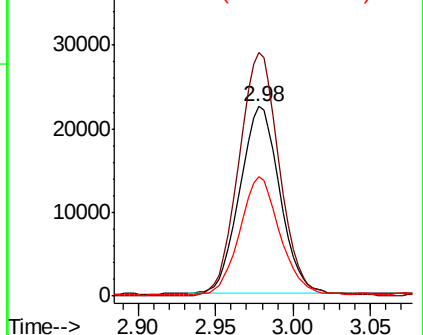


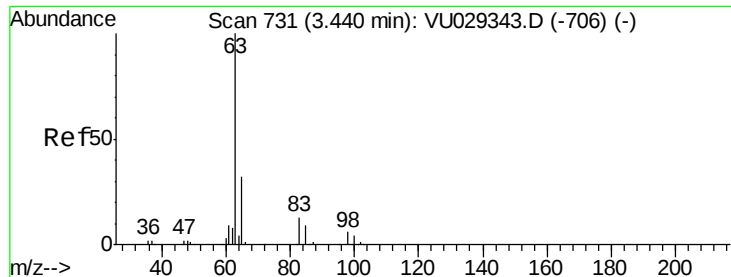
Abundance

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





#17

1,1-Dichloroethane

Concen: 2.339 ug/l

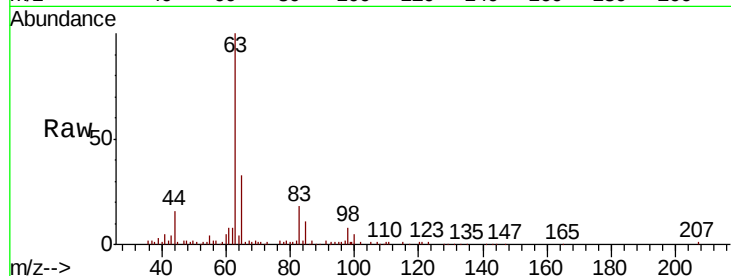
RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion:	63	Resp:	69722
Ion	Ratio	Lower	Upper
63	100		
98	7.4	2.9	8.8
100	5.4	1.7	5.1#

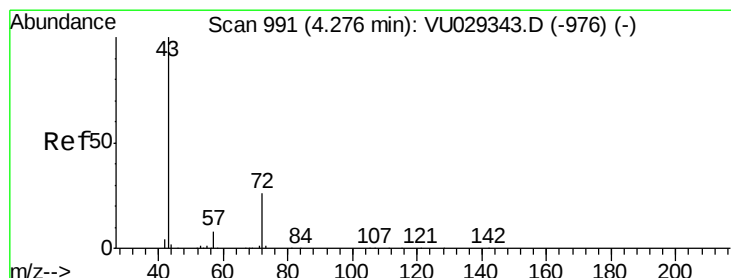
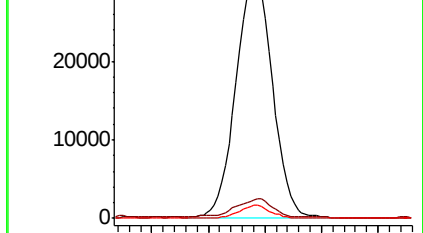
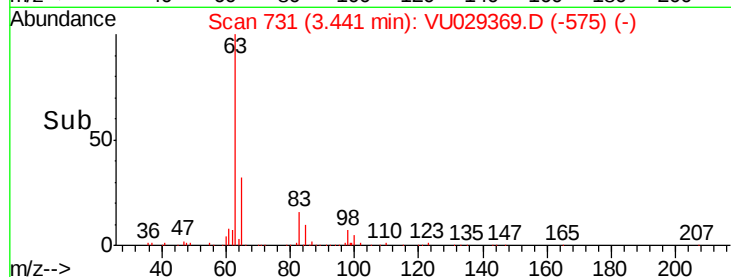


Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-706) (-)

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

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

Time-->



#18

2-Butanone

Concen: 8.577 ug/l

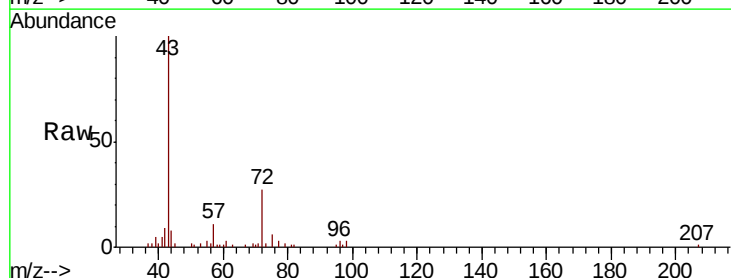
RT: 4.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

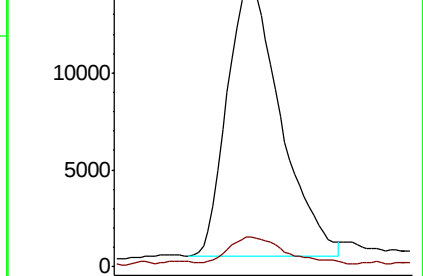
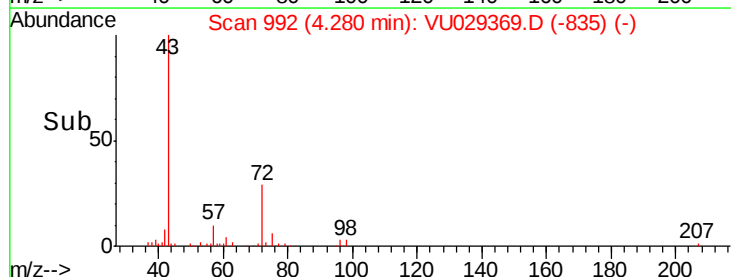
Tgt Ion:	43	Resp:	34837
Ion	Ratio	Lower	Upper
43	100		
57	9.3	0.0	15.8

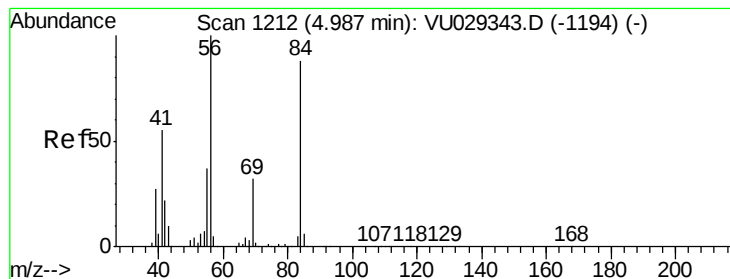


Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-976) (-)

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

Time-->





#19

Cyclohexane

Concen: 1.546 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

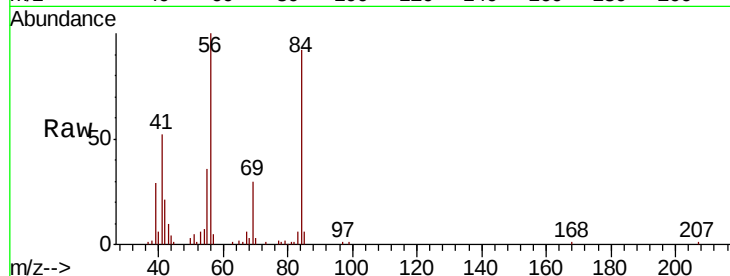
Tgt Ion: 56 Resp: 42725

Ion Ratio Lower Upper

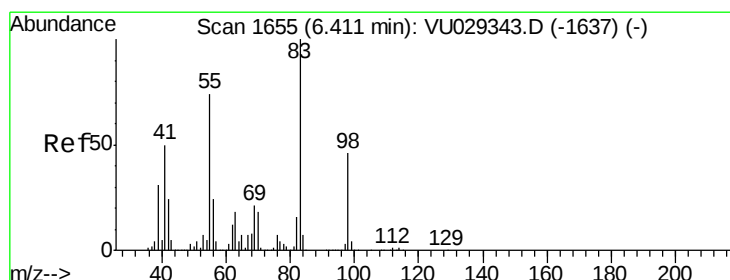
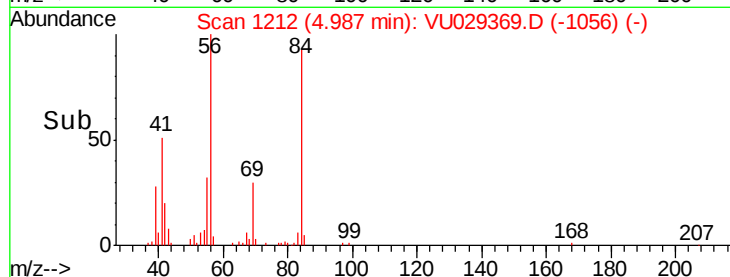
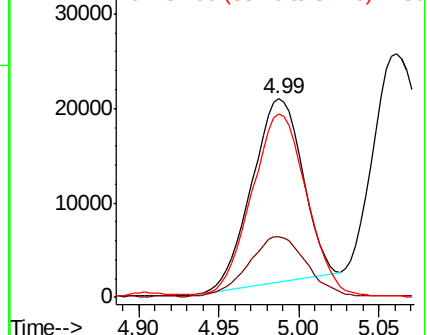
56 100

69 37.3 26.8 40.2

84 107.7 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: 2.067 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

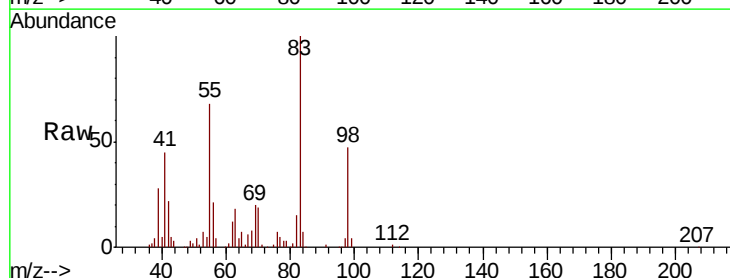
Tgt Ion: 83 Resp: 60017

Ion Ratio Lower Upper

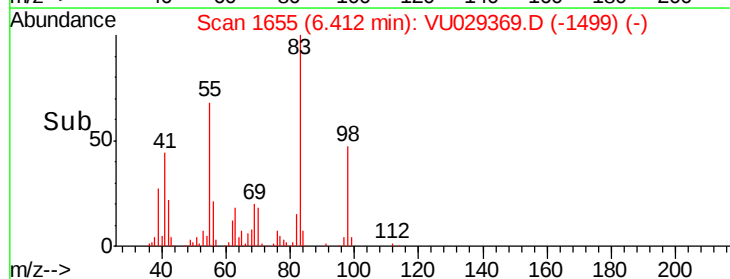
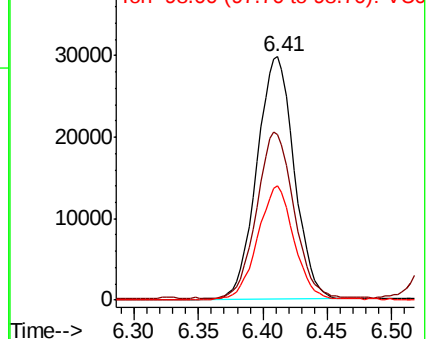
83 100

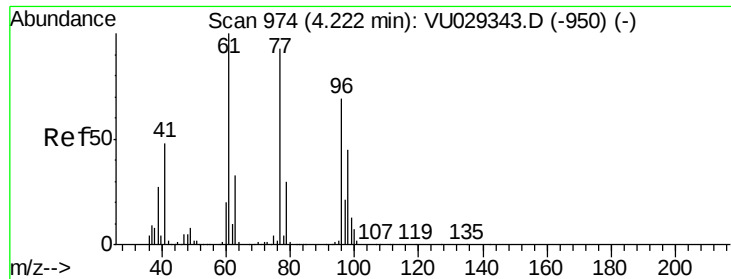
55 67.5 72.4 108.6#

98 45.5 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: 2.031 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029369.D

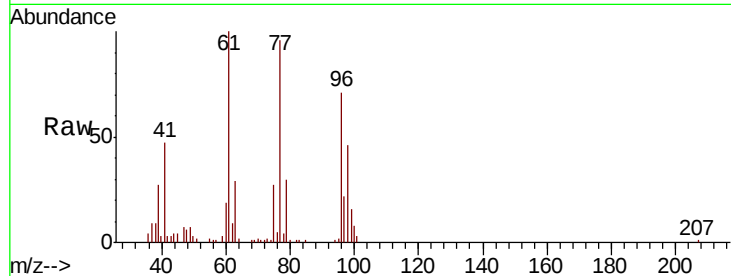
Acq: 07 Feb 2019 13:59

Tgt Ion: 77 Resp: 56046

Ion Ratio Lower Upper

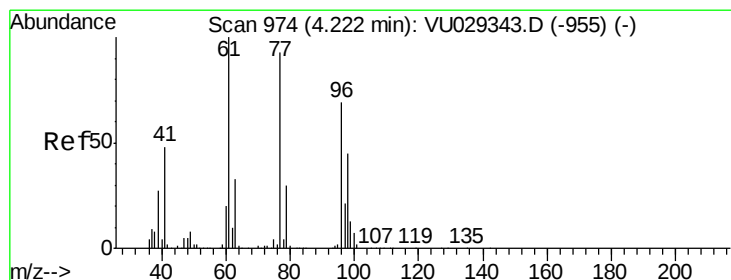
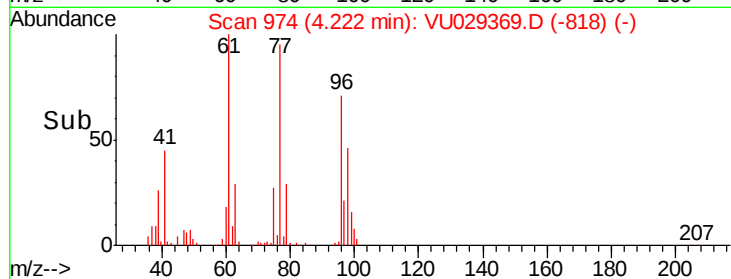
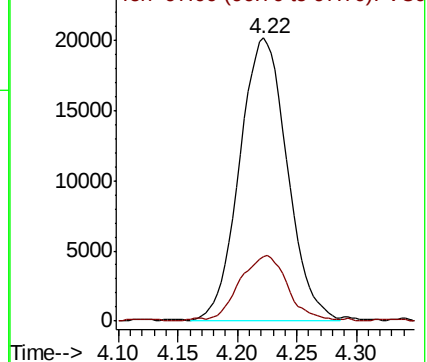
77 100

97 22.2 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: 2.164 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

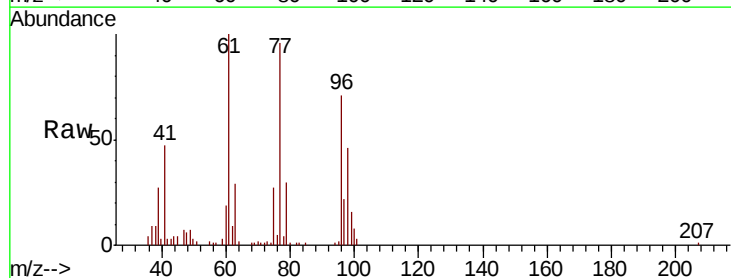
Tgt Ion: 96 Resp: 38355

Ion Ratio Lower Upper

96 100

61 135.0 0.0 460.0

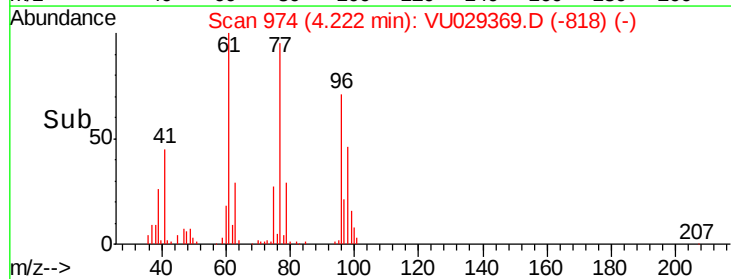
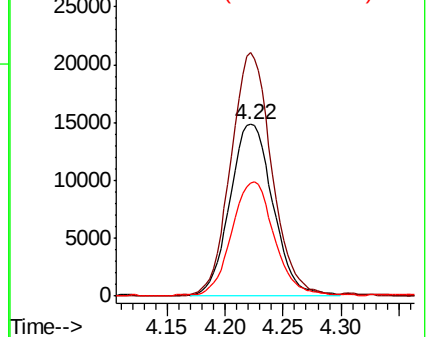
98 63.7 32.6 97.7

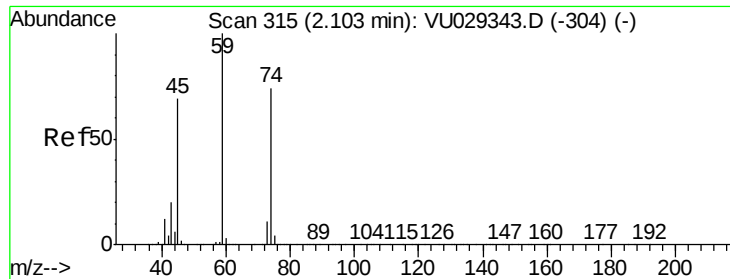


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

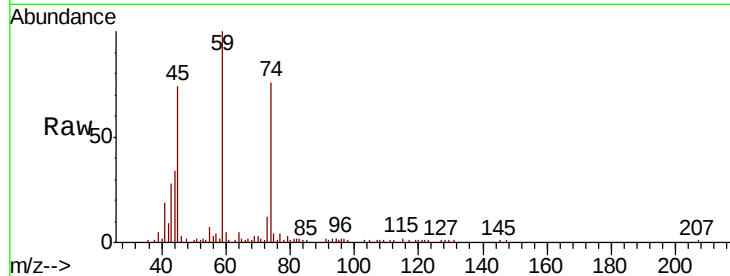
Ion 98.00 (97.70 to 98.70): VU0



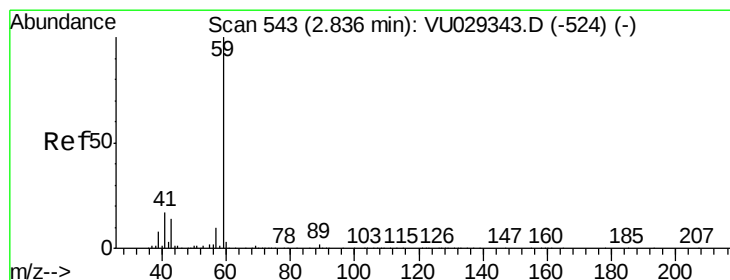
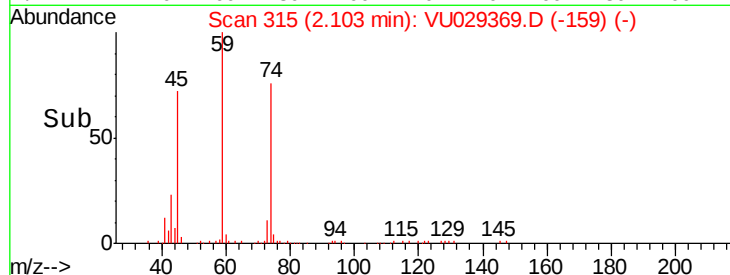
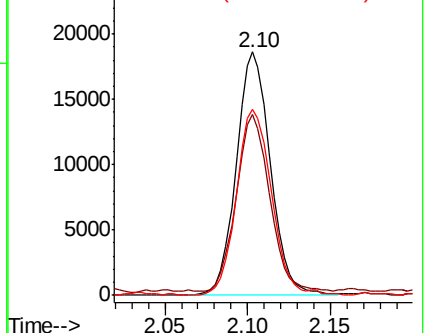


#23
Diethyl Ether
Concen: 1.980 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
59	100		
45	70.0	64.2	96.4
74	77.6	55.3	82.9

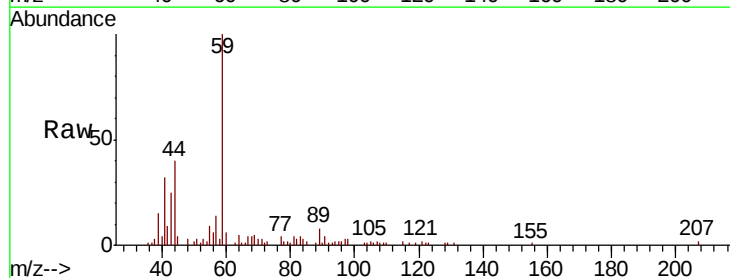


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

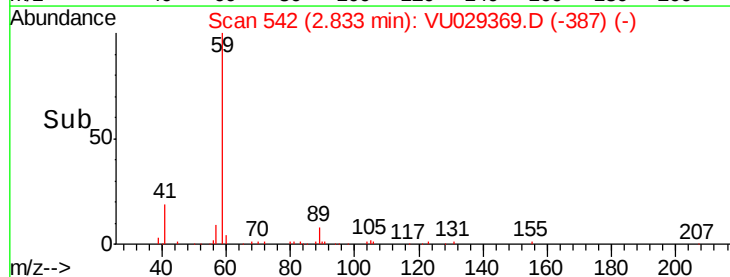
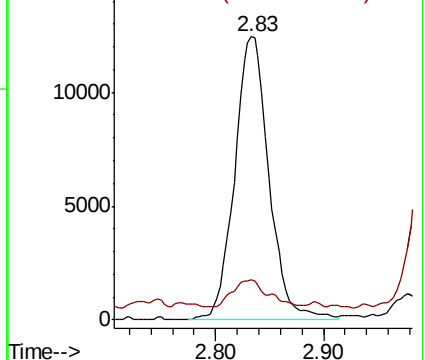


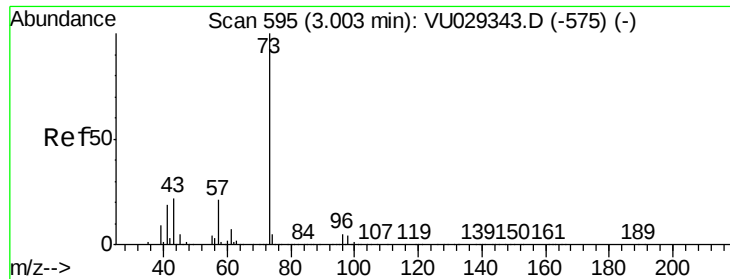
#24
tert-Butyl Alcohol
Concen: 19.690 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.8	13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

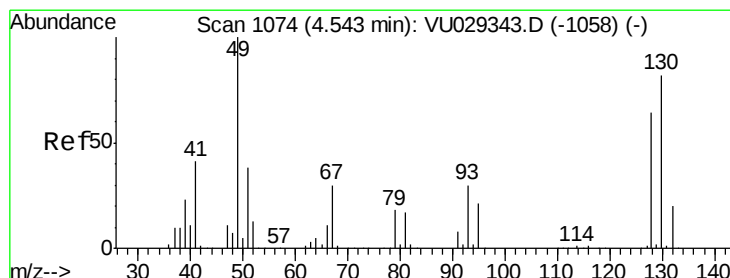
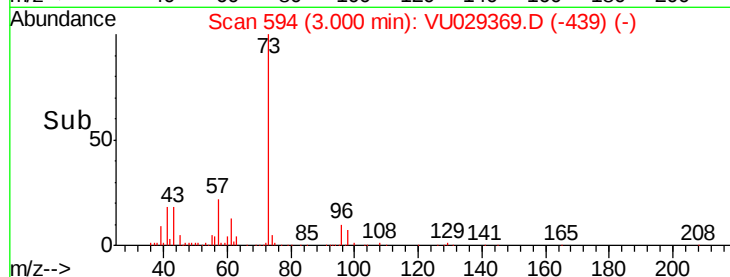
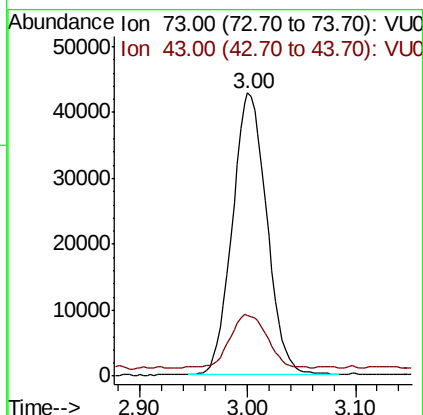
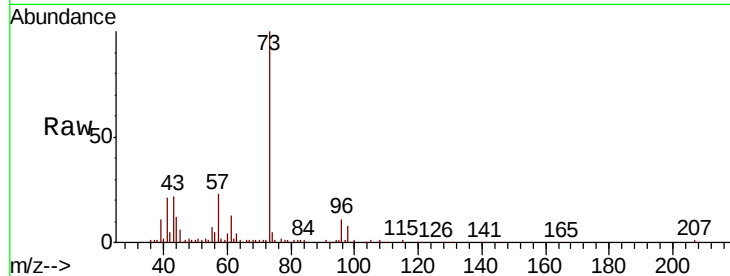




#25

Methyl tert-Butyl Ether
Concen: 2.008 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

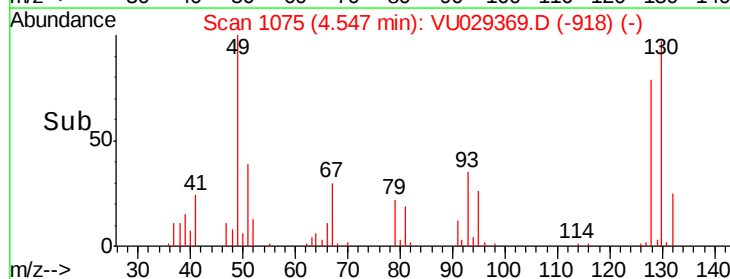
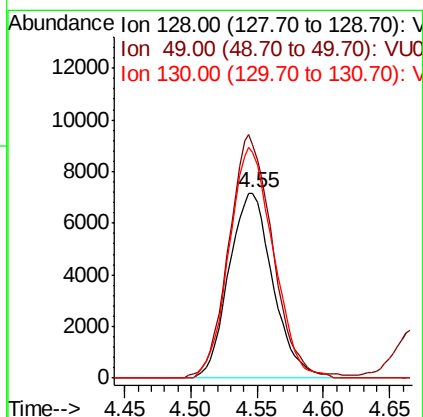
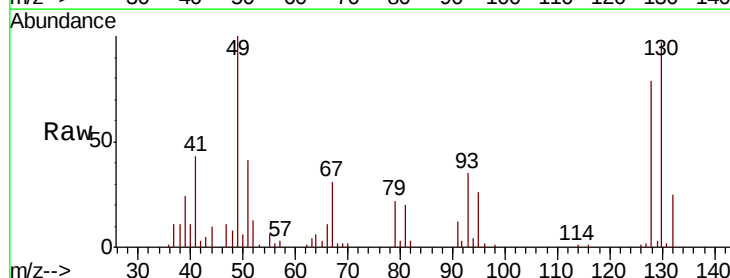
Tgt Ion: 73 Resp: 95107
Ion Ratio Lower Upper
73 100
43 18.9 22.1 33.1#

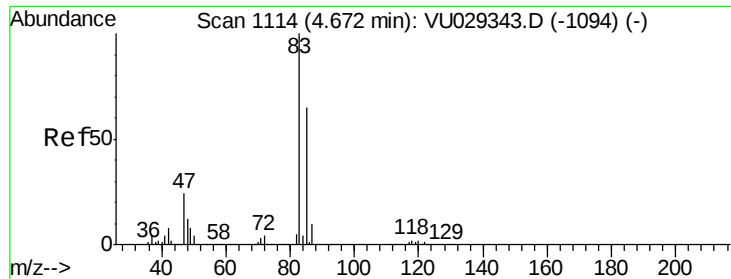


#26

Bromochloromethane
Concen: 2.110 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

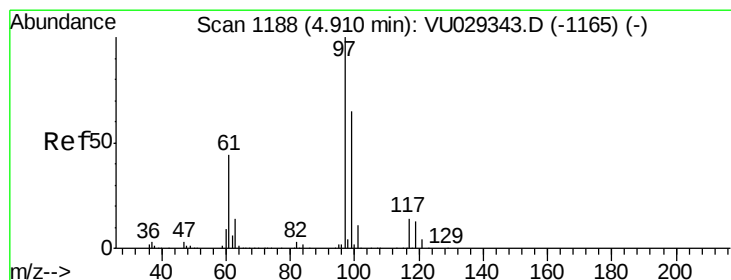
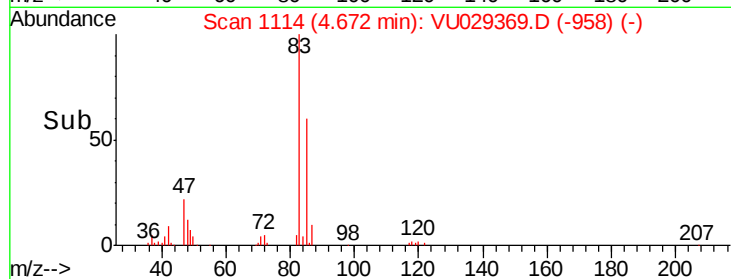
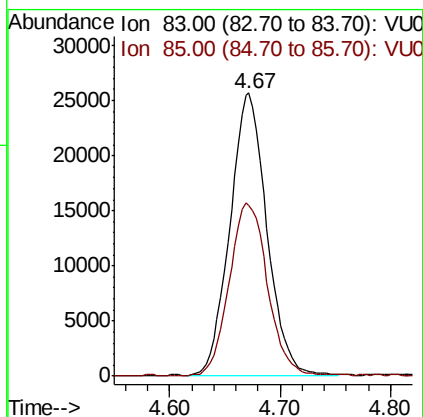
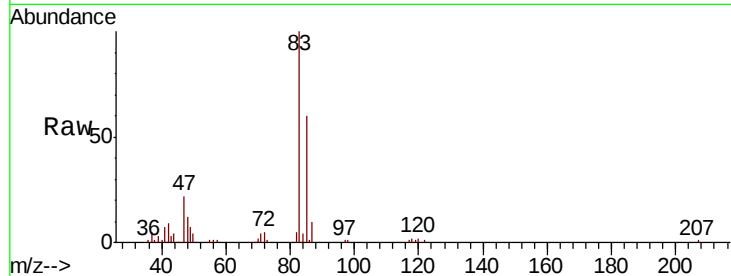
Tgt Ion: 128 Resp: 16519
Ion Ratio Lower Upper
128 100
49 129.8 0.0 401.6
130 125.4 108.0 162.0





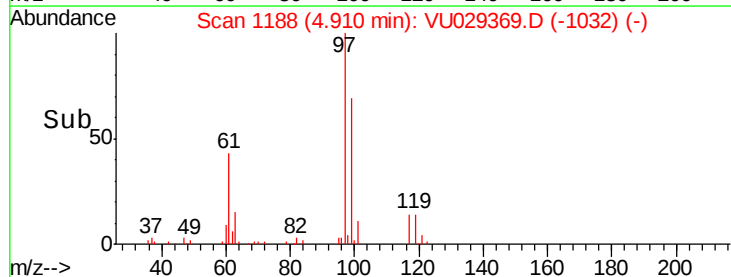
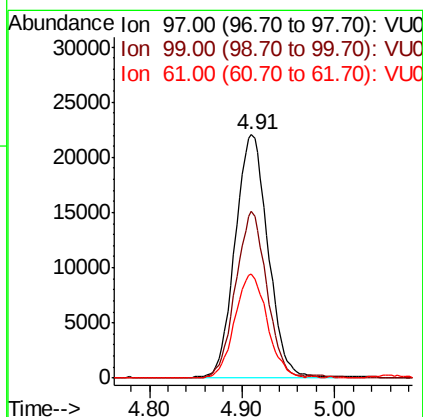
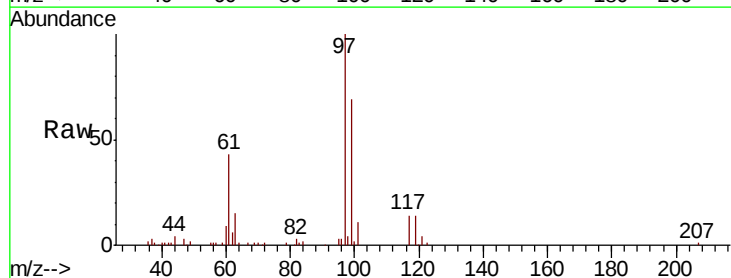
#27
Chloroform
Concen: 2.061 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

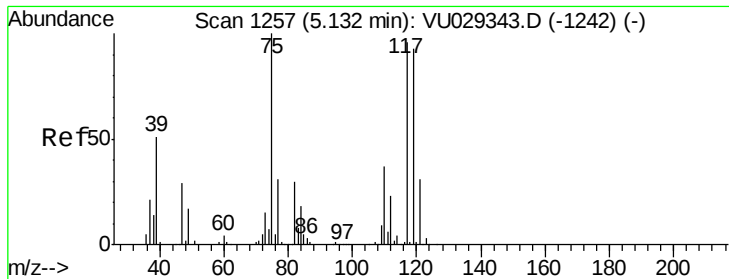
Tgt Ion: 83 Resp: 59754
Ion Ratio Lower Upper
83 100
85 60.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 2.023 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion: 97 Resp: 54373
Ion Ratio Lower Upper
97 100
99 64.8 32.4 97.2
61 42.2 24.4 73.2





#29

1,1-Dichloropropene

Concen: 2.006 ug/l

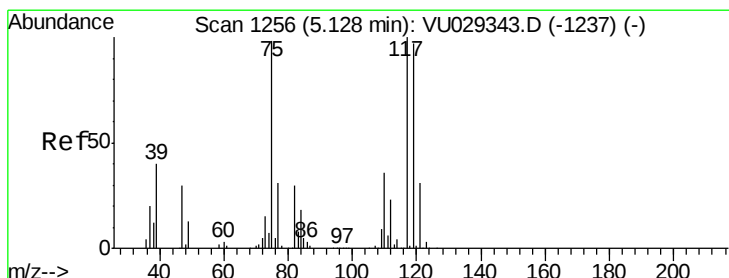
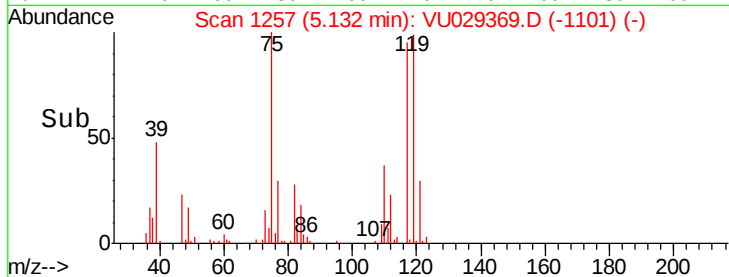
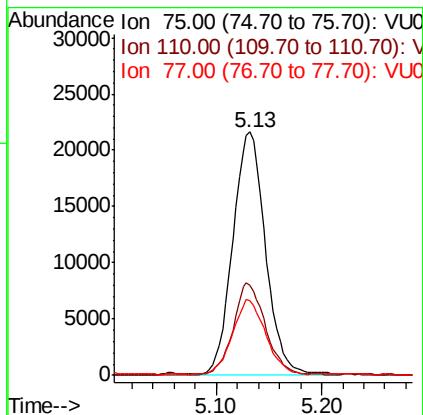
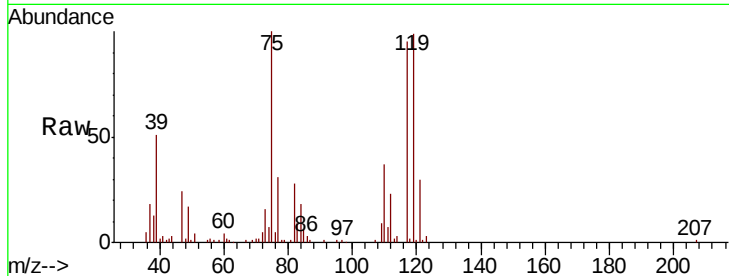
RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion:	75	Resp:	46801
Ion	Ratio	Lower	Upper
75	100		
110	37.1	15.4	46.2
77	32.0	24.1	36.1



#30

Carbon Tetrachloride

Concen: 2.073 ug/l

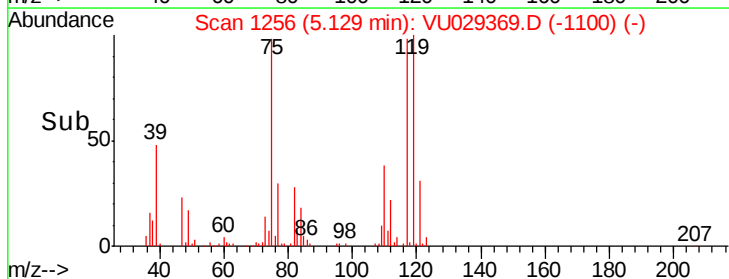
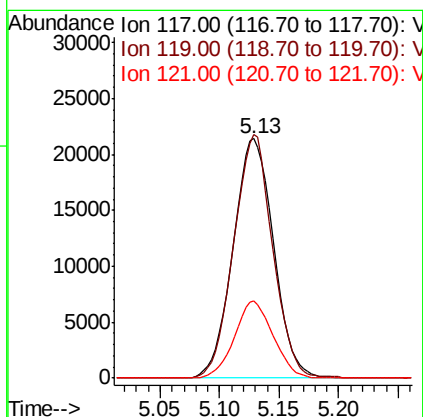
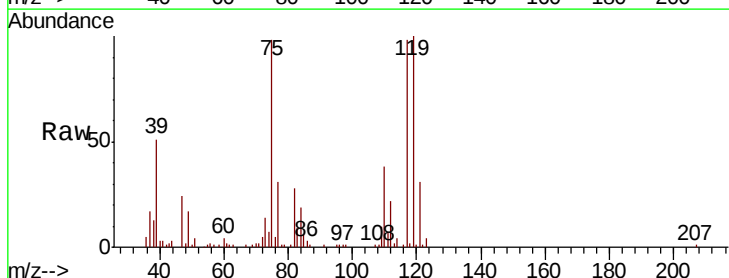
RT: 5.13 min Scan# 1256

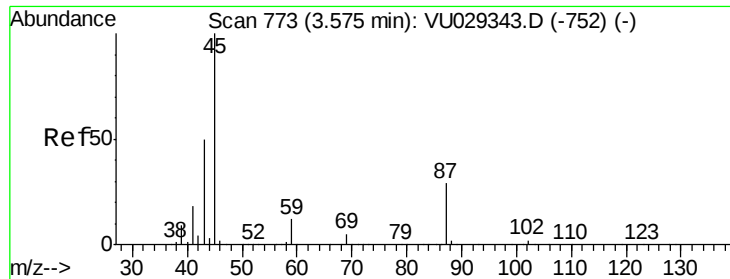
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion:	117	Resp:	50441
Ion	Ratio	Lower	Upper
117	100		
119	101.6	76.8	115.2
121	32.0	24.4	36.6





#31

Isopropyl Ether

Concen: 1.871 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029369.D

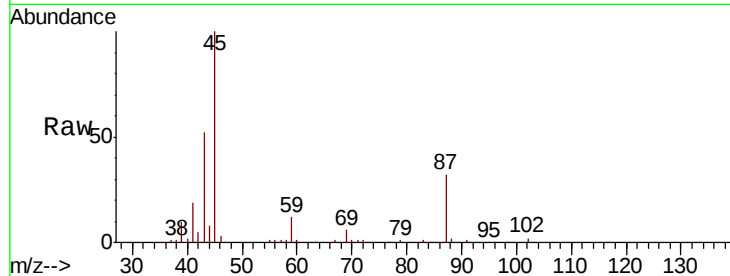
Acq: 07 Feb 2019 13:59

Tgt Ion: 45 Resp: 84153

Ion Ratio Lower Upper

45 100

43 48.7 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

3.58

40000

30000

20000

10000

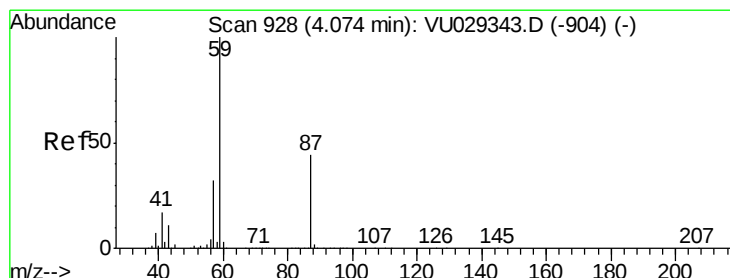
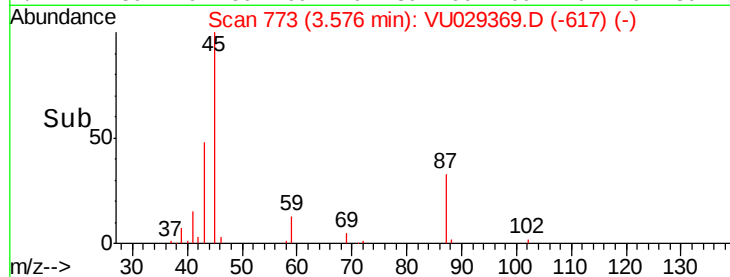
0

Time-->

3.50

3.60

3.70



#32

Ethyl-t-butyl ether

Concen: 1.917 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029369.D

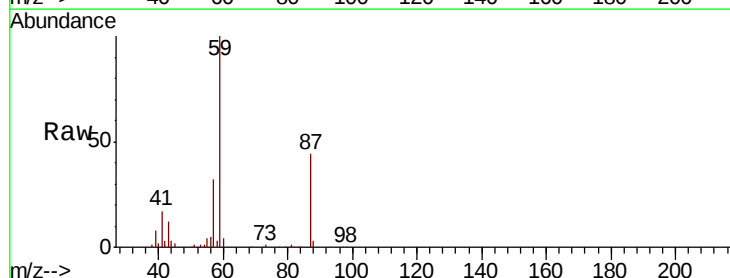
Acq: 07 Feb 2019 13:59

Tgt Ion: 59 Resp: 86405

Ion Ratio Lower Upper

59 100

87 45.0 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

4.07

30000

20000

10000

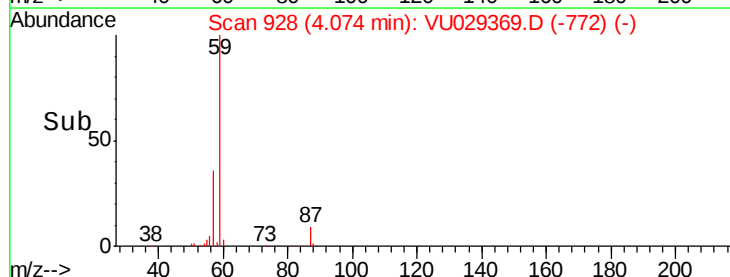
0

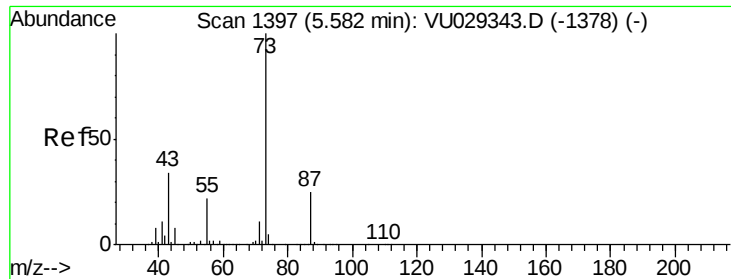
Time-->

4.00

4.10

4.20

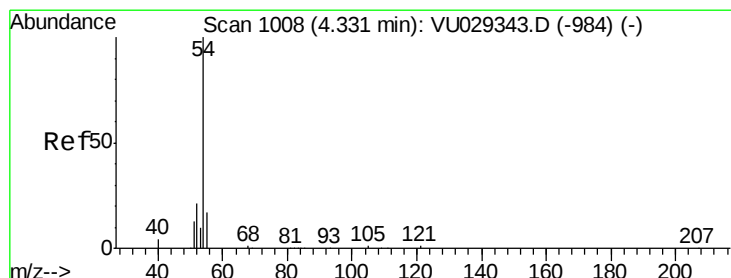
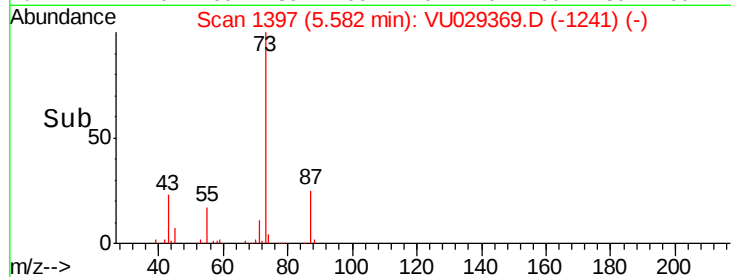
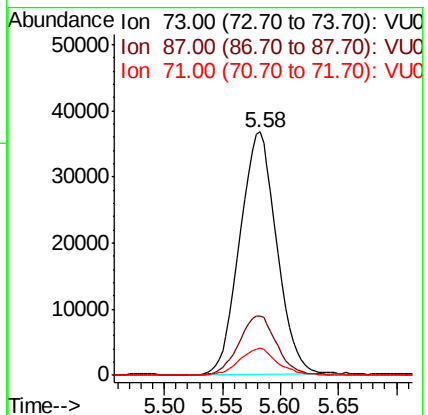
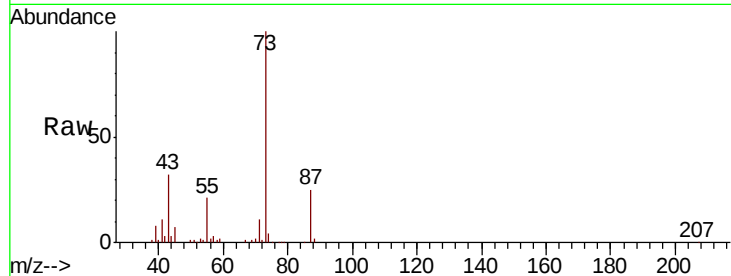




#33

Tert-Amyl methyl ether
 Concen: 1.988 ug/l
 RT: 5.58 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

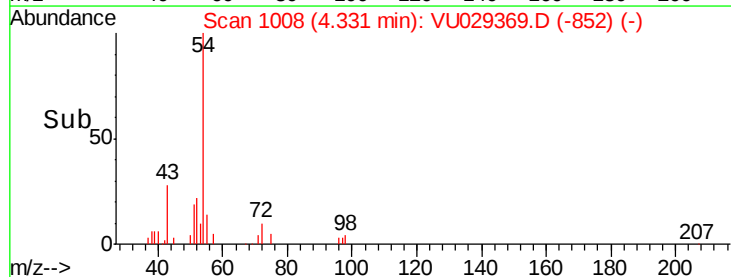
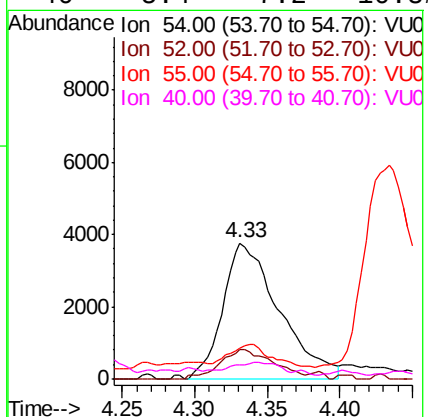
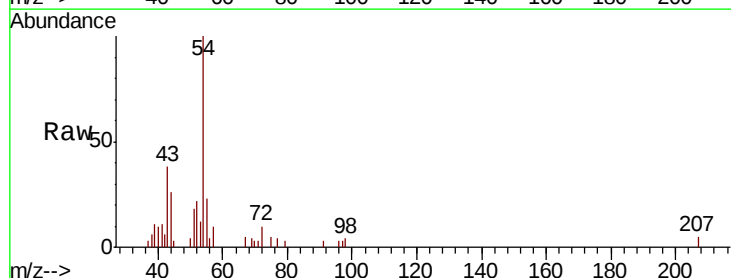
Tgt Ion	Ratio	Lower	Upper
73	100		
87	25.3	19.4	29.0
71	10.9	9.0	13.4

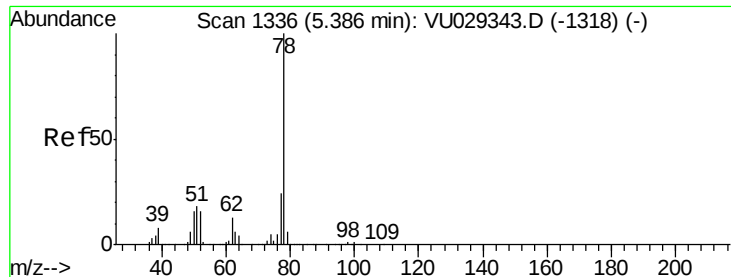


#34

Propionitrile
 Concen: 9.532 ug/l
 RT: 4.33 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.5	18.9	28.3
55	11.8	15.1	22.7#
40	5.4	7.2	10.8#





#35

Benzene

Concen: 2.031 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029369.D

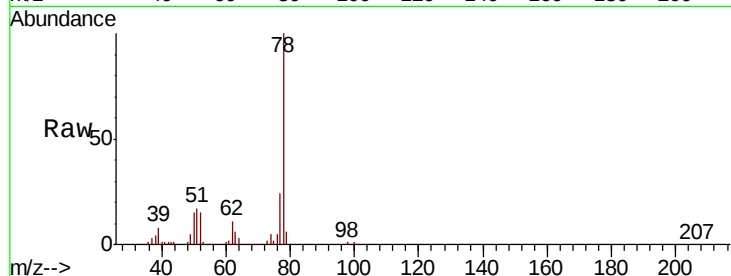
Acq: 07 Feb 2019 13:59

Tgt Ion: 78 Resp: 131028

Ion Ratio Lower Upper

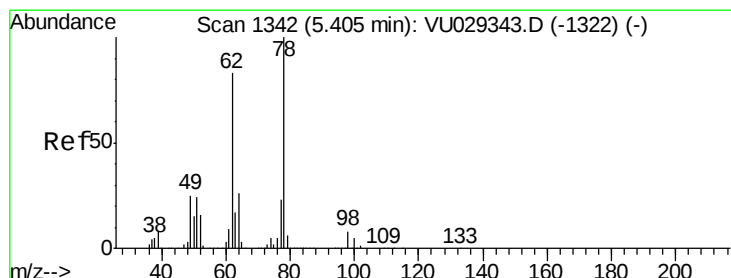
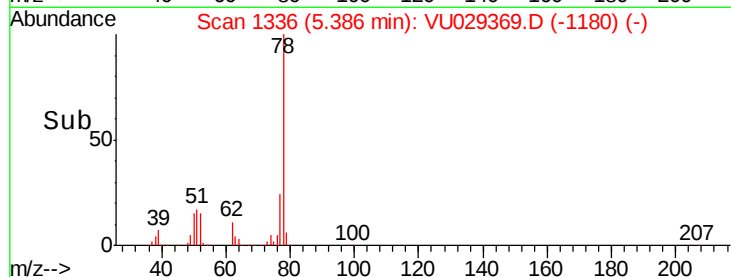
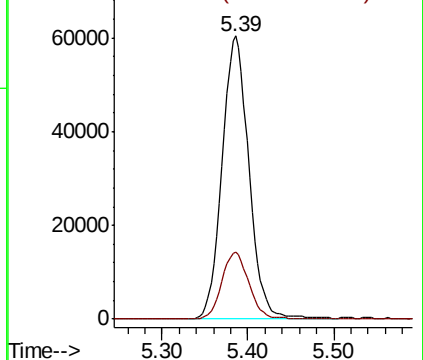
78 100

77 23.6 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.927 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029369.D

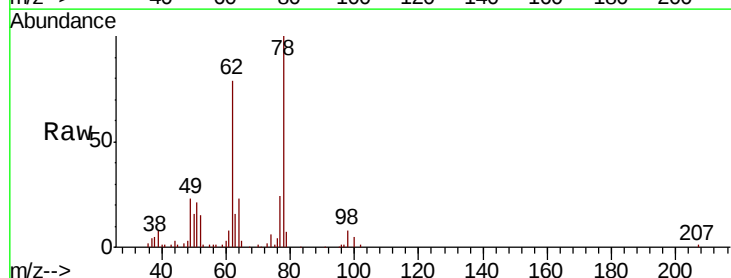
Acq: 07 Feb 2019 13:59

Tgt Ion: 62 Resp: 37595

Ion Ratio Lower Upper

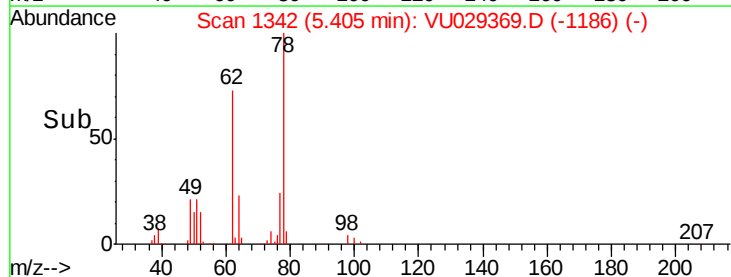
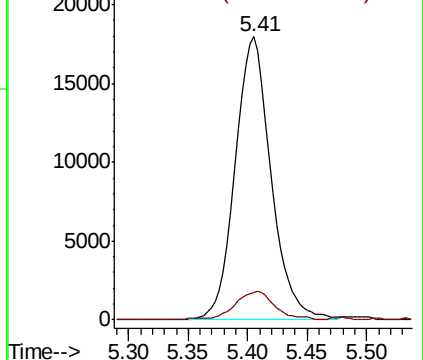
62 100

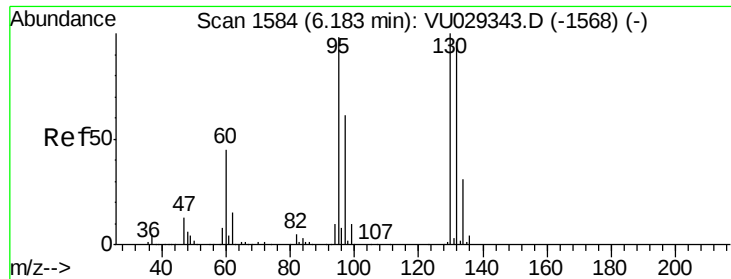
98 10.8 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 2.147 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029369.D

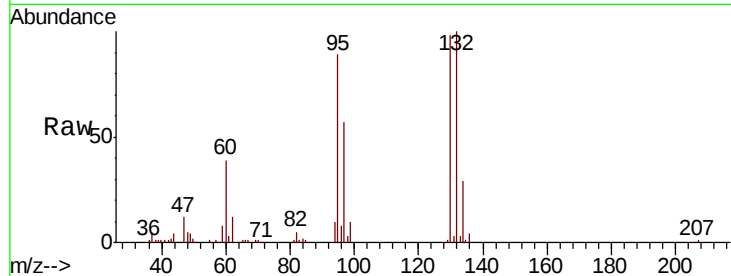
Acq: 07 Feb 2019 13:59

Tgt Ion: 130 Resp: 39753

Ion Ratio Lower Upper

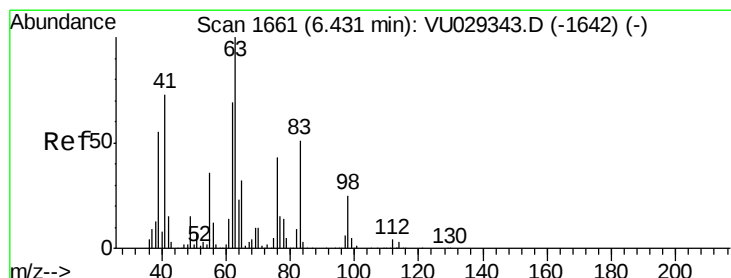
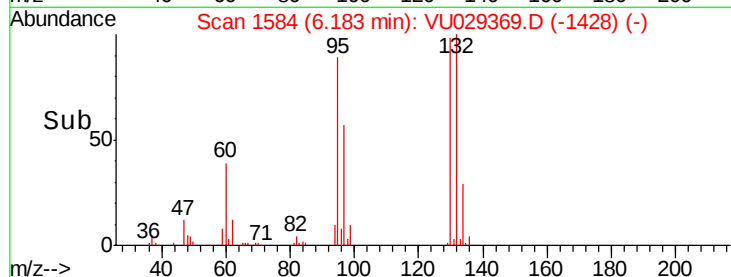
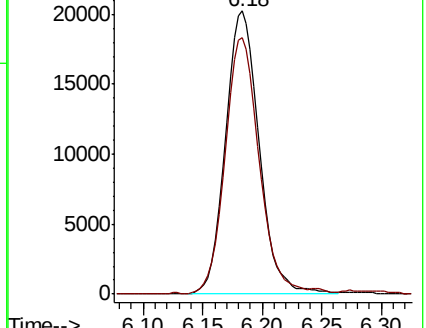
130 100

95 90.5 85.4 128.0



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

Ion 94.90 (94.60 to 95.60): VU029369.D (-1428) (-)



#38

1,2-Dichloropropane

Concen: 1.939 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029369.D

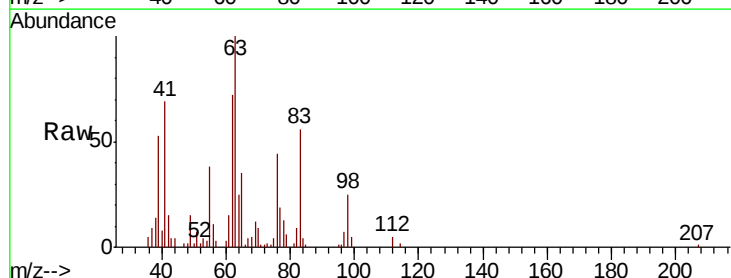
Acq: 07 Feb 2019 13:59

Tgt Ion: 63 Resp: 32540

Ion Ratio Lower Upper

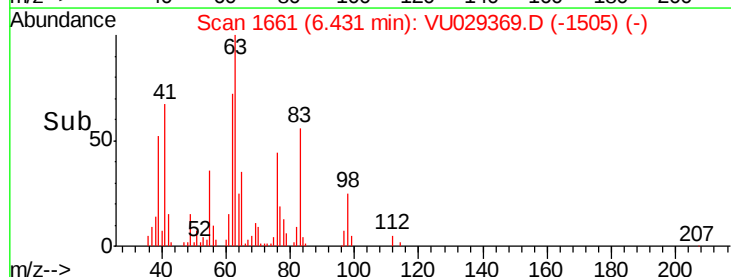
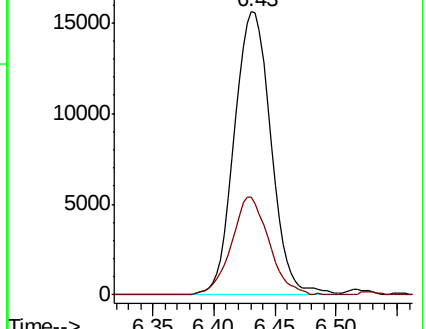
63 100

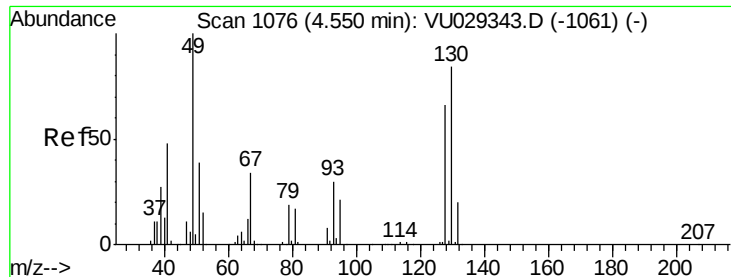
65 34.6 25.5 38.3



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

Ion 65.00 (64.70 to 65.70): VU029369.D (-1505) (-)





#39

Methacrylonitrile

Concen: 1.910 ug/l

RT: 4.55 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 41 Resp: 10441

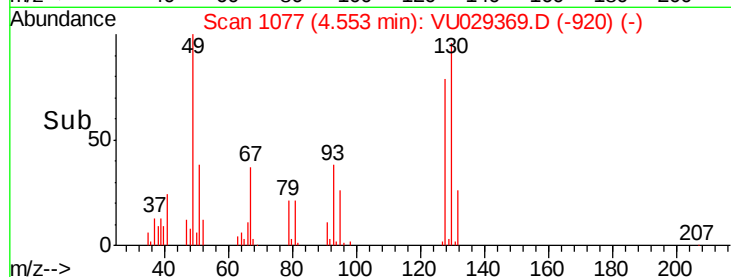
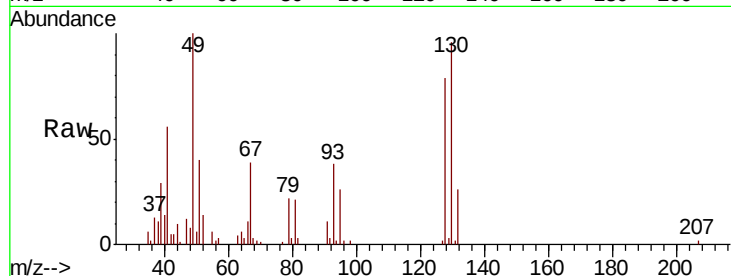
Ion Ratio Lower Upper

41 100

67 76.8 50.1 75.1#

39 50.1 47.9 71.9

52 26.4 24.8 37.2

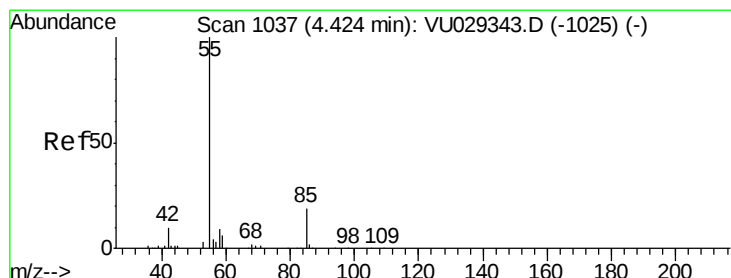
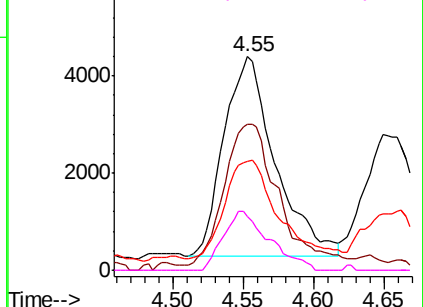


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 1.751 ug/l

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 55 Resp: 14454

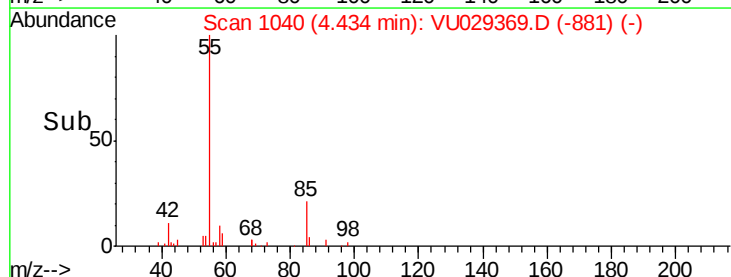
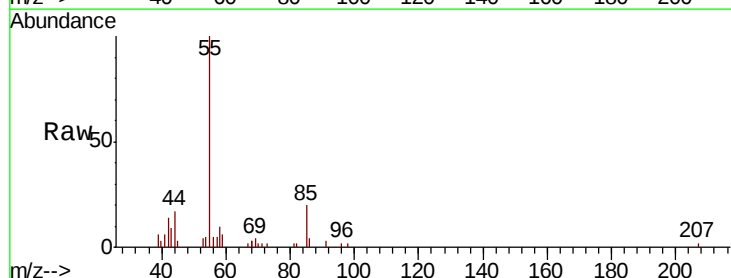
Ion Ratio Lower Upper

55 100

85 21.9 11.3 16.9#

58 8.9 6.2 9.4

42 9.7 10.1 15.1#

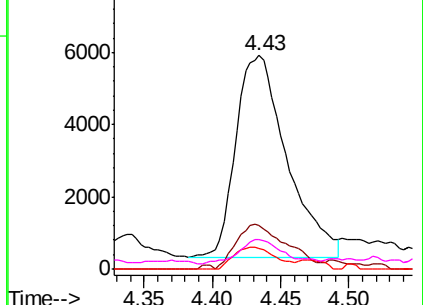


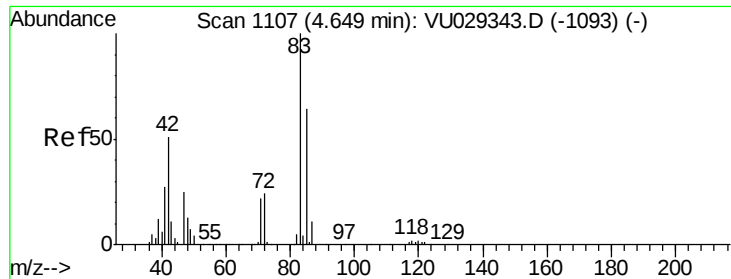
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 3.477 ug/l

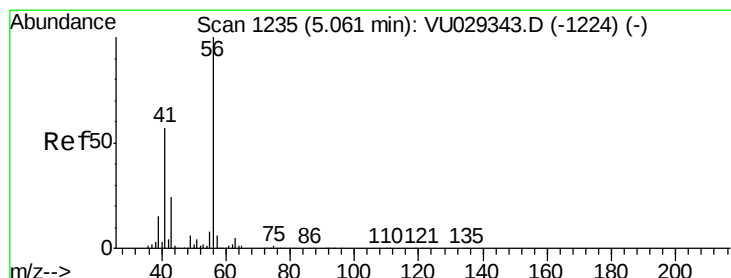
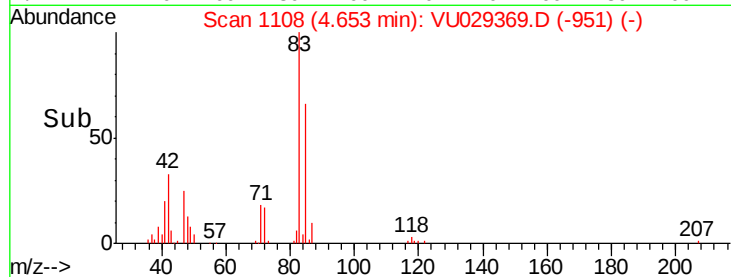
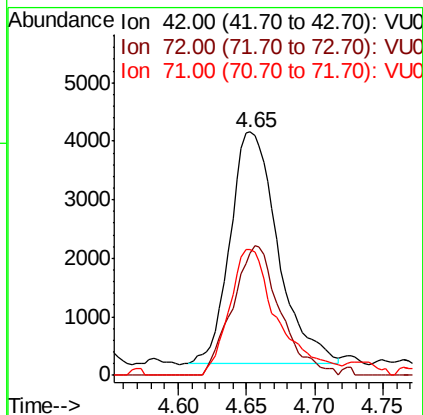
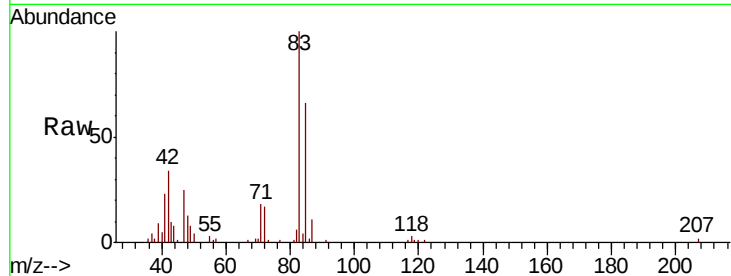
RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion:	42	Resp:	9575
Ion	Ratio	Lower	Upper
42	100		
72	55.9	33.1	49.7#
71	55.8	30.2	45.2#



#42

1-Chlorobutane

Concen: 1.877 ug/l

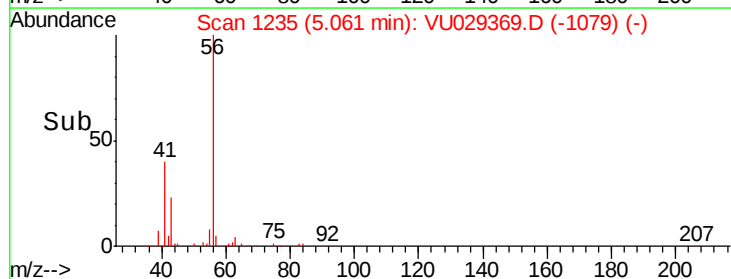
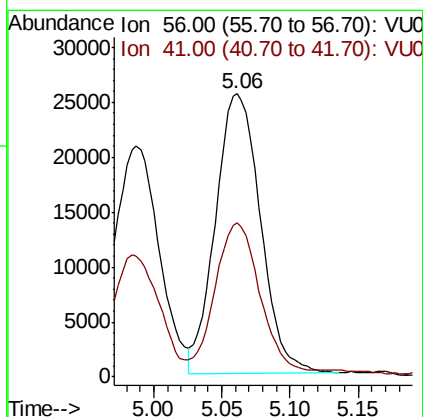
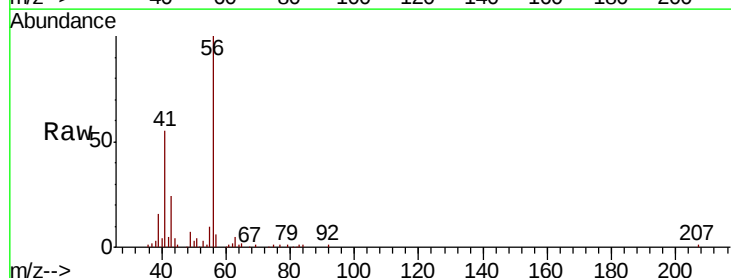
RT: 5.06 min Scan# 1235

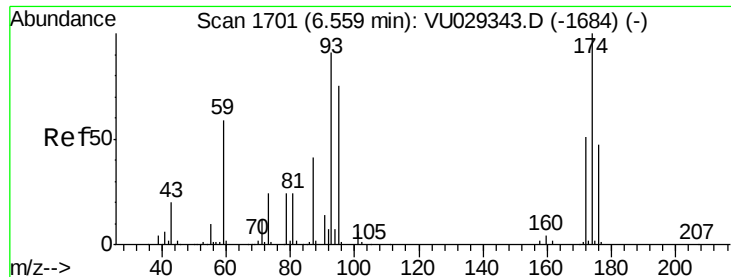
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion:	56	Resp:	58658
Ion	Ratio	Lower	Upper
56	100		
41	51.9	31.3	93.8





#43

Dibromomethane

Concen: 1.993 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

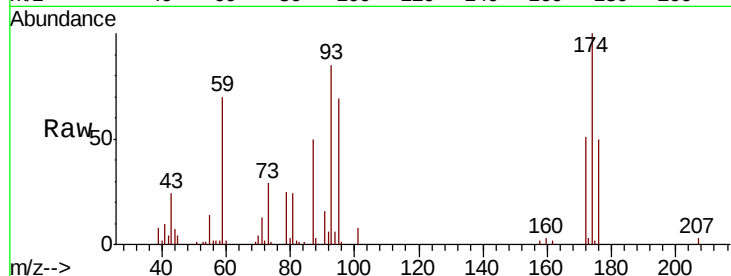
Tgt Ion: 93 Resp: 17824

Ion Ratio Lower Upper

93 100

95 82.6 68.2 102.2

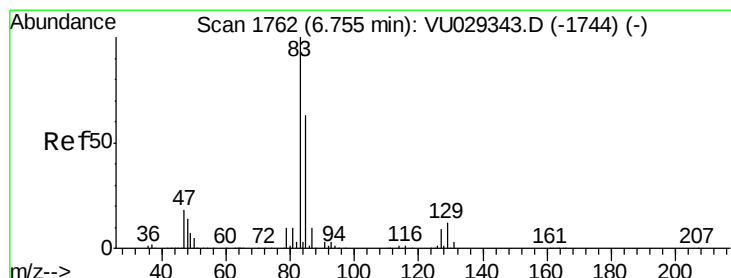
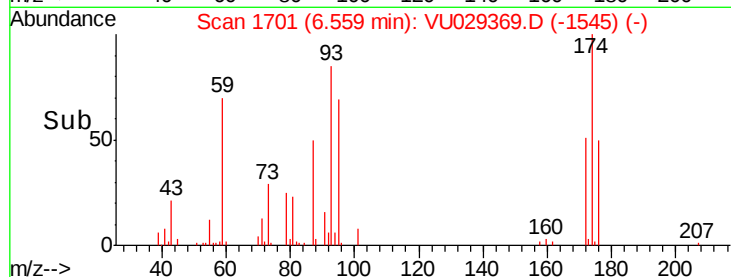
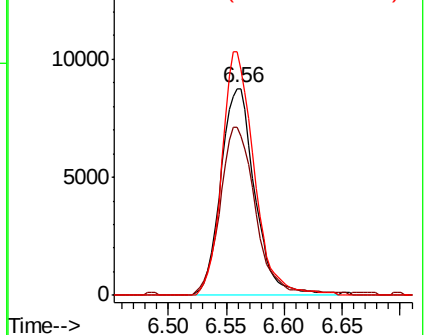
174 110.8 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU029343.D (-1684) (-)

Ion 95.00 (94.70 to 95.70): VU029343.D (-1684) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-1684) (-)



#44

Bromodichloromethane

Concen: 1.958 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

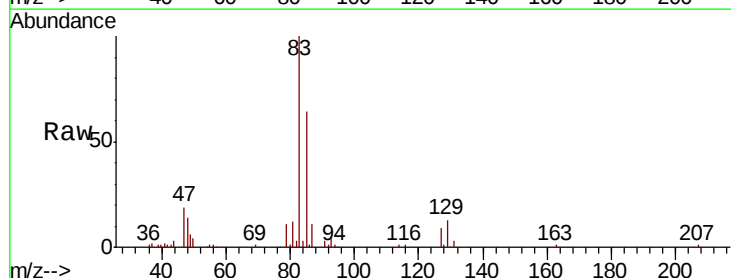
Tgt Ion: 83 Resp: 44623

Ion Ratio Lower Upper

83 100

85 63.9 49.2 73.8

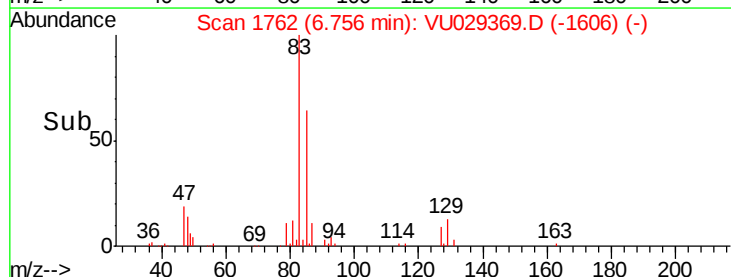
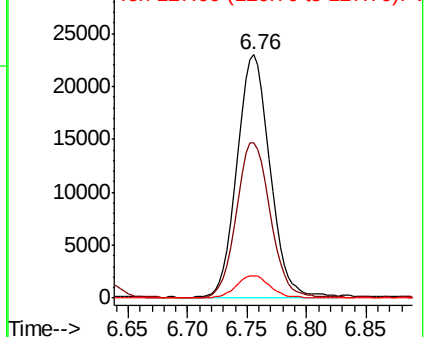
127 9.3 7.0 10.6

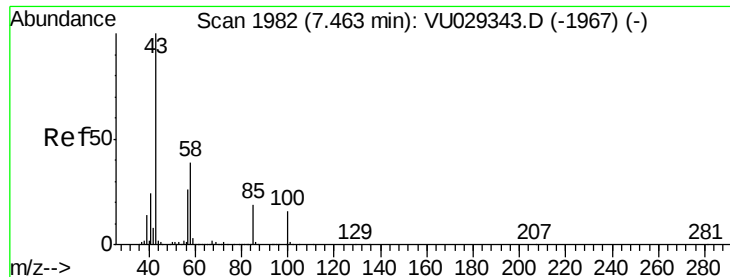


Abundance Ion 83.00 (82.70 to 83.70): VU029343.D (-1744) (-)

Ion 85.00 (84.70 to 85.70): VU029343.D (-1744) (-)

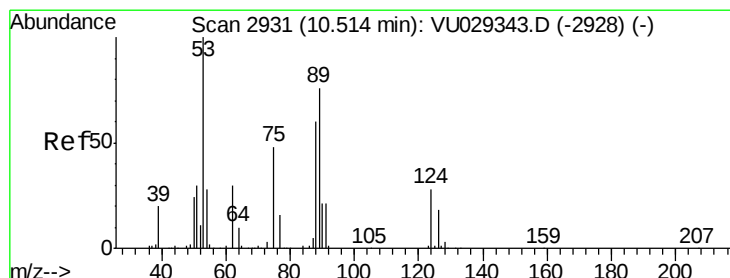
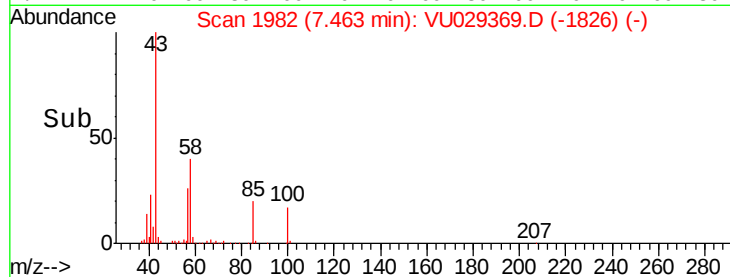
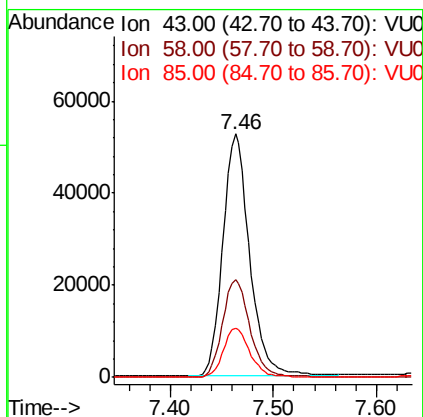
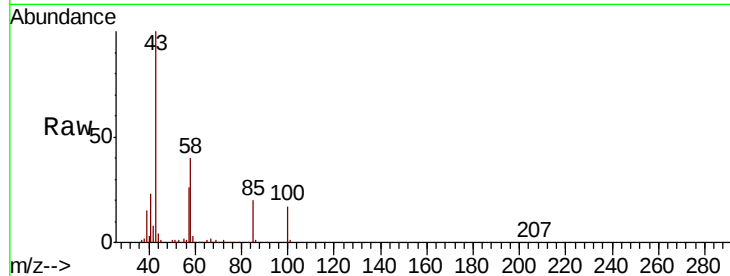
Ion 127.00 (126.70 to 127.70): VU029343.D (-1744) (-)





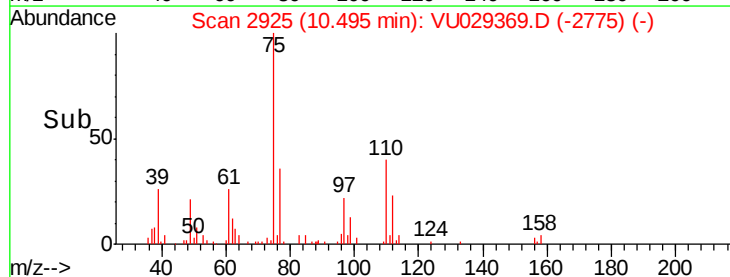
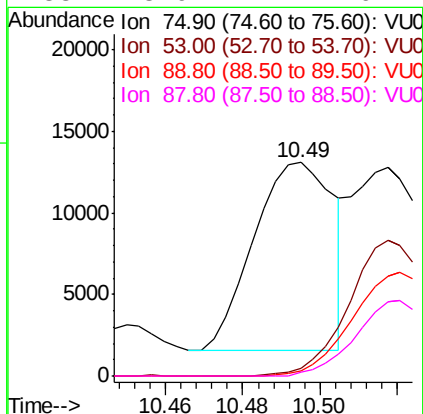
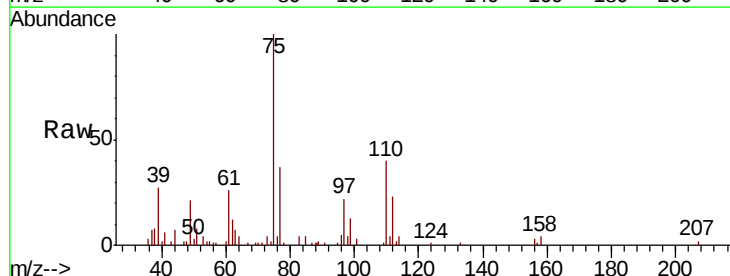
#45
 4-Methyl-2-Pentanone
 Concen: 9.105 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

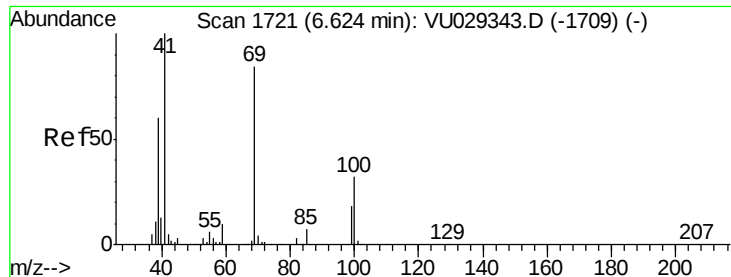
Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	17.6	52.8
85	20.2	12.3	18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.229 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

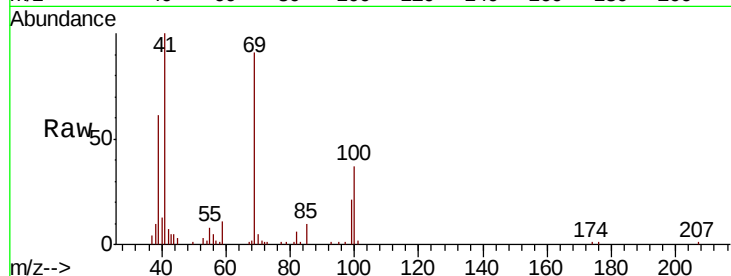
Tgt Ion	Ratio	Lower	Upper
75	100		
53	81.8	78.2	117.4
89	61.6	44.2	66.4
88	43.9	41.4	62.2



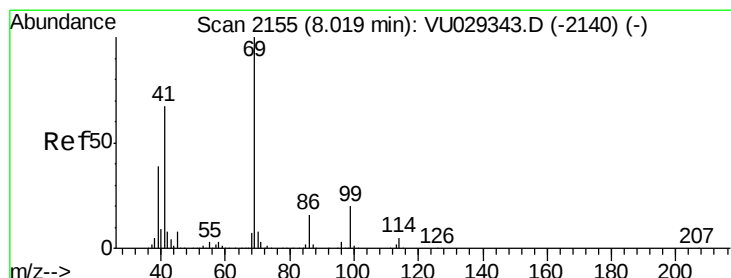
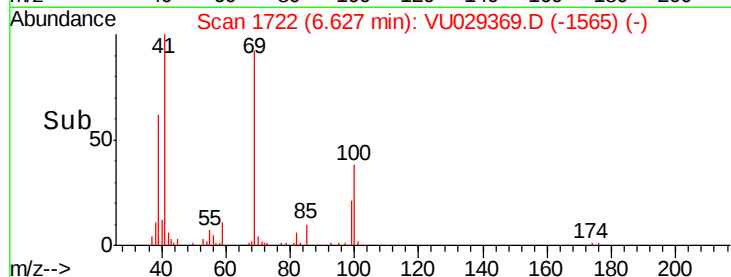
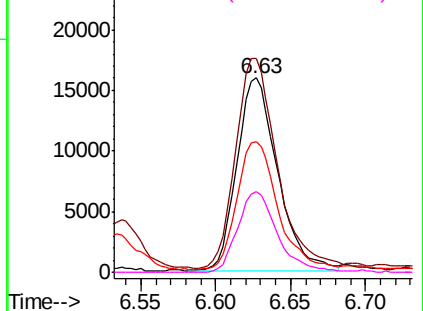


#47
Methyl methacrylate
Concen: 3.835 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion: 69 Resp: 30174
Ion Ratio Lower Upper
69 100
41 110.8 0.0 296.2
39 66.3 71.2 106.8#
100 40.6 28.6 42.8

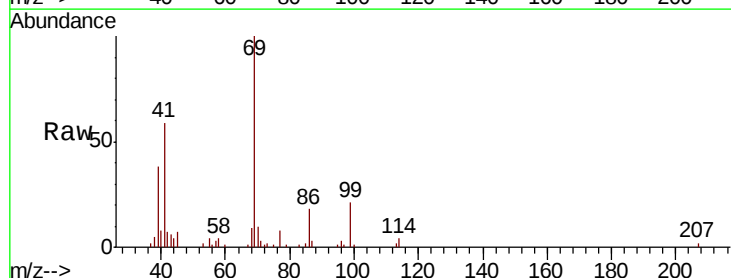


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

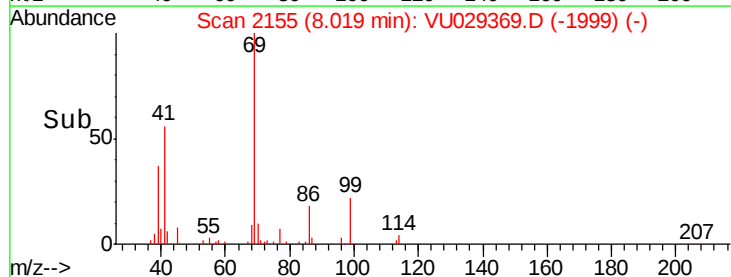
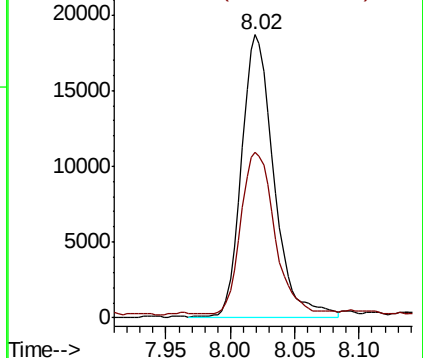


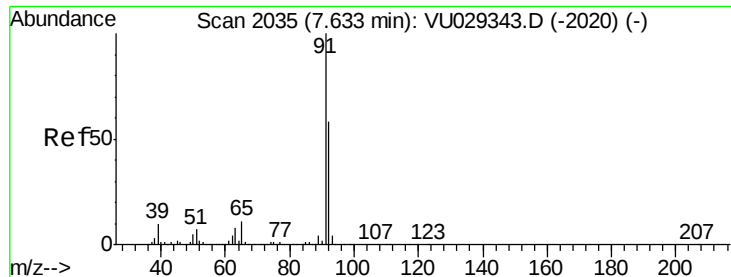
#48
Ethyl methacrylate
Concen: 1.945 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion: 69 Resp: 32828
Ion Ratio Lower Upper
69 100
41 58.9 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 2.024 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029369.D

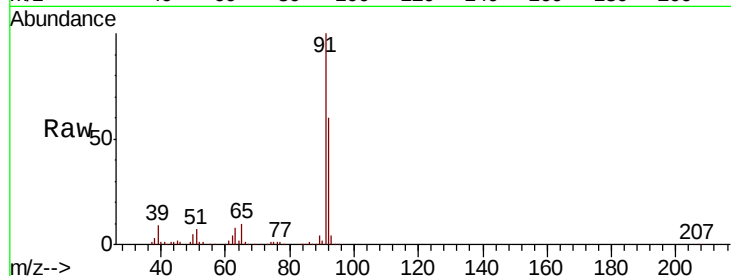
Acq: 07 Feb 2019 13:59

Tgt Ion: 92 Resp: 83554

Ion Ratio Lower Upper

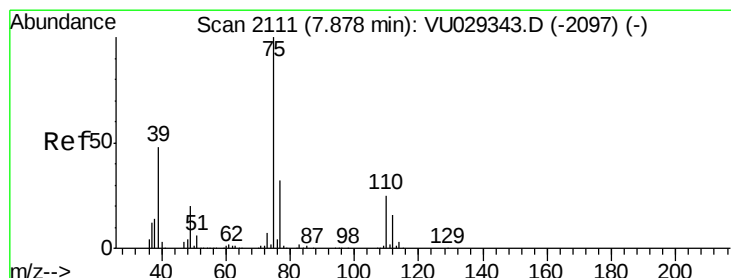
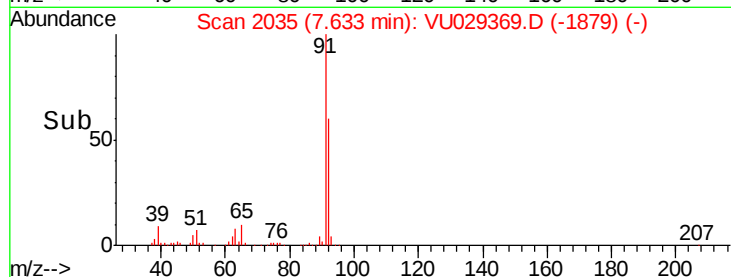
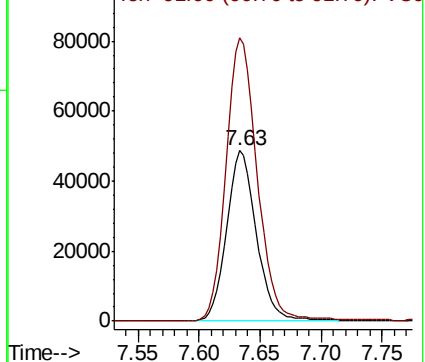
92 100

91 172.4 140.7 211.1



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: 1.906 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029369.D

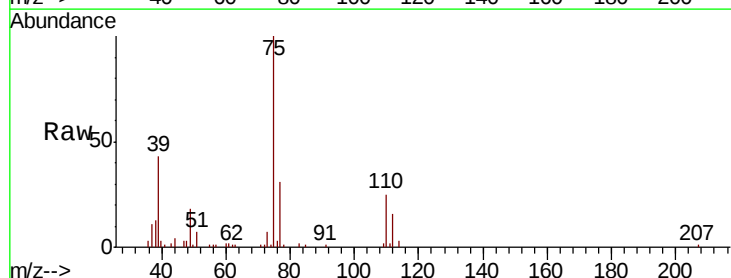
Acq: 07 Feb 2019 13:59

Tgt Ion: 75 Resp: 42568

Ion Ratio Lower Upper

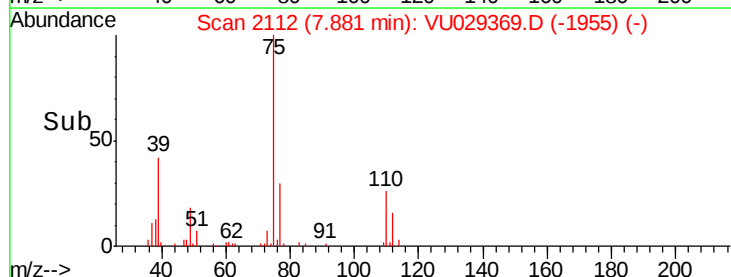
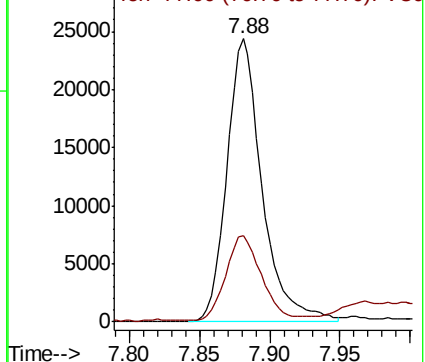
75 100

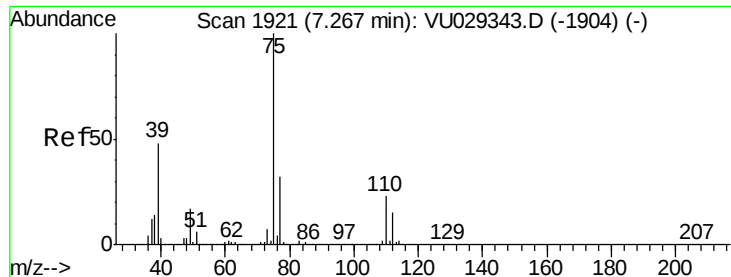
77 30.1 23.6 35.4



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: 1.975 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

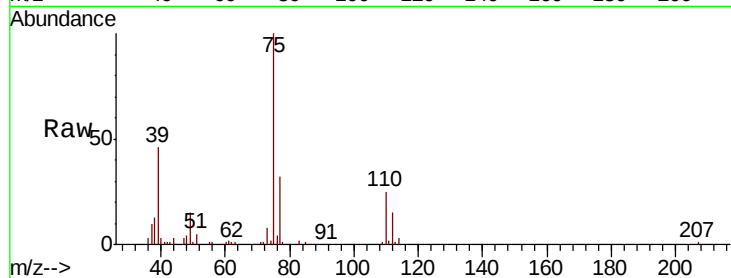
Tgt Ion: 75 Resp: 52417

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

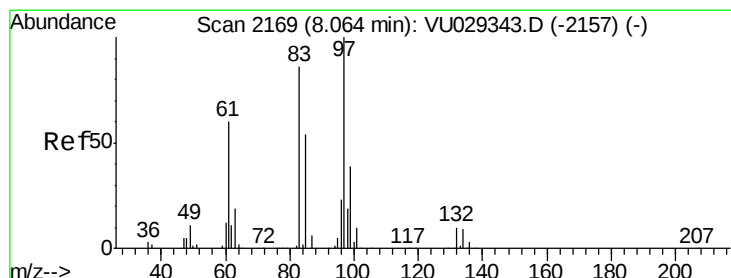
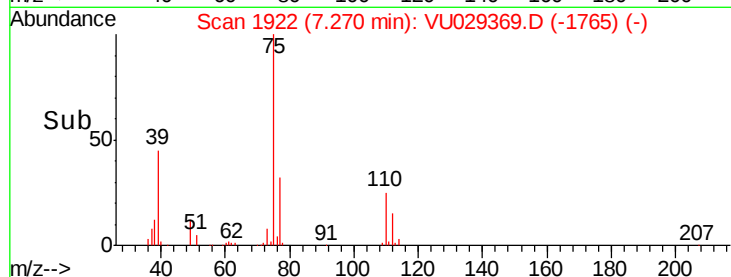
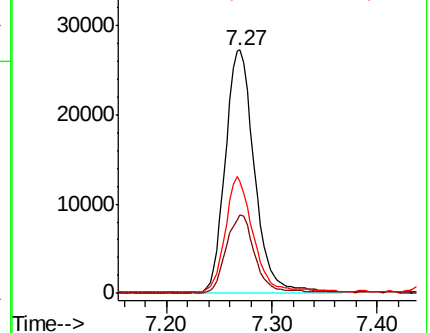
39 45.4 47.2 70.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 2.005 ug/l

RT: 8.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 97 Resp: 23735

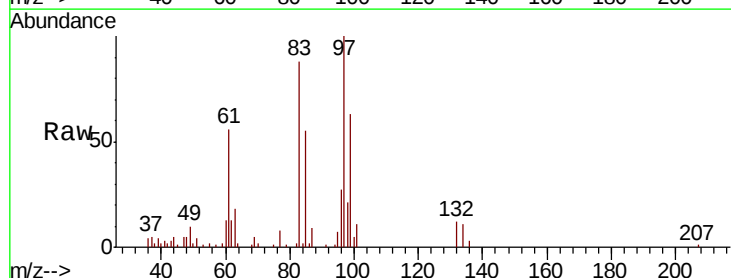
Ion Ratio Lower Upper

97 100

83 87.9 69.9 104.9

85 55.0 45.8 68.6

99 62.6 50.2 75.2

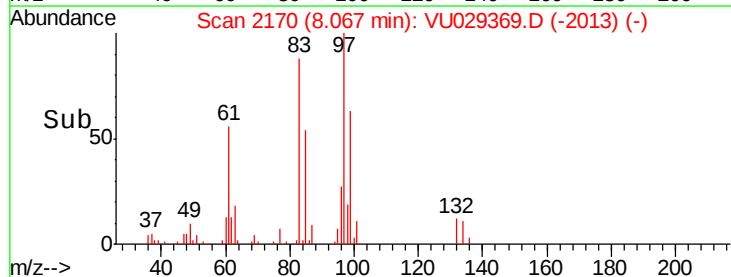
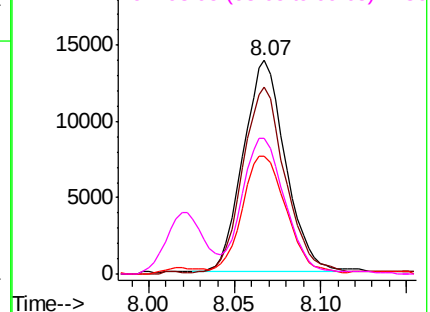


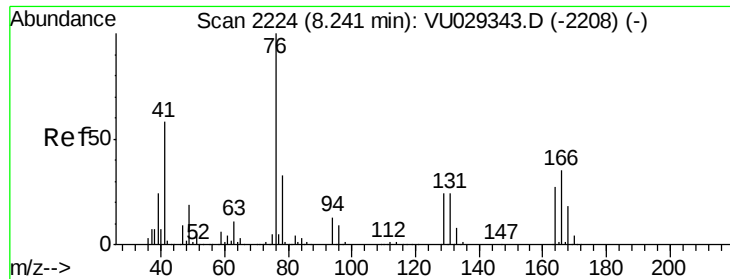
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 1.972 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VU029369.D

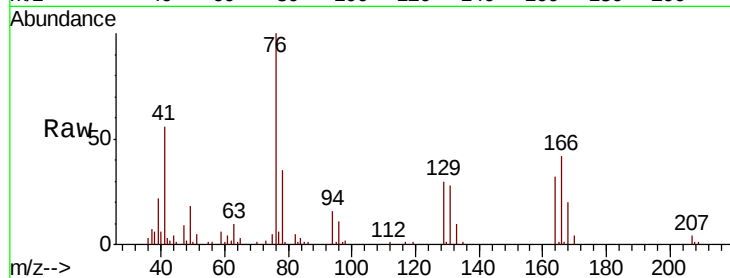
Acq: 07 Feb 2019 13:59

Tgt Ion: 76 Resp: 41011

Ion Ratio Lower Upper

76 100

78 34.8 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

8.24

25000

20000

15000

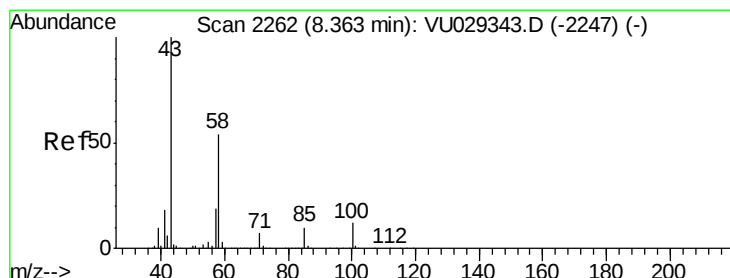
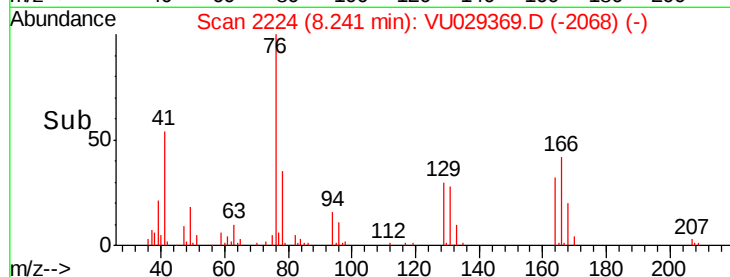
10000

5000

0

8.15 8.20 8.25 8.30 8.35

Time-->



#54

2-Hexanone

Concen: 9.045 ug/l

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

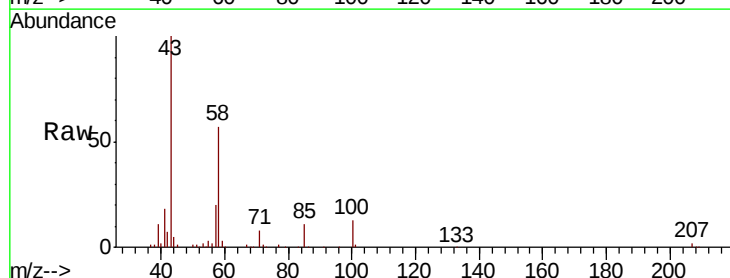
Tgt Ion: 43 Resp: 66468

Ion Ratio Lower Upper

43 100

58 58.8 26.0 66.0

57 19.4 0.0 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

8.36

50000

40000

30000

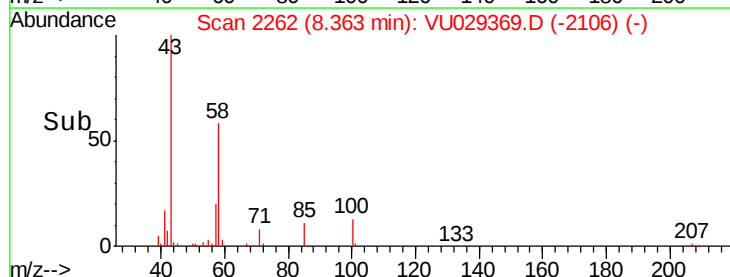
20000

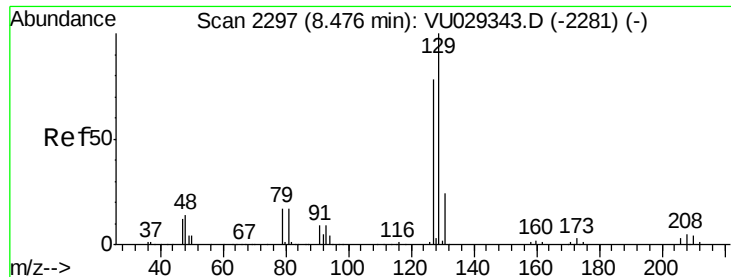
10000

0

8.30 8.35 8.40 8.45

Time-->





#55

Dibromochloromethane

Concen: 2.012 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029369.D

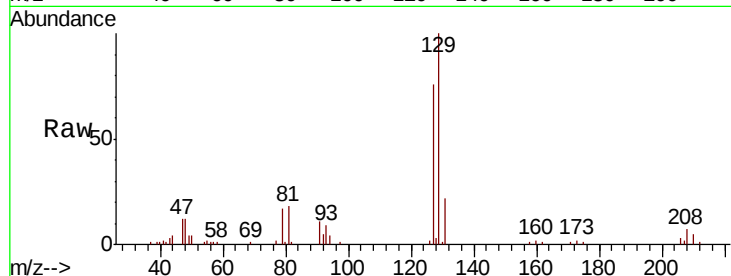
Acq: 07 Feb 2019 13:59

Tgt Ion:129 Resp: 33853

Ion Ratio Lower Upper

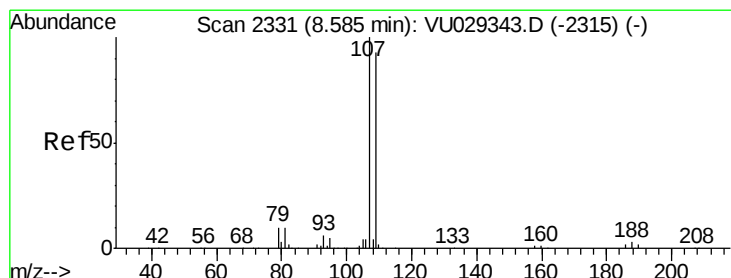
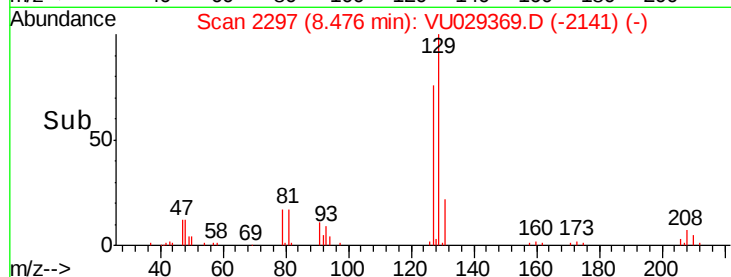
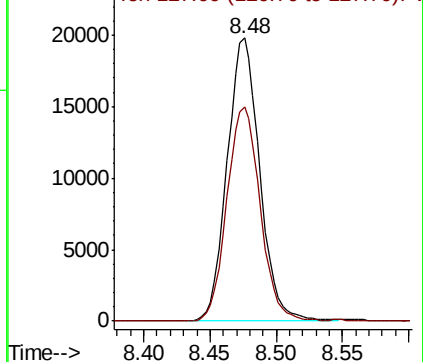
129 100

127 77.1 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: 2.018 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029369.D

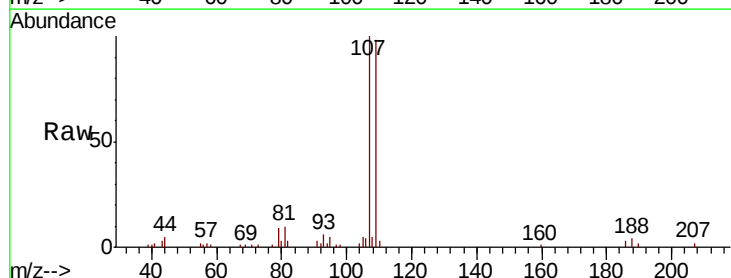
Acq: 07 Feb 2019 13:59

Tgt Ion:107 Resp: 24508

Ion Ratio Lower Upper

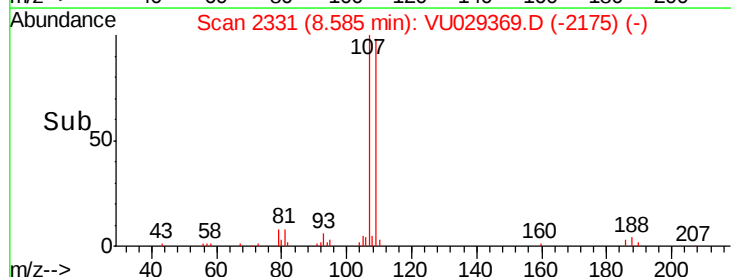
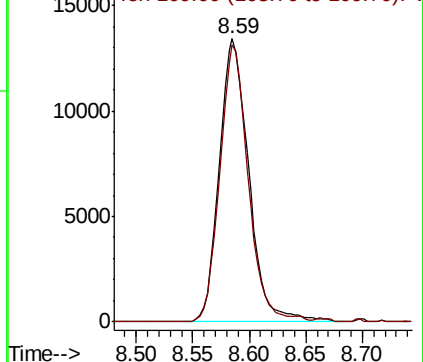
107 100

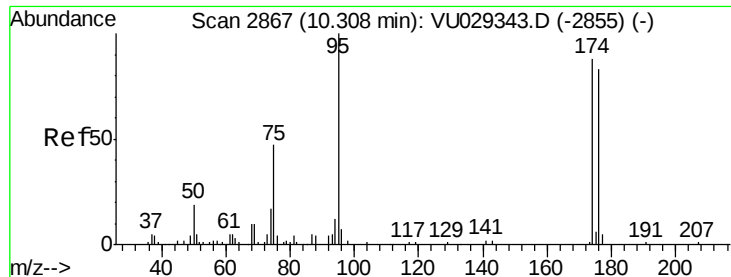
109 93.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

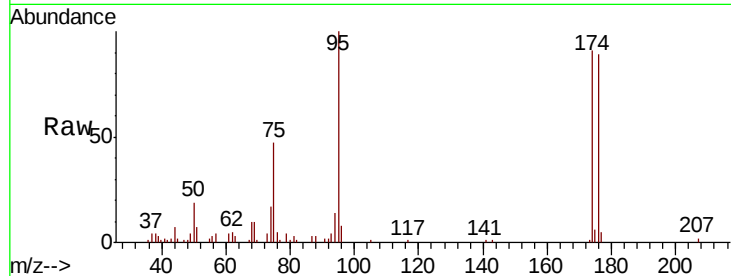
Ion 109.00 (108.70 to 109.70): V





#57
4-Bromofluorobenzene
Concen: 2.018 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.2	64.2	96.2
176	88.9	62.3	93.5

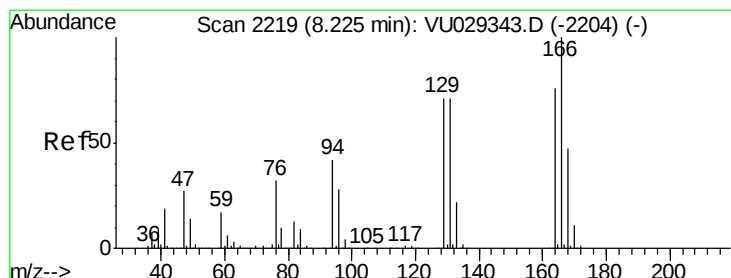
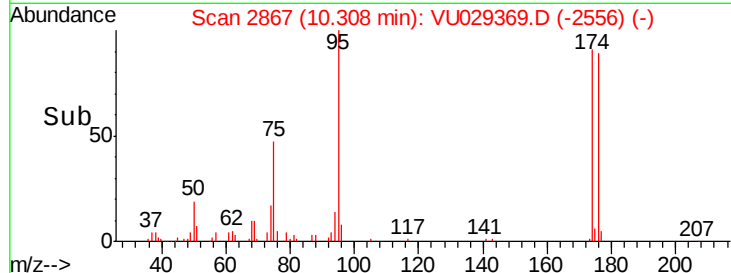
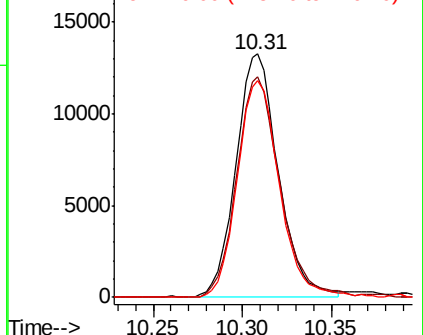


Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58
Tetrachloroethene
Concen: 2.219 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	106.6	159.8
129	88.3	79.9	119.9
131	88.7	75.8	113.8

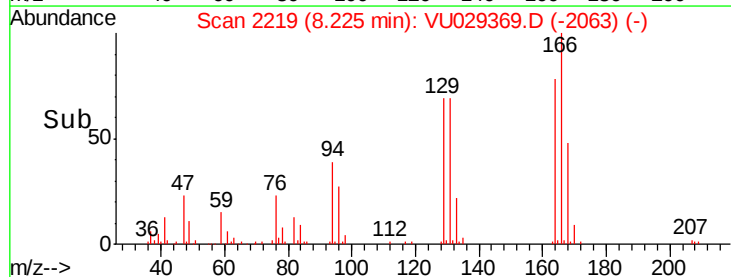
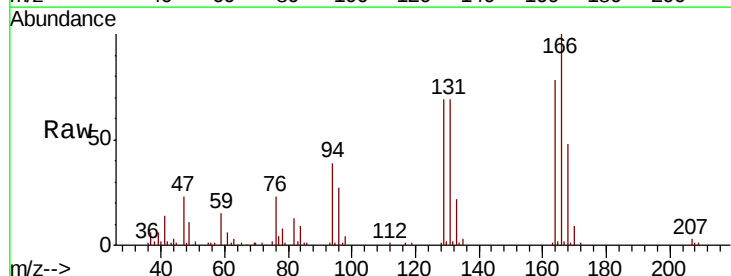
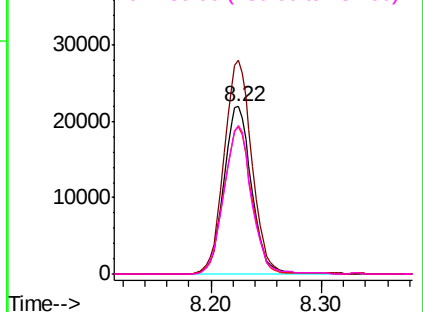
Abundance

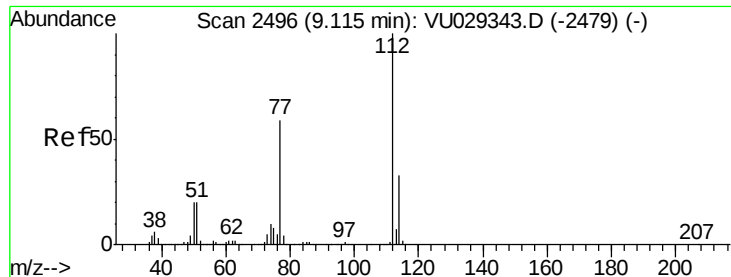
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 2.079 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029369.D

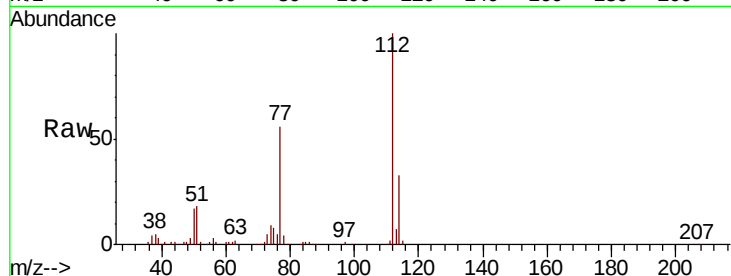
Acq: 07 Feb 2019 13:59

Tgt Ion:112 Resp: 96690

Ion Ratio Lower Upper

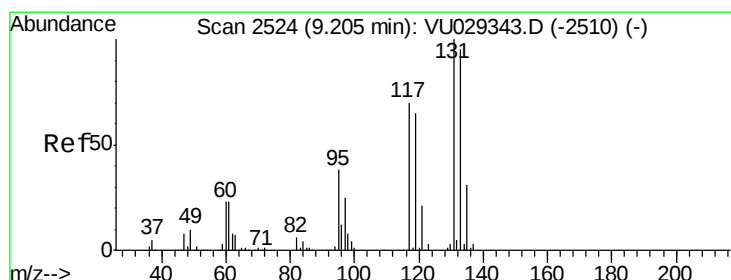
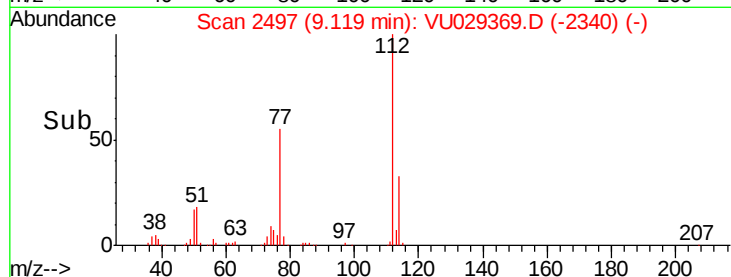
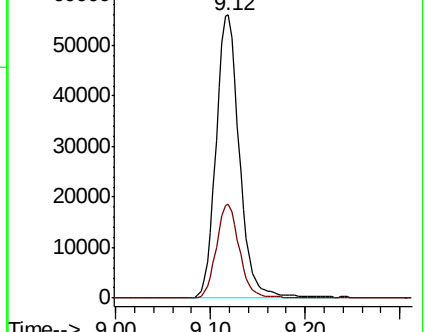
112 100

114 33.2 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: 2.102 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

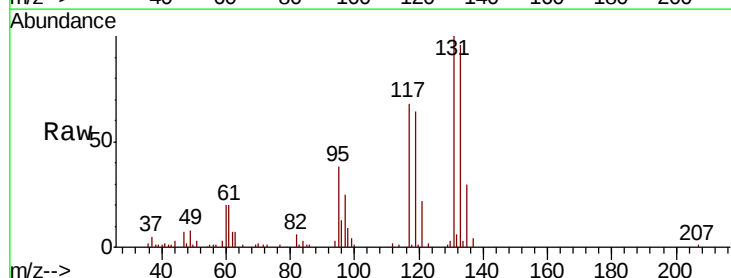
Tgt Ion:131 Resp: 36123

Ion Ratio Lower Upper

131 100

133 96.5 77.3 115.9

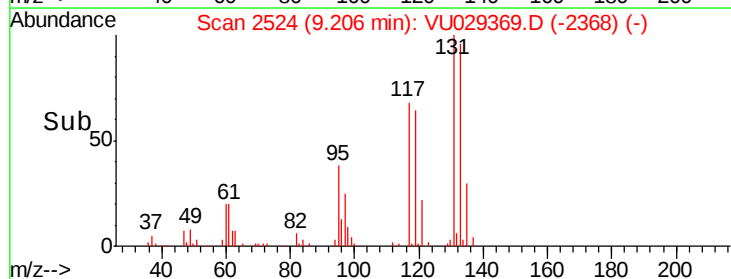
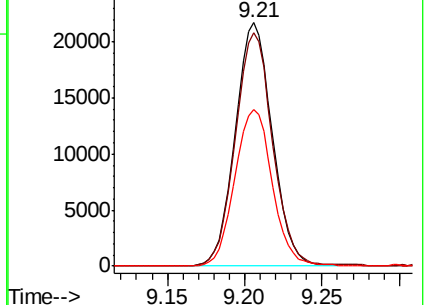
119 64.7 48.9 73.3

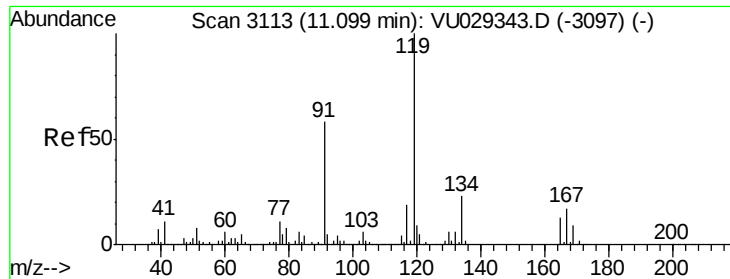


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

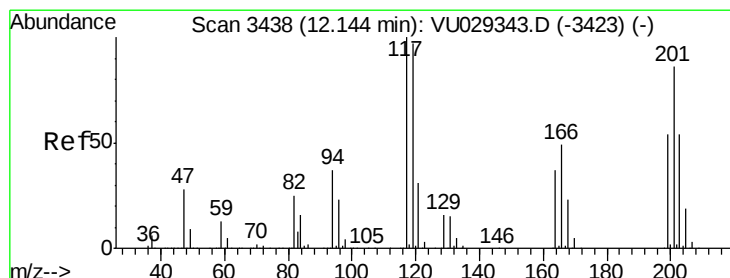
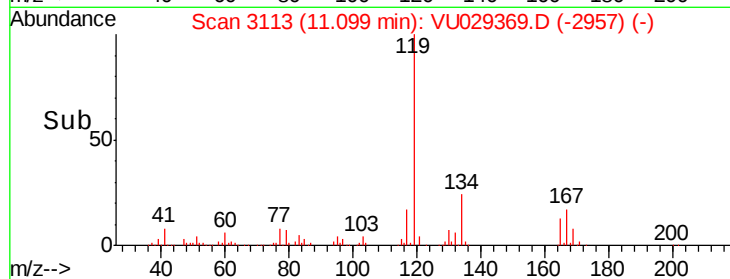
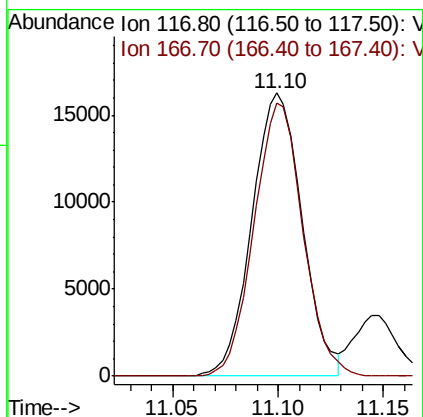
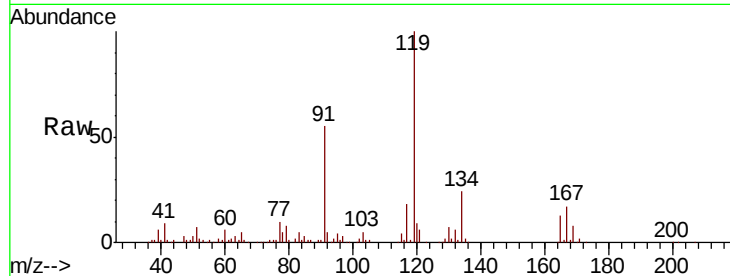
Ion 119.00 (118.70 to 119.70): V





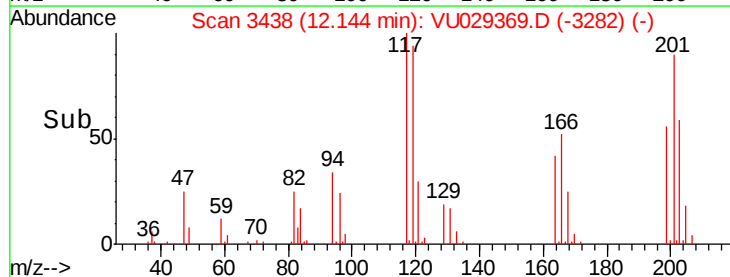
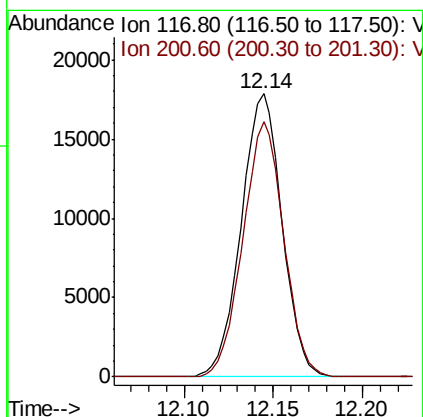
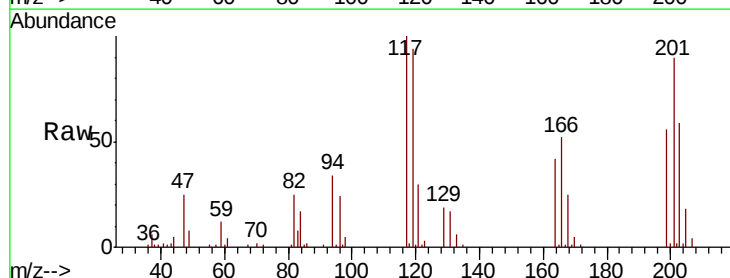
#61
 Pentachloroethane
 Concen: 2.021 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

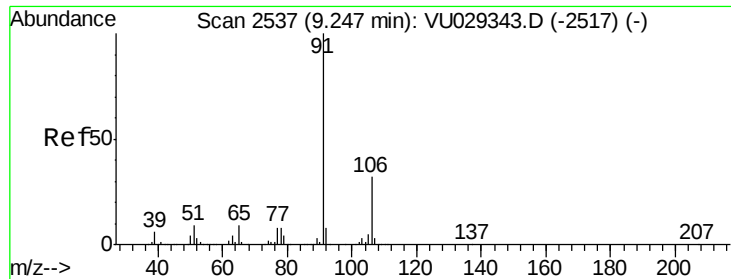
Tgt Ion:117 Resp: 26914
 Ion Ratio Lower Upper
 117 100
 167 93.7 65.9 98.9



#62
 Hexachloroethane
 Concen: 1.960 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion:117 Resp: 28497
 Ion Ratio Lower Upper
 117 100
 201 90.1 68.2 102.2





#63

Ethyl Benzene

Concen: 2.032 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU029369.D

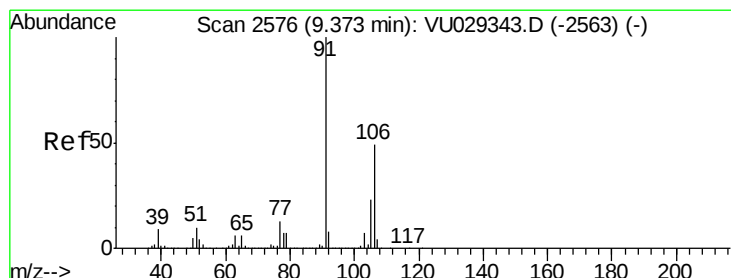
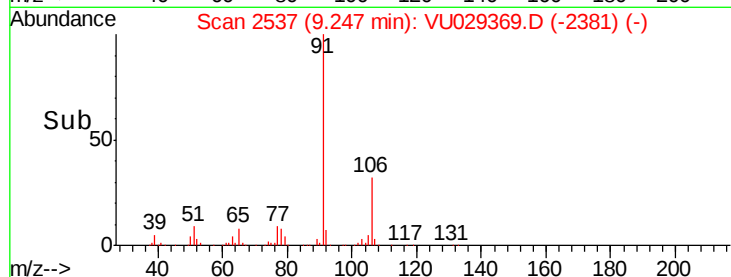
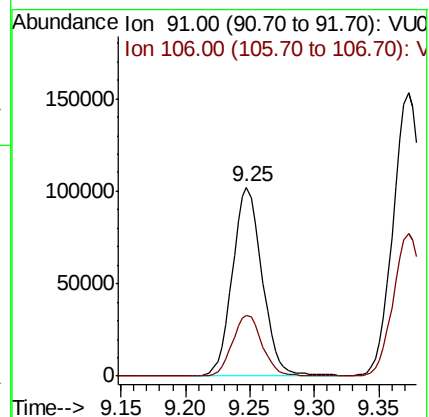
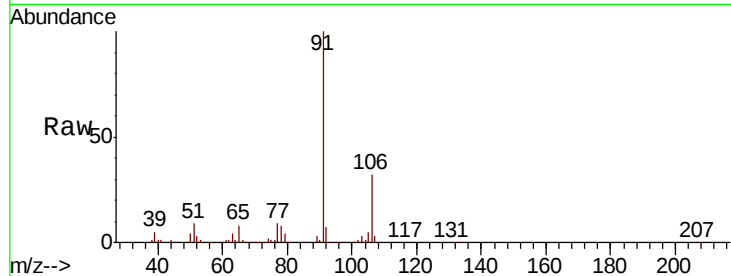
Acq: 07 Feb 2019 13:59

Tgt Ion: 91 Resp: 164126

Ion Ratio Lower Upper

91 100

106 32.4 23.8 35.6



#64

m/p-Xylenes

Concen: 4.090 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029369.D

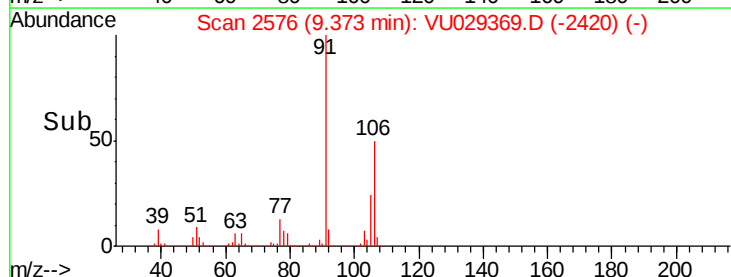
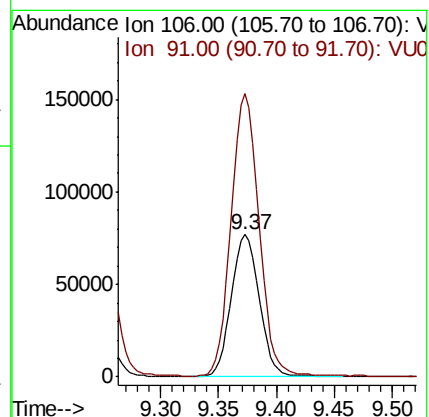
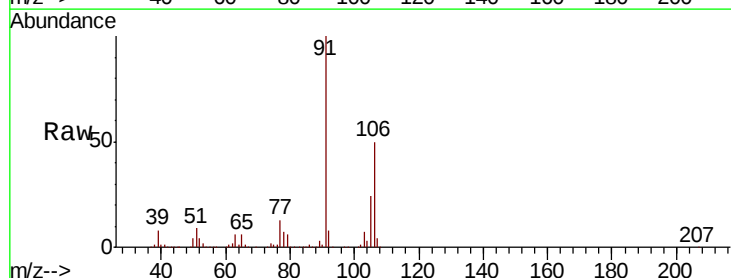
Acq: 07 Feb 2019 13:59

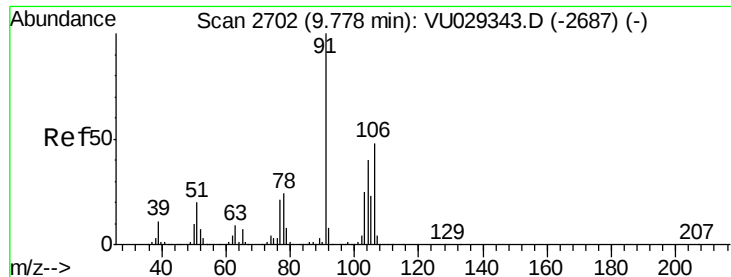
Tgt Ion: 106 Resp: 128361

Ion Ratio Lower Upper

106 100

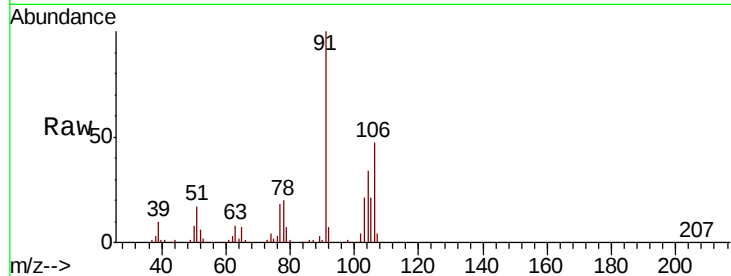
91 197.2 174.6 261.8



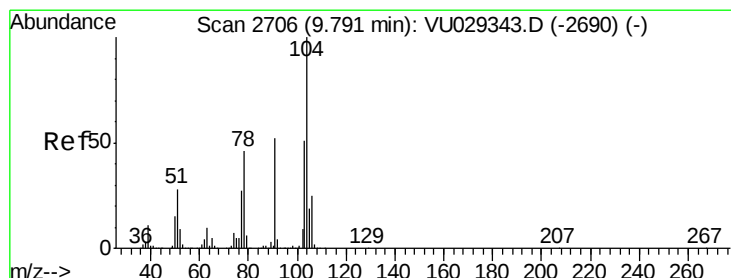
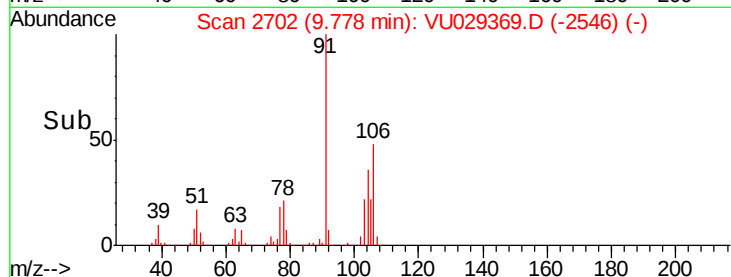
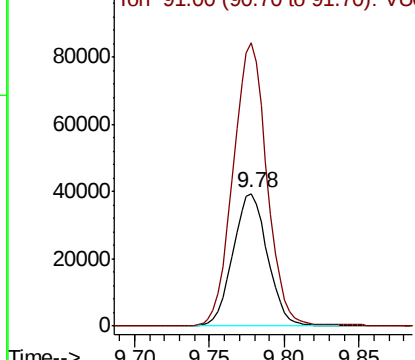


#65
o-Xylene
Concen: 2.060 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:106 Resp: 63466
Ion Ratio Lower Upper
106 100
91 209.7 114.5 343.4

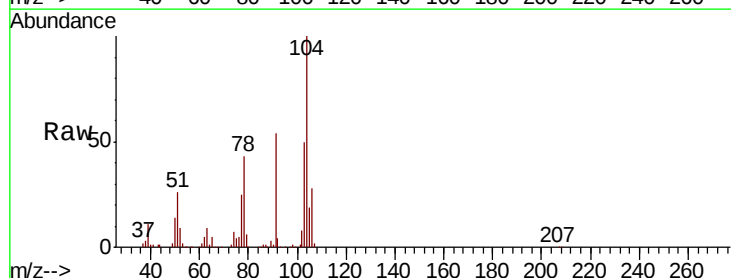


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

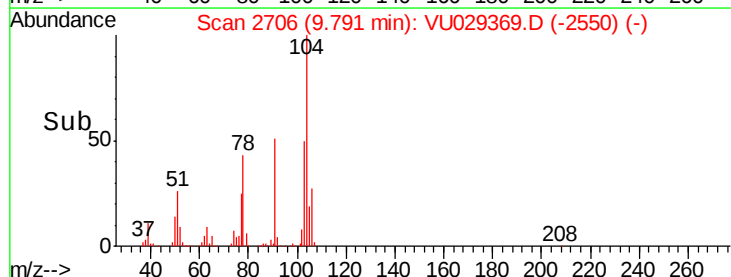
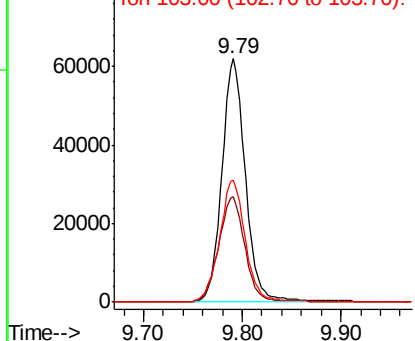


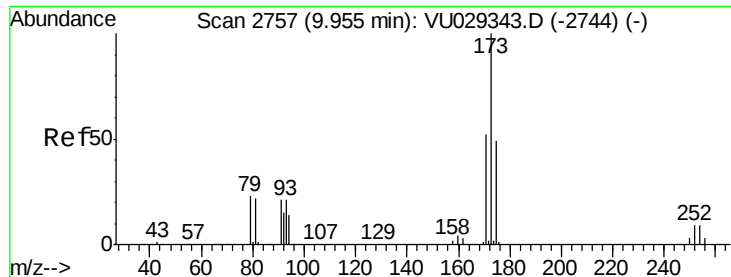
#66
Styrene
Concen: 2.027 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:104 Resp: 104121
Ion Ratio Lower Upper
104 100
78 48.5 46.5 69.7
103 54.5 44.7 67.1



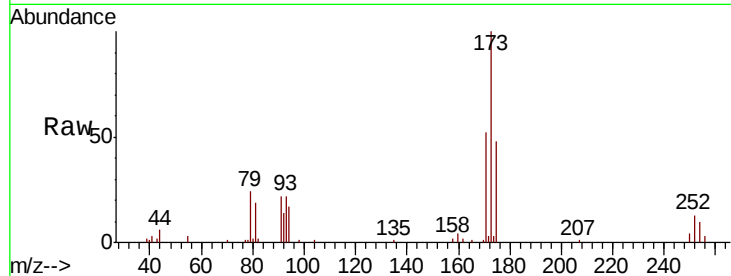
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



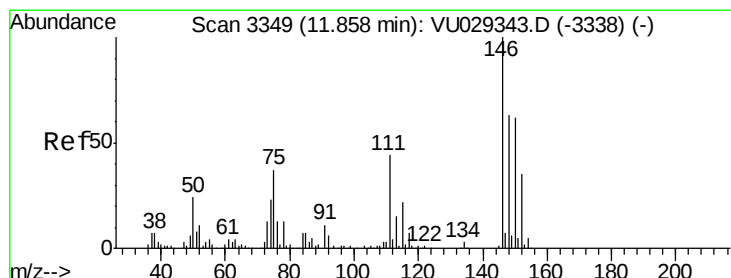
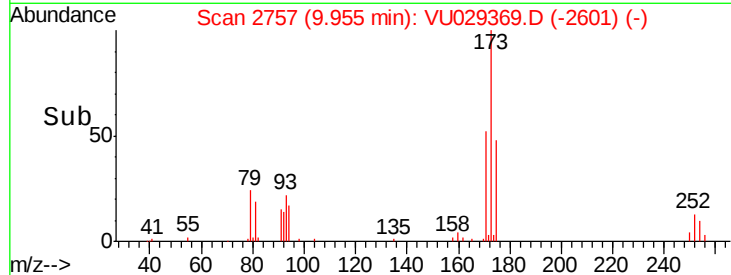
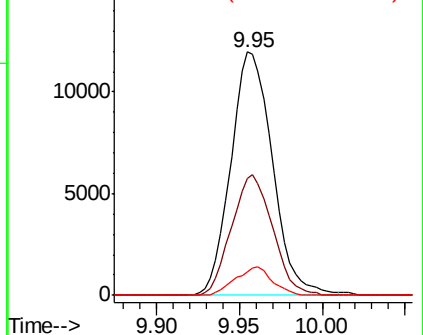


#67
 Bromoform
 Concen: 2.001 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.9	58.3
254	10.2	7.4	11.2

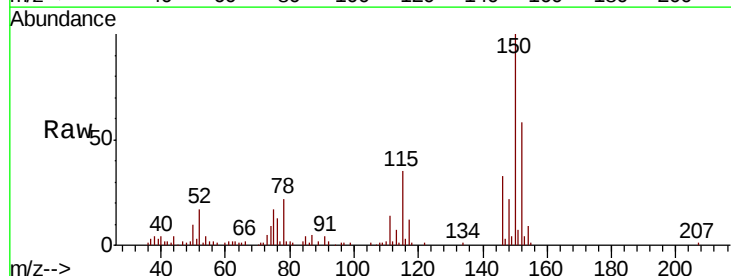


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

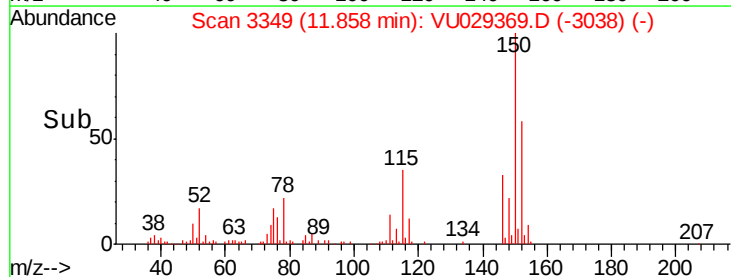
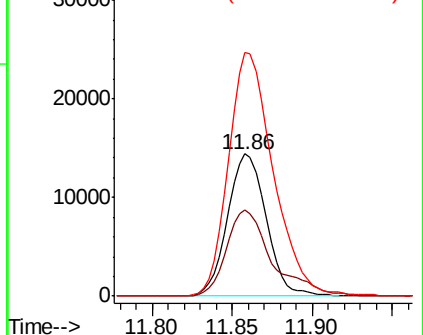


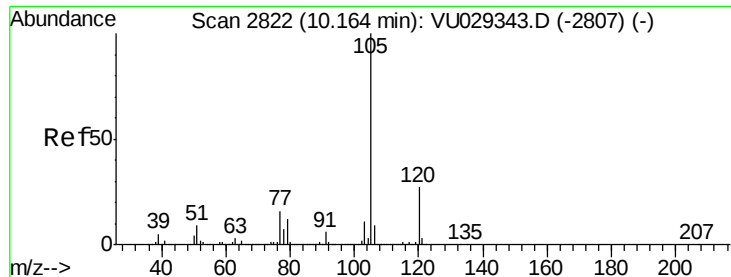
#68
 1,2-Dichlorobenzene-d4
 Concen: 2.001 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.9	0.0	133.4
150	199.7	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: 2.026 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029369.D

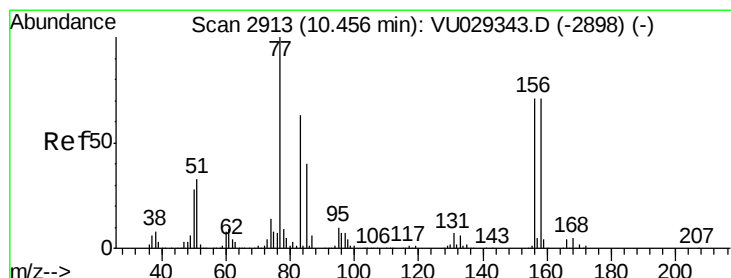
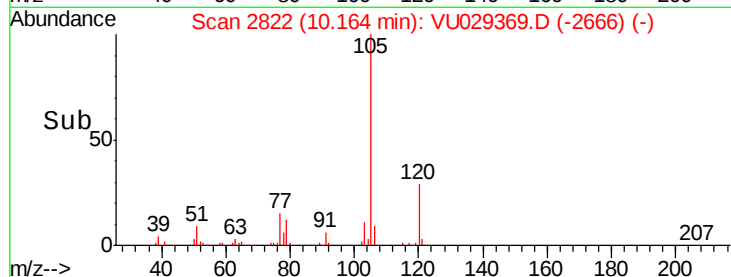
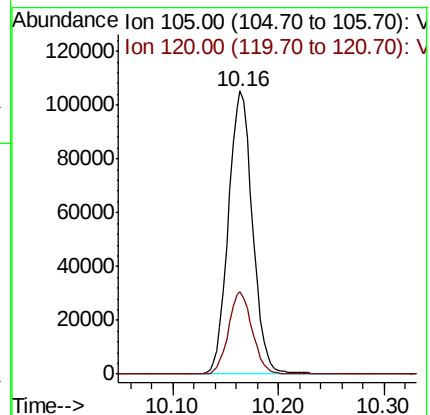
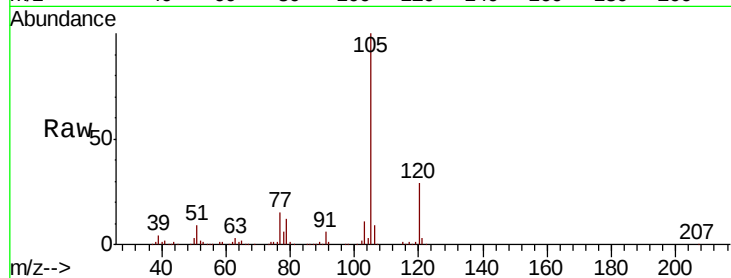
Acq: 07 Feb 2019 13:59

Tgt Ion: 105 Resp: 166757

Ion Ratio Lower Upper

105 100

120 28.4 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.999 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

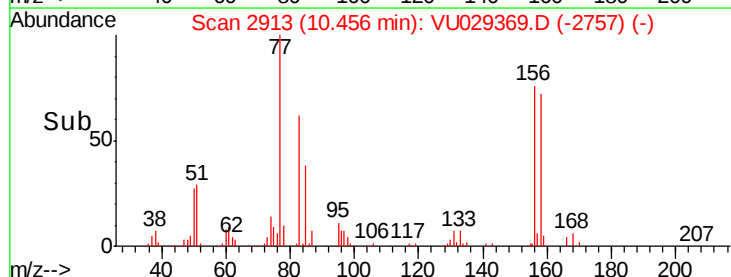
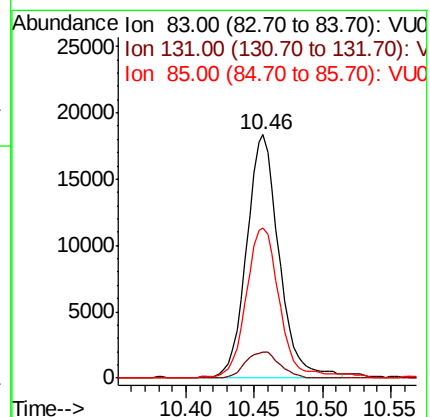
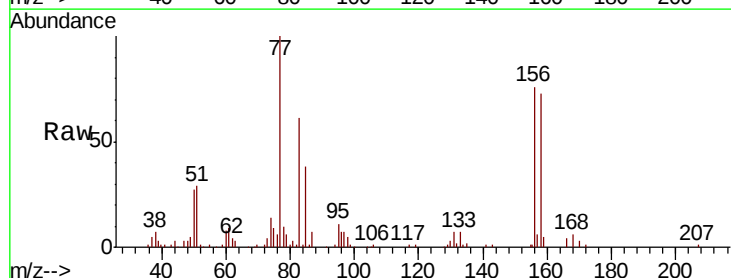
Tgt Ion: 83 Resp: 30337

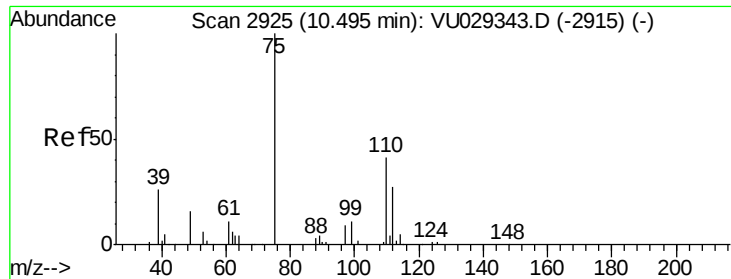
Ion Ratio Lower Upper

83 100

131 11.3 8.1 12.1

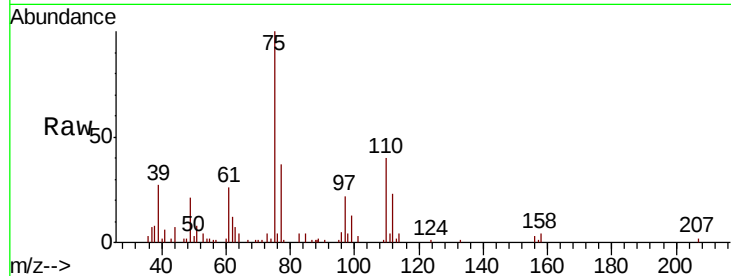
85 63.1 50.3 75.5



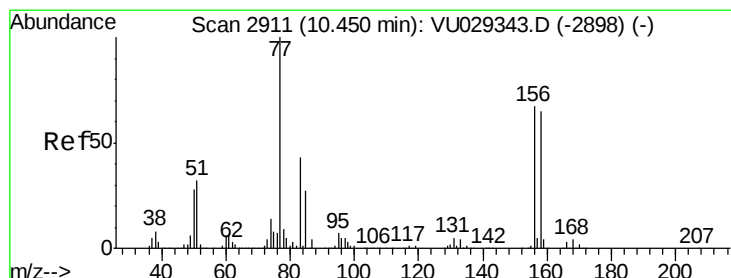
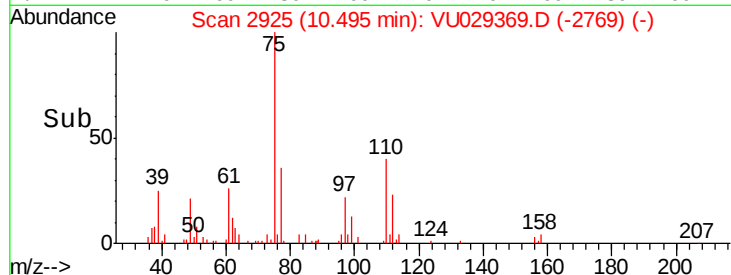
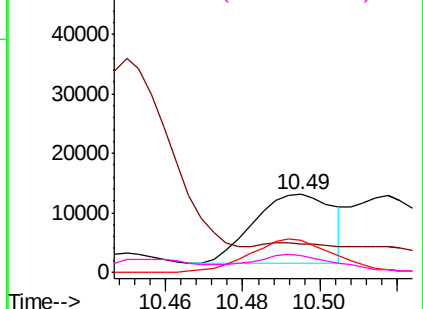


#71
 1,2,3-Trichloropropane
 Concen: 1.582 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion:	75	Resp:	16491
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	51.7	0.0	63.6
97	29.3	0.0	31.4

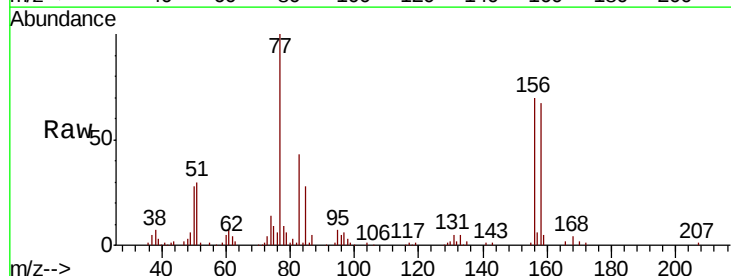


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

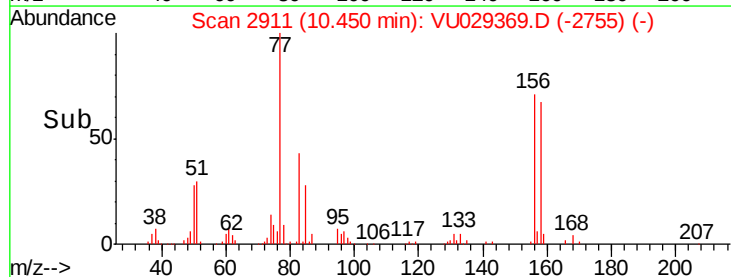
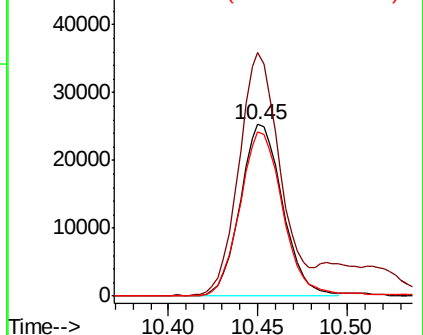


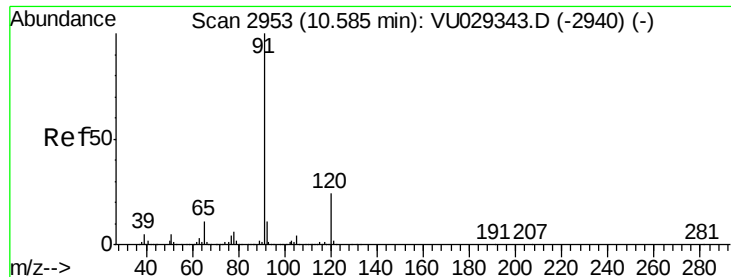
#72
 Bromobenzene
 Concen: 2.101 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion:	156	Resp:	41921
Ion	Ratio	Lower	Upper
156	100		
77	136.5	0.0	343.8
158	97.7	0.0	195.0



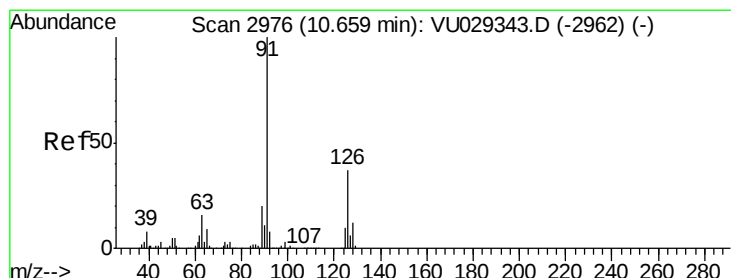
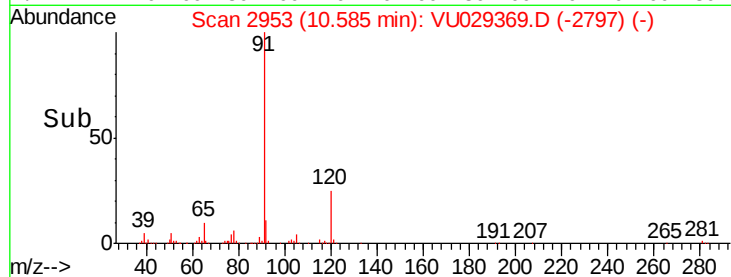
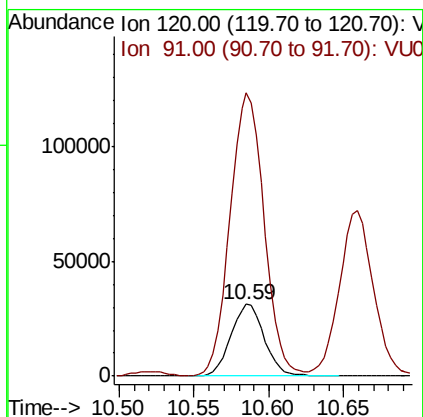
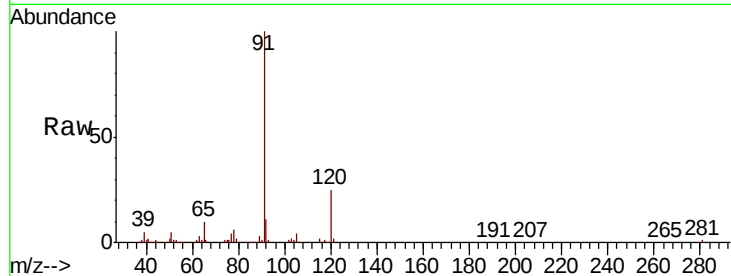
Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





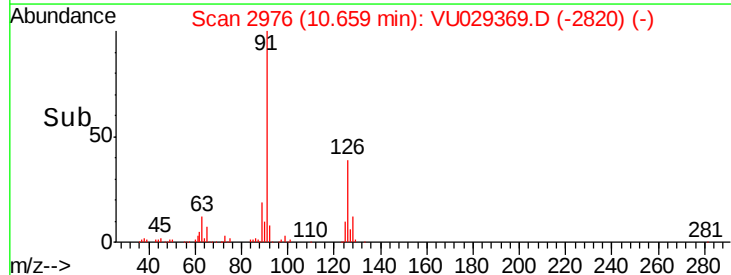
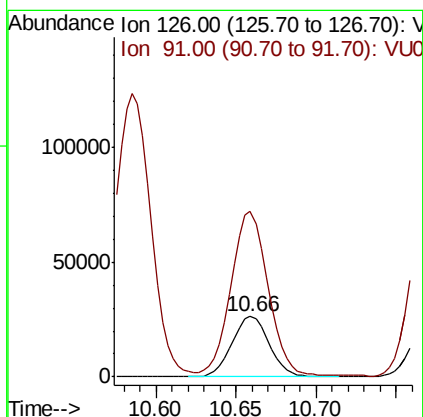
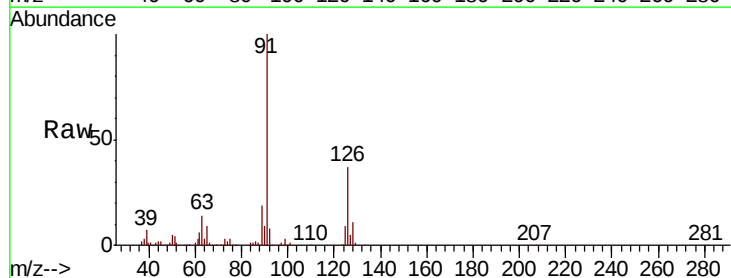
#73
n-propylbenzene
Concen: 2.130 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

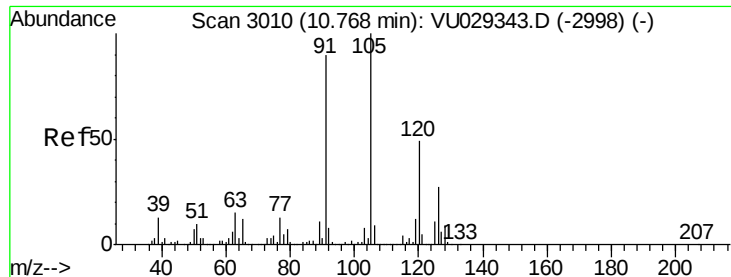
Tgt Ion:120 Resp: 48831
Ion Ratio Lower Upper
120 100
91 399.9 370.0 555.0



#74
2-Chlorotoluene
Concen: 2.139 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:126 Resp: 41754
Ion Ratio Lower Upper
126 100
91 276.5 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 2.014 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029369.D

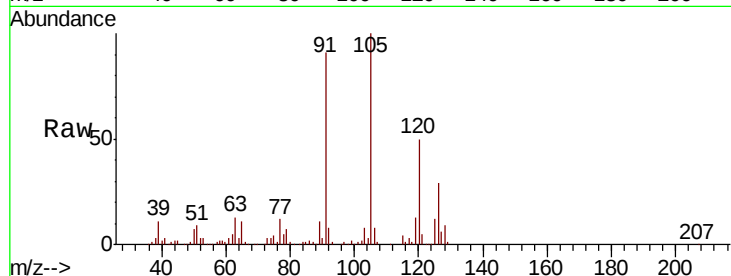
Acq: 07 Feb 2019 13:59

Tgt Ion:105 Resp: 142947

Ion Ratio Lower Upper

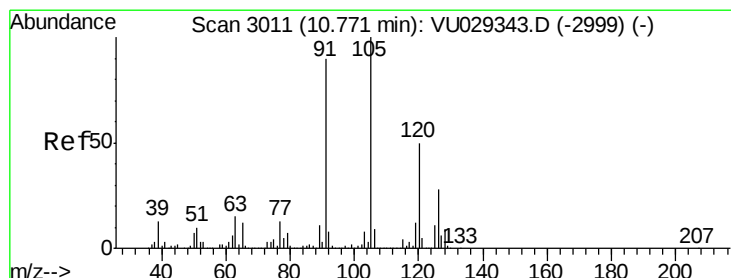
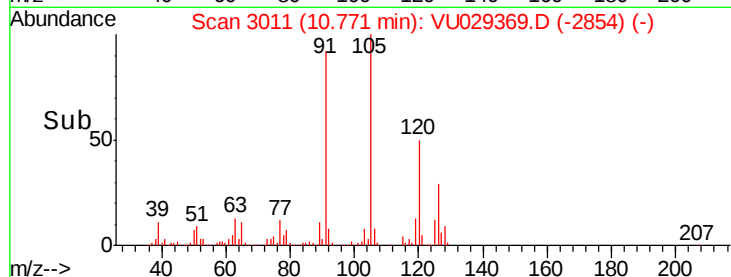
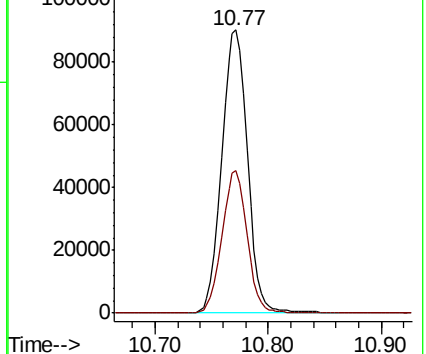
105 100

120 48.9 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: 2.048 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029369.D

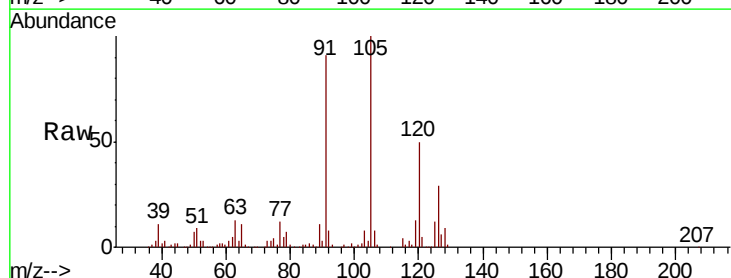
Acq: 07 Feb 2019 13:59

Tgt Ion:126 Resp: 41499

Ion Ratio Lower Upper

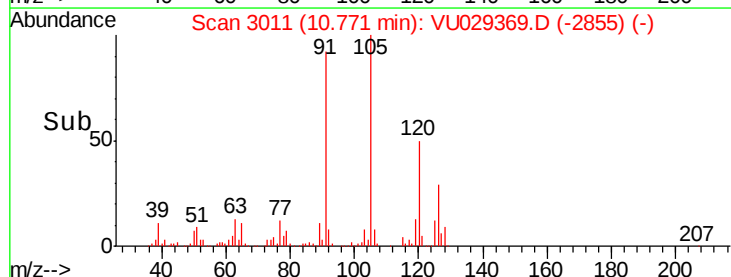
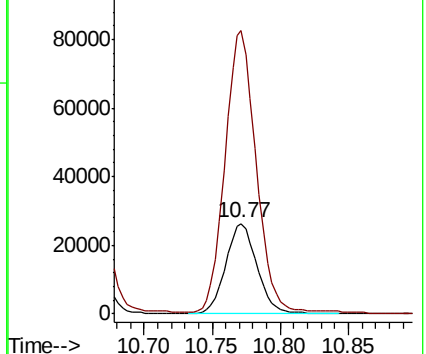
126 100

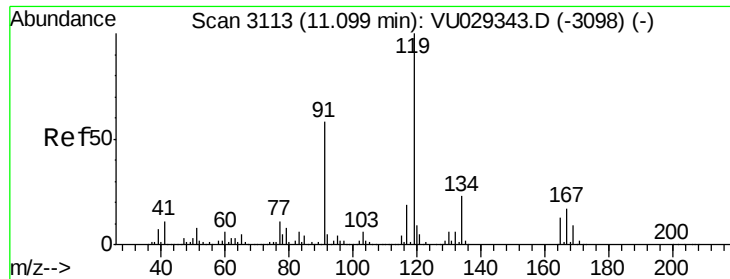
91 315.5 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

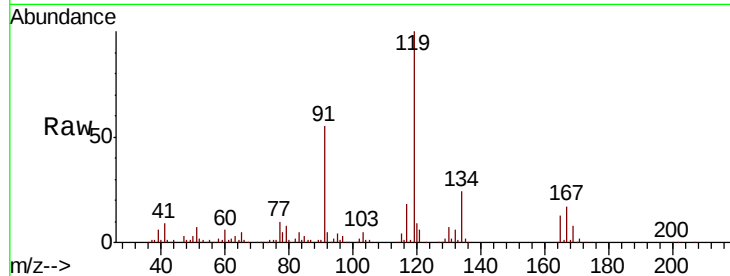
Ion 91.00 (90.70 to 91.70): VU0



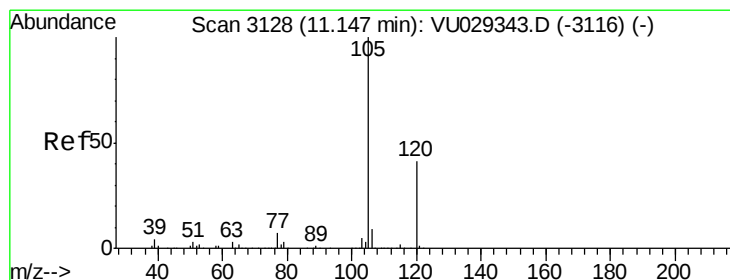
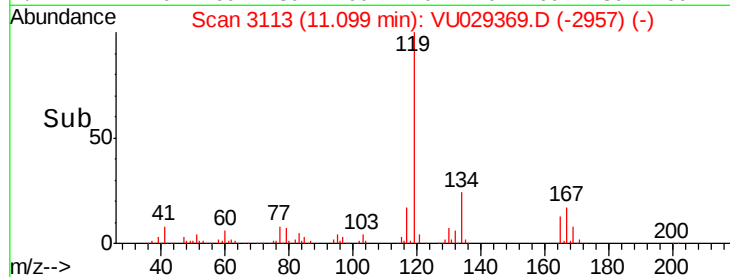
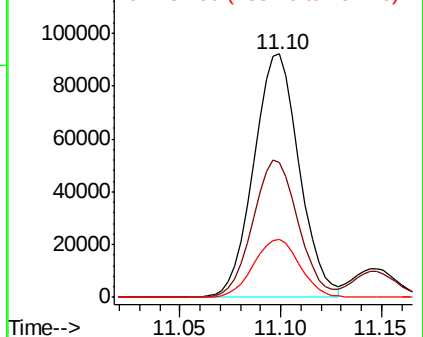


#77
 tert-Butylbenzene
 Concen: 2.071 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion:119 Resp: 145271
 Ion Ratio Lower Upper
 119 100
 91 56.2 32.2 96.6
 134 24.1 17.6 26.4

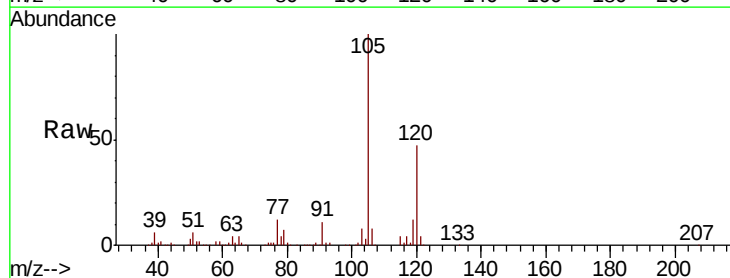


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

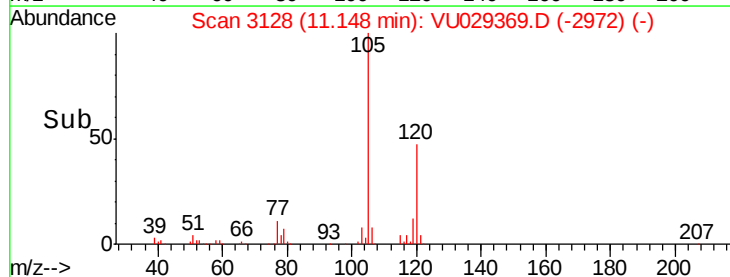
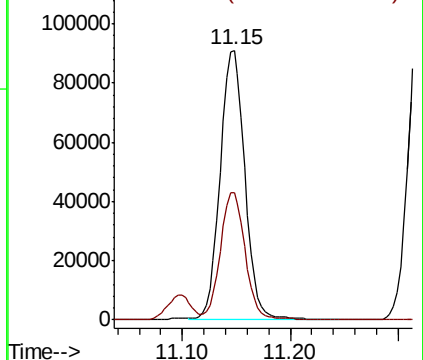


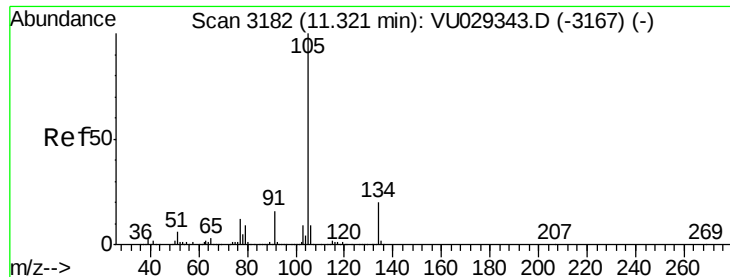
#78
 1,2,4-Trimethylbenzene
 Concen: 2.018 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion:105 Resp: 144956
 Ion Ratio Lower Upper
 105 100
 120 47.5 21.4 64.3



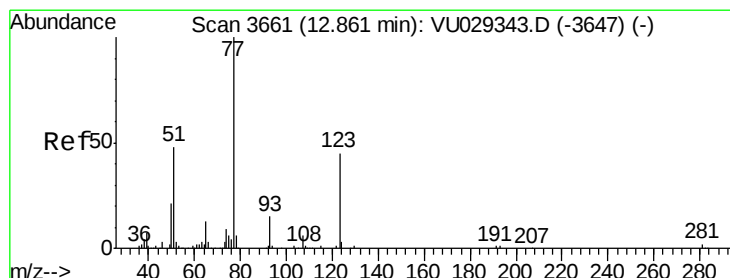
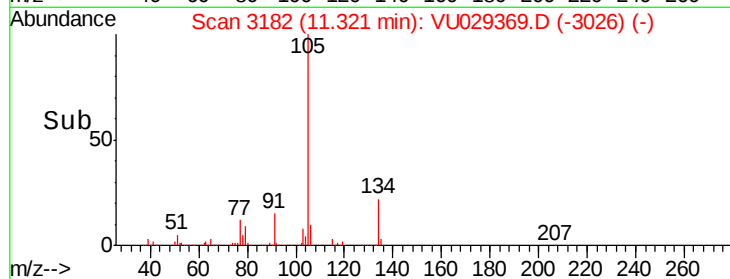
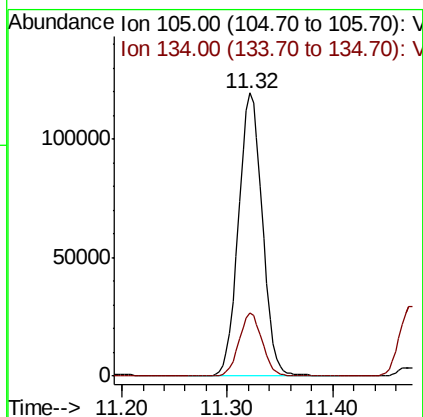
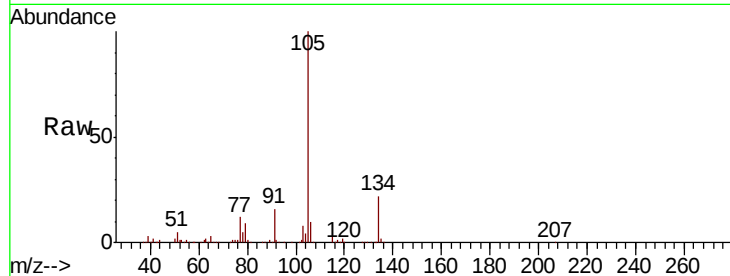
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





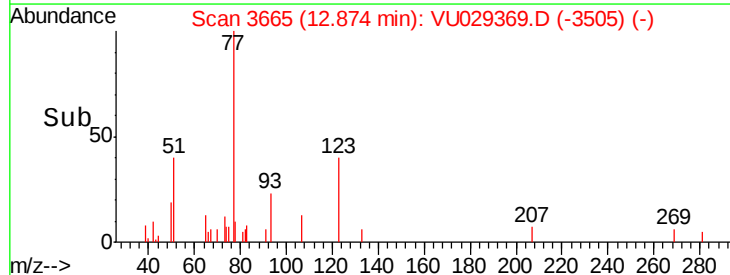
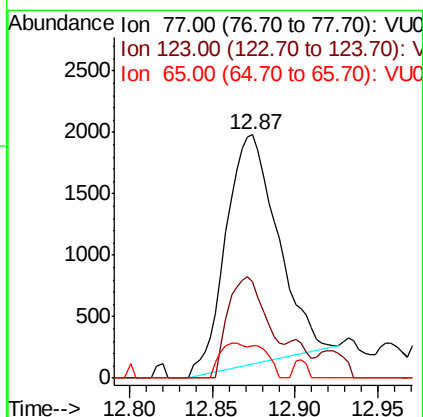
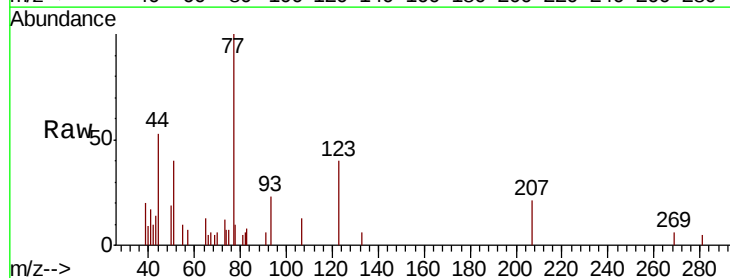
#79
 sec-Butylbenzene
 Concen: 2.041 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

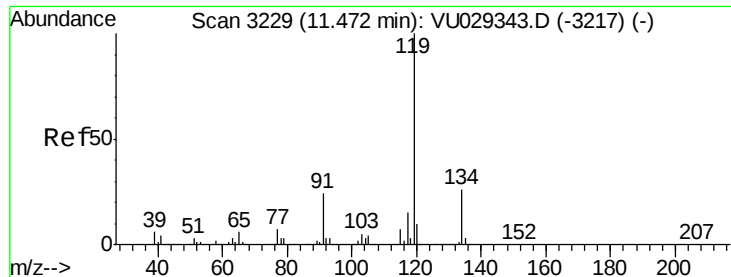
Tgt Ion: 105 Resp: 187322
 Ion Ratio Lower Upper
 105 100
 134 21.6 15.0 22.6



#80
 Nitrobenzene
 Concen: 6.036 ug/l
 RT: 12.87 min Scan# 3665
 Delta R.T. 0.01 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

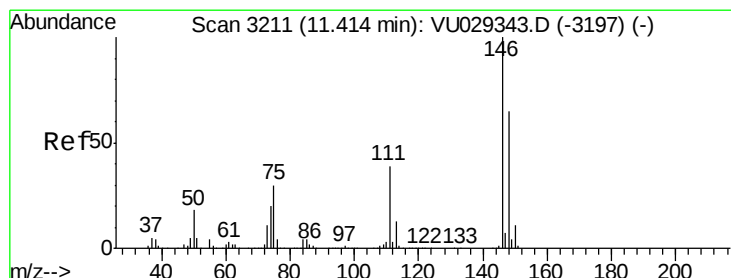
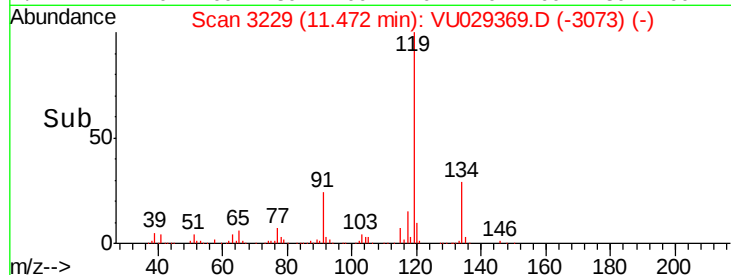
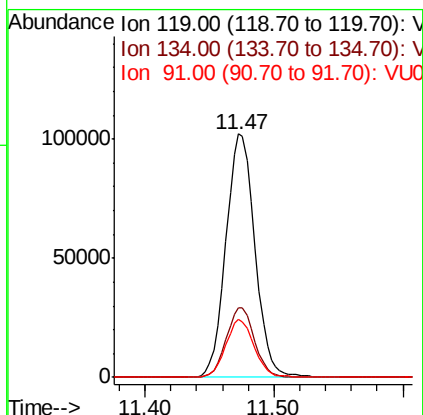
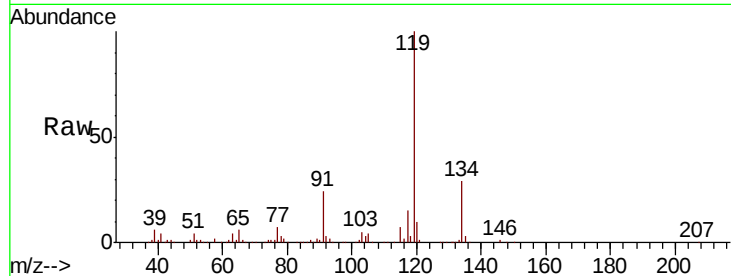
Tgt Ion: 77 Resp: 4081
 Ion Ratio Lower Upper
 77 100
 123 25.2 17.5 61.9
 65 13.0 10.8 13.8





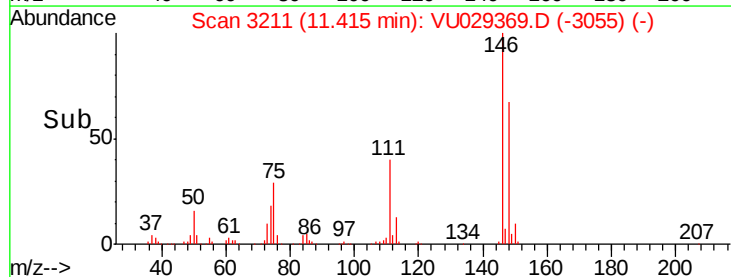
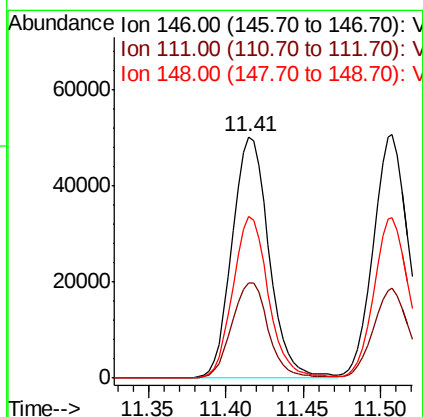
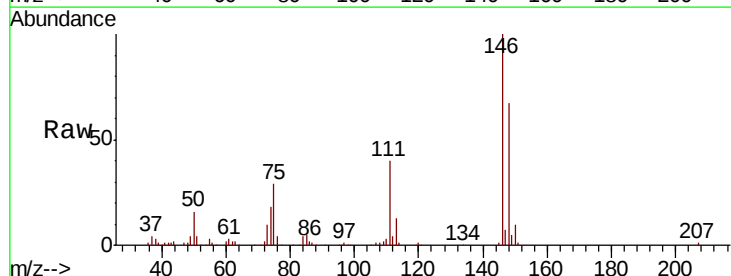
#81
p-Isopropyltoluene
Concen: 2.033 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

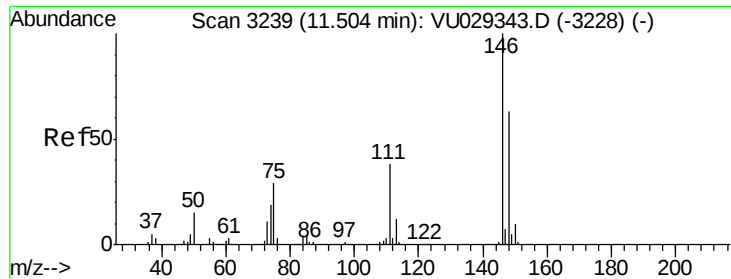
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.1	19.8	29.6
91	23.2	21.5	32.3



#82
1,3-Dichlorobenzene
Concen: 2.124 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

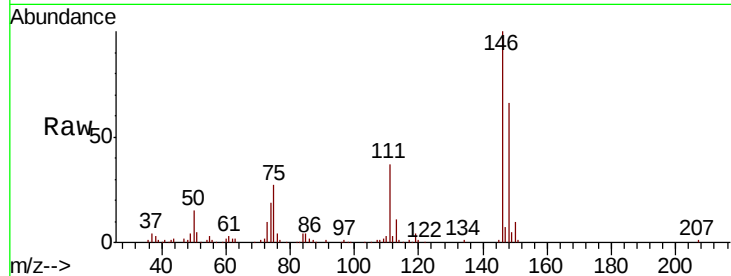
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	34.1	51.1
148	64.7	52.3	78.5



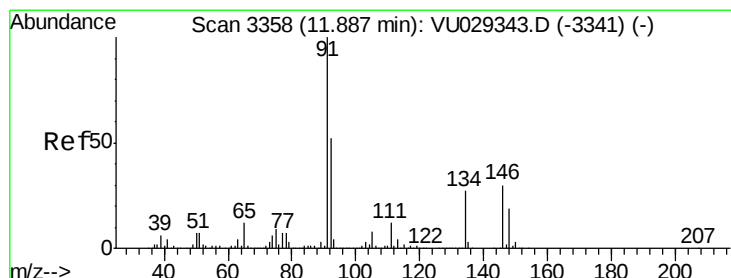
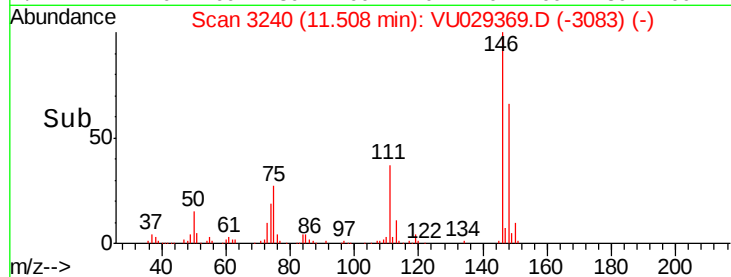
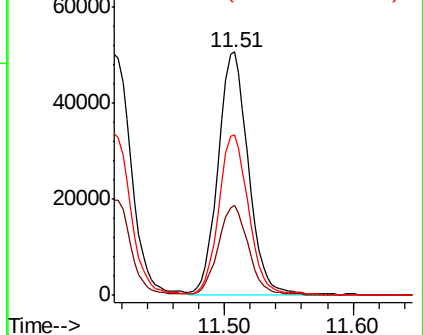


#83
 1,4-Dichlorobenzene
 Concen: 2.104 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion: 146 Resp: 82020
 Ion Ratio Lower Upper
 146 100
 111 37.0 32.9 49.3
 148 66.1 51.8 77.6

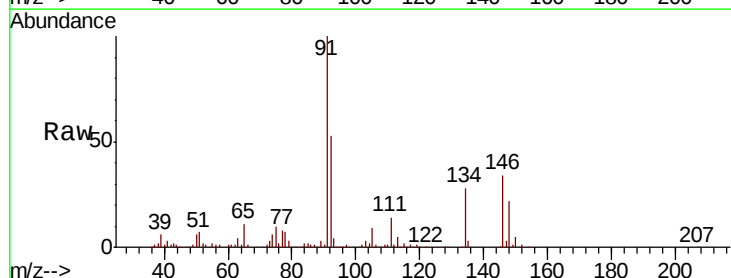


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

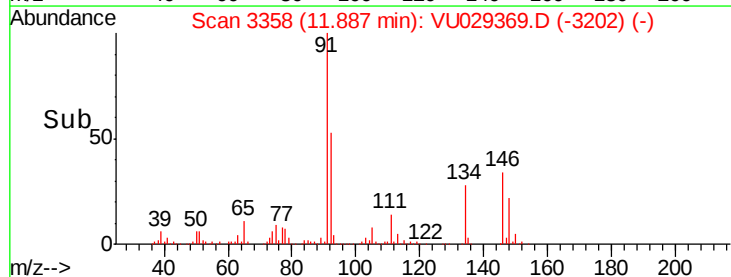
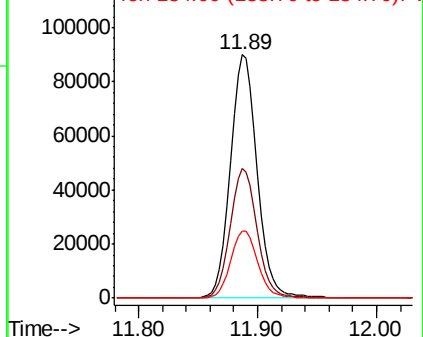


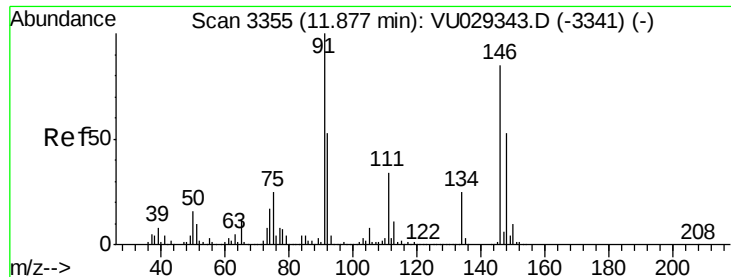
#84
 n-Butylbenzene
 Concen: 1.964 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion: 91 Resp: 140231
 Ion Ratio Lower Upper
 91 100
 92 53.7 41.0 61.6
 134 28.1 19.1 28.7



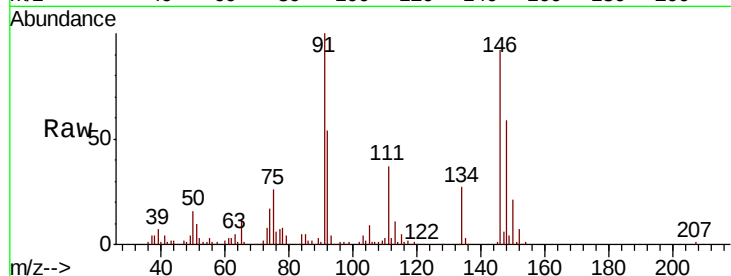
Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V



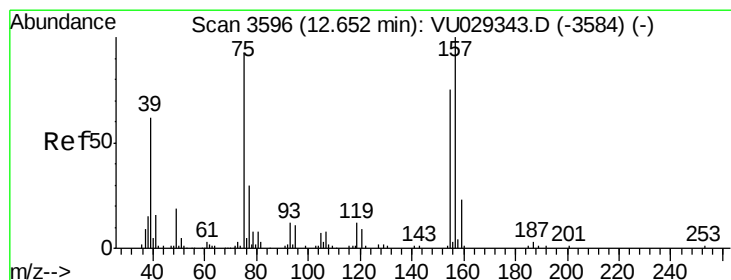
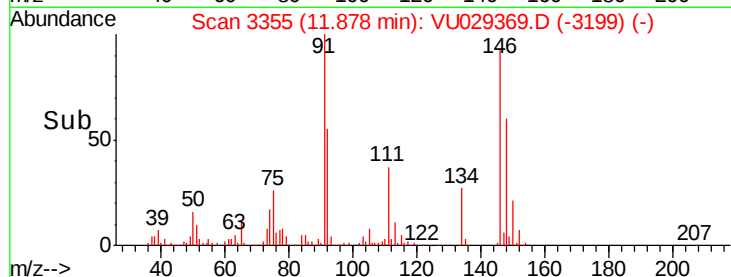
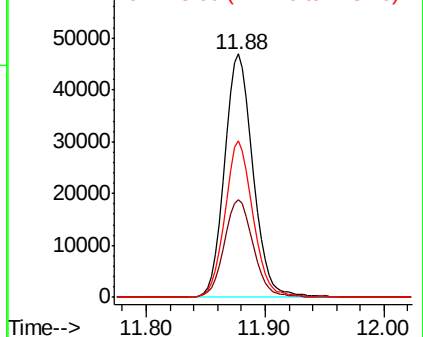


#85
 1,2-Dichlorobenzene
 Concen: 2.104 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion: 146 Resp: 77853
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.9 65.8
 148 63.3 31.8 95.3

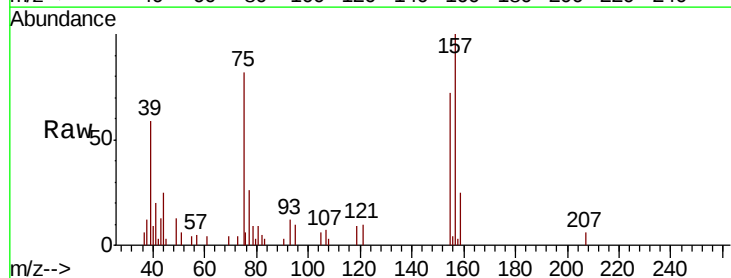


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

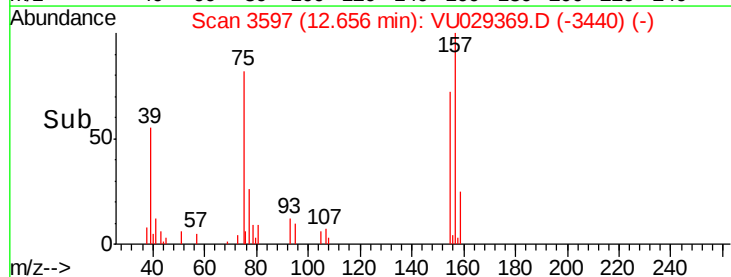
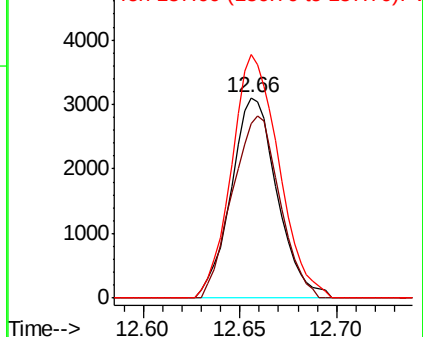


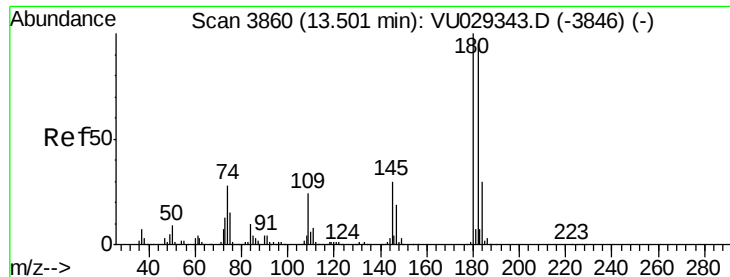
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.816 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion: 75 Resp: 5142
 Ion Ratio Lower Upper
 75 100
 155 93.7 53.8 80.8#
 157 124.8 69.2 103.8#



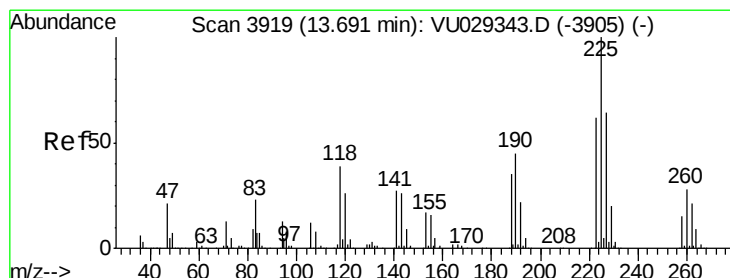
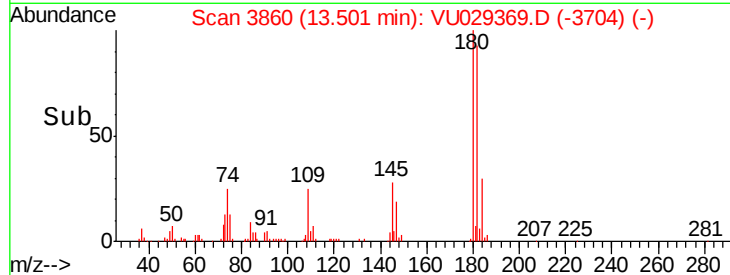
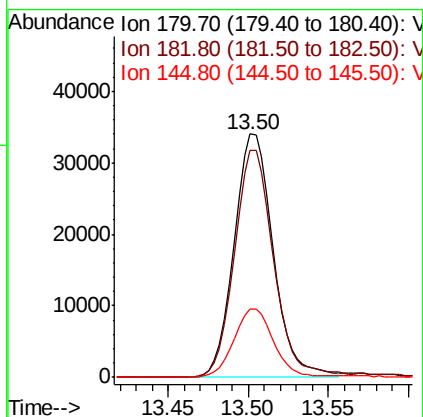
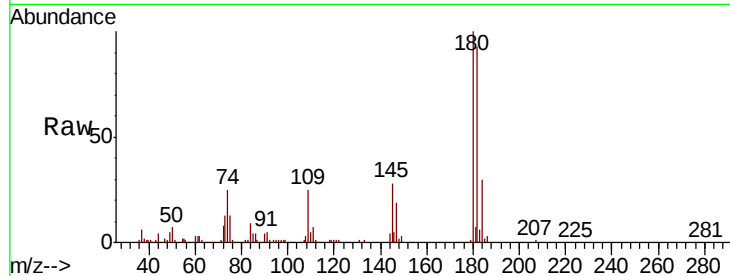
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





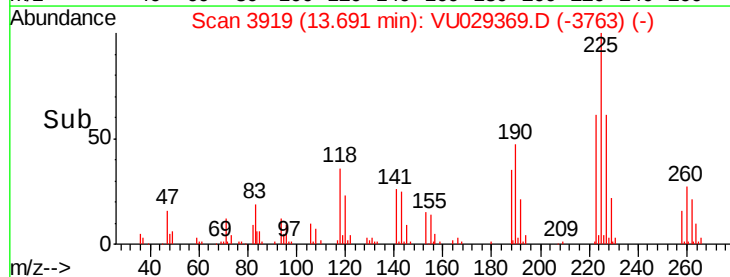
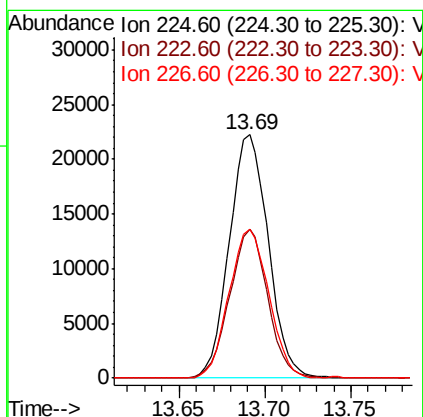
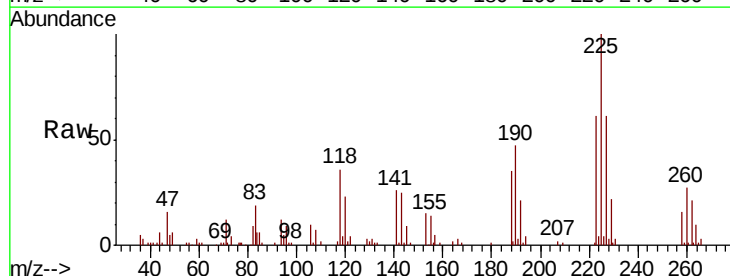
#87
 1,2,4-Trichlorobenzene
 Concen: 2.178 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

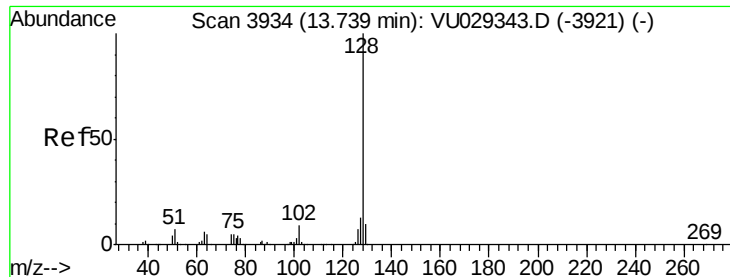
Tgt Ion:180 Resp: 56615
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.6 114.8
 145 28.7 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 2.326 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

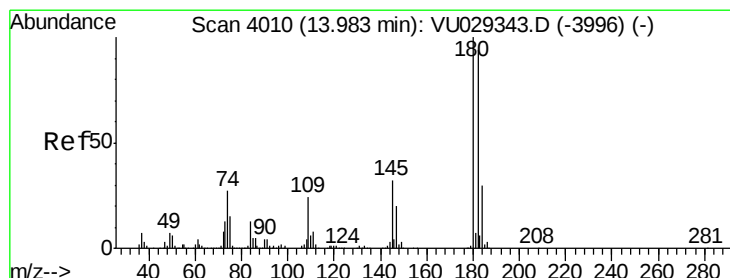
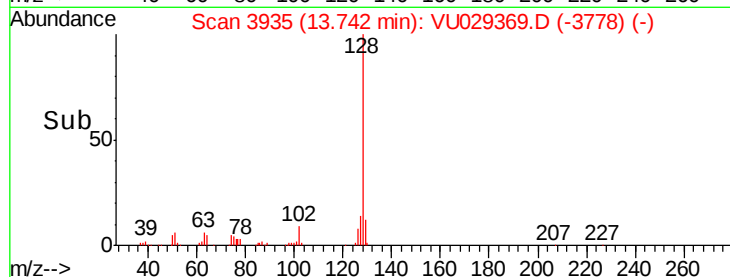
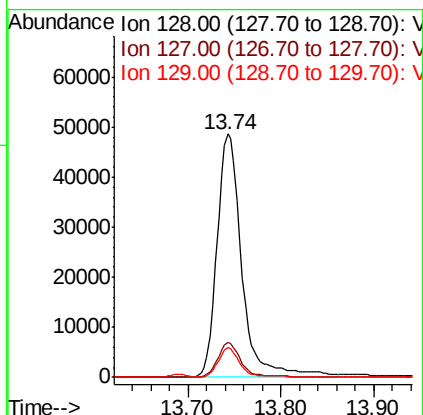
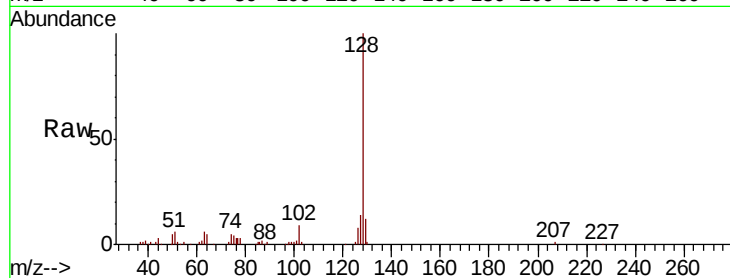
Tgt Ion:225 Resp: 35010
 Ion Ratio Lower Upper
 225 100
 223 59.6 49.5 74.3
 227 62.3 50.4 75.6





#89
Naphthalene
Concen: 2.061 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:128 Resp: 90883
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 2.180 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:180 Resp: 51781
Ion Ratio Lower Upper
180 100
182 94.3 78.0 117.0
145 30.3 26.6 39.8

