

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 13:07:01 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						
					Ovalue	
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	49963m	1.807	ug/l	
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

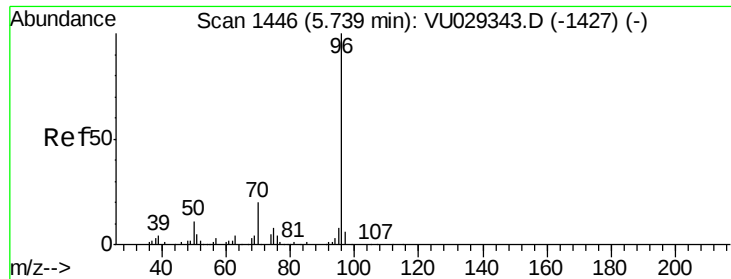
QLast Update : Fri Feb 08 10:52:46 2019

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	10.52	75	22008m	4.309	ug/l	
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	20116m	1.930	ug/l	
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

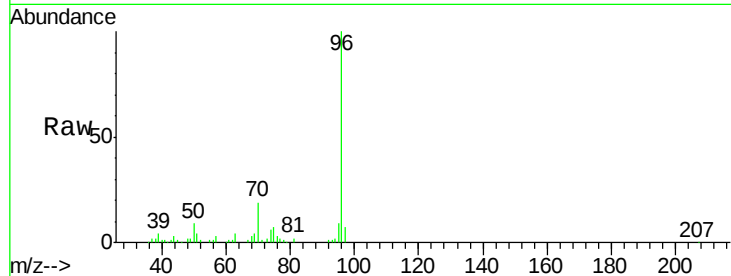
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot 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#

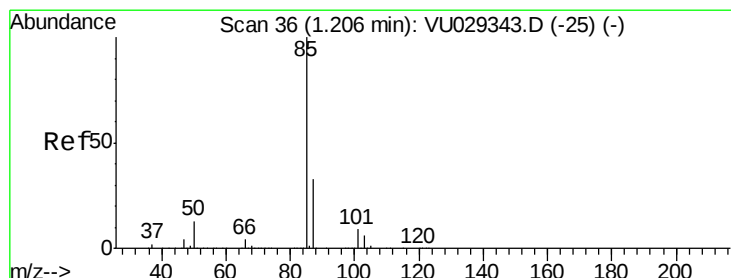
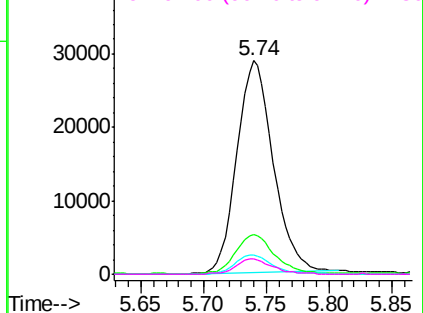
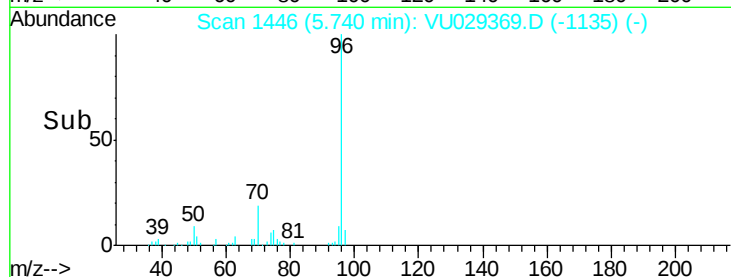


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.882 ug/l

RT: 1.21 min Scan# 36

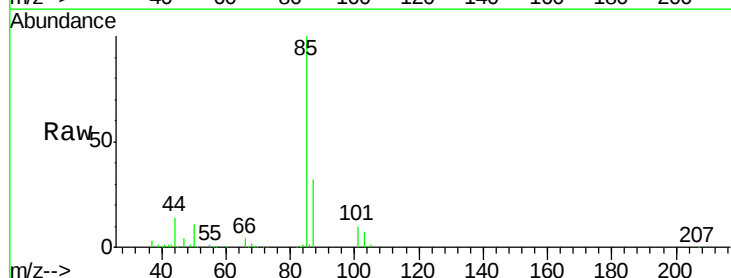
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

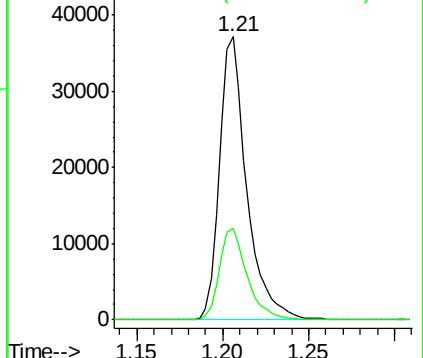
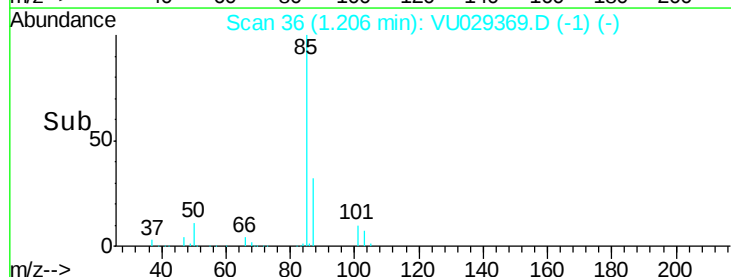
Tgt Ion: 85 Resp: 40962

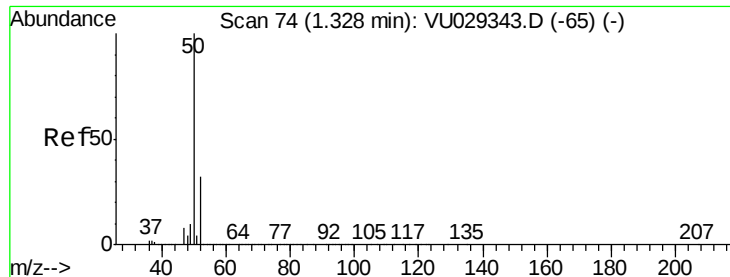
Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.833 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029369.D

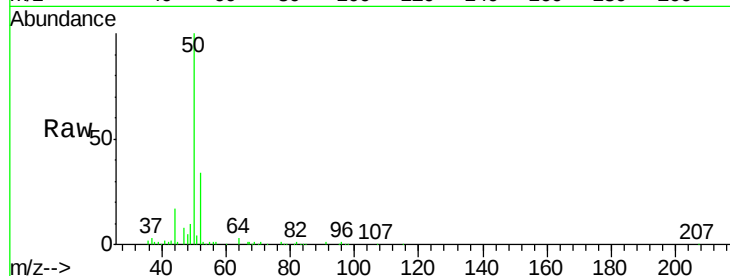
Acq: 07 Feb 2019 13:59

Tot Ion: 50 Resp: 36456

Ion Ratio Lower Upper

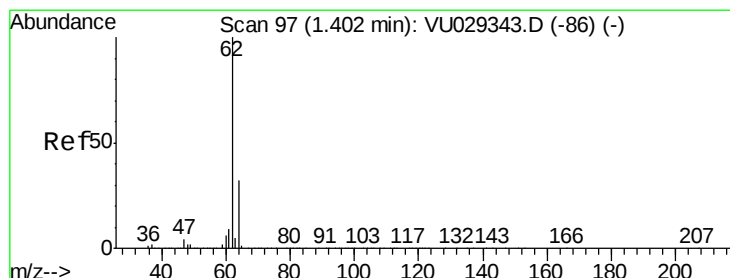
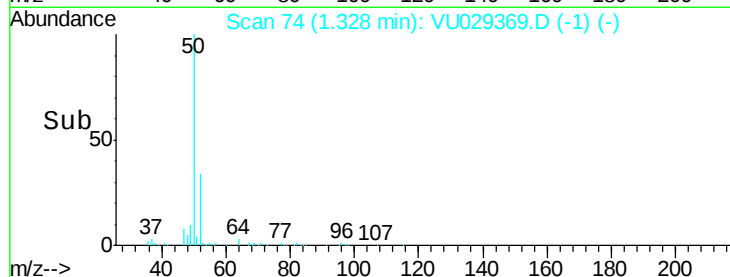
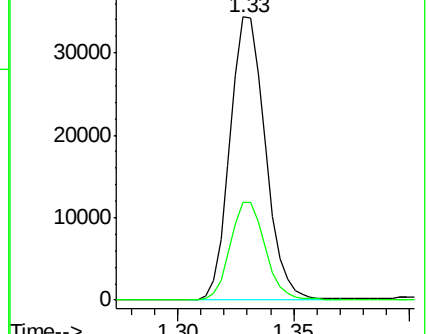
50 100

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



#4

Vinyl Chloride

Concen: 1.904 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029369.D

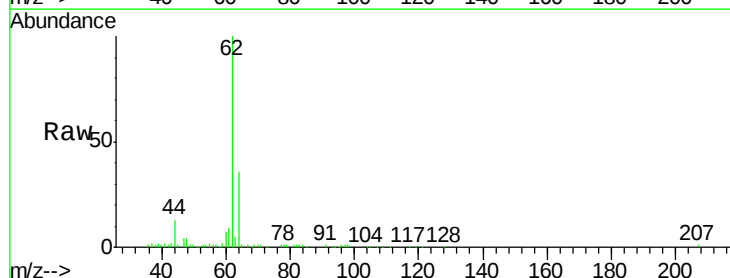
Acq: 07 Feb 2019 13:59

Tgt Ion: 62 Resp: 44390

Ion Ratio Lower Upper

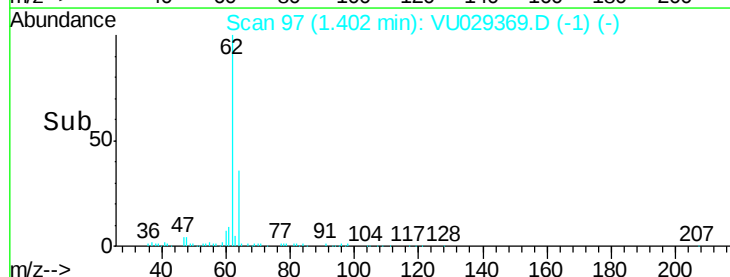
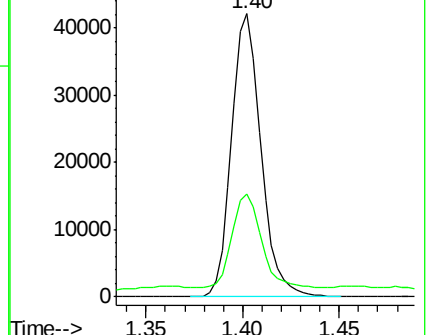
62 100

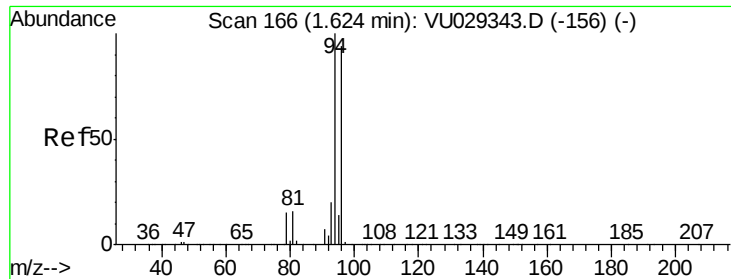
64 33.1 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.293 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029369.D

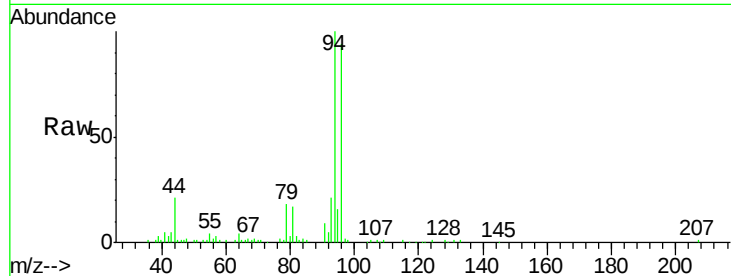
Acq: 07 Feb 2019 13:59

Tot 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

25000

20000

15000

10000

5000

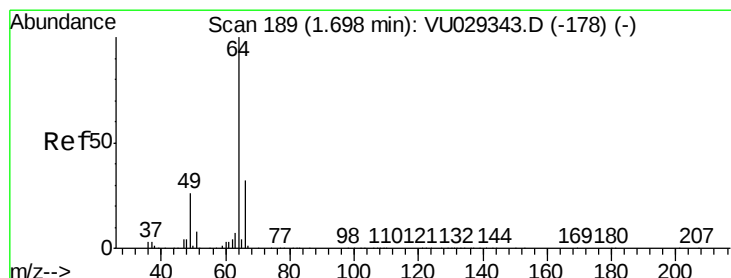
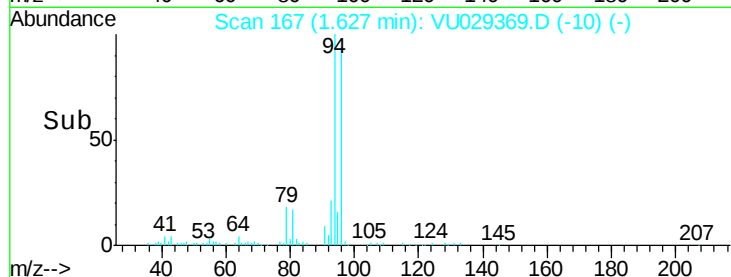
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 1.978 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029369.D

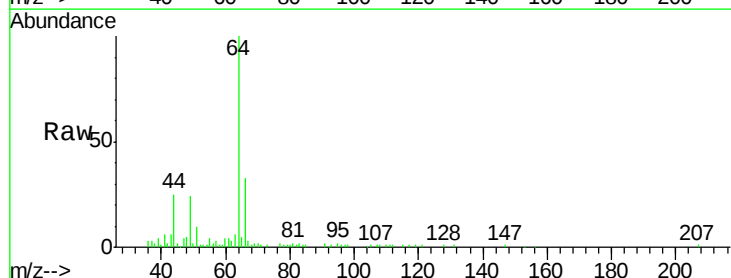
Acq: 07 Feb 2019 13:59

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

25000

20000

15000

10000

5000

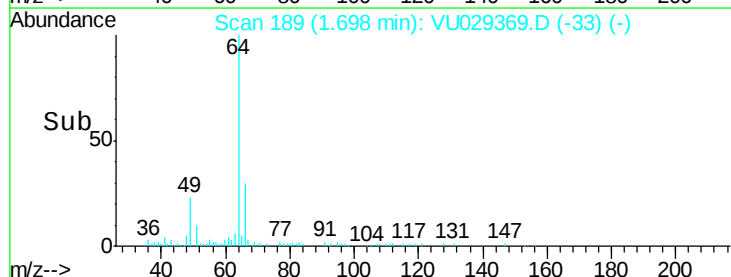
0

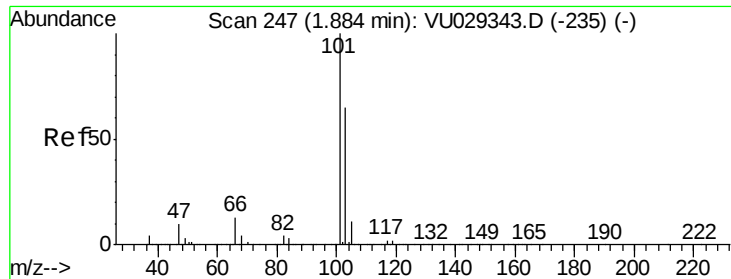
1.65

1.70

1.75

Time-->

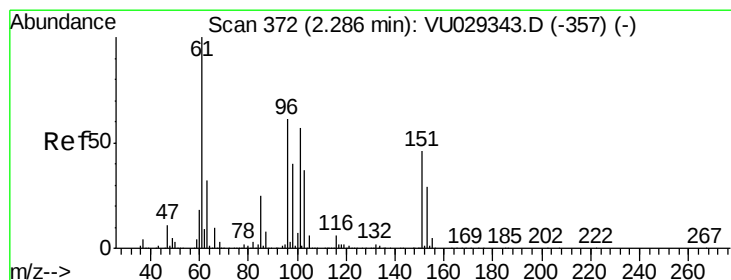
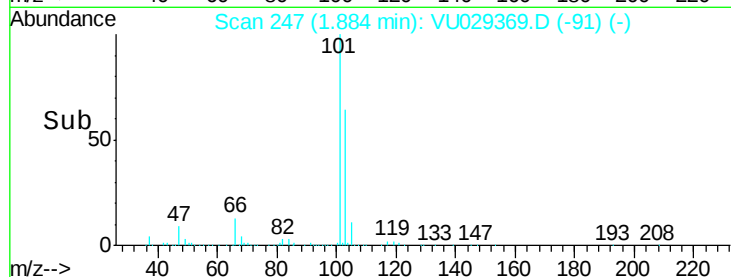
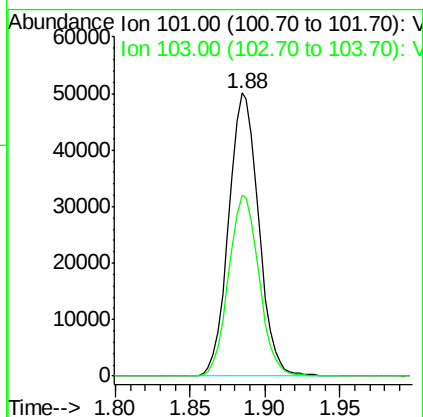
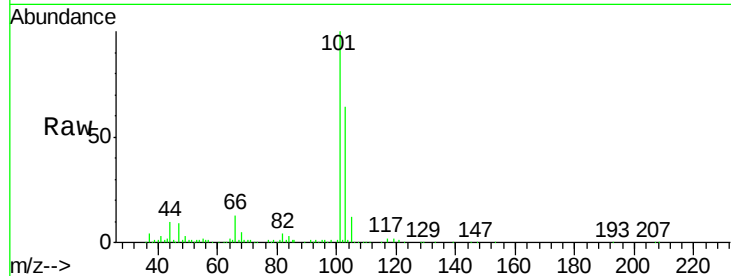




#7

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

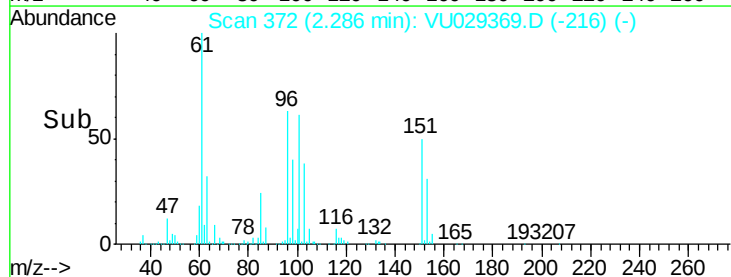
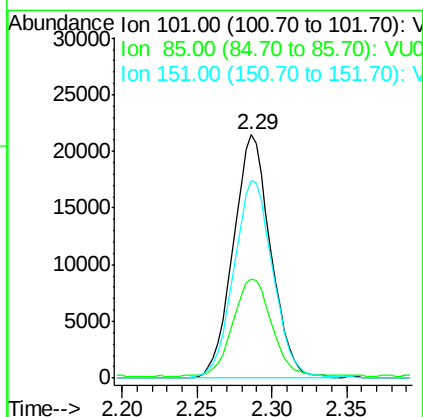
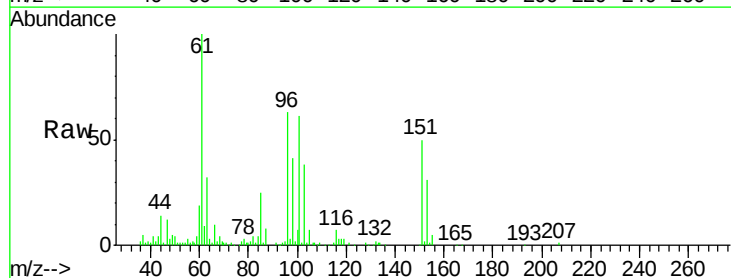
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.9	80.9

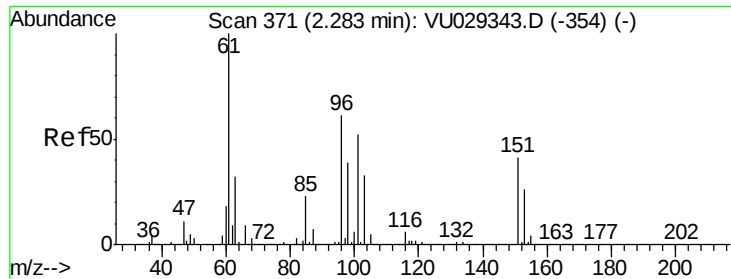


#8

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

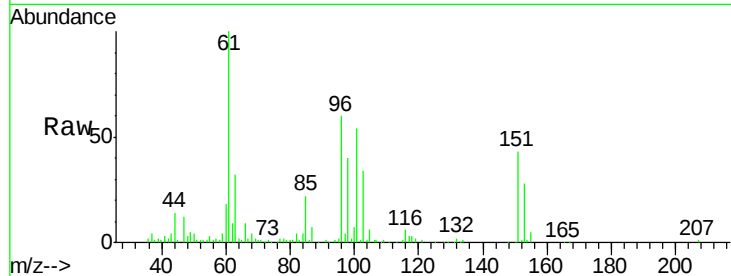
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot Ion: 96 Resp: 35231

Ion	Ratio	Lower	Upper
96	100		
61	168.1	0.0	641.4
98	65.6	0.0	122.6

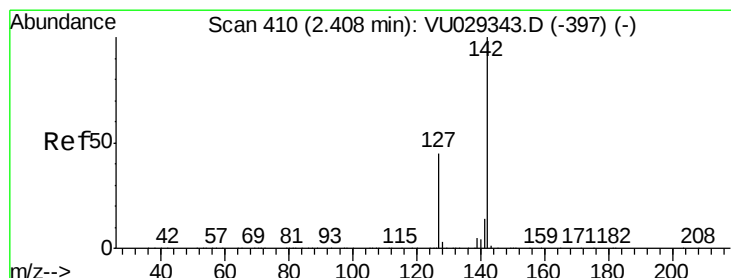
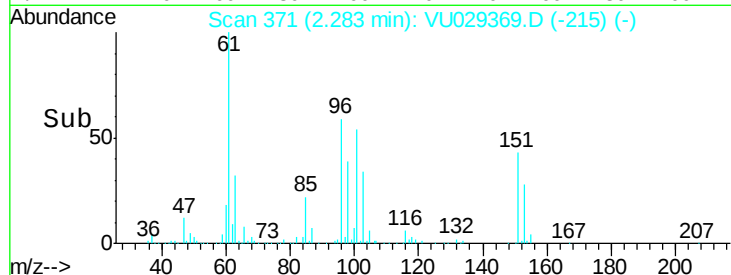
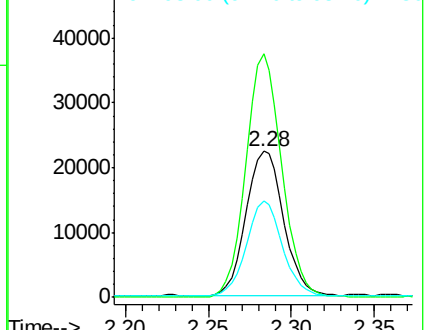


Abundance

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

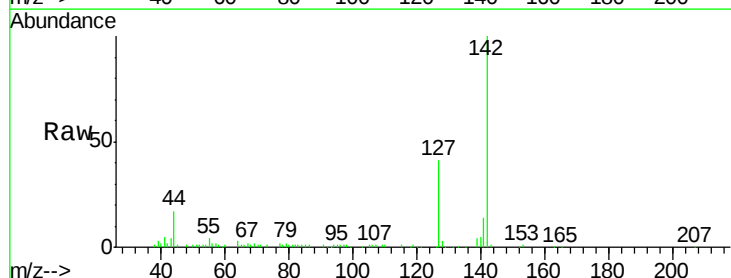
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 142 Resp: 44876

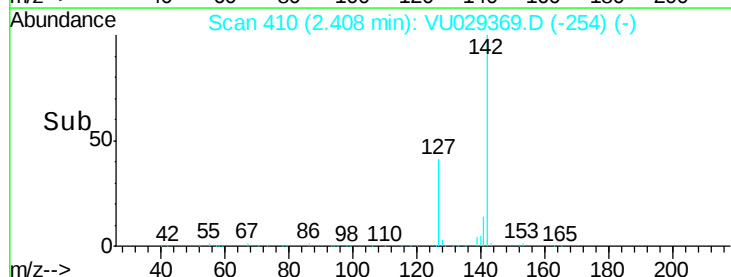
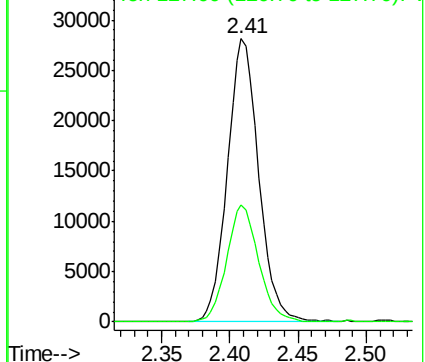
Ion	Ratio	Lower	Upper
142	100		
127	42.0	47.6	71.4#

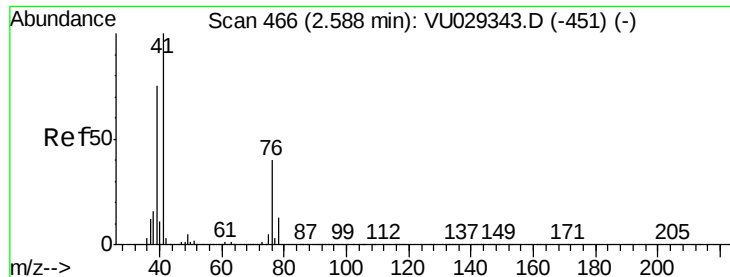


Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 1.947 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029369.D

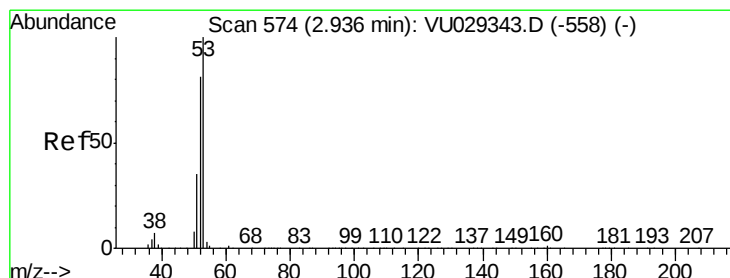
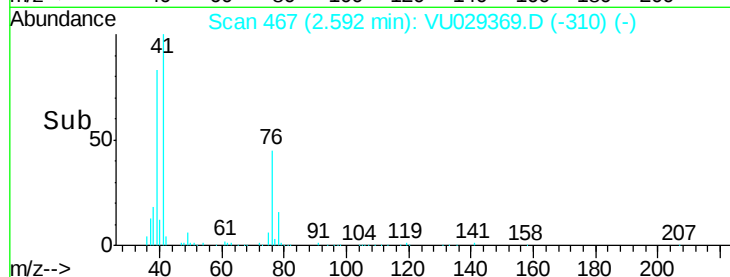
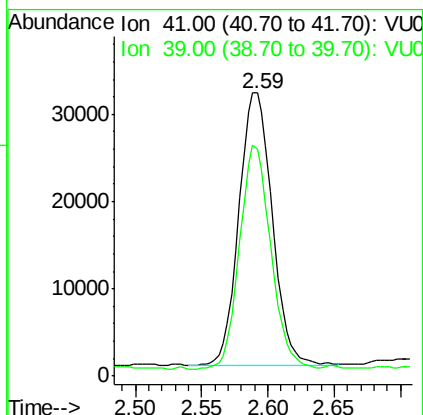
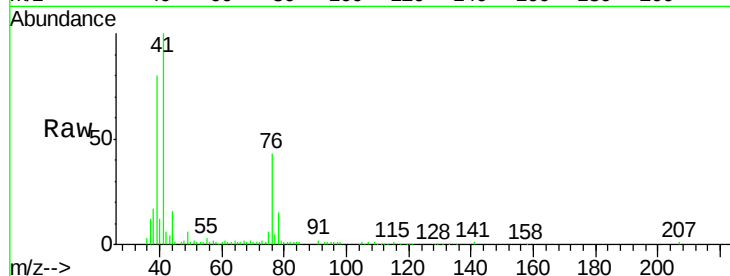
Acq: 07 Feb 2019 13:59

Tot Ion: 41 Resp: 54926

Ion Ratio Lower Upper

41 100

39 76.7 67.2 100.8



#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

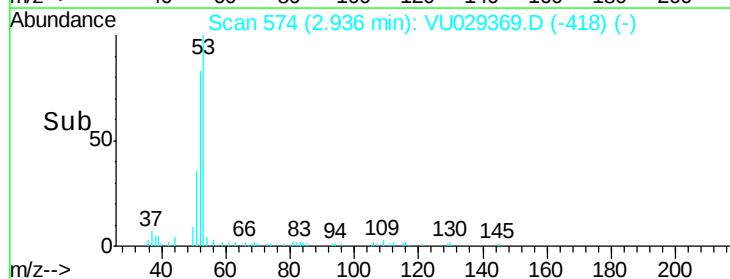
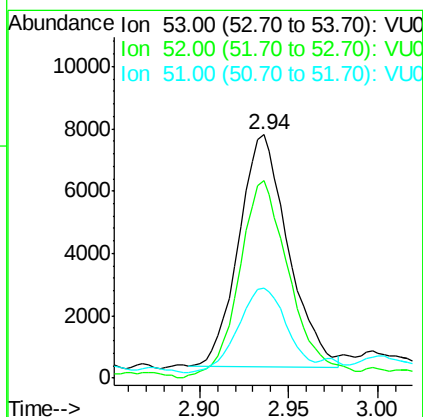
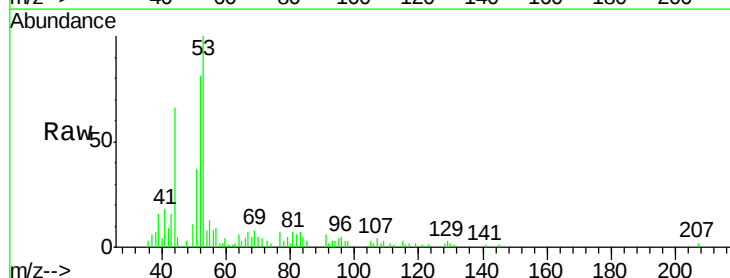
Tgt Ion: 53 Resp: 14409

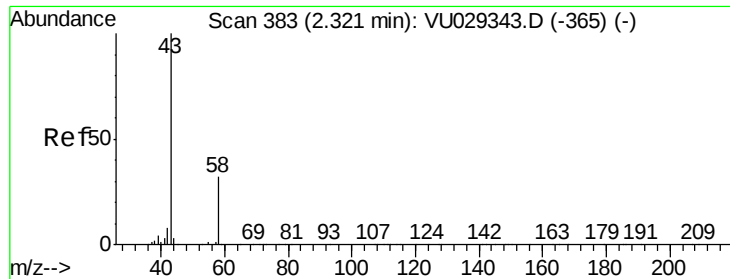
Ion Ratio Lower Upper

53 100

52 87.6 67.6 101.4

51 36.2 31.0 46.4





#13

Acetone

Concen: 9.287 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029369.D

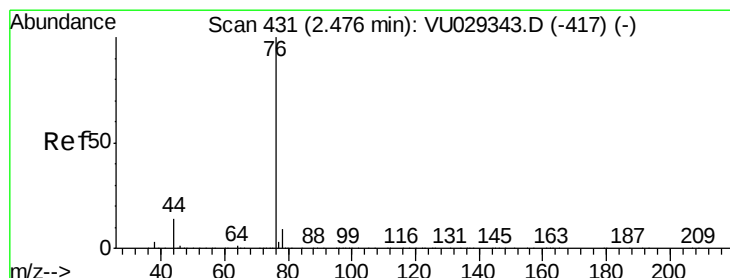
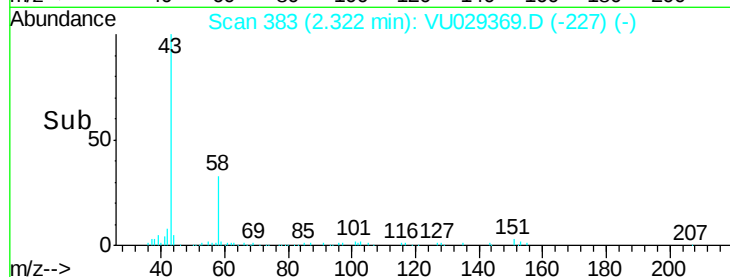
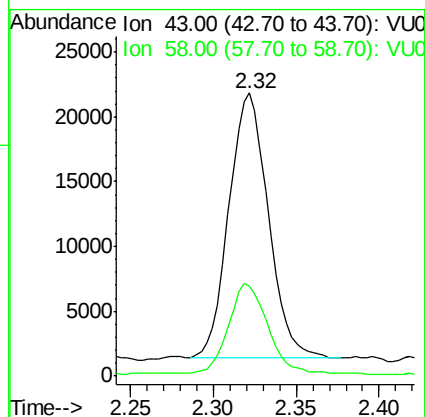
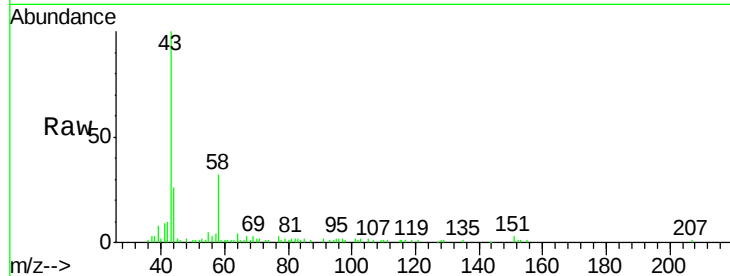
Acq: 07 Feb 2019 13:59

Tot Ion: 43 Resp: 33749

Ion Ratio Lower Upper

43 100

58 32.9 19.2 28.8#



#14

Carbon Disulfide

Concen: 2.013 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029369.D

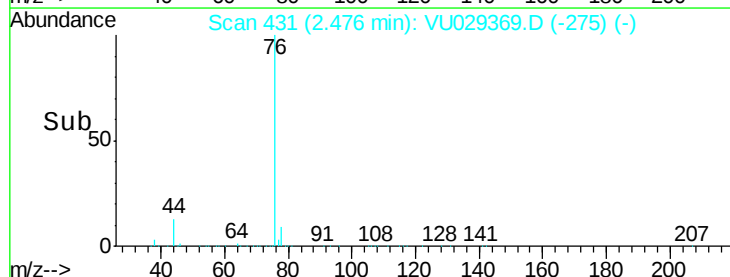
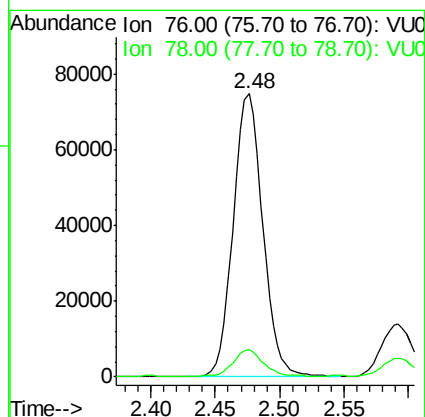
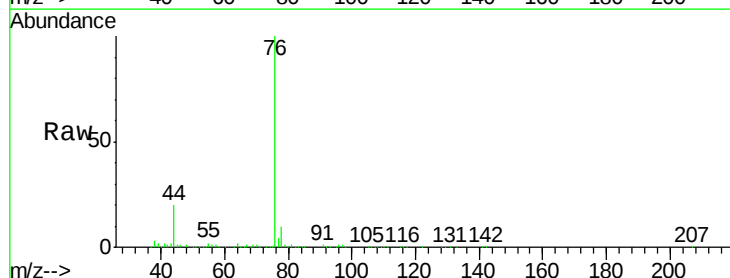
Acq: 07 Feb 2019 13:59

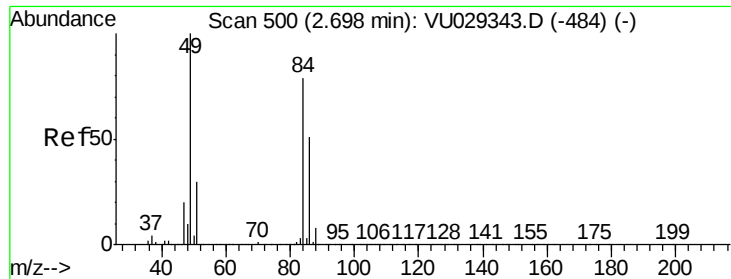
Tgt Ion: 76 Resp: 119572

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

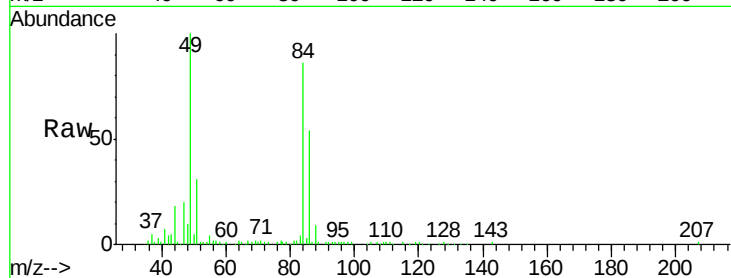




#15
Methvlene Chloride
Concen: 2.074 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot 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



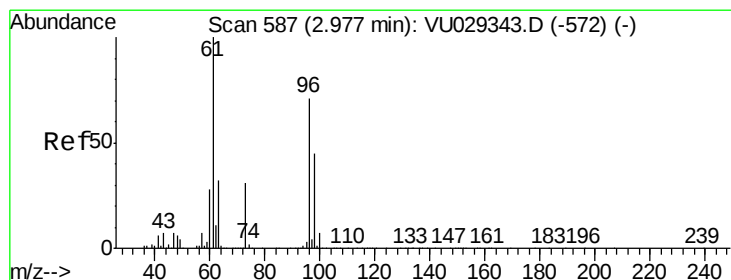
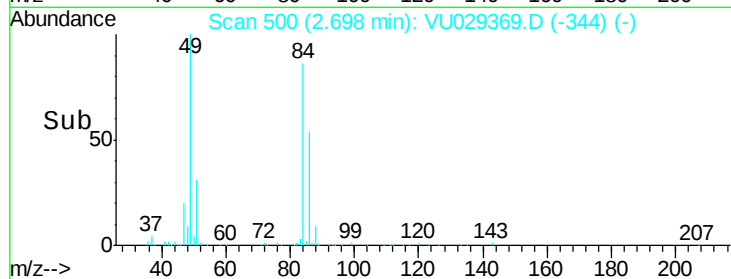
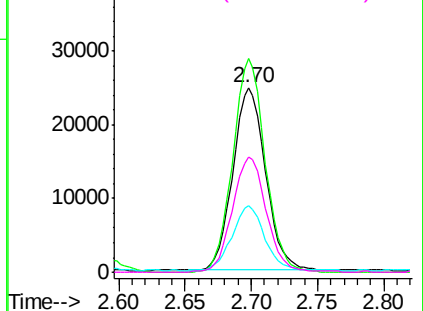
Abundance

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

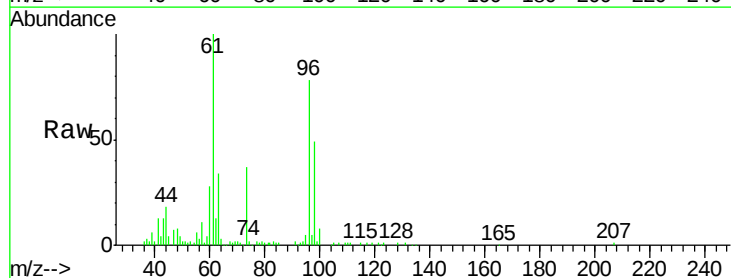
Ion 86.00 (85.70 to 86.70): VU0



#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

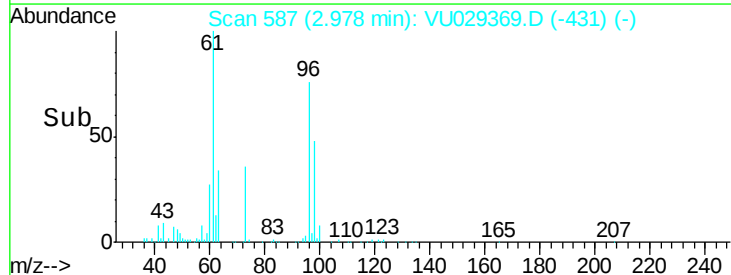
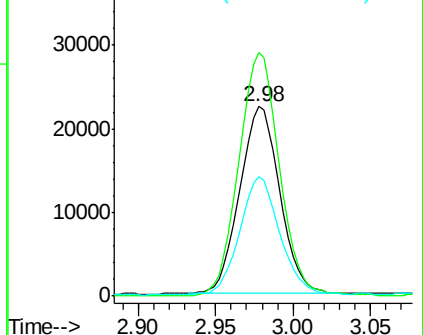


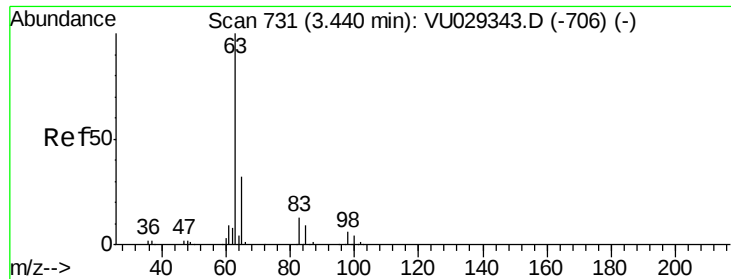
Abundance

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

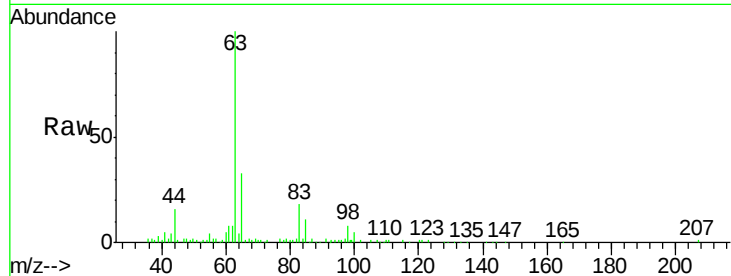
Tot Ion: 63 Resp: 69722

Ion Ratio Lower Upper

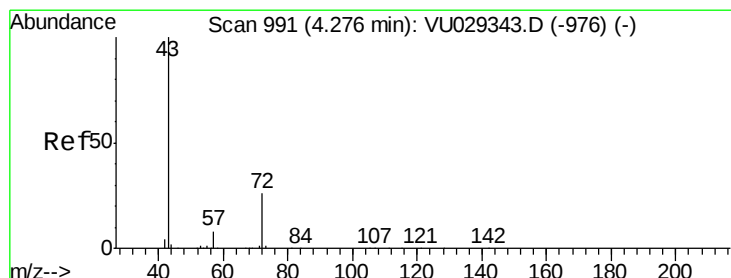
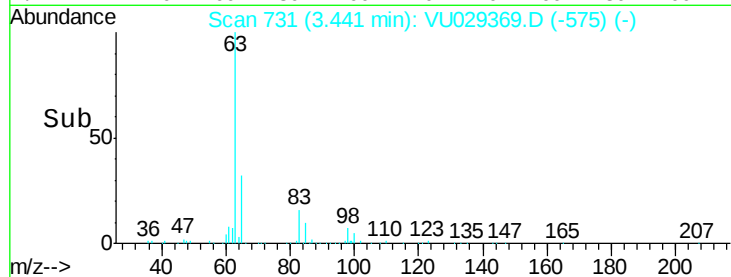
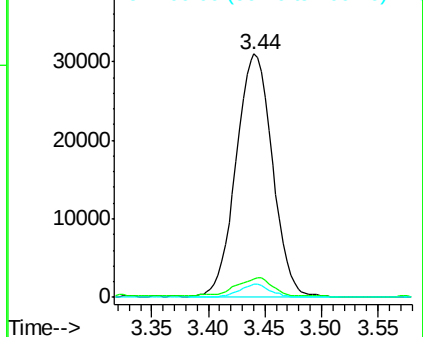
63 100

98 7.4 2.9 8.8

100 5.4 1.7 5.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 8.577 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU029369.D

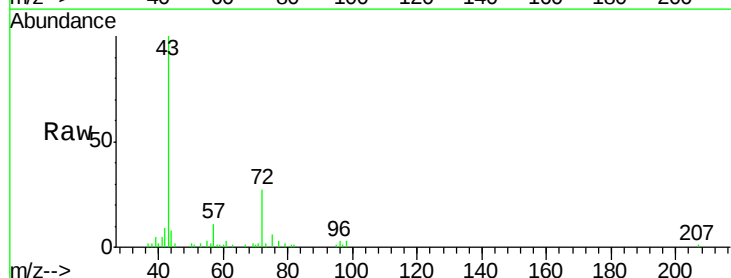
Acq: 07 Feb 2019 13:59

Tgt Ion: 43 Resp: 34837

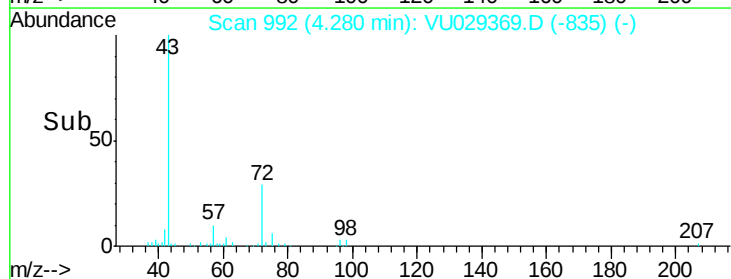
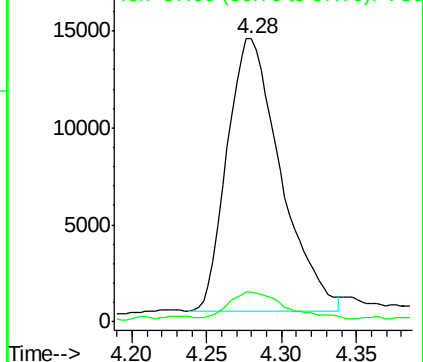
Ion Ratio Lower Upper

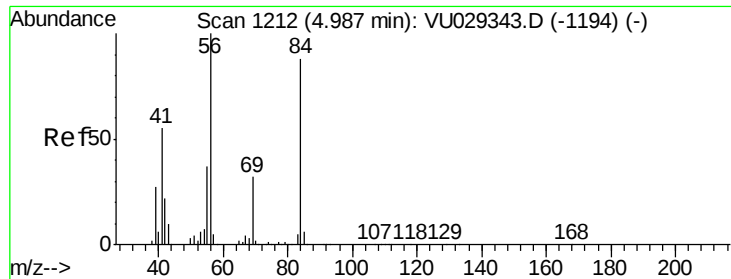
43 100

57 9.3 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.807 ug/l m

RT: 4.99 min Scan# 1212

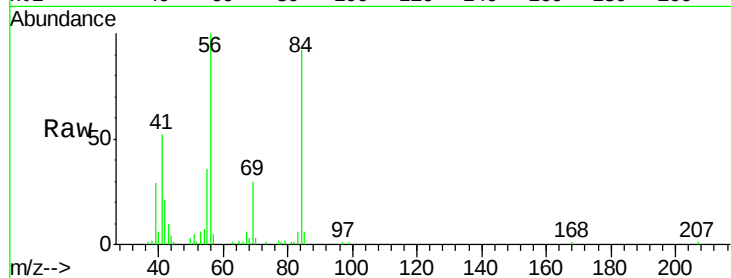
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot Ion: 56 Resp: 49963

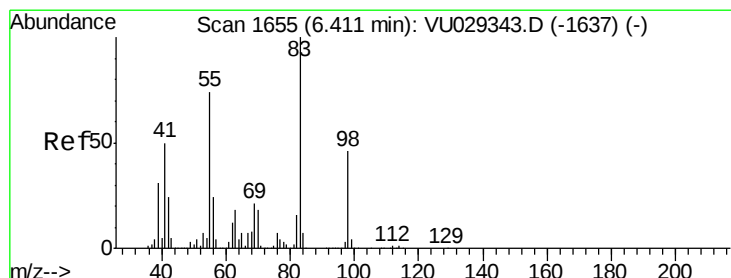
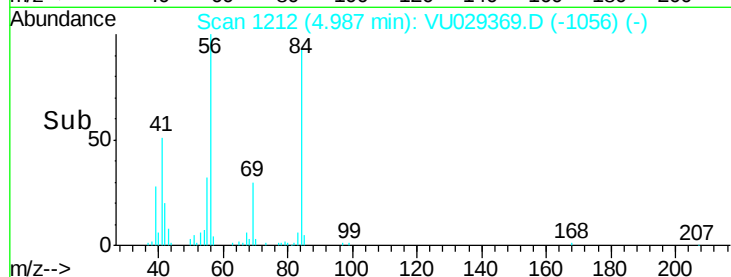
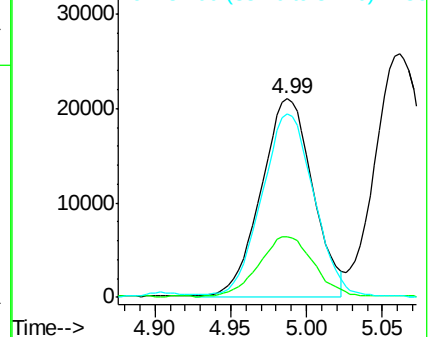
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.8	40.2
84	92.1	71.5	107.3



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

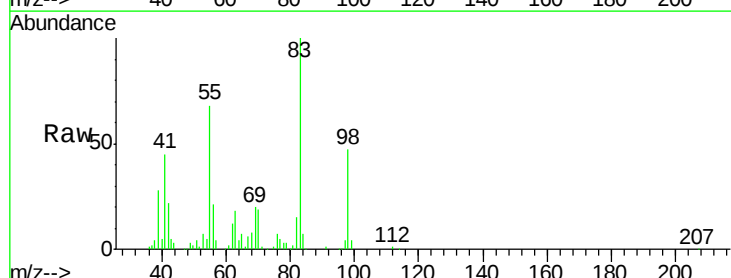
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tgt Ion: 83 Resp: 60017

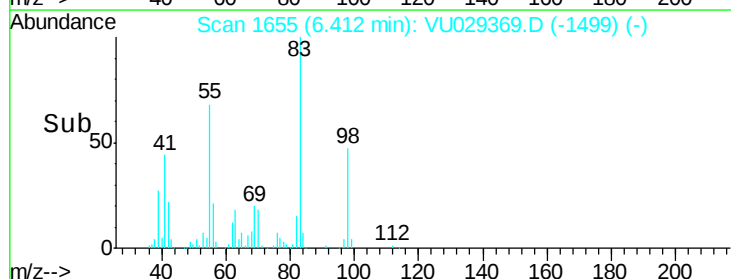
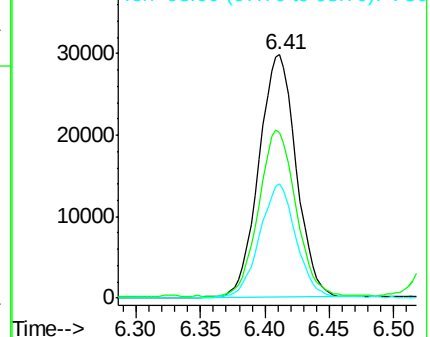
Ion	Ratio	Lower	Upper
83	100		
55	67.5	72.4	108.6#
98	45.5	36.6	54.8

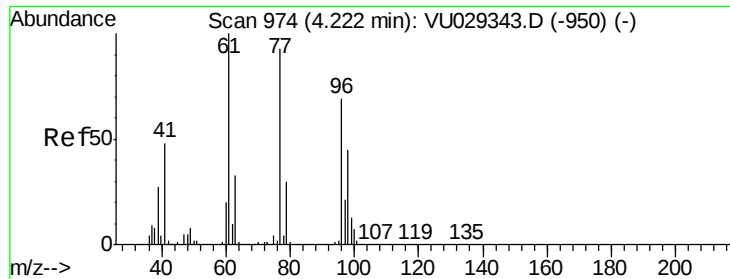


Abundance Ion 83.00 (82.70 to 83.70): VU0

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

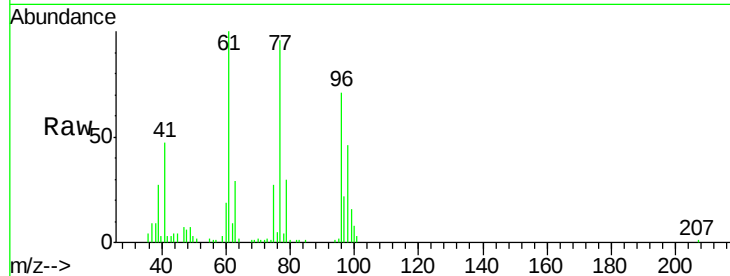
Acq: 07 Feb 2019 13:59

Tot Ion: 77 Resp: 56046

Ion Ratio Lower Upper

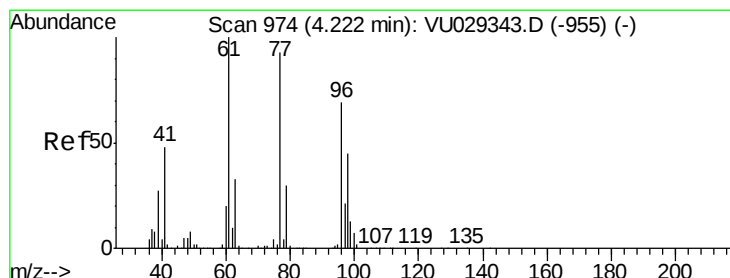
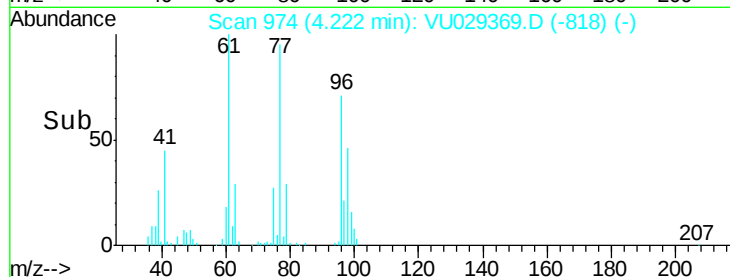
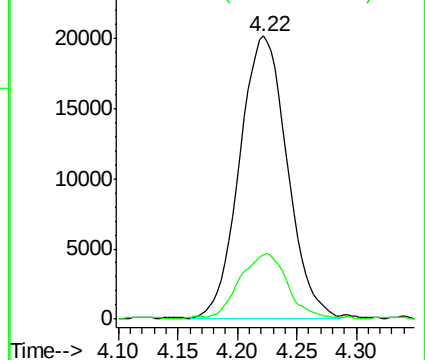
77 100

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

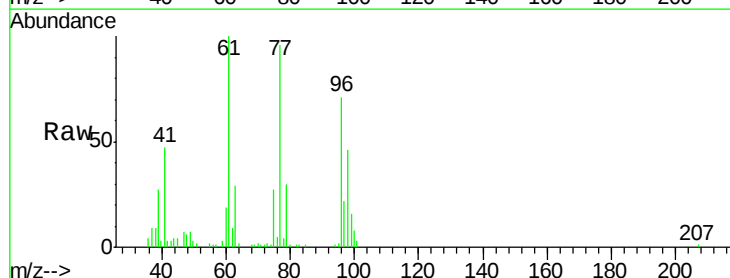
Tgt Ion: 96 Resp: 38355

Ion Ratio Lower Upper

96 100

61 135.0 0.0 460.0

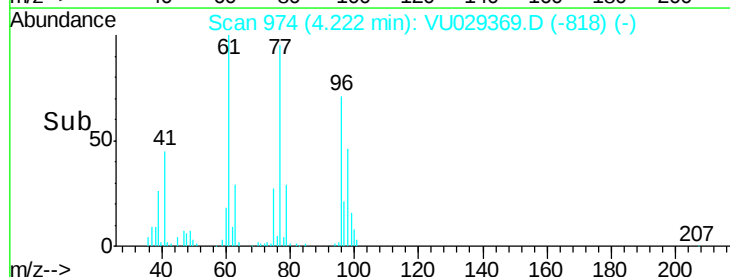
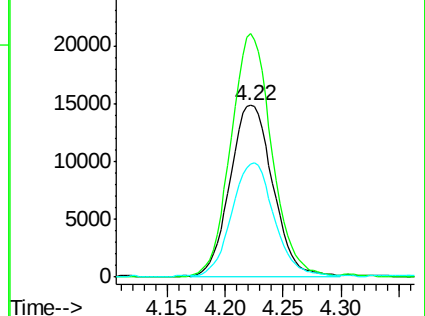
98 63.7 32.6 97.7

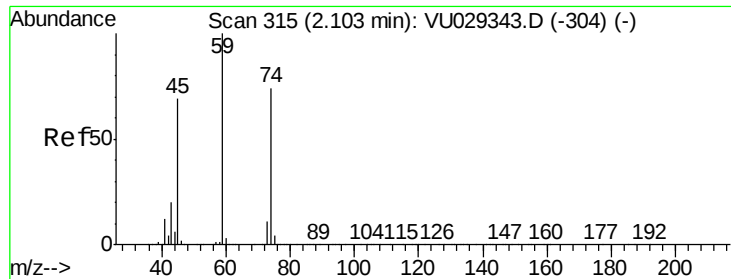


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

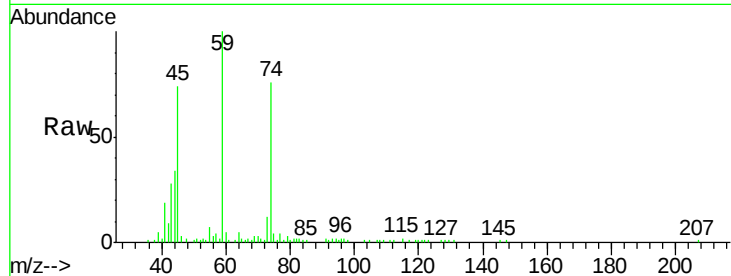
Ion 98.00 (97.70 to 98.70): VU0



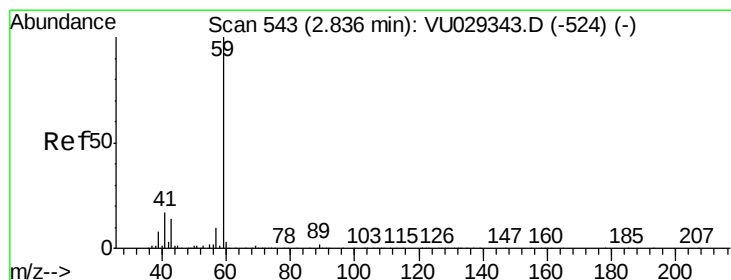
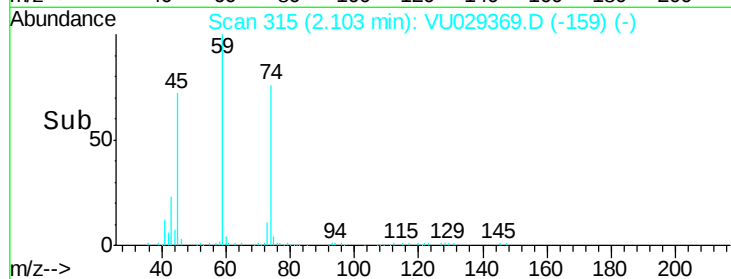
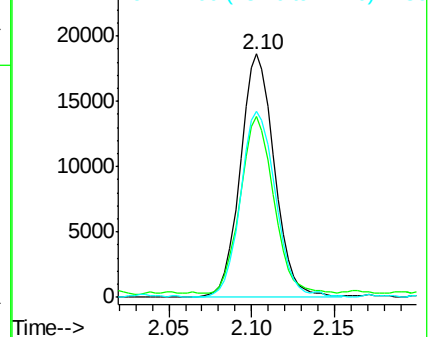


#23
Diethyl Ether
Concen: 1.980 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot Ion	Resp	Lower	Upper
59	26750		
Ion Ratio			
59	100		
45	70.0	64.2	96.4
74	77.6	55.3	82.9

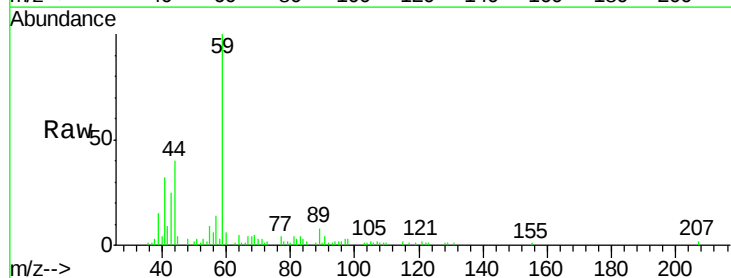


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

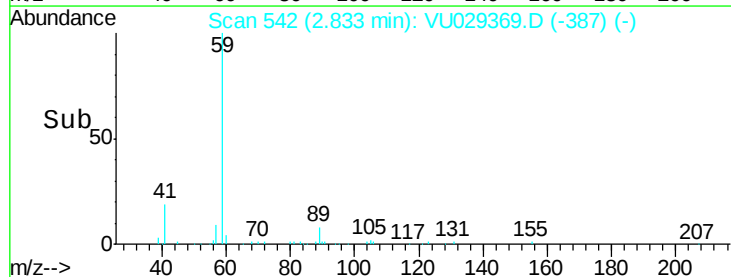
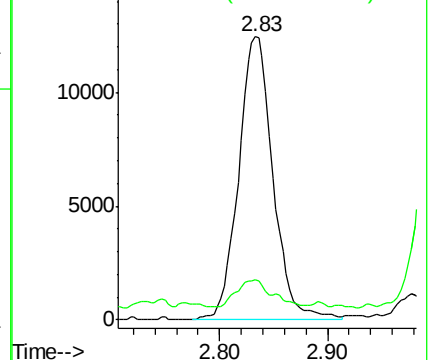


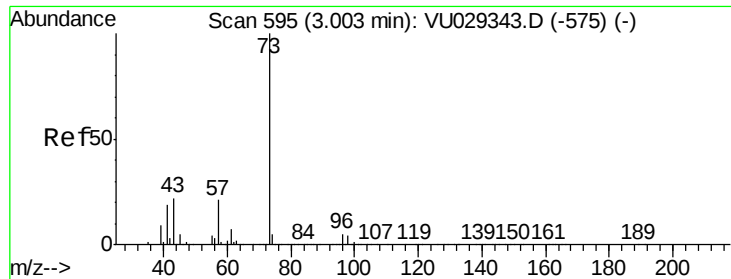
#24
tert-Butyl Alcohol
Concen: 19.690 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	Resp	Lower	Upper
59	27645		
Ion Ratio			
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

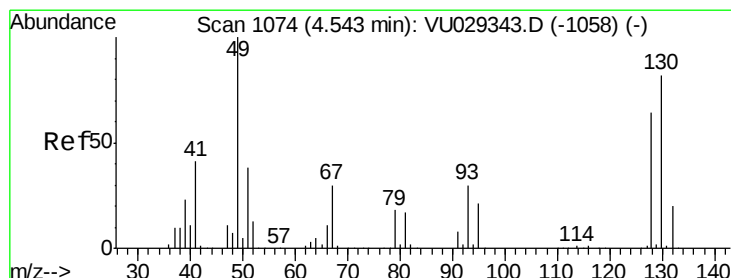
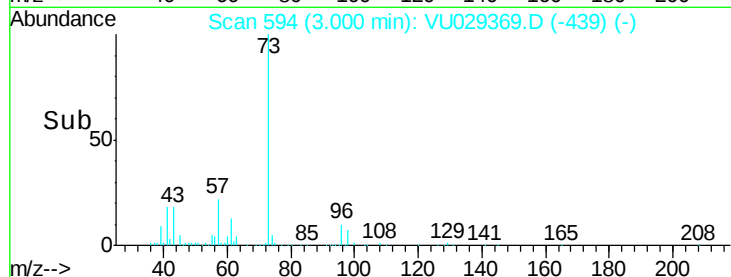
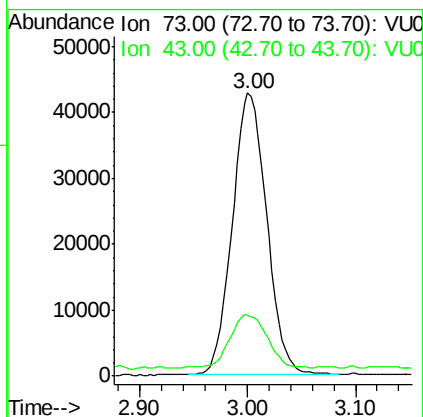
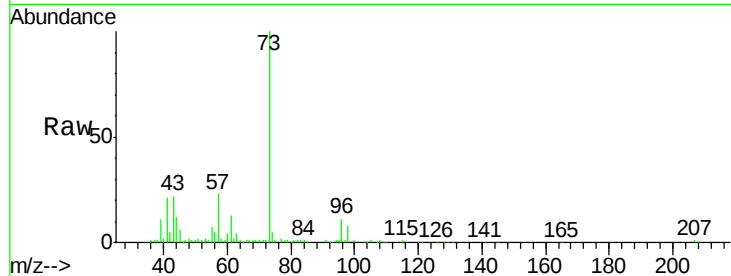




#25

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

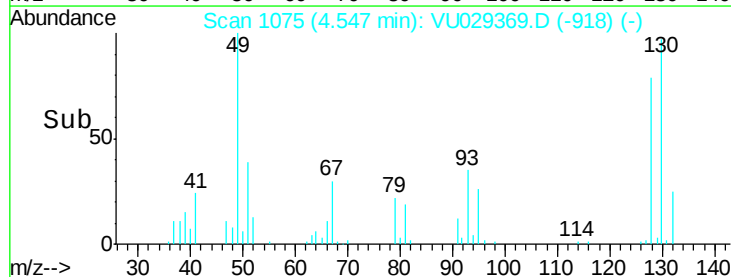
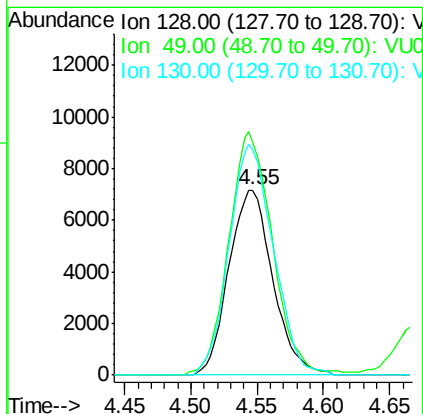
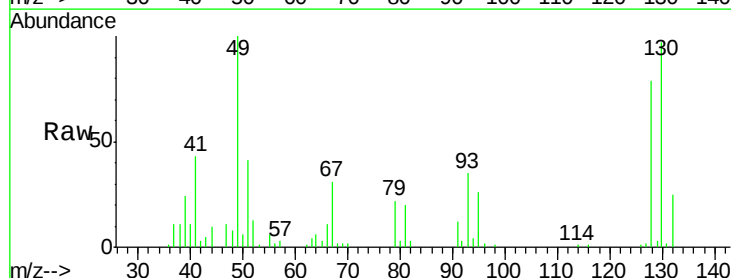
Tot Ion: 73 Resp: 95107
 Ion Ratio Lower Upper
 73 100
 43 18.9 22.1 33.1#

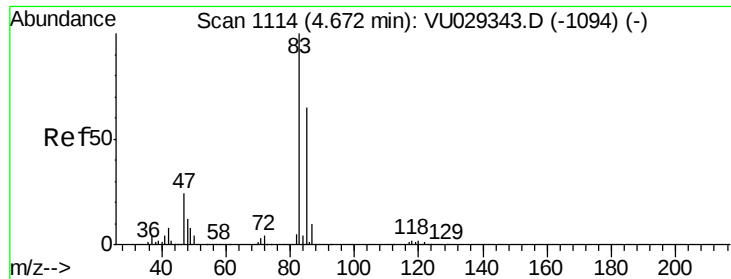


#26

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

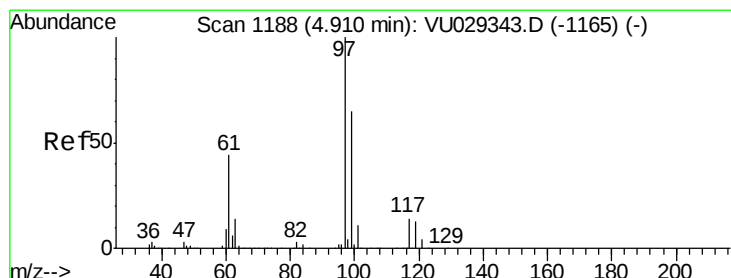
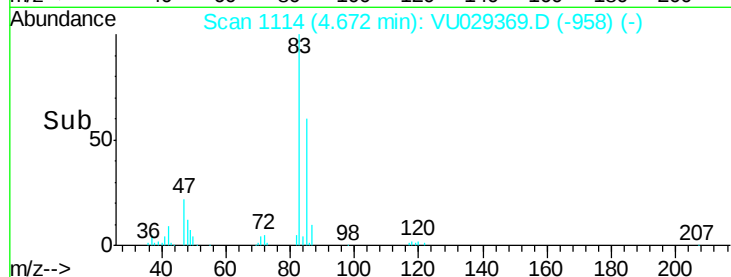
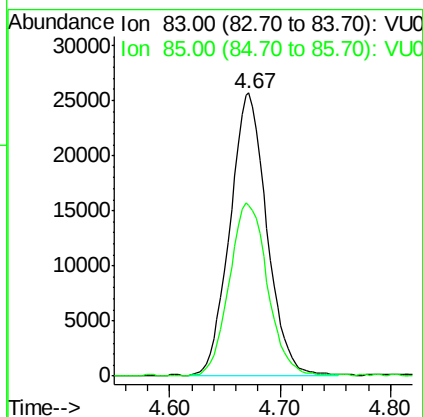
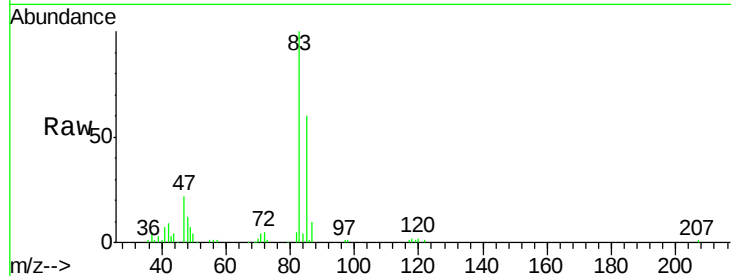
Tgt Ion: 128 Resp: 16519
 Ion Ratio Lower Upper
 128 100
 49 129.8 0.0 401.6
 130 125.4 108.0 162.0





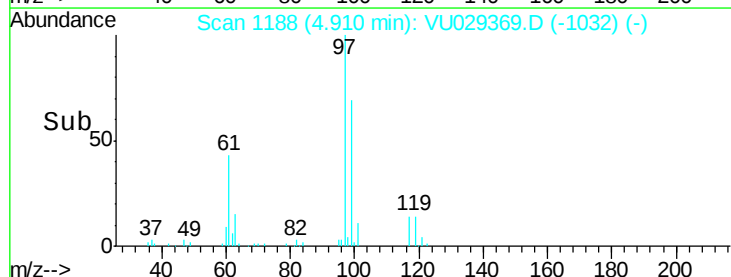
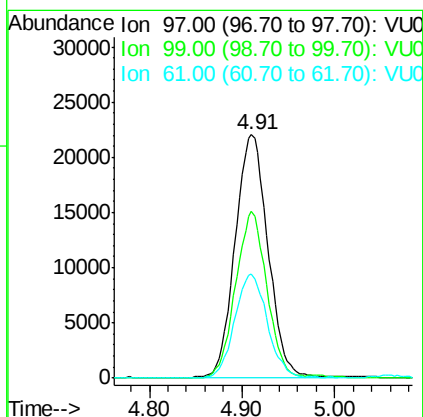
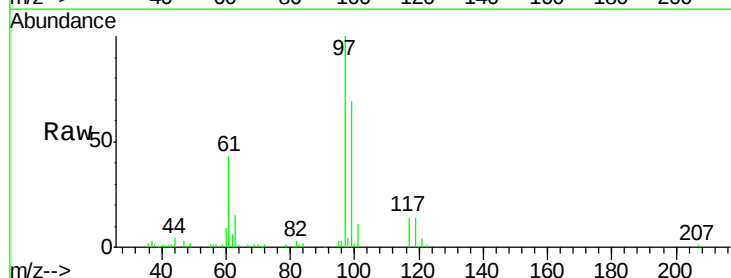
#27
Chloroform
Concen: 2.061 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

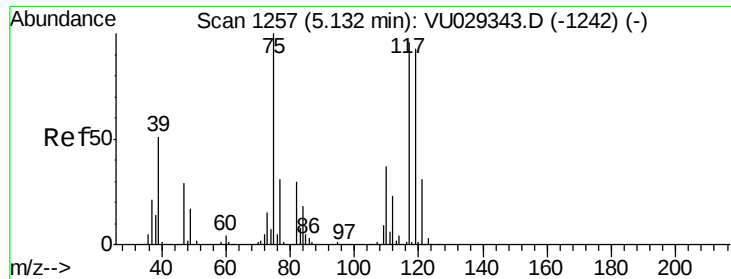
Tot Ion: 83 Resp: 59754
Ion Ratio Lower Upper
83 100
85 60.3 0.0 126.6



#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

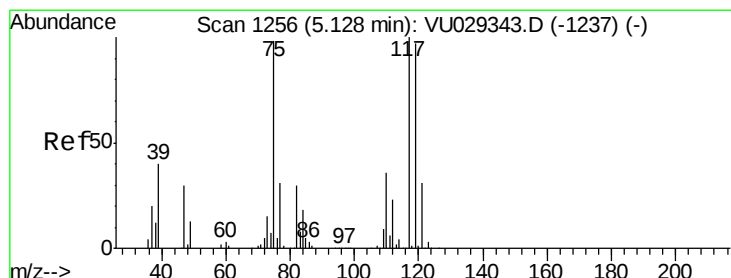
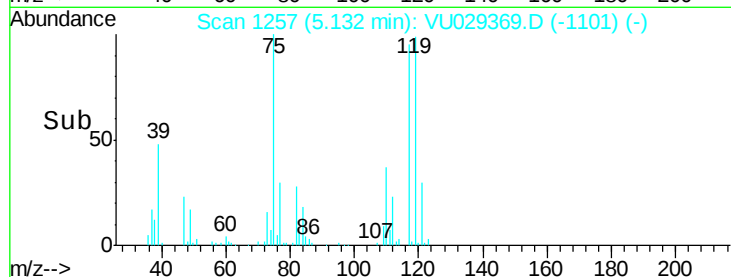
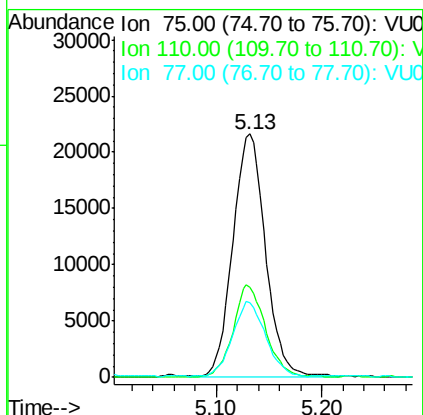
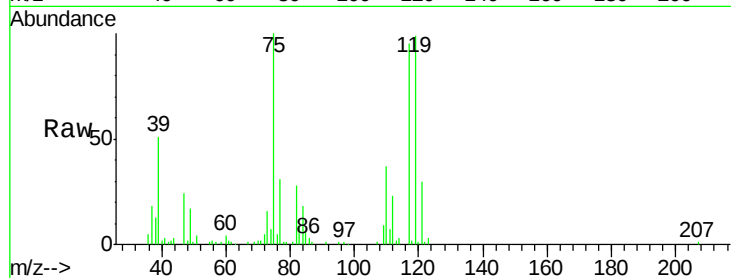
RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot 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

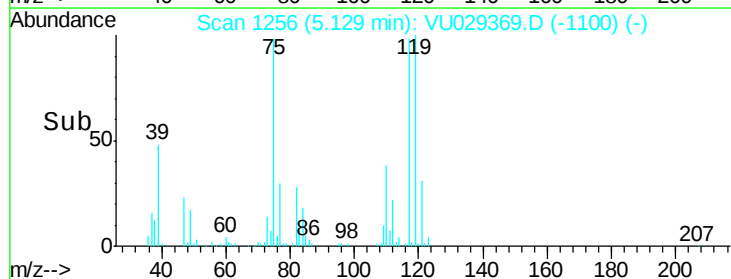
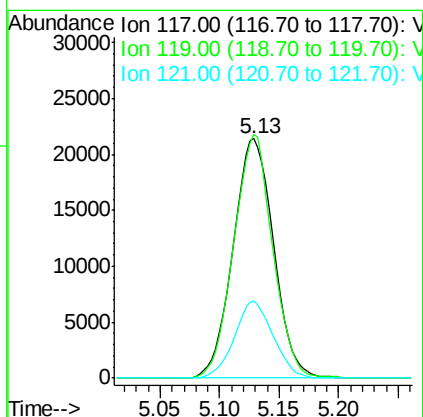
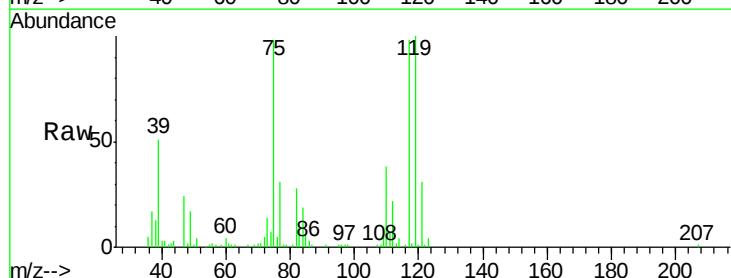
RT: 5.13 min Scan# 1256

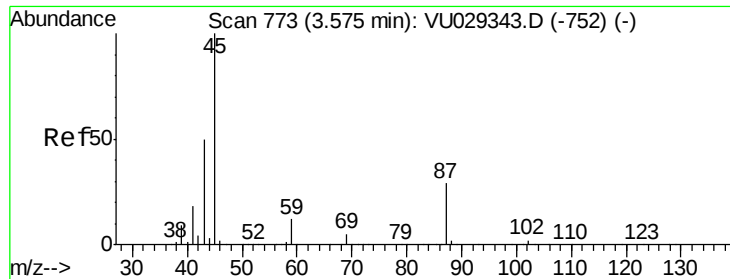
Delta R.T. 0.00 min

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

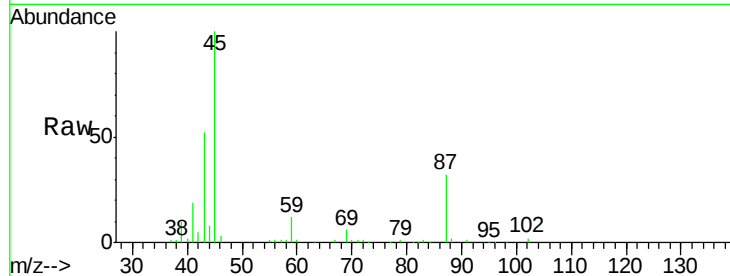
Acq: 07 Feb 2019 13:59

Tot 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

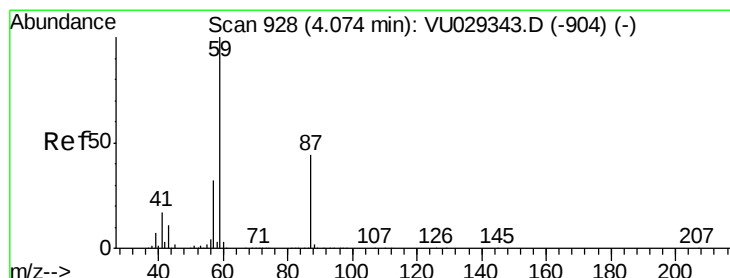
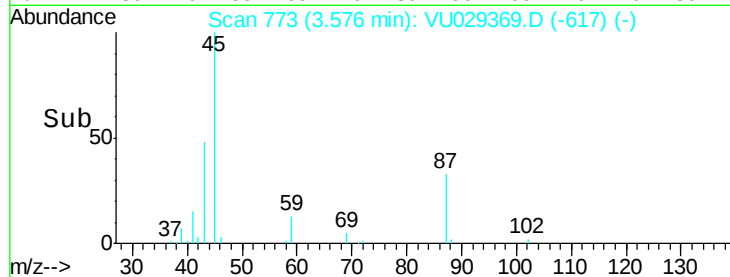
0

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

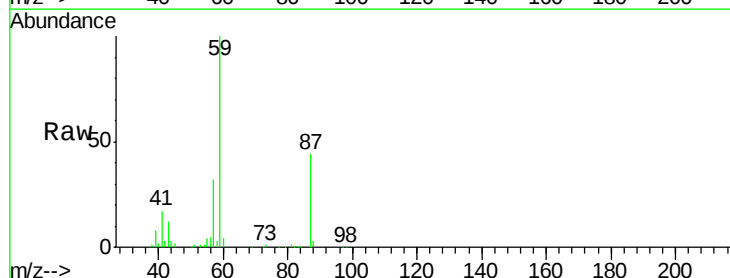
Acq: 07 Feb 2019 13:59

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

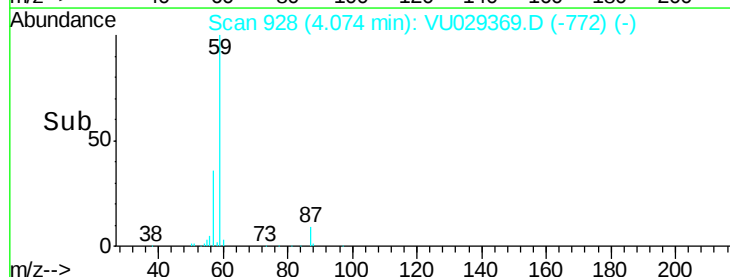
0

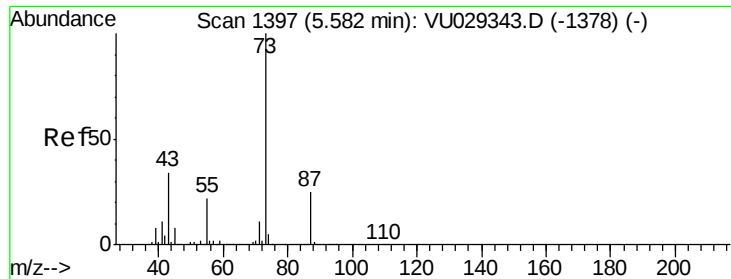
Time-->

4.00

4.10

4.20

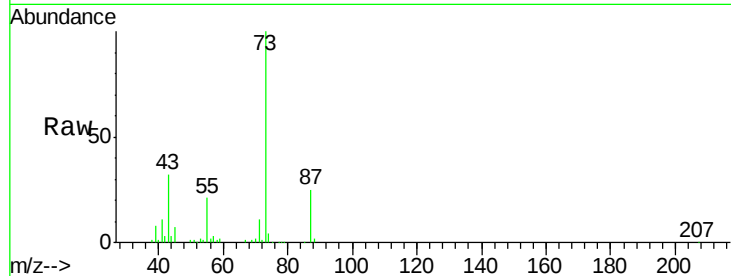




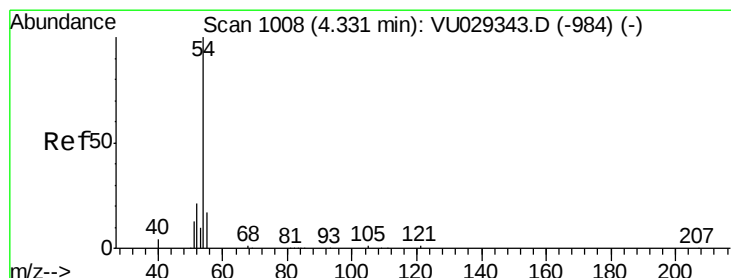
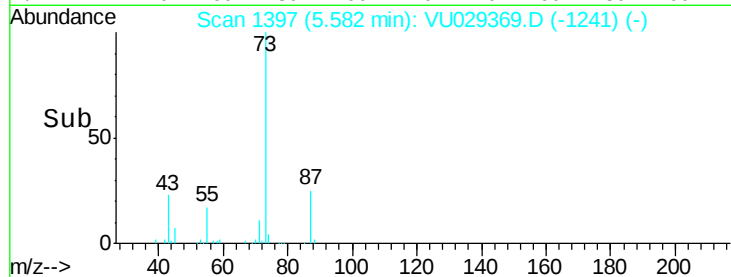
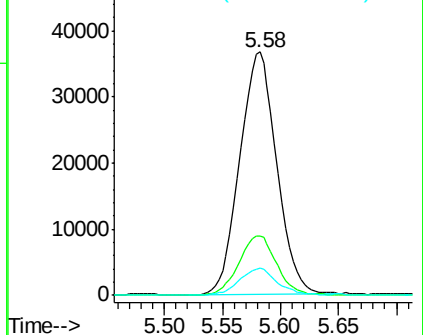
#33

Tert-Amvl methvl 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

Tot Ion	73	Resp	81034
Ion Ratio	100		
Lower	19.4		
Upper	29.0		
71	10.9		13.4



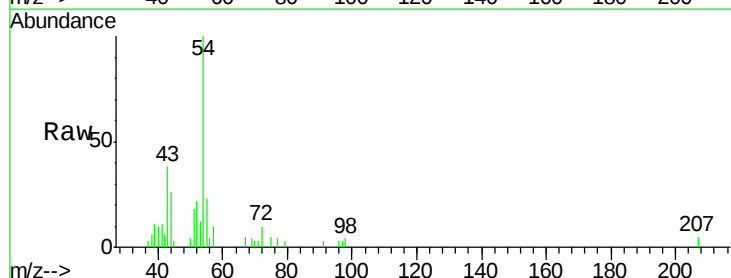
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



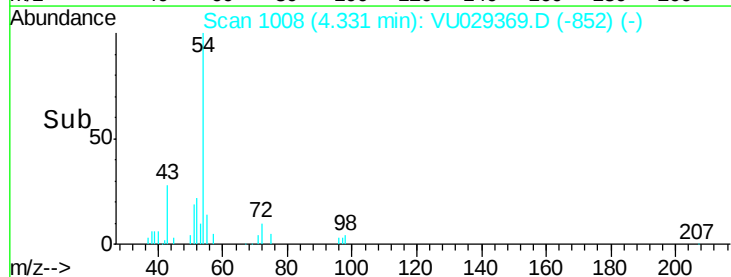
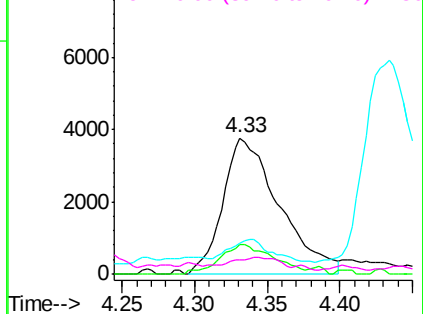
#34

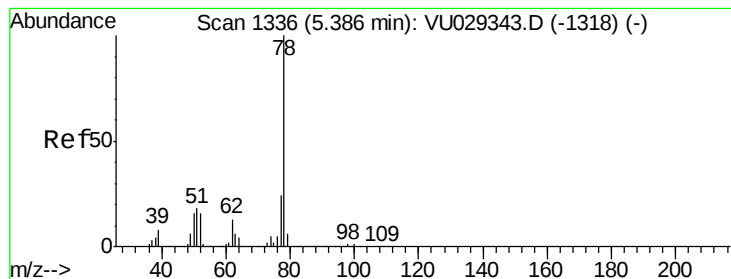
Propionitrile
Concen: 9.532 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	54	Resp	10177
Ion Ratio	100		
Lower	18.9		
Upper	28.3		
52	20.5		22.7#
55	11.8		10.8#
40	5.4		



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





#35

Benzene

Concen: 2.031 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029369.D

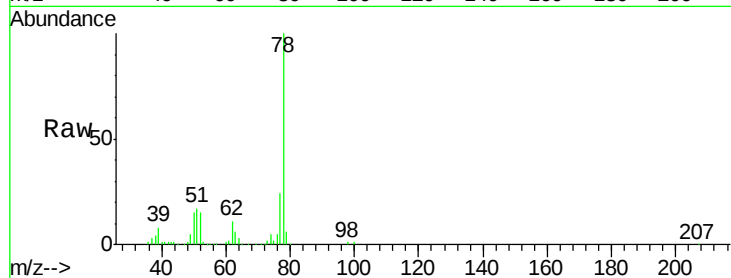
Acq: 07 Feb 2019 13:59

Tot Ion: 78 Resp: 131028

Ion Ratio Lower Upper

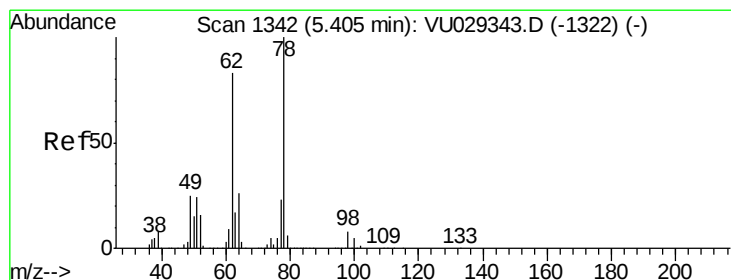
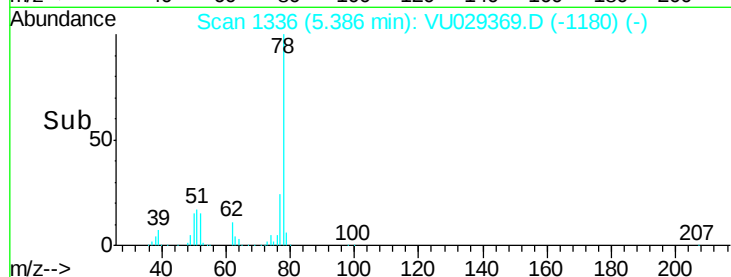
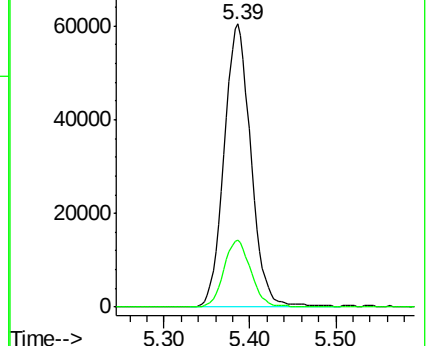
78 100

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

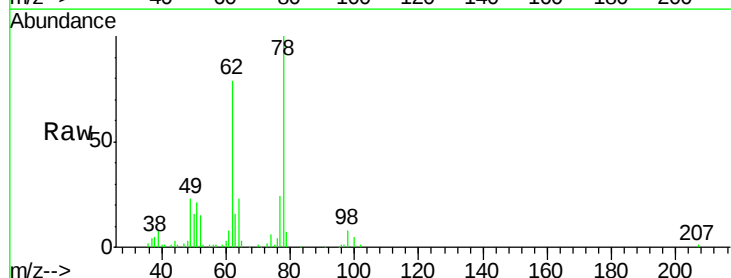
Acq: 07 Feb 2019 13:59

Tgt Ion: 62 Resp: 37595

Ion Ratio Lower Upper

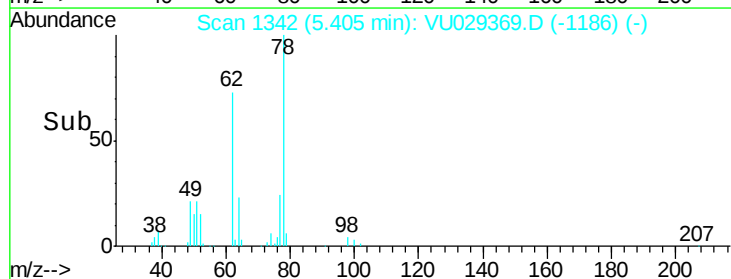
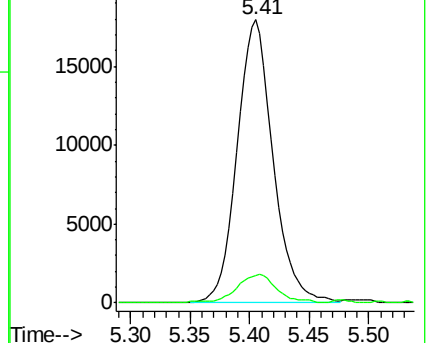
62 100

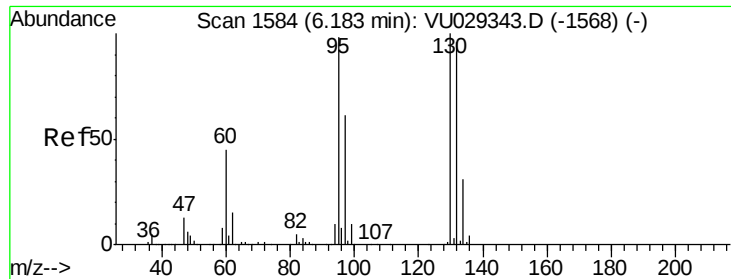
98 10.8 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

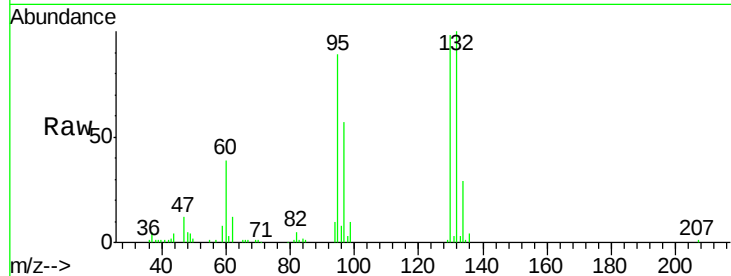
Ion 98.00 (97.70 to 98.70): VU0



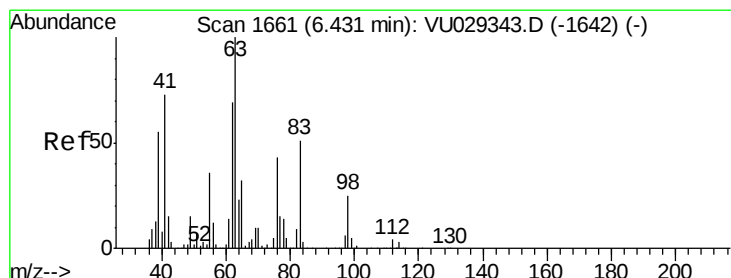
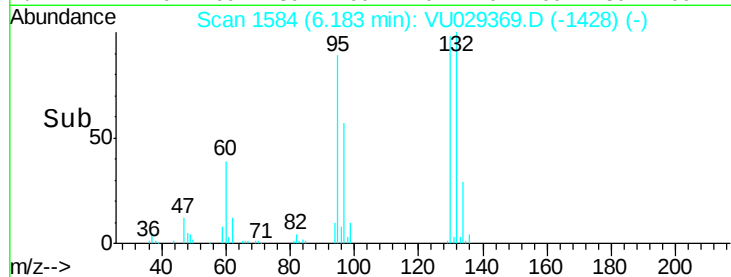
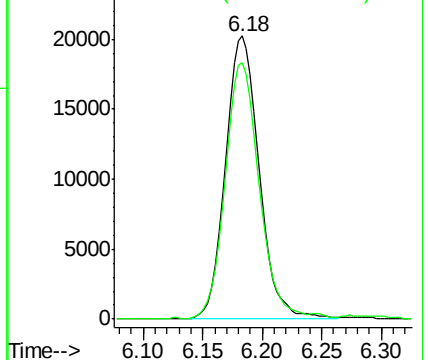


#37
 Trichloroethene
 Concen: 2.147 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tot Ion:130 Resp: 39753
 Ion Ratio Lower Upper
 130 100
 95 90.5 85.4 128.0

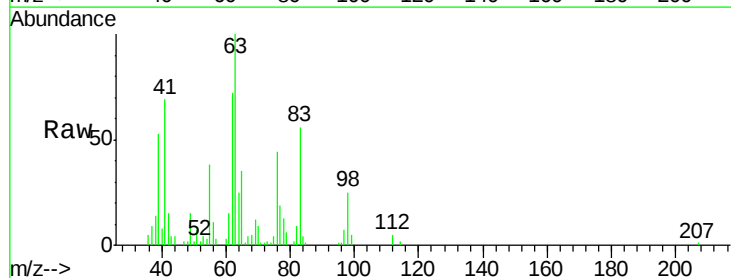


Abundance Ion 129.90 (129.60 to 130.60): VU029369.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029369.D (-1568) (-)

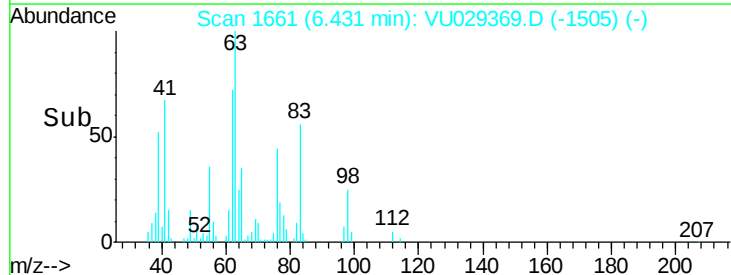
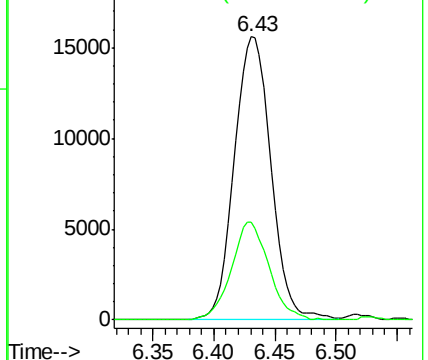


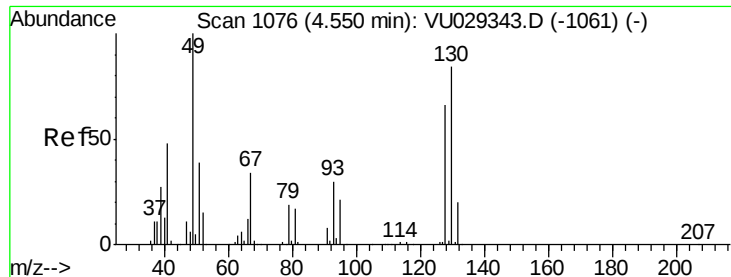
#38
 1,2-Dichloropropane
 Concen: 1.939 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

Tgt Ion: 63 Resp: 32540
 Ion Ratio Lower Upper
 63 100
 65 34.6 25.5 38.3



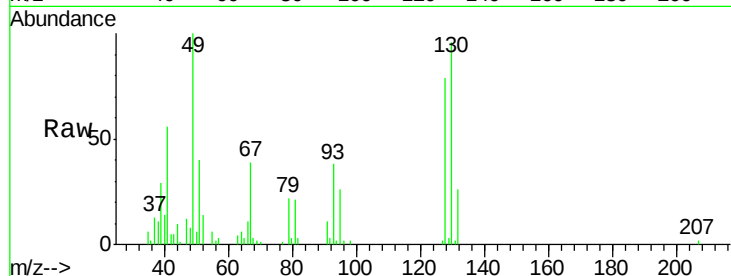
Abundance Ion 63.00 (62.70 to 63.70): VU029369.D (-1505) (-)
 Ion 65.00 (64.70 to 65.70): VU029369.D (-1505) (-)



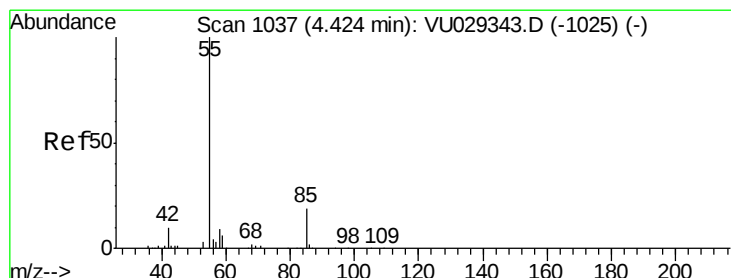
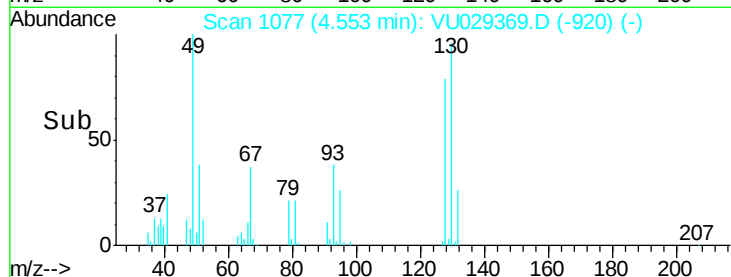
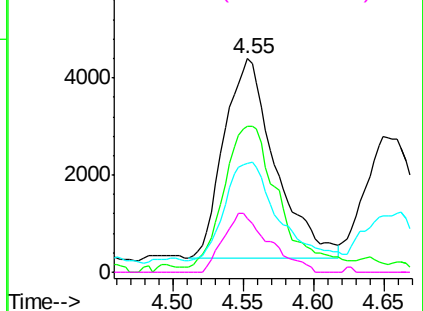


#39
Methacrylonitrile
Concen: 1.910 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot 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

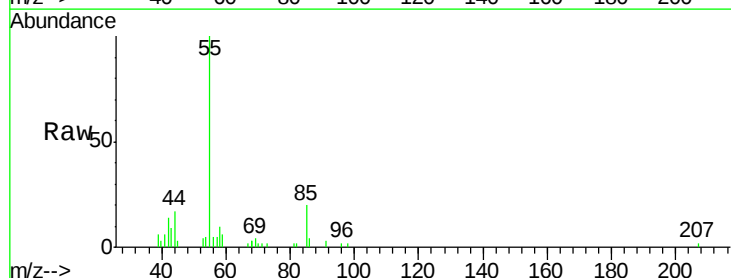


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

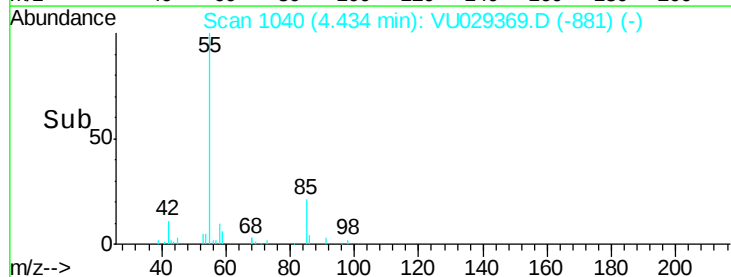
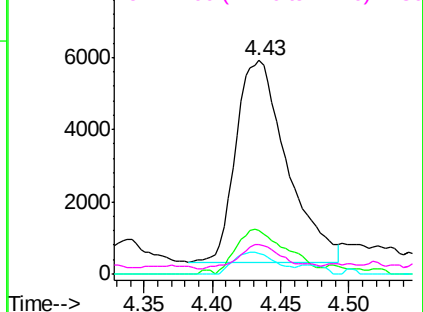


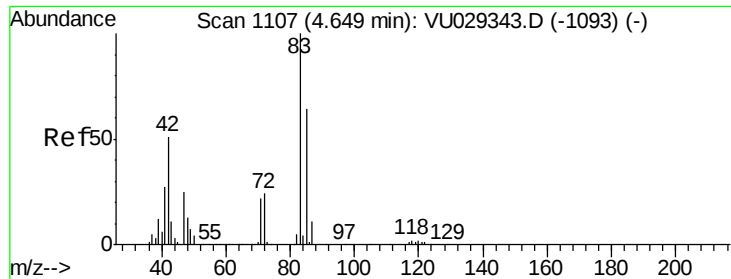
#40
Methyl acrylate
Concen: 1.751 ug/l
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion	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

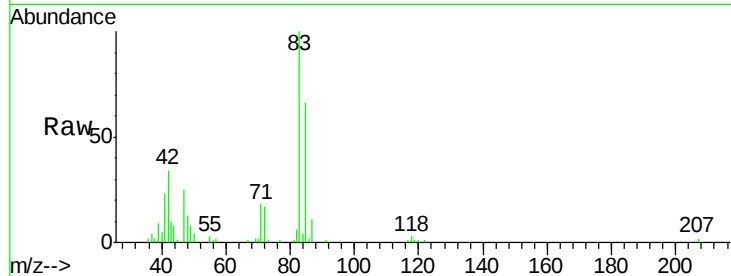
Tot Ion: 42 Resp: 9575

Ion Ratio Lower Upper

42 100

72 55.9 33.1 49.7#

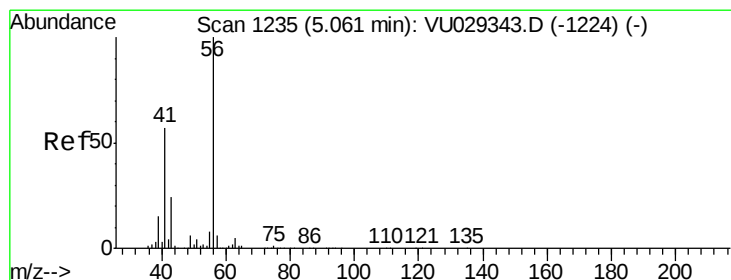
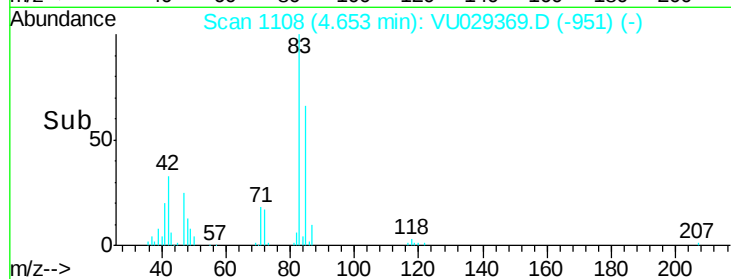
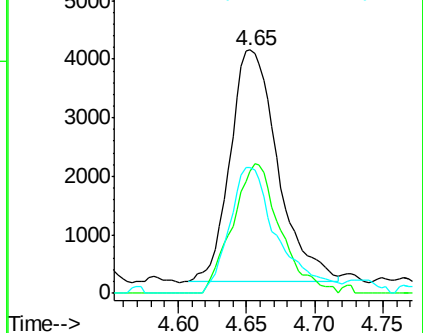
71 55.8 30.2 45.2#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.877 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU029369.D

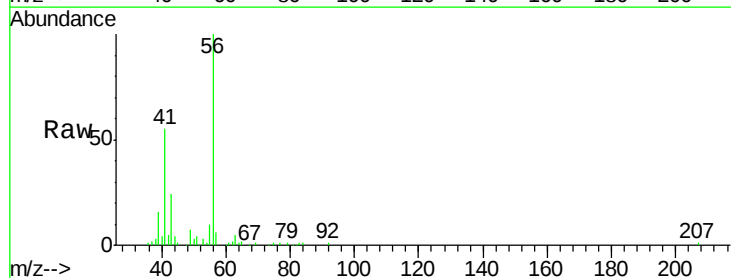
Acq: 07 Feb 2019 13:59

Tgt Ion: 56 Resp: 58658

Ion Ratio Lower Upper

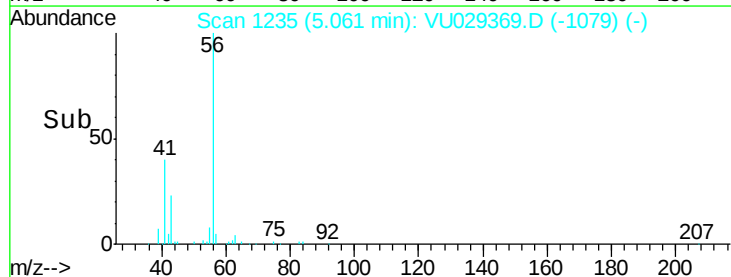
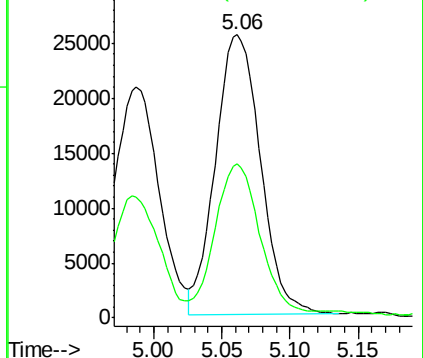
56 100

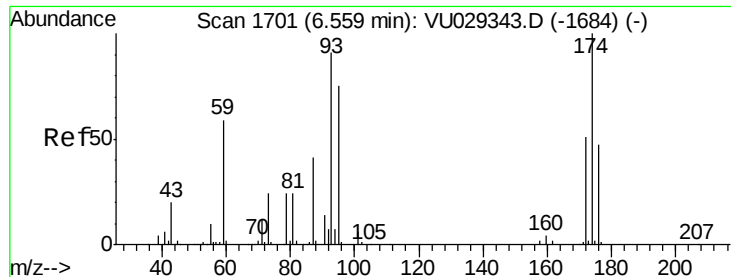
41 51.9 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#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

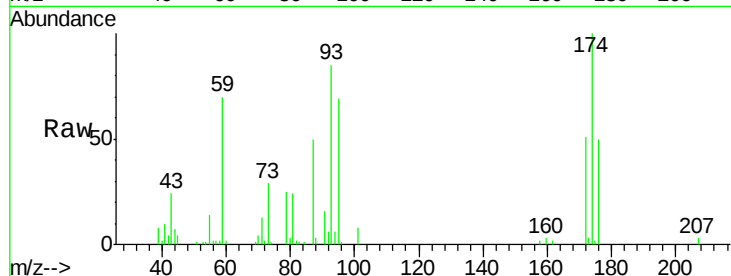
Tot Ion: 93 Resp: 17824

Ion	Ratio	Lower	Upper
93	100		
95	82.6	68.2	102.2
174	110.8	77.6	116.4

93 100

95 82.6 68.2 102.2

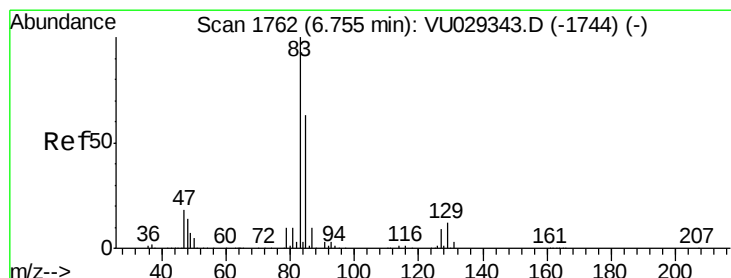
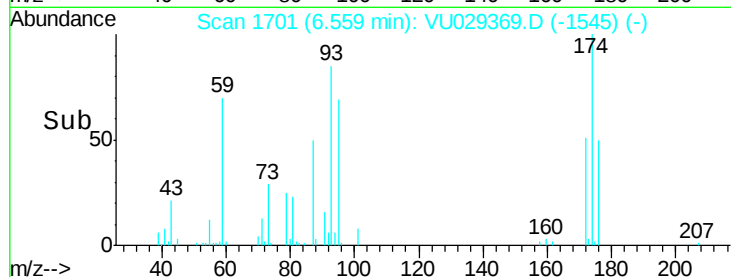
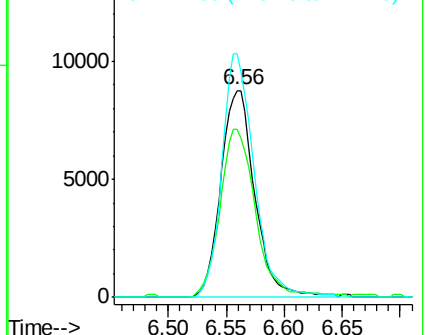
174 110.8 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#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

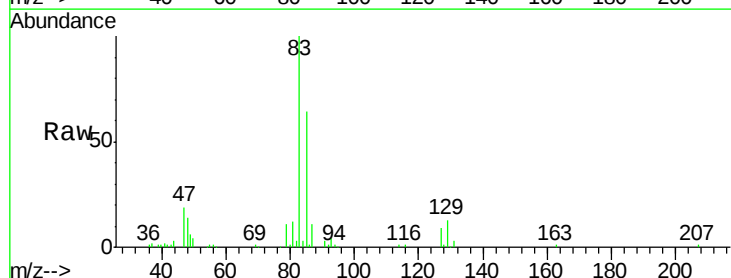
Tgt Ion: 83 Resp: 44623

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.2	73.8
127	9.3	7.0	10.6

83 100

85 63.9 49.2 73.8

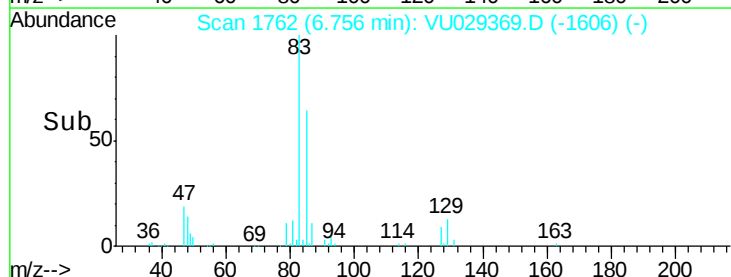
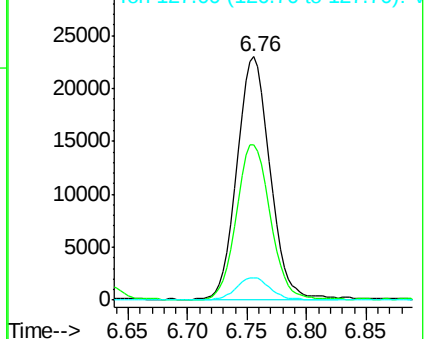
127 9.3 7.0 10.6

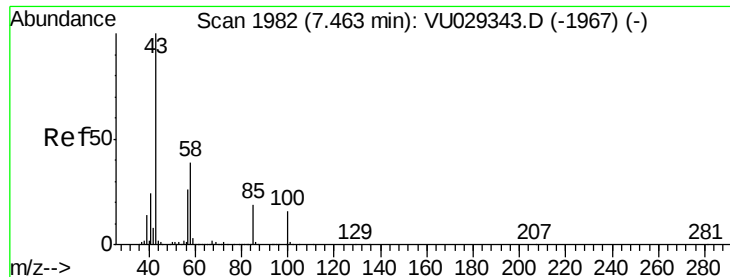


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

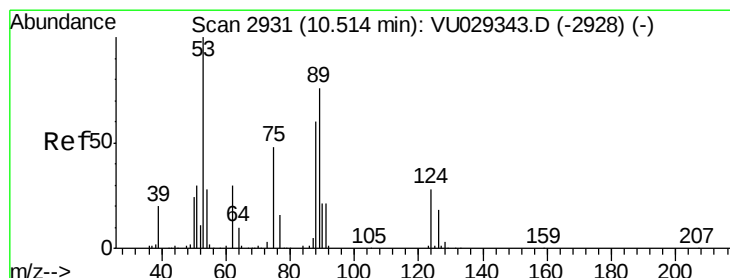
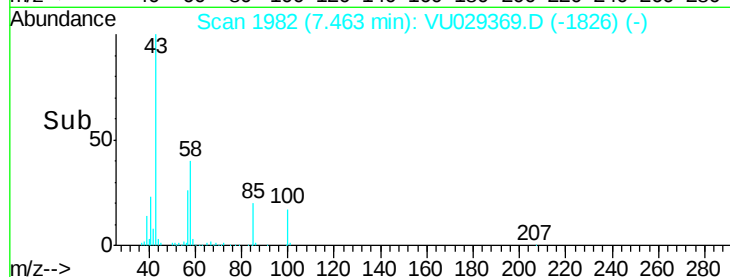
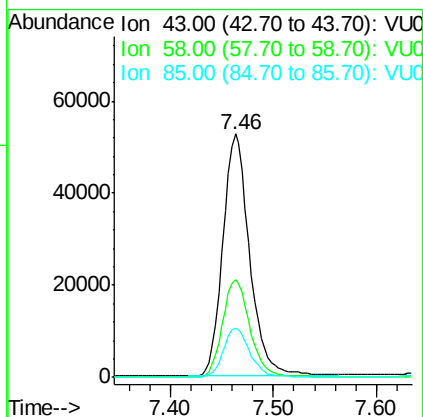
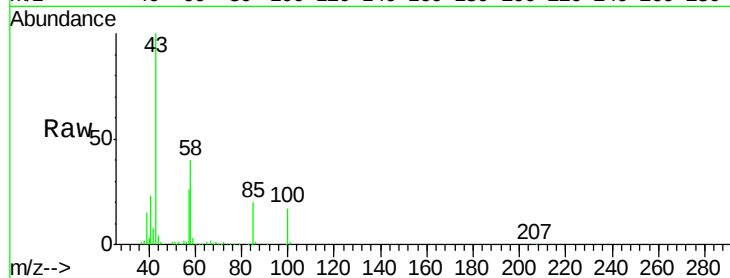
Ion 127.00 (126.70 to 127.70): V





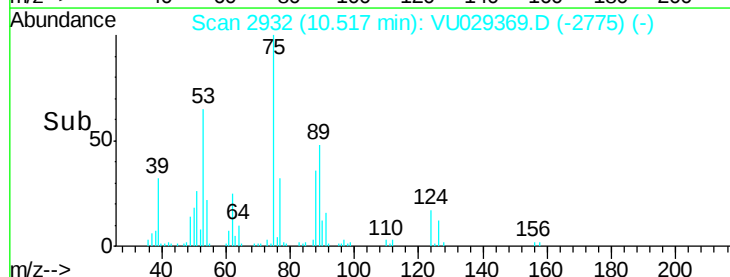
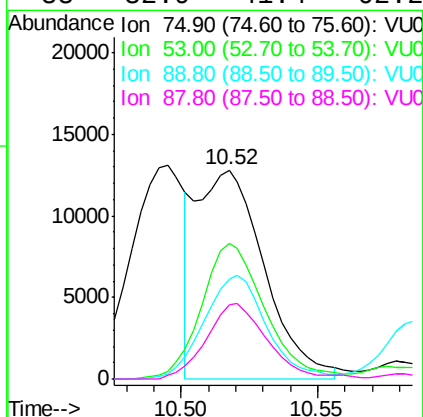
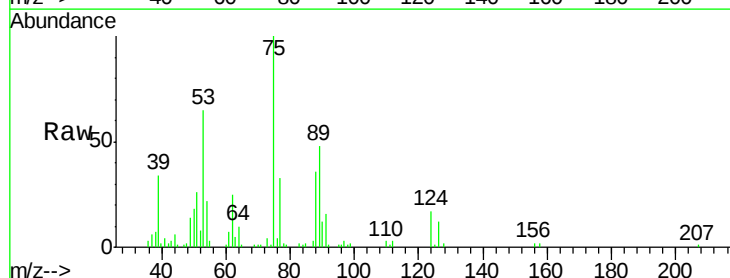
#45
 4-Methyl-2-Pentanone
 Concen: 9.105 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

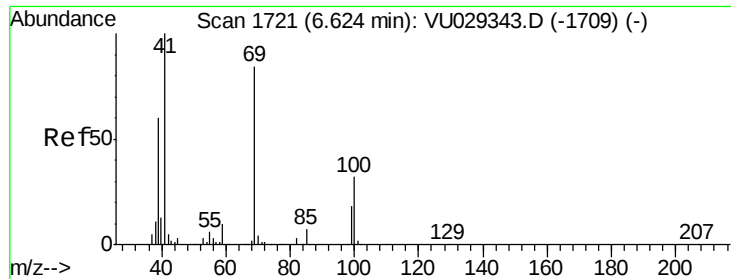
Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	17.6	52.8
85	20.2	12.3	18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 4.309 ug/l m
 RT: 10.52 min Scan# 2932
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

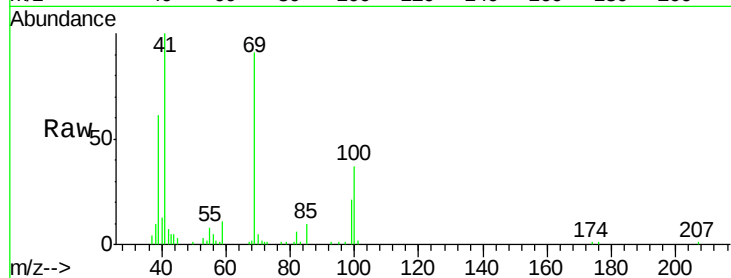
Tgt Ion	Ratio	Lower	Upper
75	100		
53	61.3	78.2	117.4#
89	46.2	44.2	66.4
88	32.9	41.4	62.2#



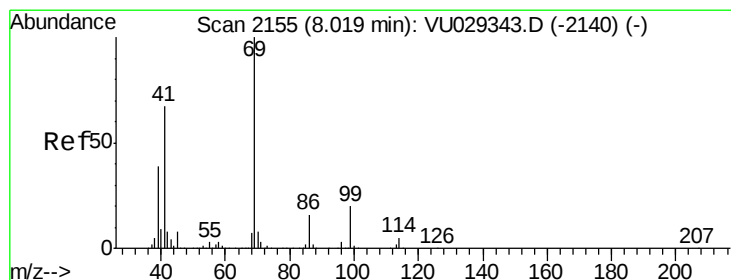
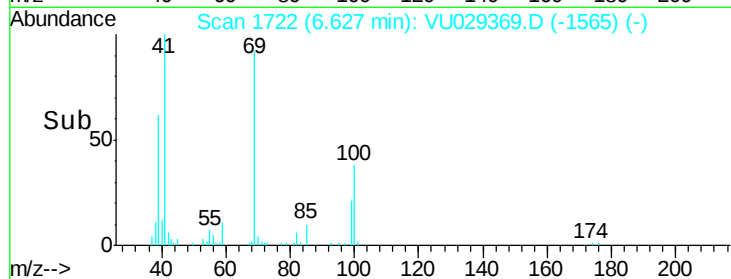
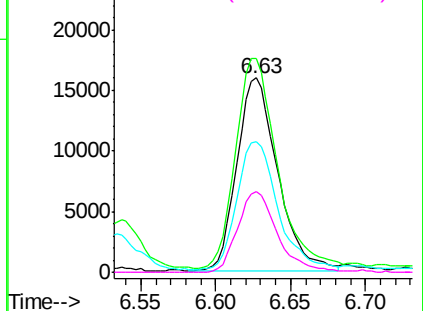


#47
Methyl methacrylate
Concen: 3.835 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot 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

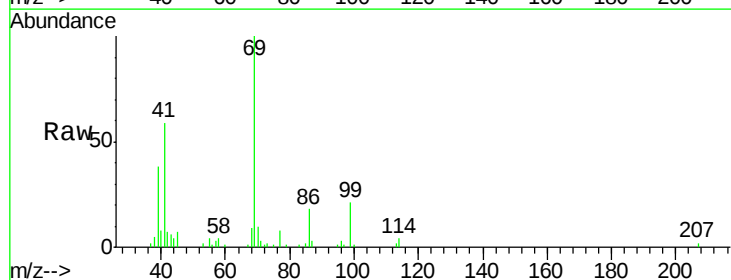


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

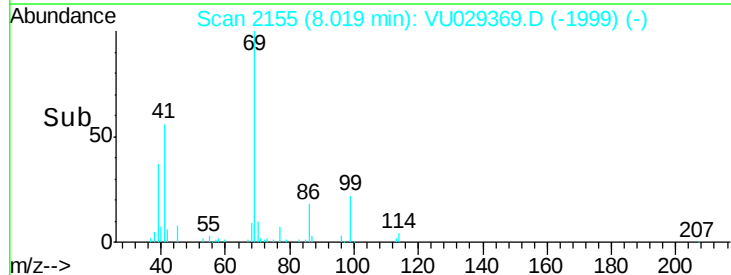
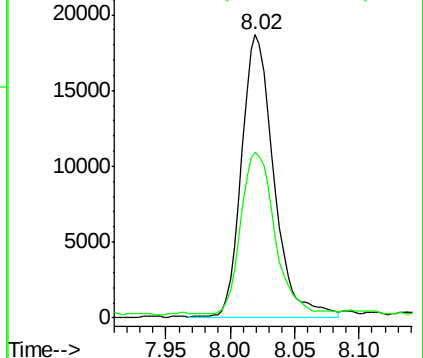


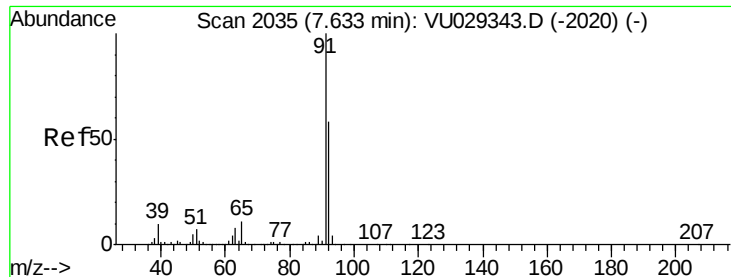
#48
Ethyl methacrylate
Concen: 1.945 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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

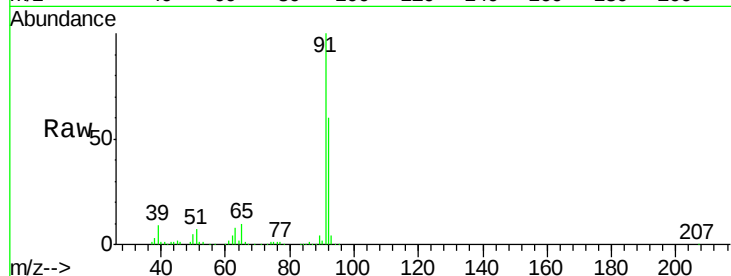
Acq: 07 Feb 2019 13:59

Tot Ion: 92 Resp: 83554

Ion Ratio Lower Upper

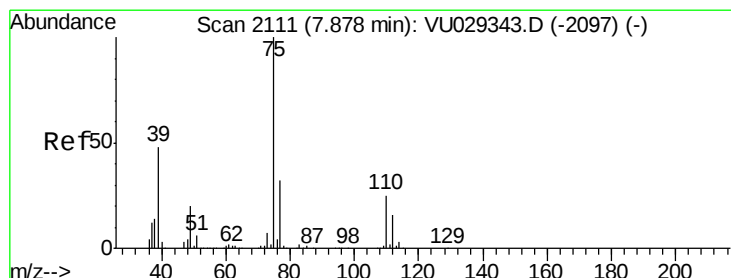
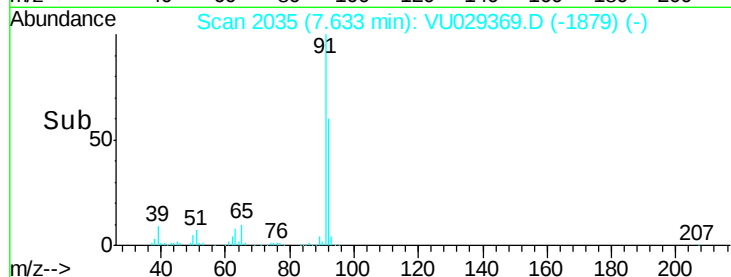
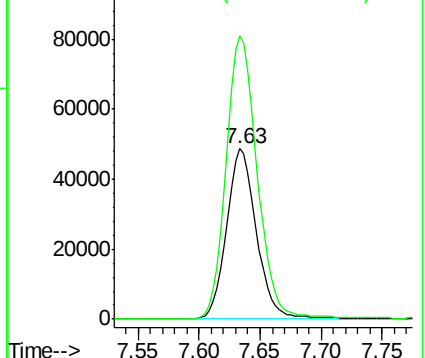
92 100

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

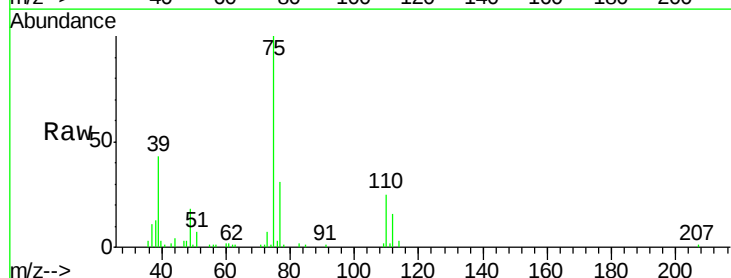
Acq: 07 Feb 2019 13:59

Tgt Ion: 75 Resp: 42568

Ion Ratio Lower Upper

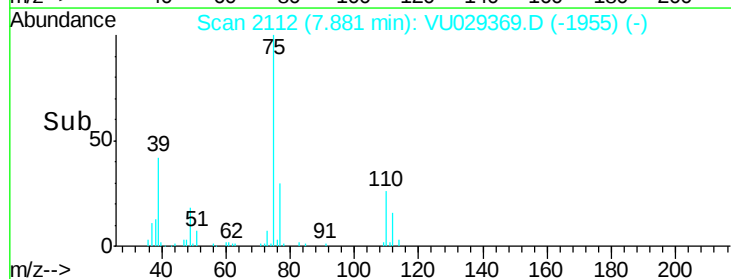
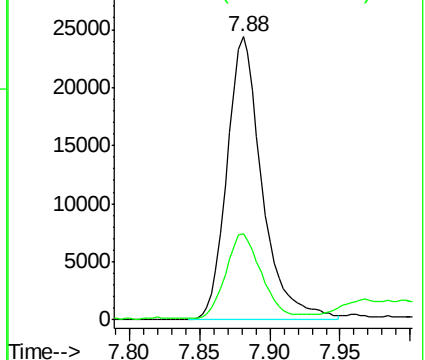
75 100

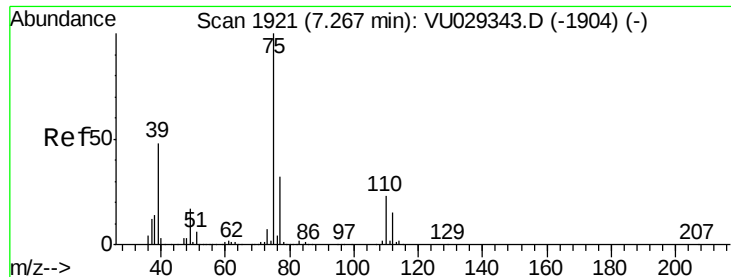
77 30.1 23.6 35.4



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

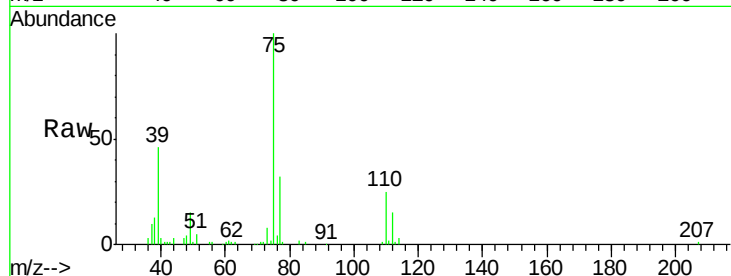
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot Ion: 75 Resp: 52417

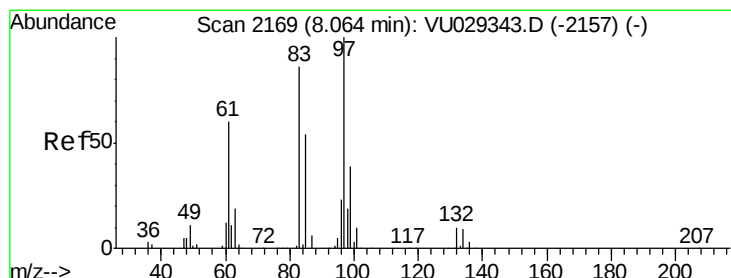
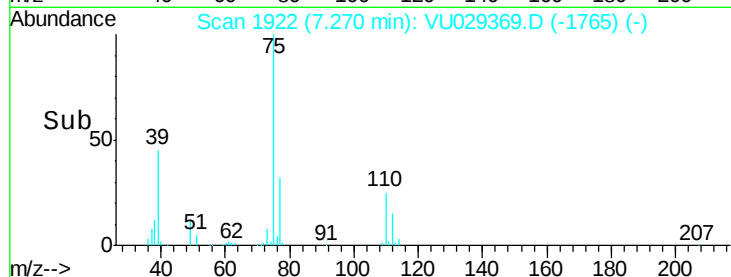
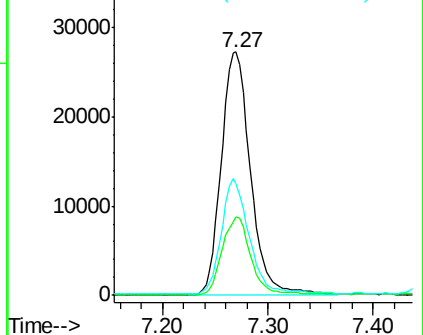
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	45.4	47.2	70.8#



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

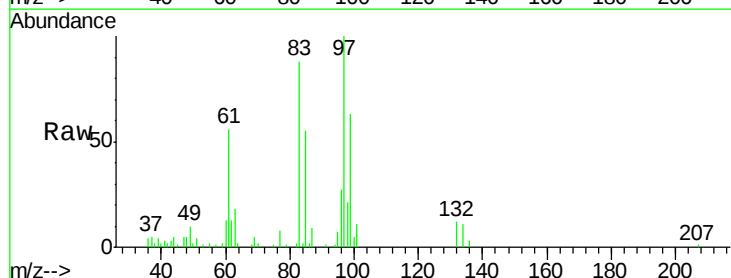
Delta R.T. 0.00 min

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

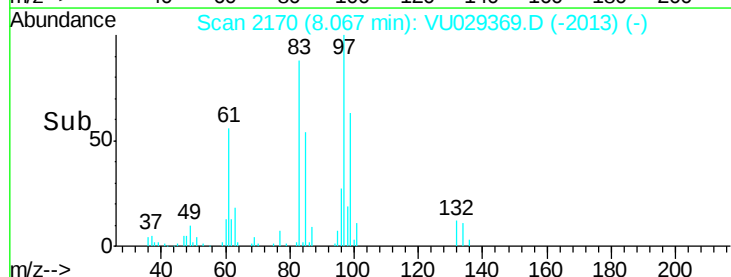
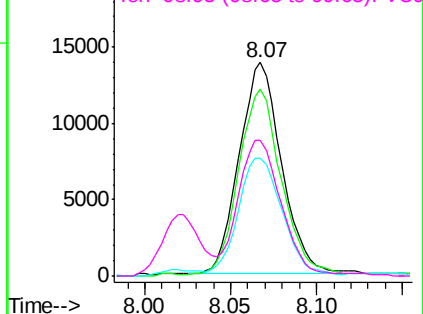


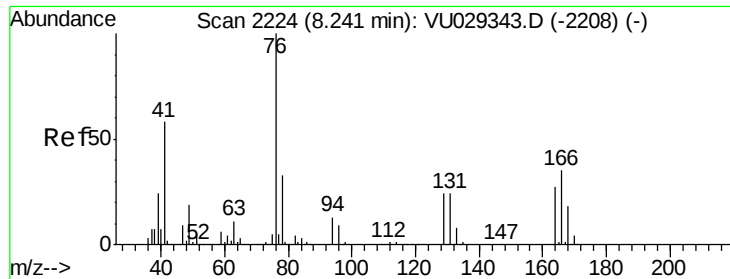
Abundance Ion 97.00 (96.70 to 97.70): VU0

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

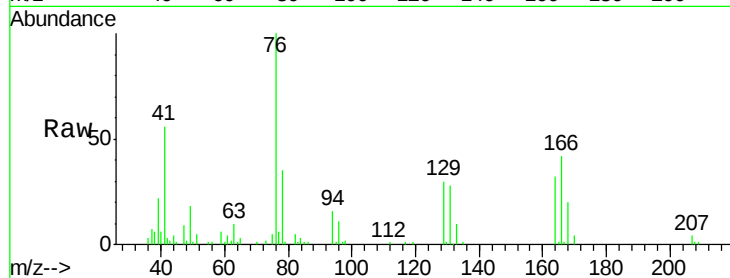
Acq: 07 Feb 2019 13:59

Tot 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

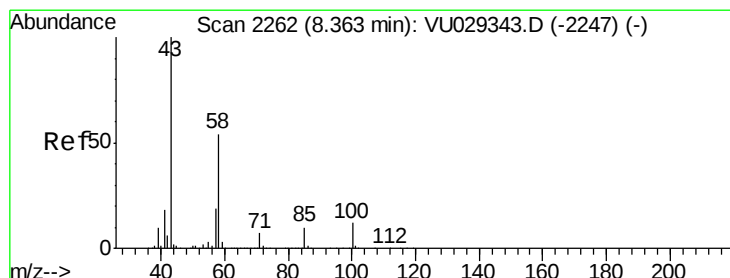
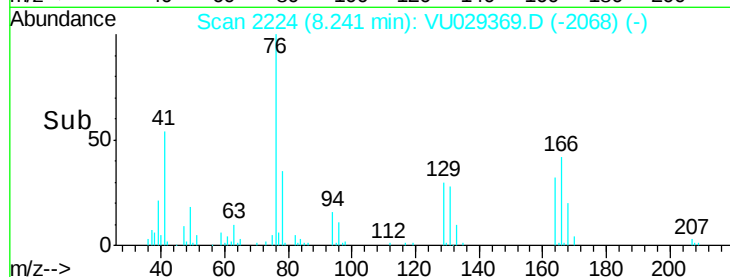
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#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

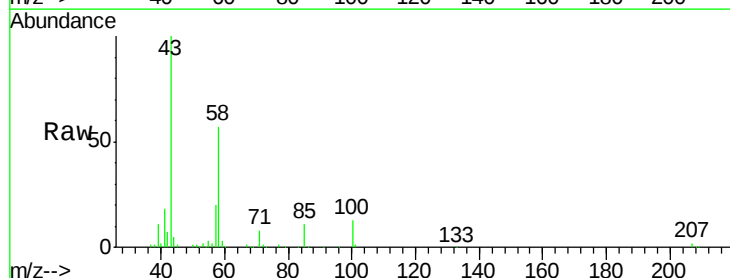
Tgt Ion: 43 Resp: 66468

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

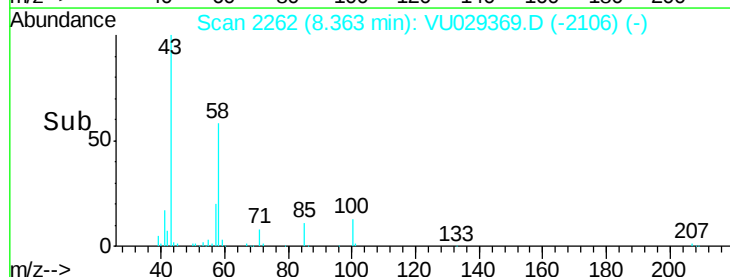
30000

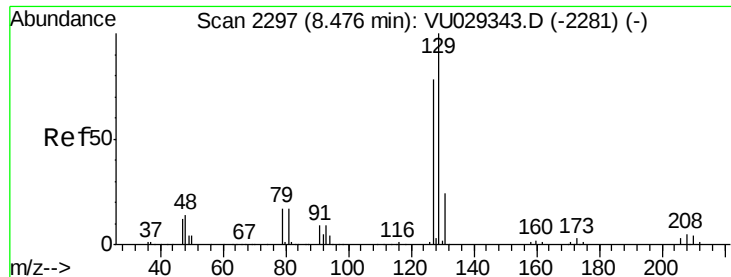
20000

10000

0

Time--> 8.30 8.35 8.40 8.45





#55

Dibromochloromethane

Concen: 2.012 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029369.D

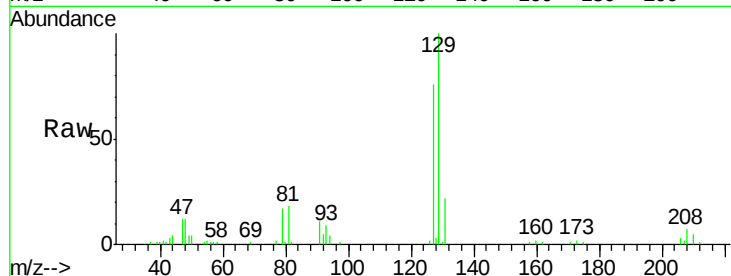
Acq: 07 Feb 2019 13:59

Tot Ion:129 Resp: 33853

Ion Ratio Lower Upper

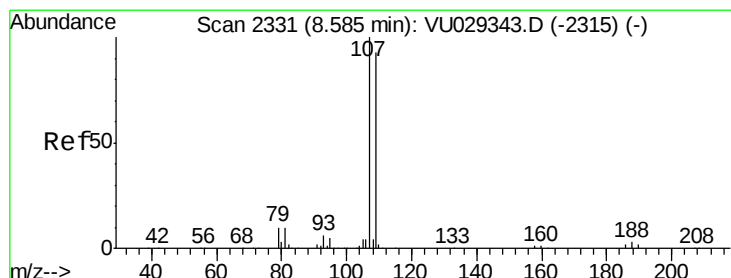
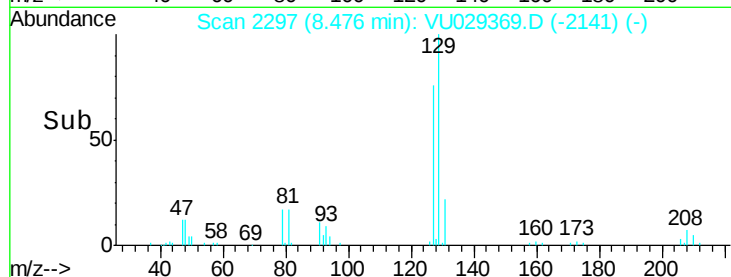
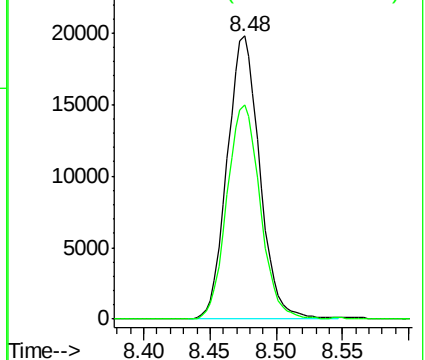
129 100

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

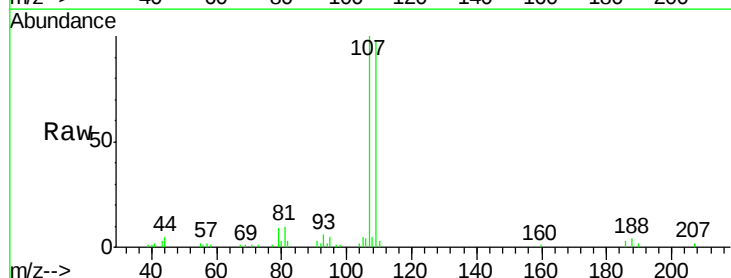
Acq: 07 Feb 2019 13:59

Tgt Ion:107 Resp: 24508

Ion Ratio Lower Upper

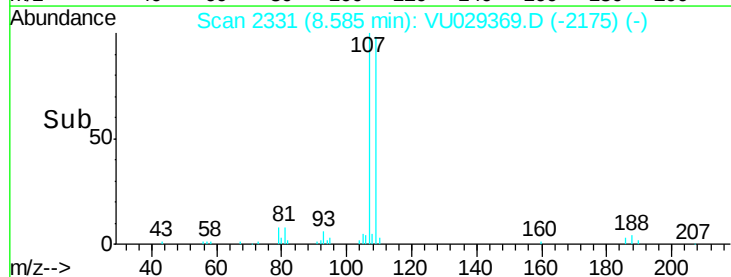
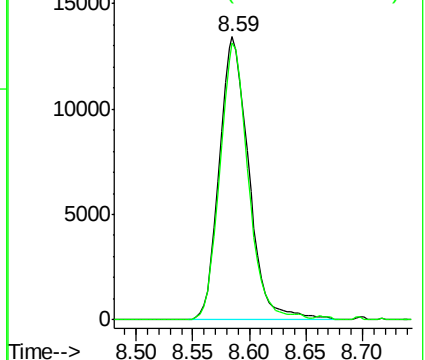
107 100

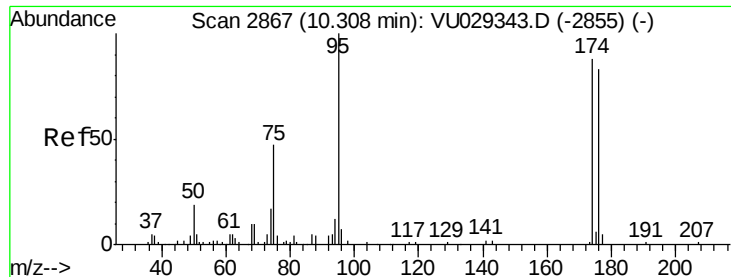
109 93.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

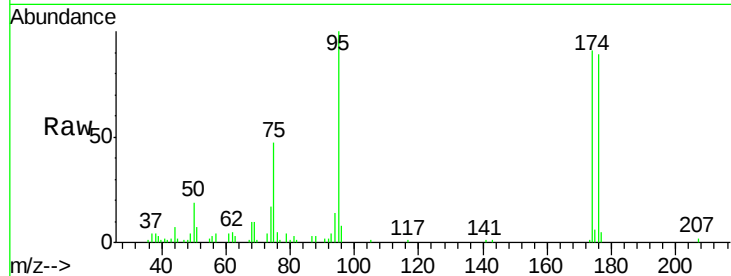
Ion 109.00 (108.70 to 109.70): V





#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

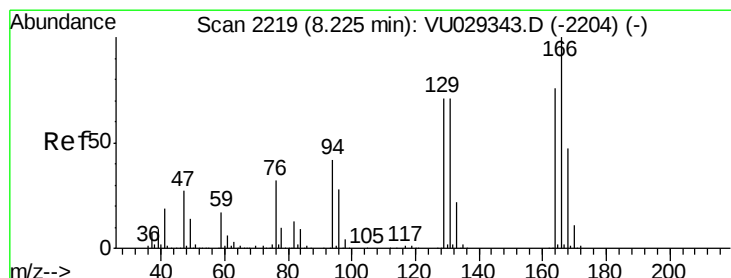
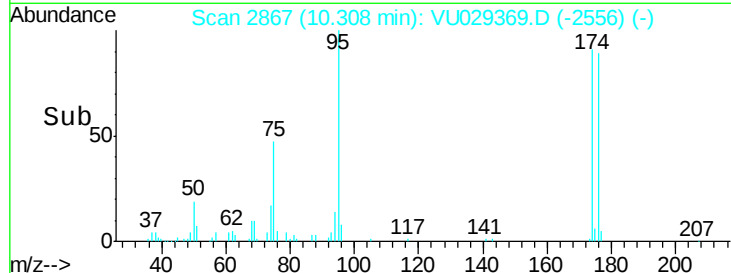
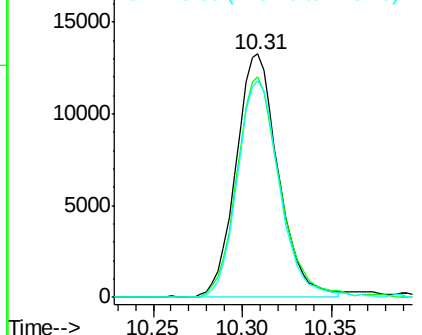
Tot Ion	95	Resp	21999
Ion Ratio	100		
Lower			
Upper			
95	100		
174	92.2	64.2	96.2
176	88.9	62.3	93.5



Abundance Ion 95.00 (94.70 to 95.70): VU029343.D (-2855) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-2855) (-)

Ion 176.00 (175.70 to 176.70): VU029343.D (-2855) (-)



#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

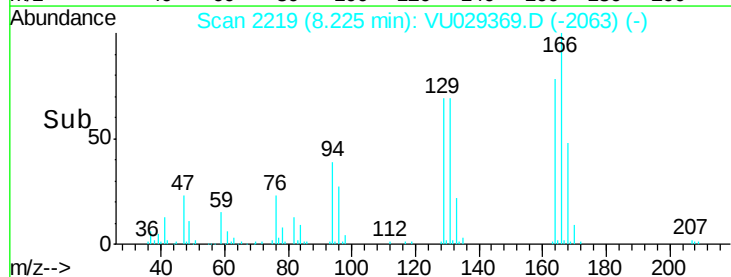
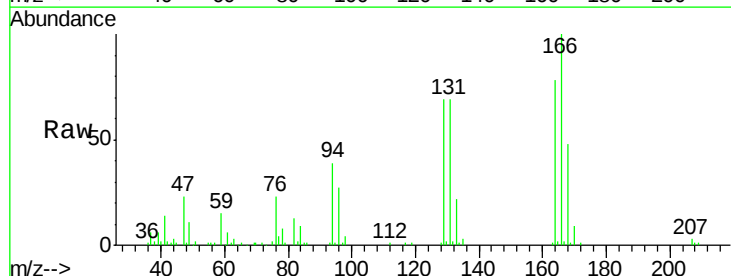
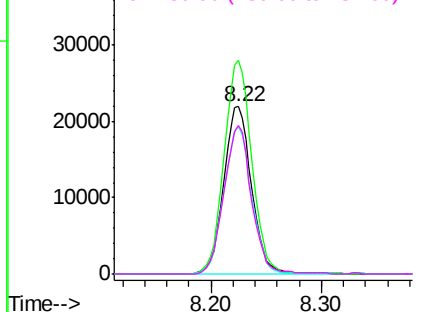
Tgt Ion	164	Resp	38224
Ion Ratio	100		
Lower			
Upper			
164	100		
166	127.7	106.6	159.8
129	88.3	79.9	119.9
131	88.7	75.8	113.8

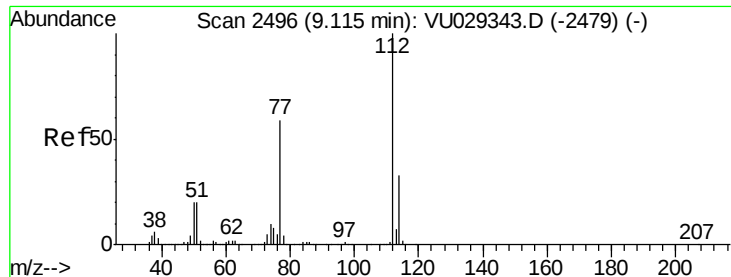
Abundance Ion 163.85 (163.55 to 164.55): VU029343.D (-2204) (-)

Ion 165.80 (165.50 to 166.50): VU029343.D (-2204) (-)

Ion 128.90 (128.60 to 129.60): VU029343.D (-2204) (-)

Ion 130.90 (130.60 to 131.60): VU029343.D (-2204) (-)





#59

Chlorobenzene

Concen: 2.079 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029369.D

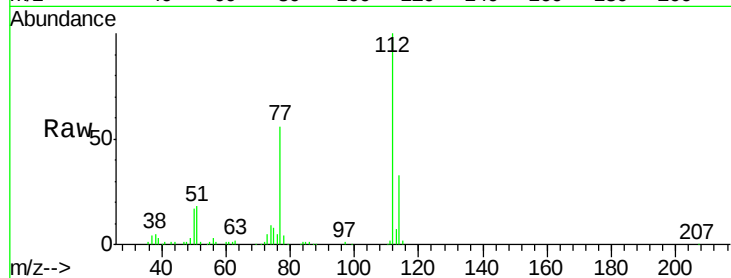
Acq: 07 Feb 2019 13:59

Tot Ion:112 Resp: 96690

Ion Ratio Lower Upper

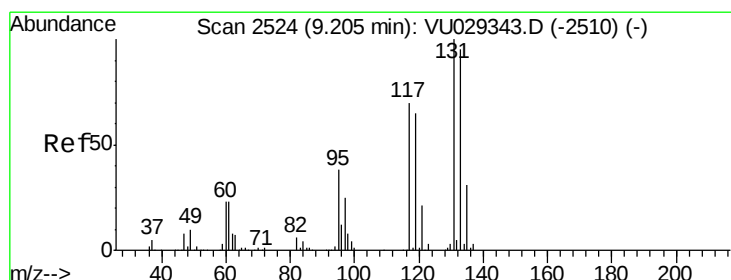
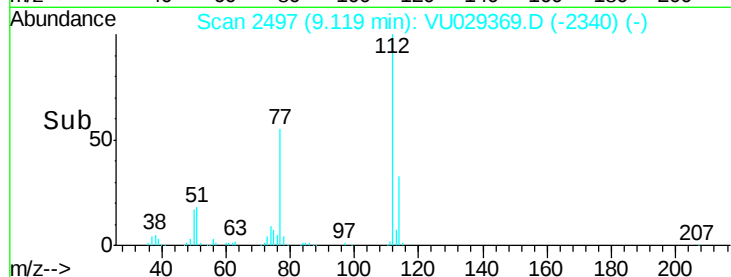
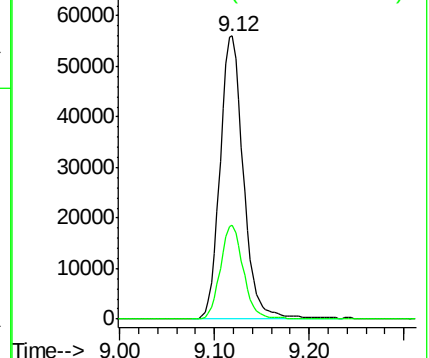
112 100

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

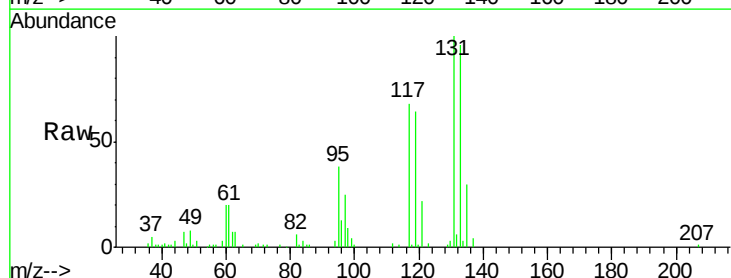
Tgt Ion:131 Resp: 36123

Ion Ratio Lower Upper

131 100

133 96.5 77.3 115.9

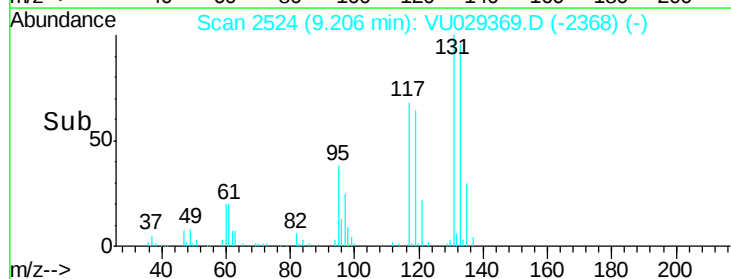
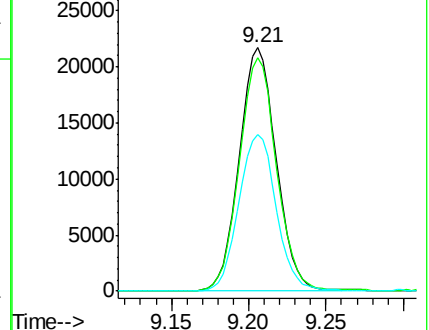
119 64.7 48.9 73.3

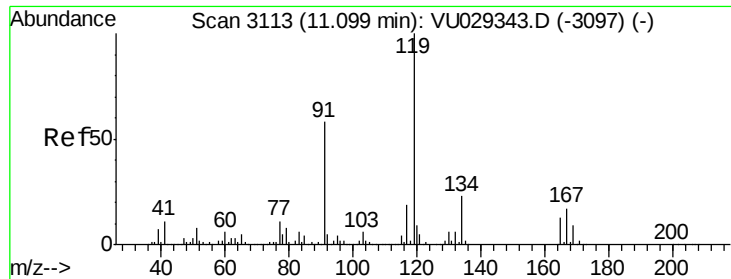


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

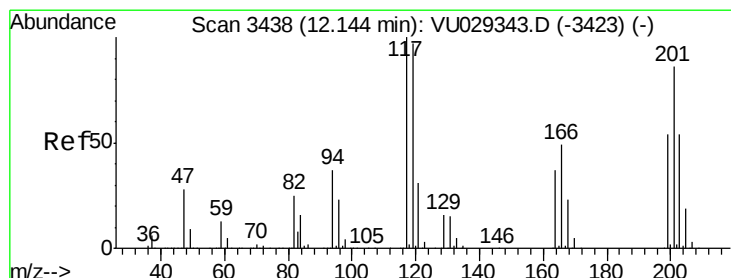
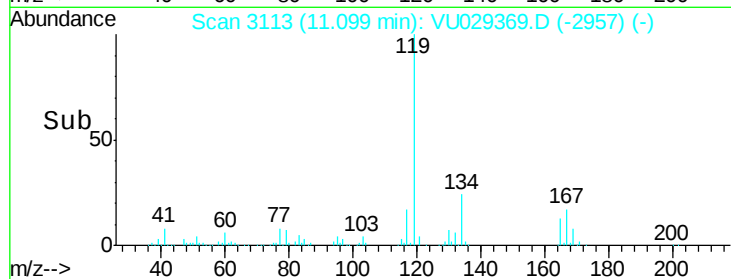
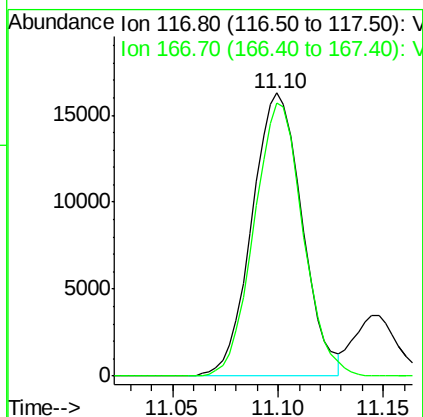
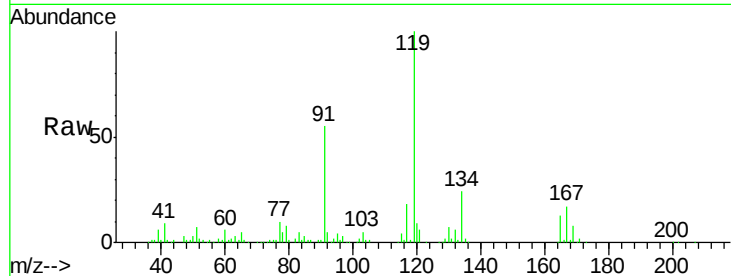
Ion 119.00 (118.70 to 119.70): V





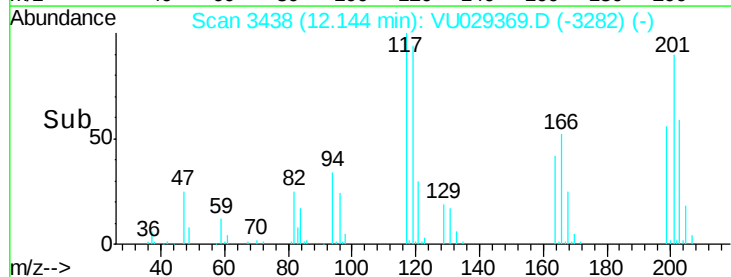
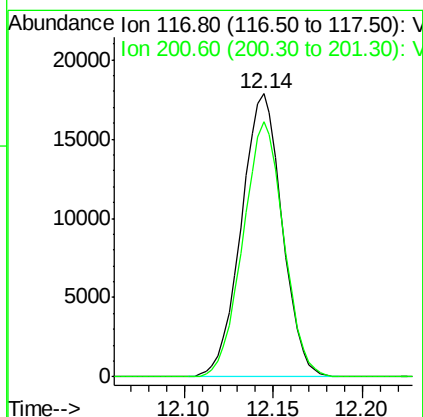
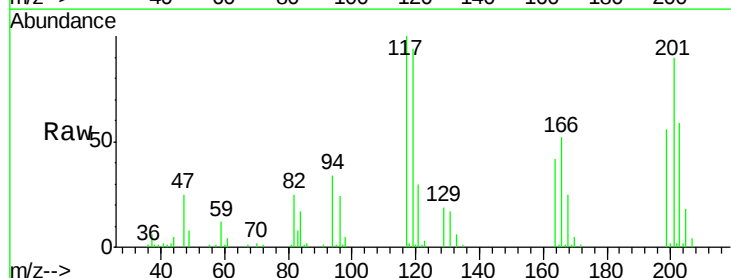
#61
 Pentachloroethane
 Concen: 2.021 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

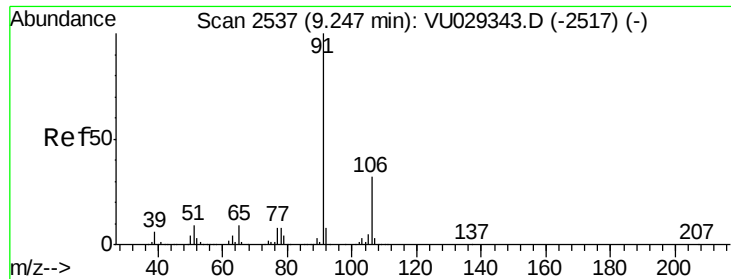
Tot Ion:117 Resp: 26914
 Ion Ratio Lower Upper
 117 100
 167 93.7 65.9 98.9



#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

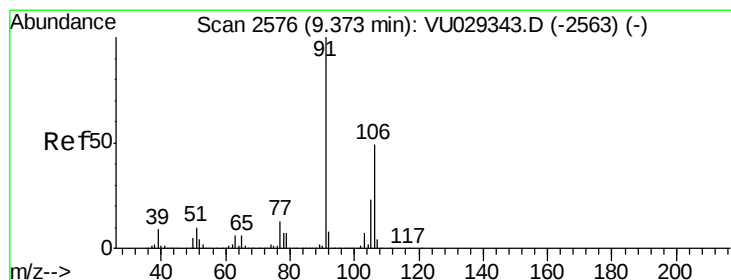
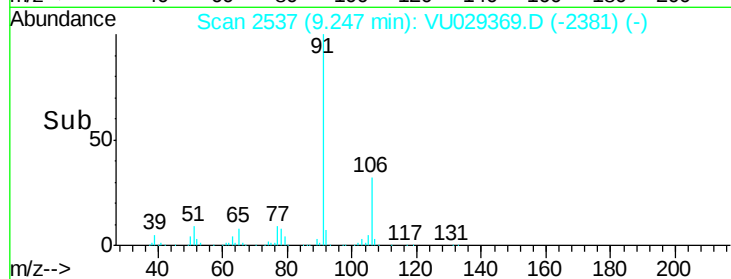
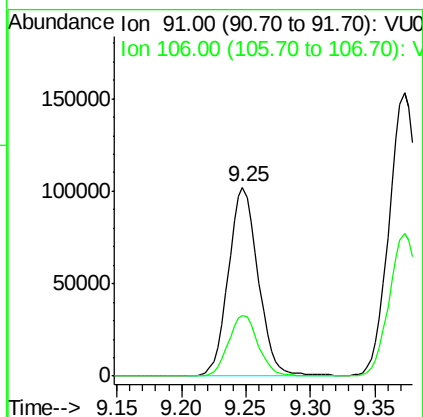
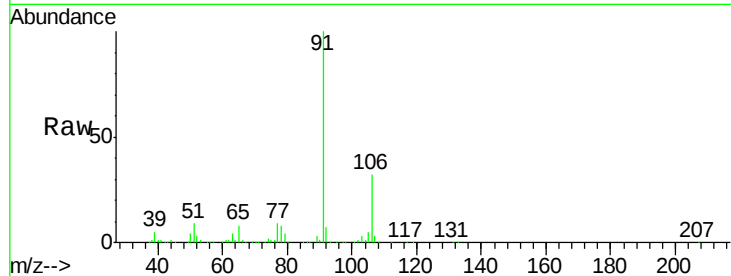
Tgt Ion:117 Resp: 28497
 Ion Ratio Lower Upper
 117 100
 201 90.1 68.2 102.2





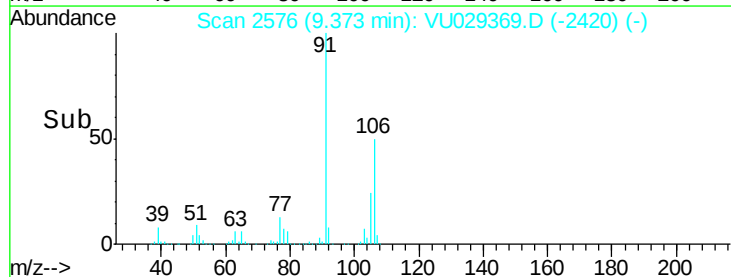
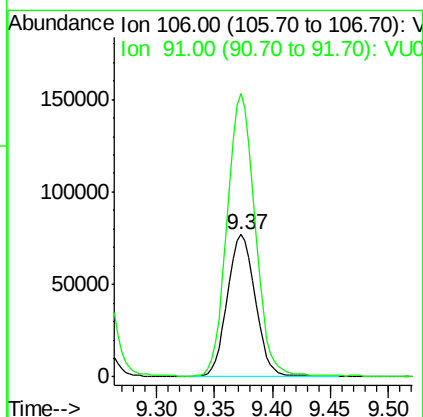
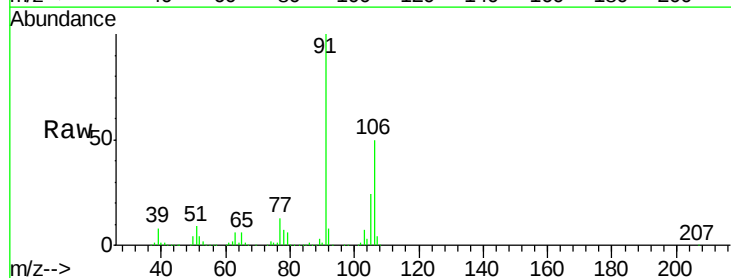
#63
Ethyl Benzene
Concen: 2.032 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

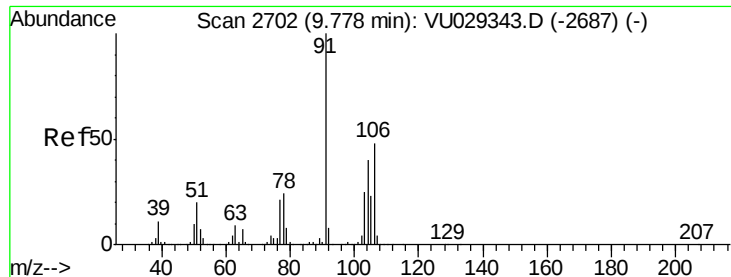
Tot Ion: 91 Resp: 164126
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.6



#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

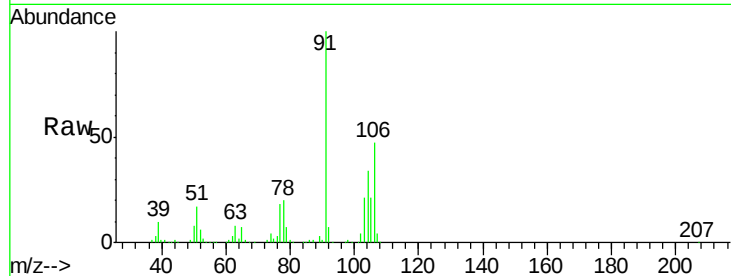
Tgt Ion: 106 Resp: 128361
Ion Ratio Lower Upper
106 100
91 197.2 174.6 261.8



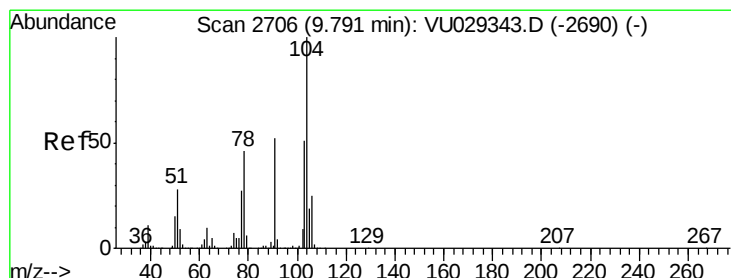
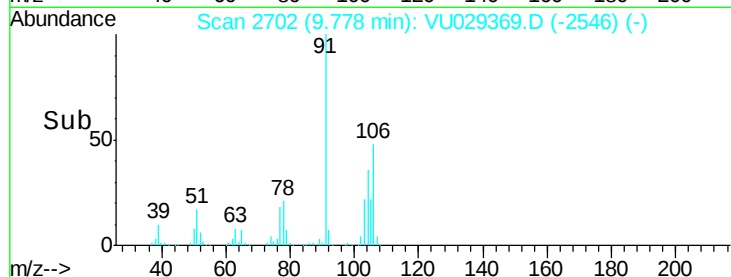
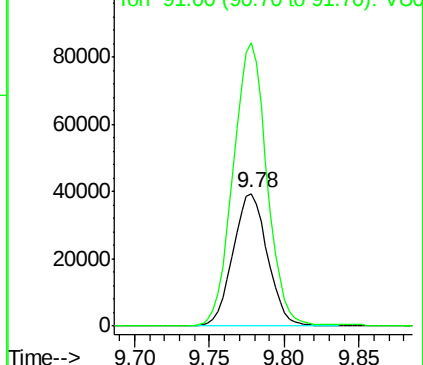


#65
o-Xylene
Concen: 2.060 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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

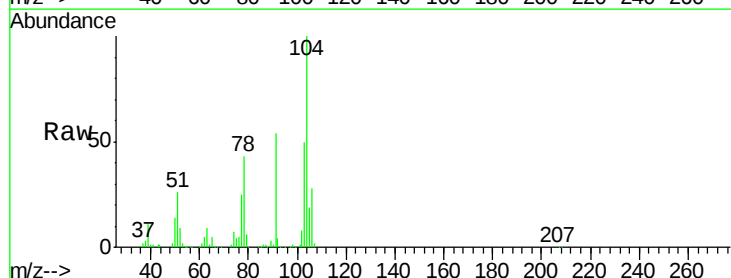


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

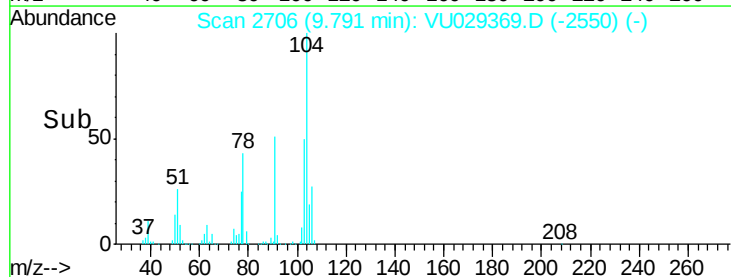
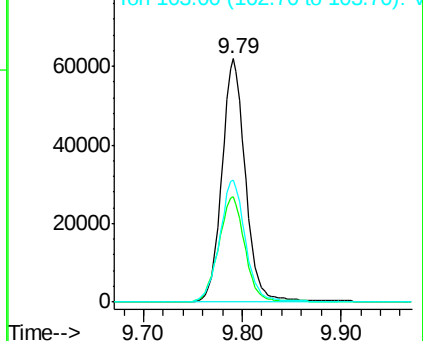


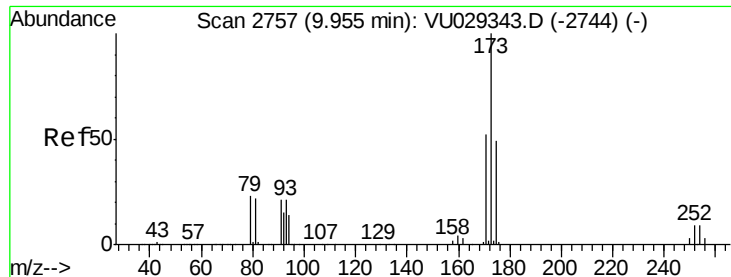
#66
Styrene
Concen: 2.027 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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



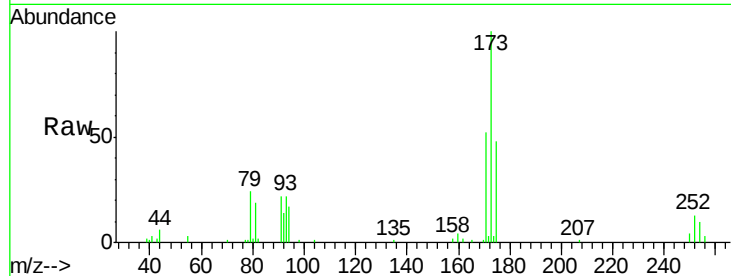
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



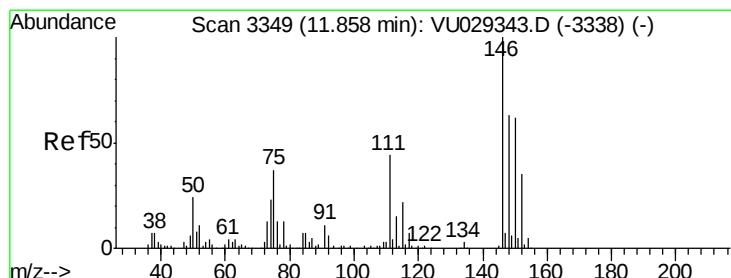
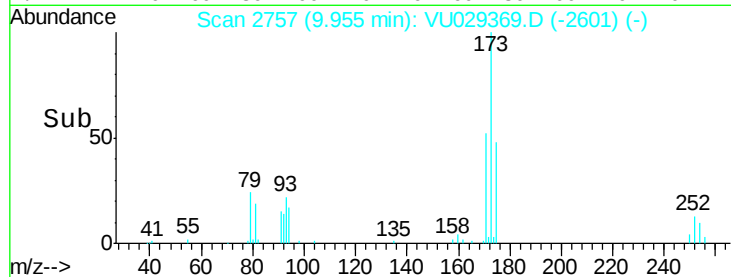
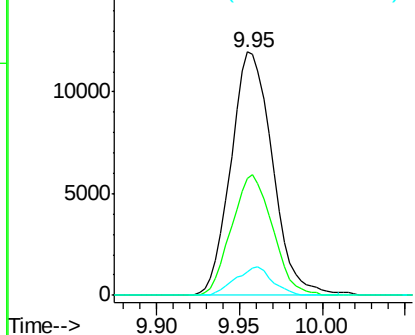


#67
Bromoform
Concen: 2.001 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot Ion:173 Resp: 20946
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
254 10.2 7.4 11.2

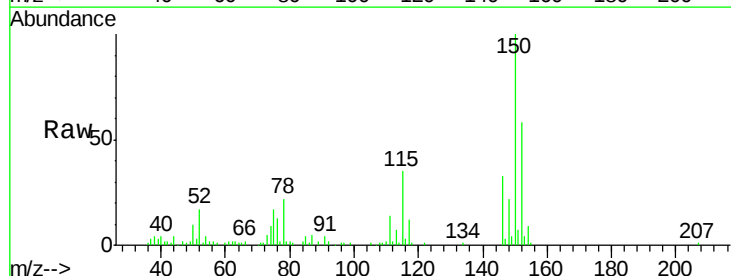


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

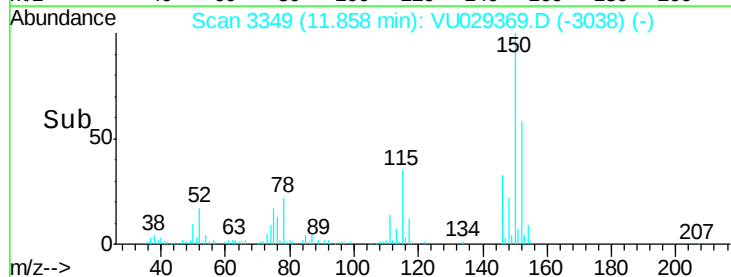
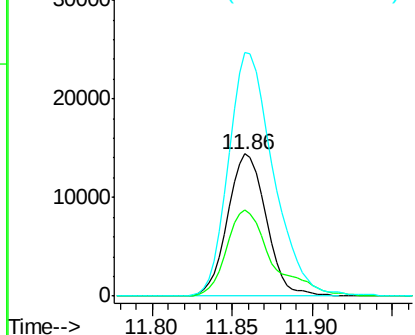


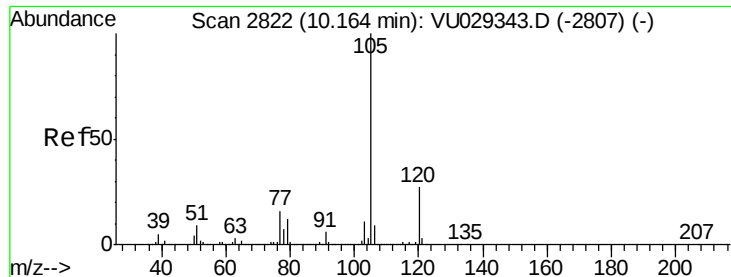
#68
1,2-Dichlorobenzene-d4
Concen: 2.001 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tgt Ion:152 Resp: 23651
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

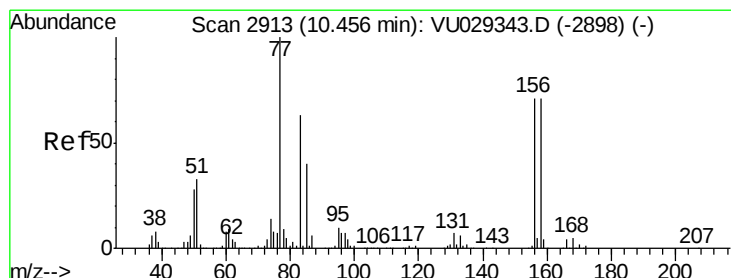
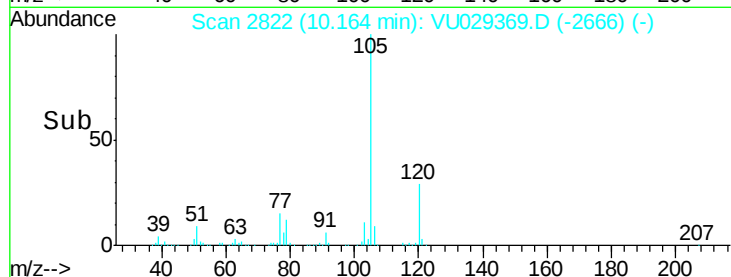
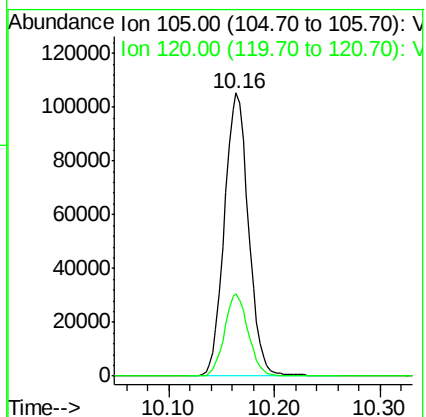
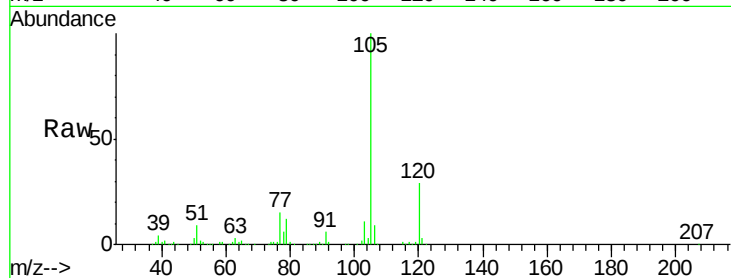
Acq: 07 Feb 2019 13:59

Tot 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

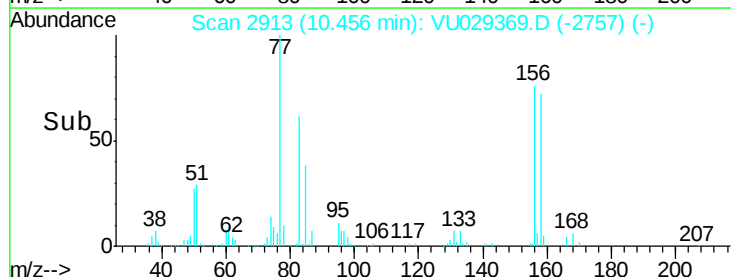
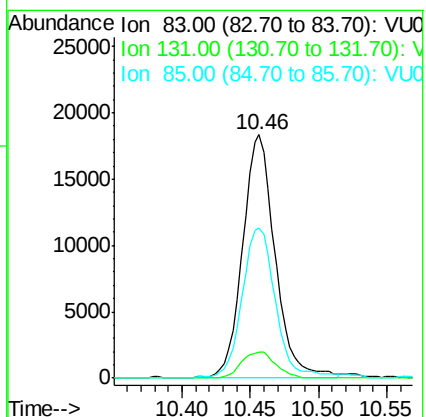
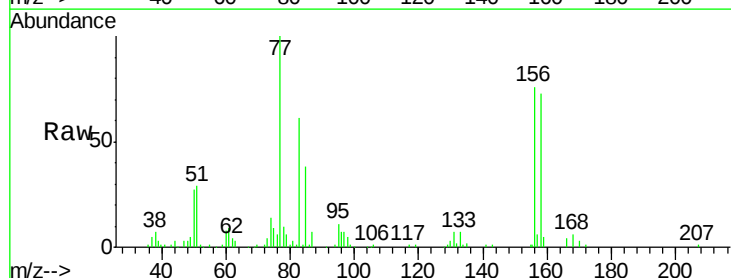
Tgt Ion: 83 Resp: 30337

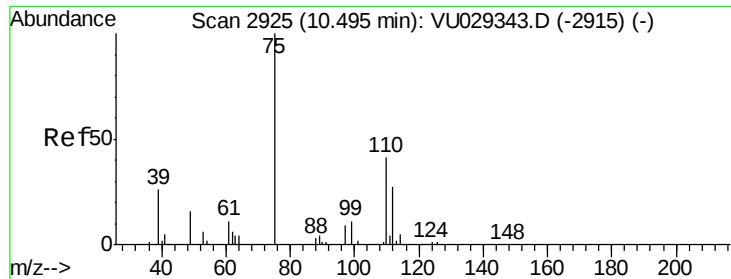
Ion Ratio Lower Upper

83 100

131 11.3 8.1 12.1

85 63.1 50.3 75.5

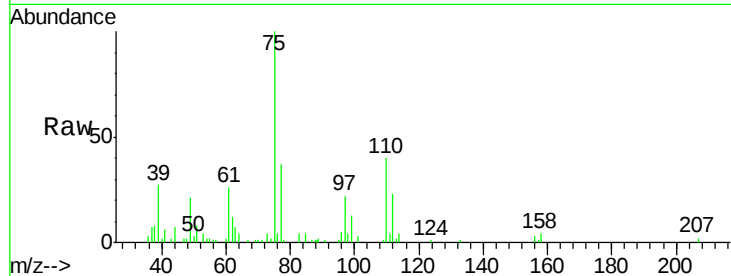




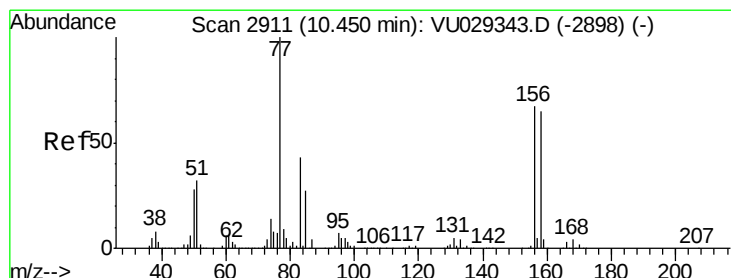
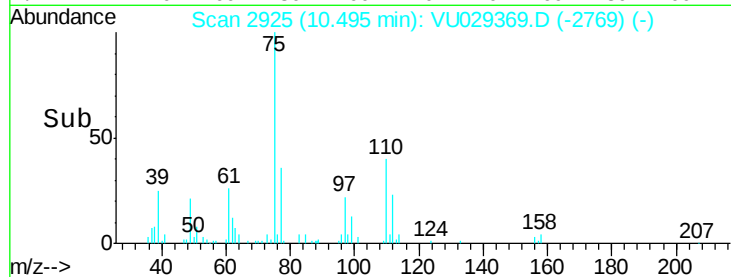
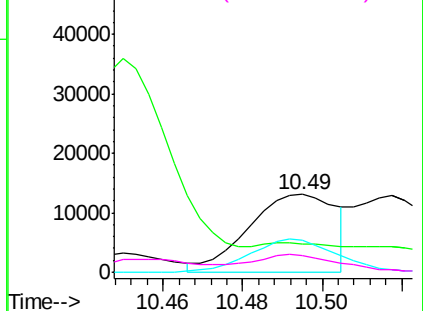
#71

1,2,3-Trichloropropane
Concen: 1.930 ug/l m
RT: 10.49 min Scan# 2925
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

Tot Ion:	75	Resp:	20116
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	42.4	0.0	63.6
97	24.0	0.0	31.4



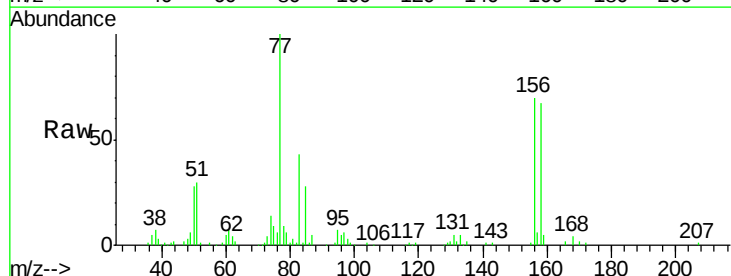
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0



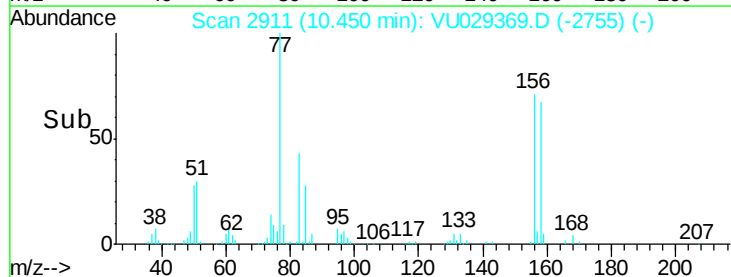
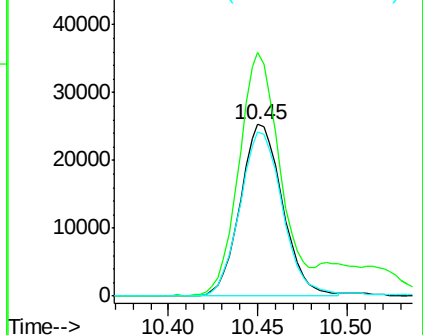
#72

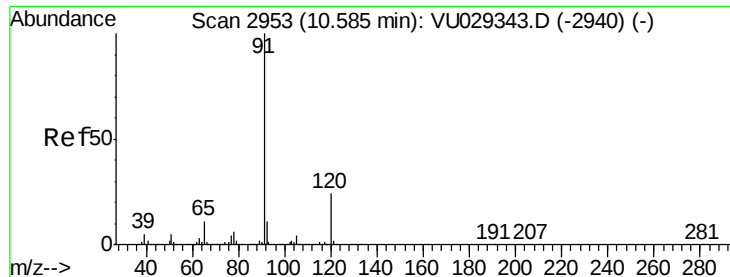
Bromobenzene
Concen: 2.101 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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



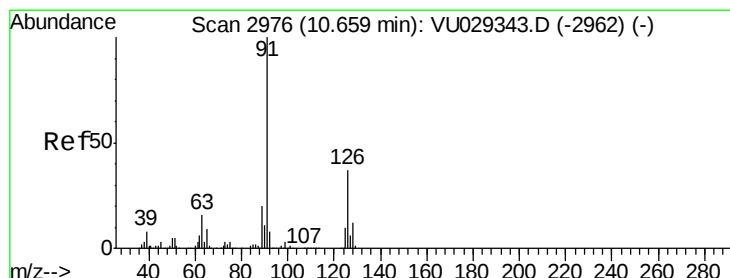
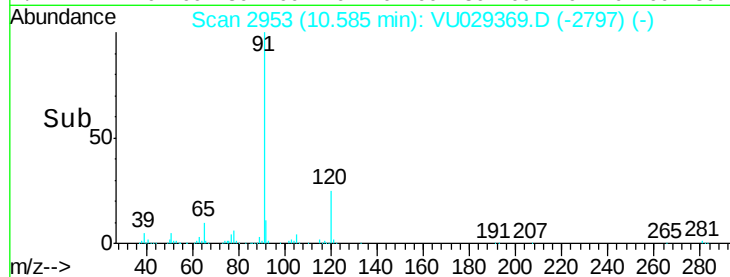
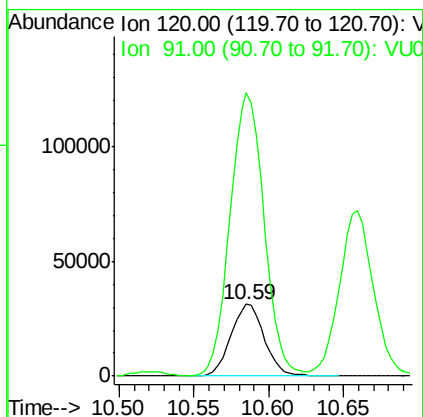
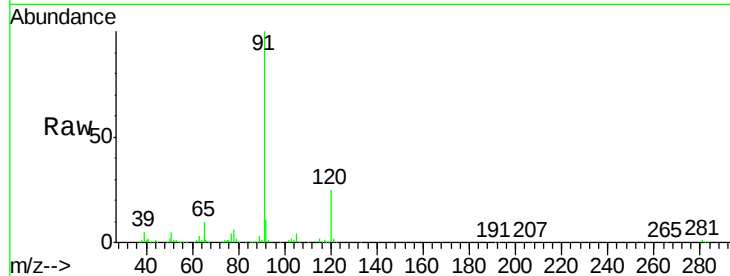
Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 158.00 (157.70 to 158.70): V





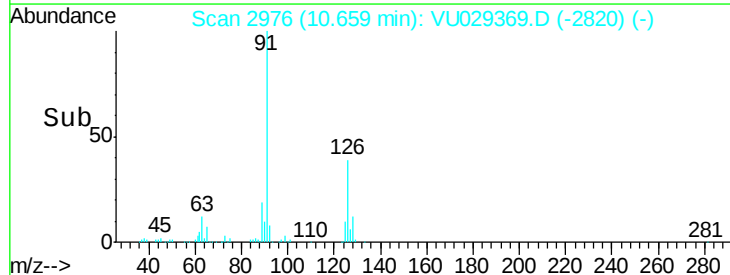
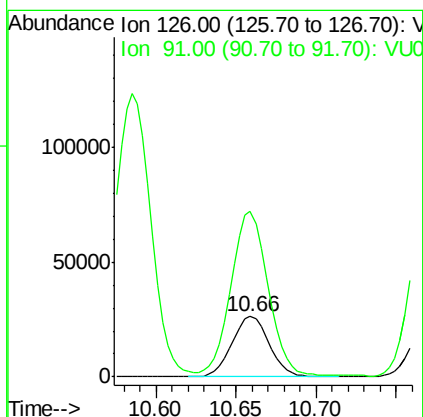
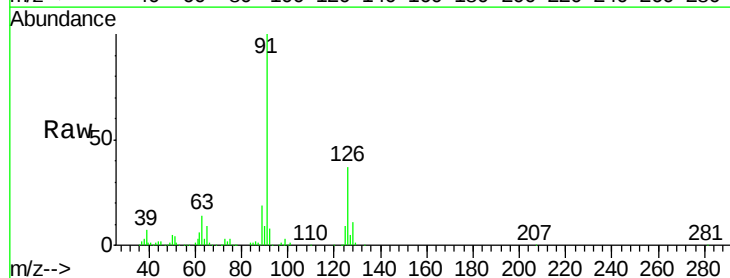
#73
n-propylbenzene
Concen: 2.130 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

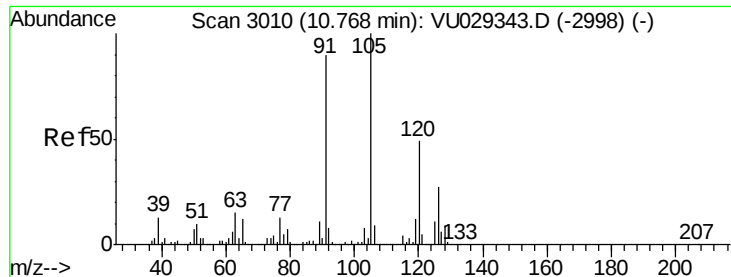
Tot Ion:120 Resp: 48831
Ion Ratio Lower Upper
120 100
91 399.9 370.0 555.0



#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

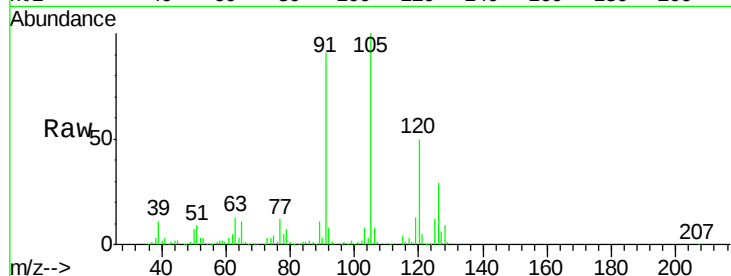
Acq: 07 Feb 2019 13:59

Tot Ion:105 Resp: 142947

Ion Ratio Lower Upper

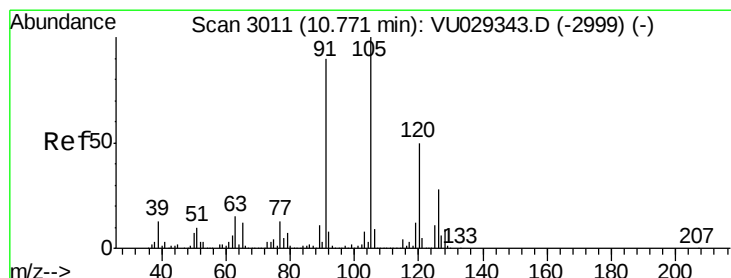
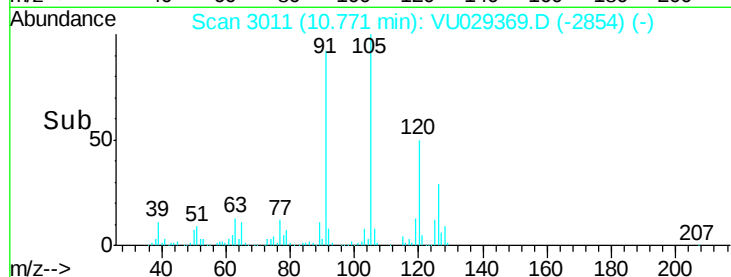
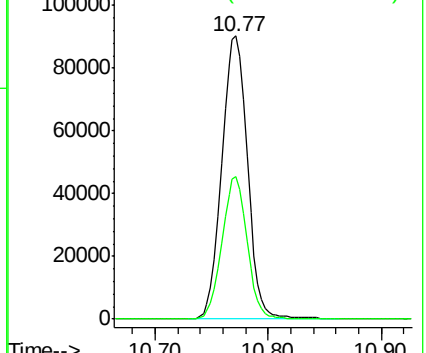
105 100

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

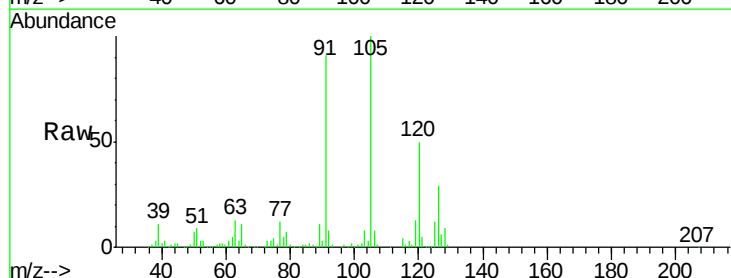
Acq: 07 Feb 2019 13:59

Tgt Ion:126 Resp: 41499

Ion Ratio Lower Upper

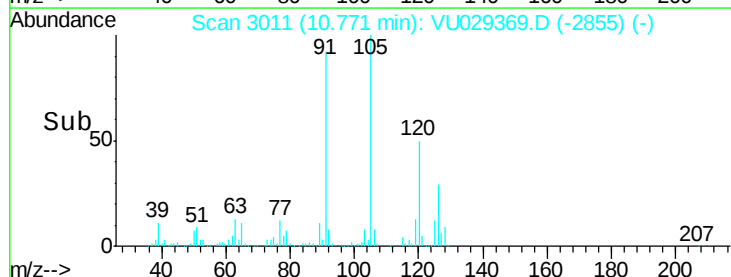
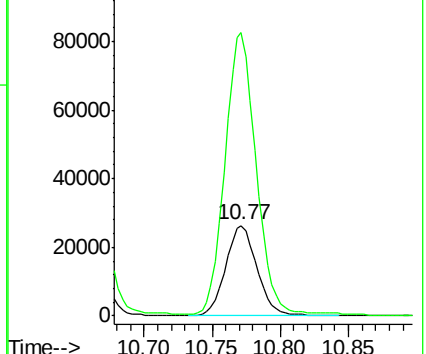
126 100

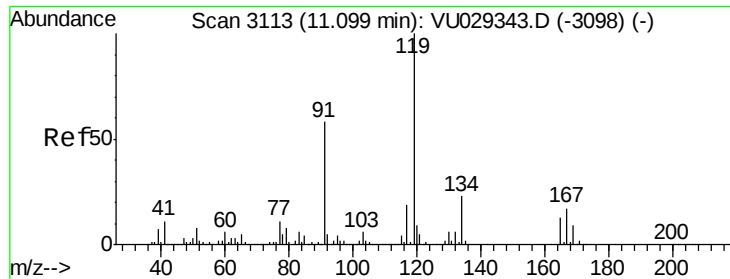
91 315.5 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

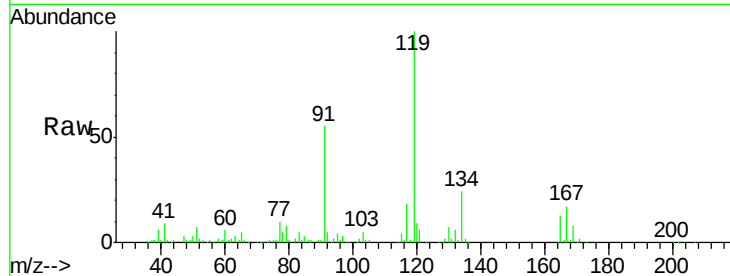
Ion 91.00 (90.70 to 91.70): VU0



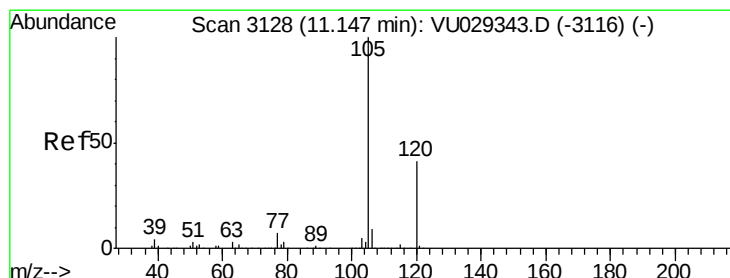
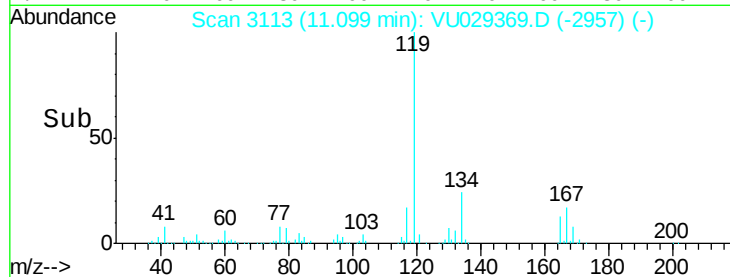
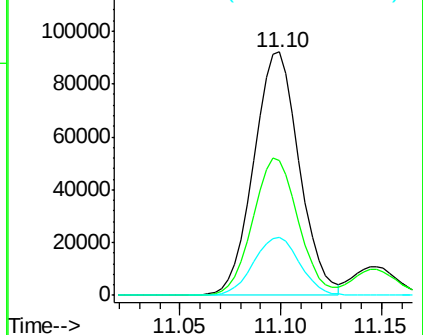


#77
tert-Butylbenzene
Concen: 2.071 ug/l
RT: 11.10 min Scan# 3113
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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

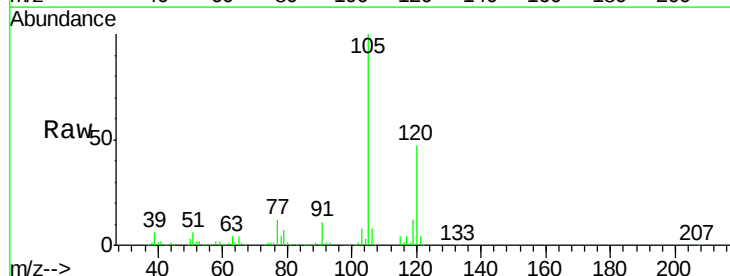


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

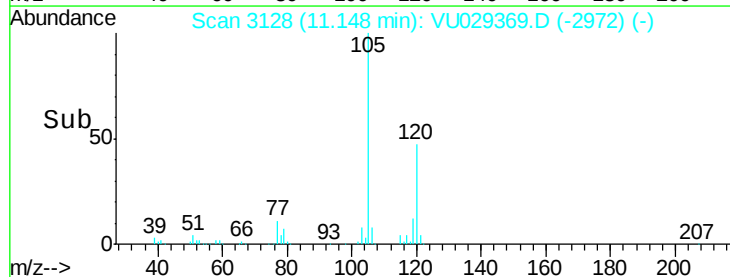
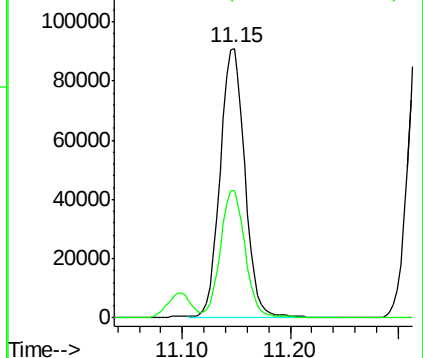


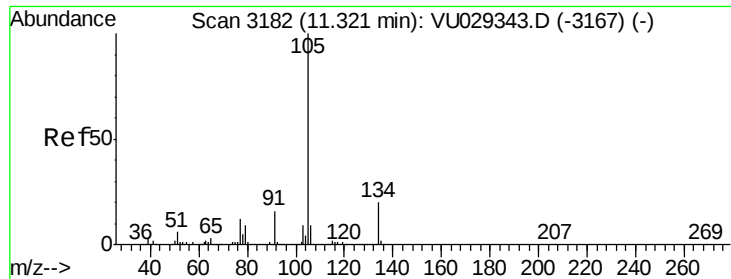
#78
1,2,4-Trimethylbenzene
Concen: 2.018 ug/l
RT: 11.15 min Scan# 3128
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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

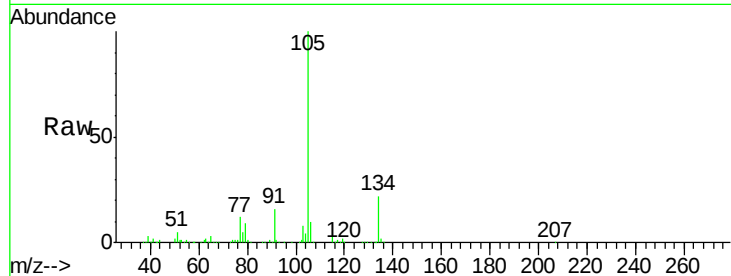
Acq: 07 Feb 2019 13:59

Tot Ion:105 Resp: 187322

Ion Ratio Lower Upper

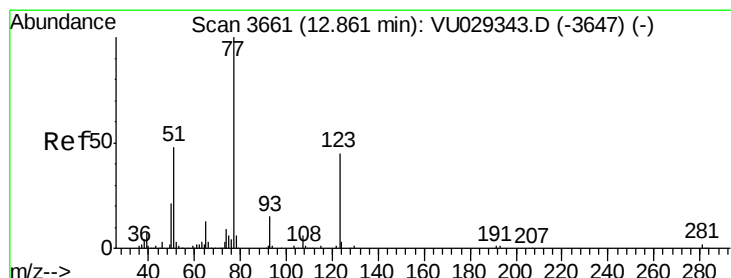
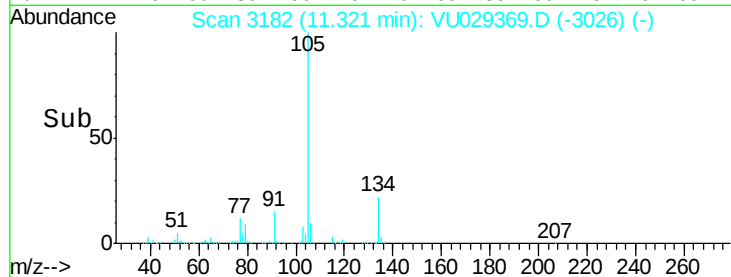
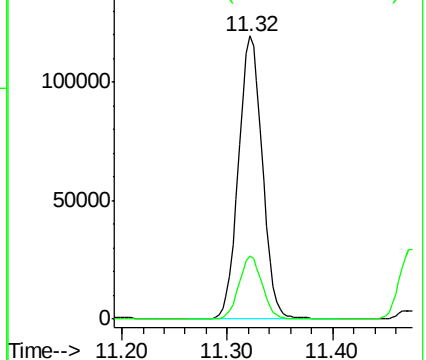
105 100

134 21.6 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

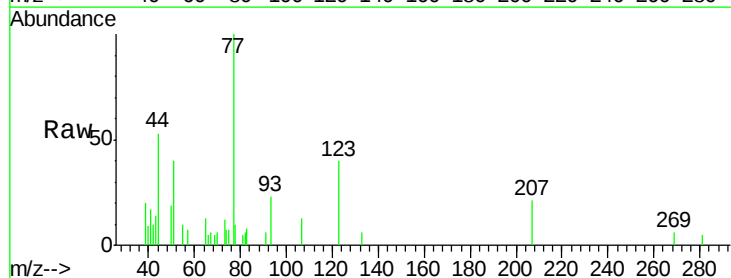
Tgt Ion: 77 Resp: 4081

Ion Ratio Lower Upper

77 100

123 25.2 17.5 61.9

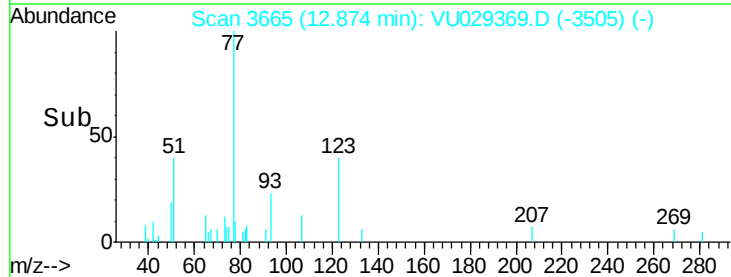
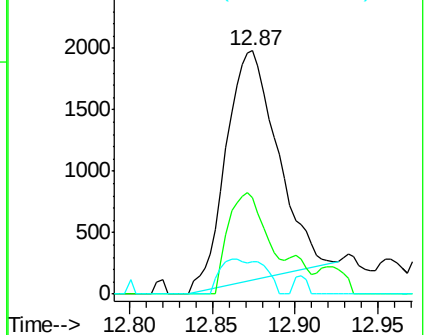
65 13.0 10.8 13.8

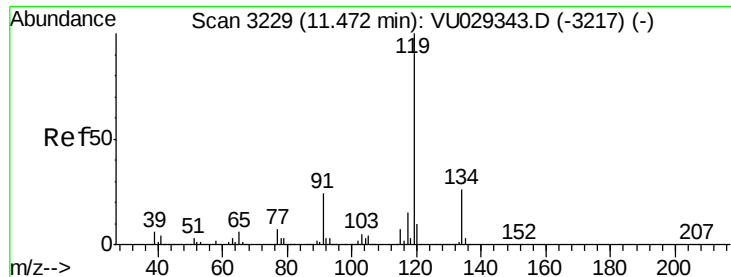


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

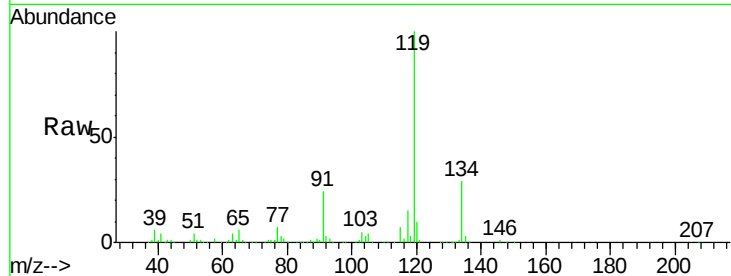
Ion 65.00 (64.70 to 65.70): VU0



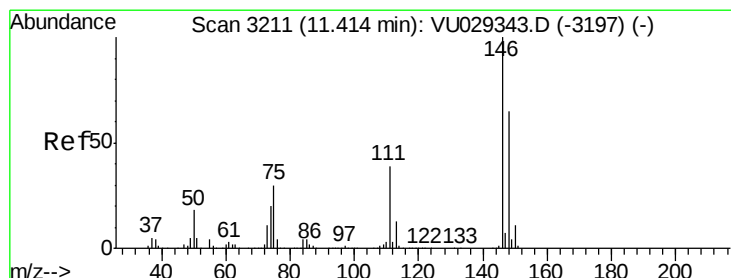
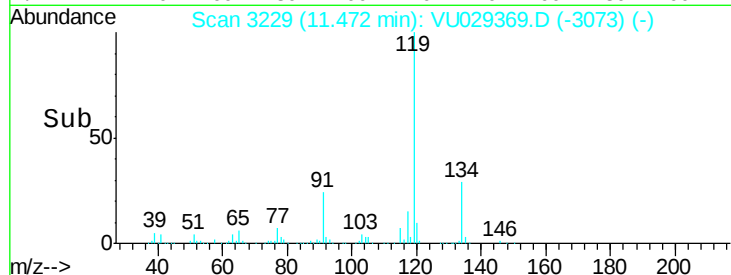
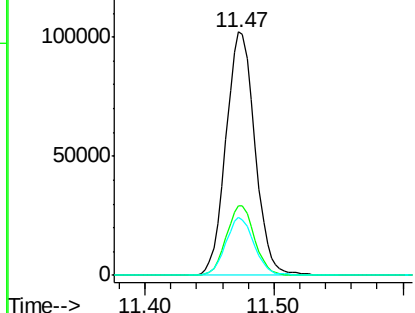


#81
p-Isopropyltoluene
Concen: 2.033 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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

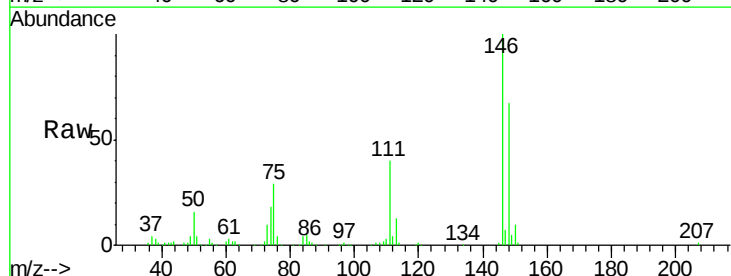


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

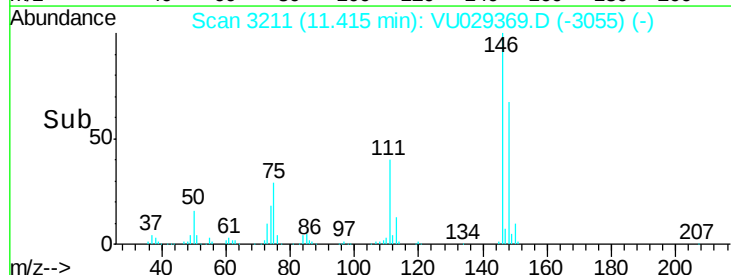
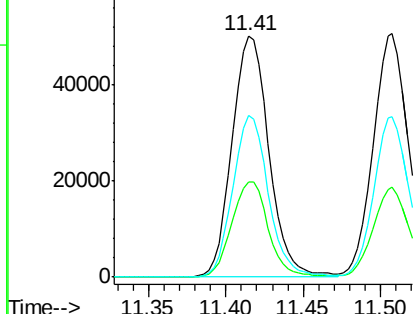


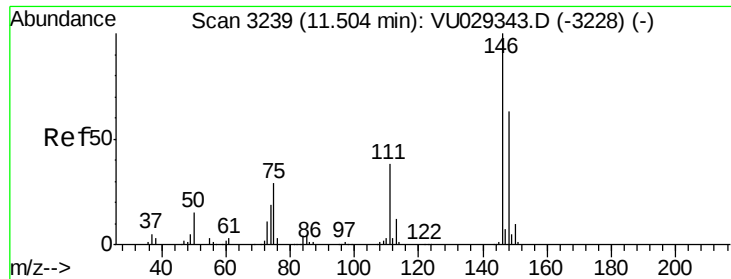
#82
1,3-Dichlorobenzene
Concen: 2.124 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029369.D
Acq: 07 Feb 2019 13:59

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



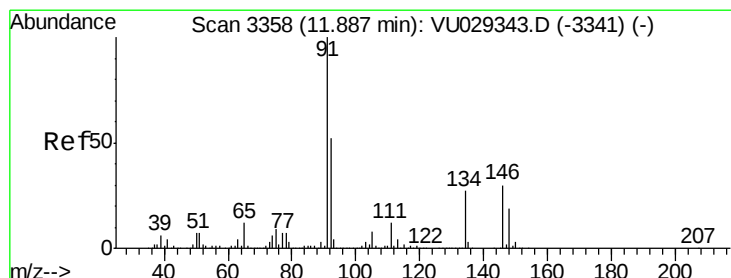
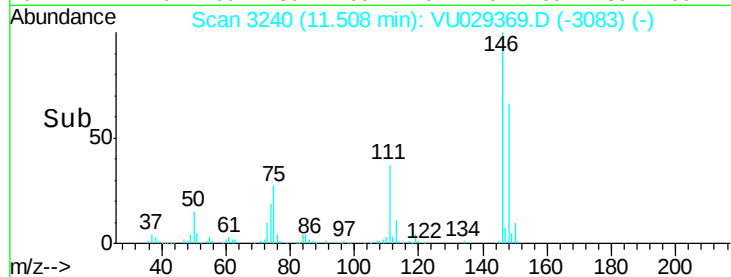
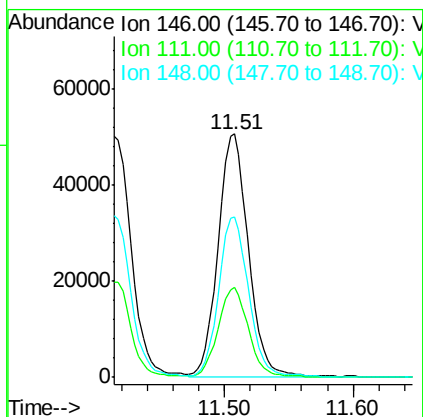
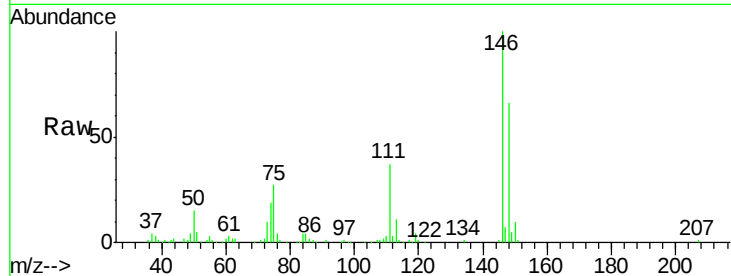
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





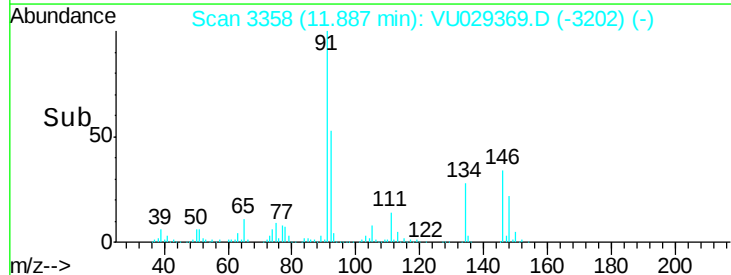
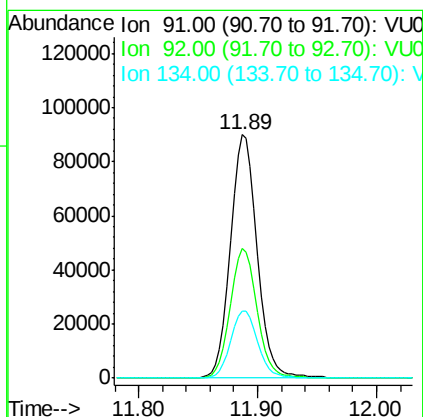
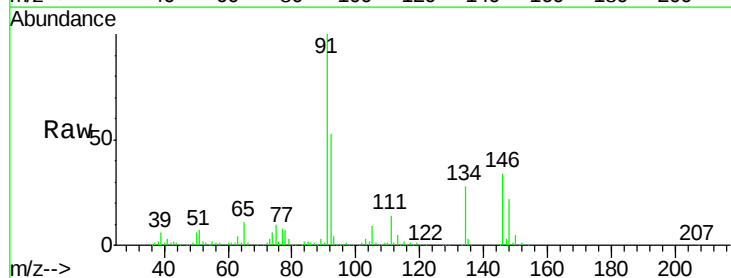
#83
 1,4-Dichlorobenzene
 Concen: 2.104 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

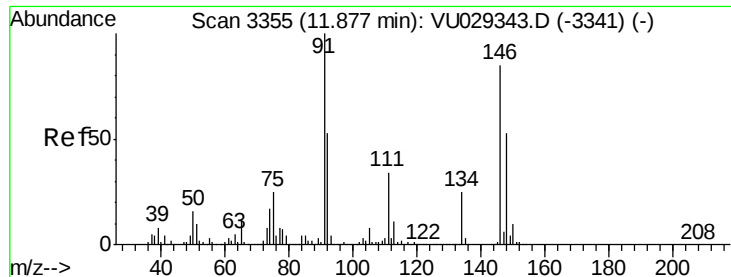
Tot Ion:146 Resp: 82020
 Ion Ratio Lower Upper
 146 100
 111 37.0 32.9 49.3
 148 66.1 51.8 77.6



#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





#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

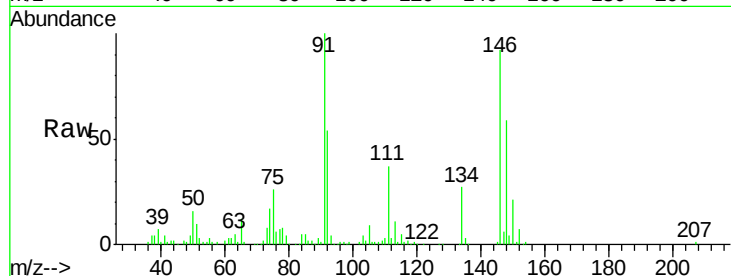
Tot Ion:146 Resp: 77853

Ion Ratio Lower Upper

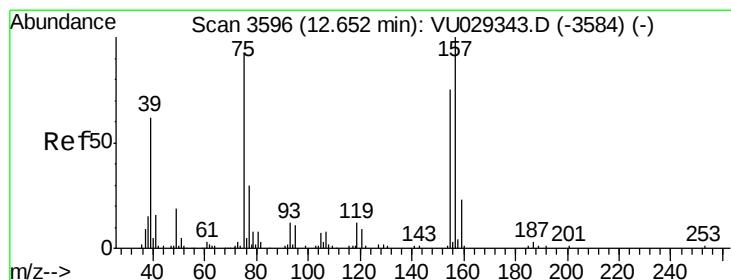
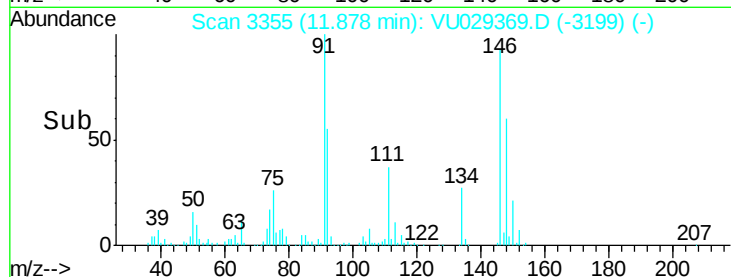
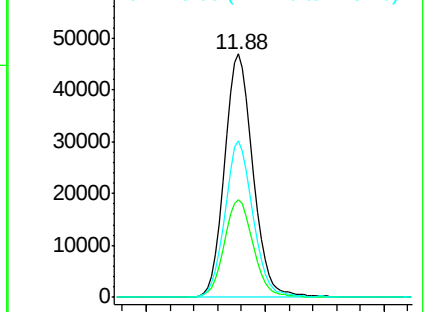
146 100

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

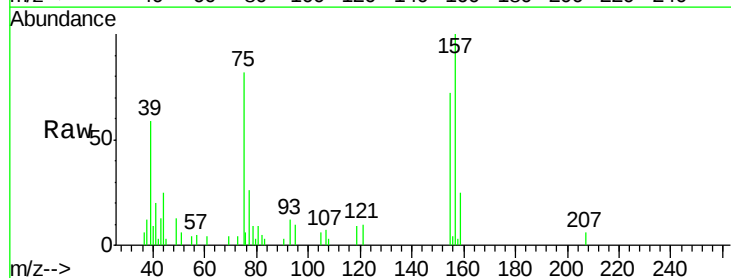
Tgt Ion: 75 Resp: 5142

Ion Ratio Lower Upper

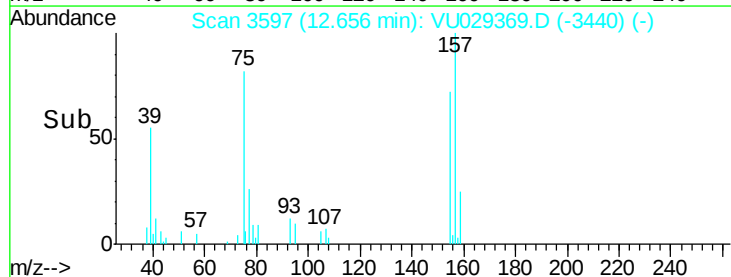
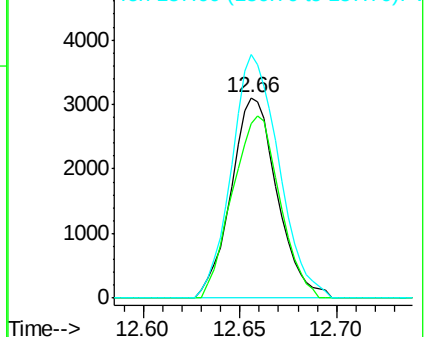
75 100

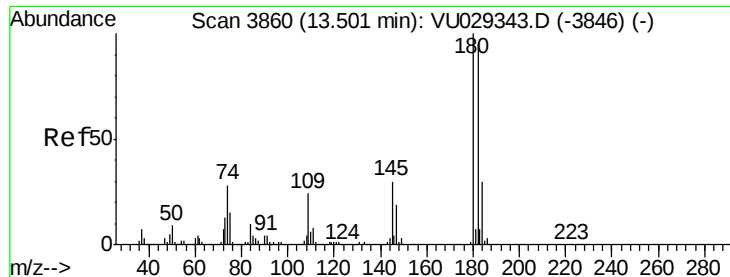
155 93.7 53.8 80.8#

157 124.8 69.2 103.8#



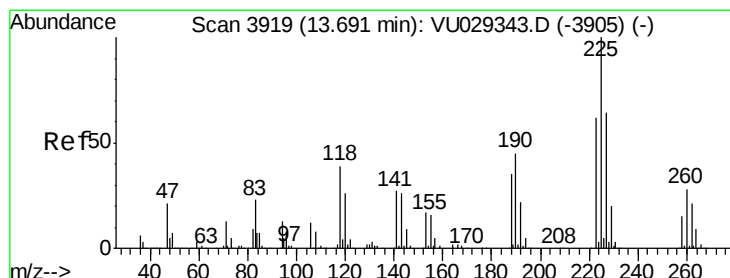
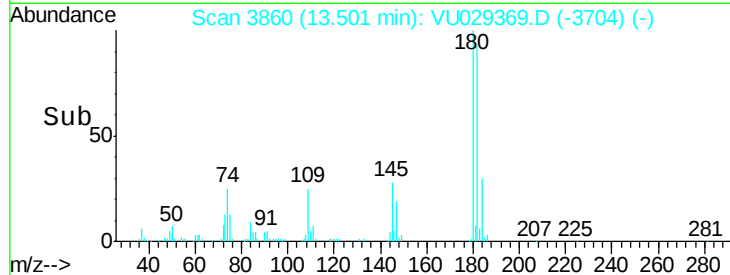
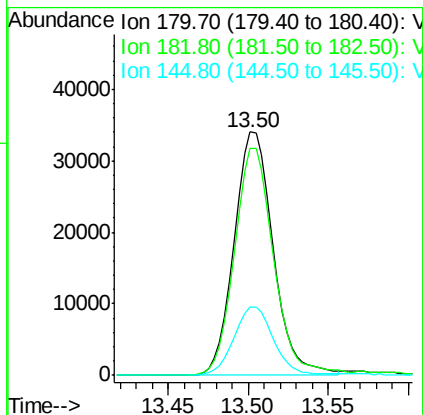
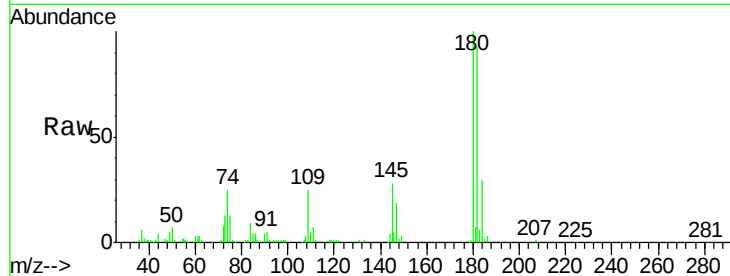
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V





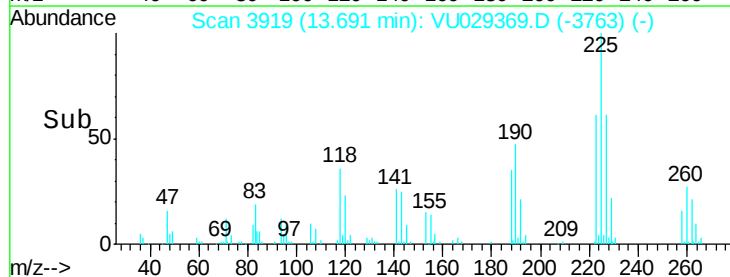
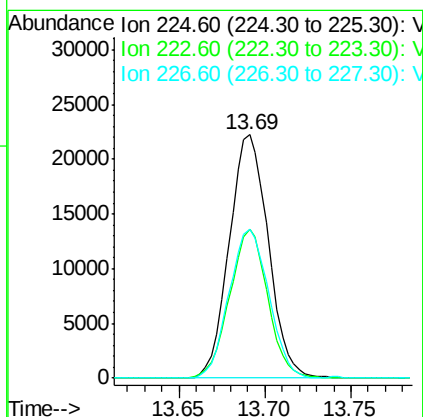
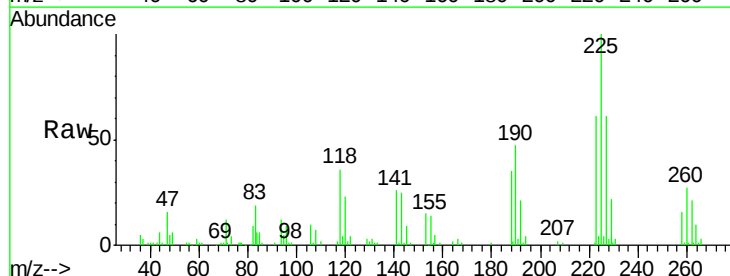
#87
 1,2,4-Trichlorobenzene
 Concen: 2.178 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029369.D
 Acq: 07 Feb 2019 13:59

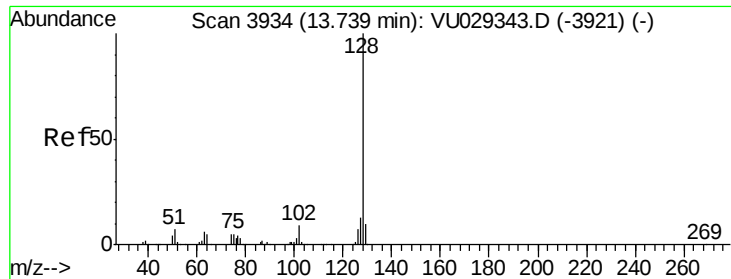
Tot Ion:180 Resp: 56615
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.6 114.8
 145 28.7 24.6 36.8



#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

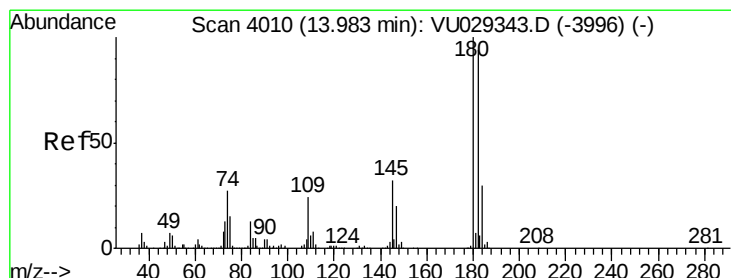
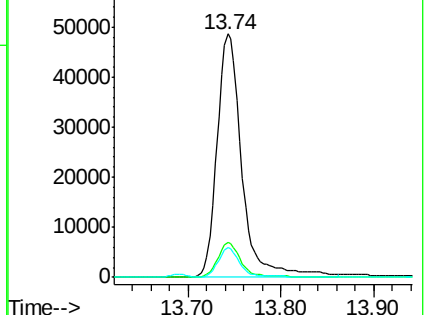
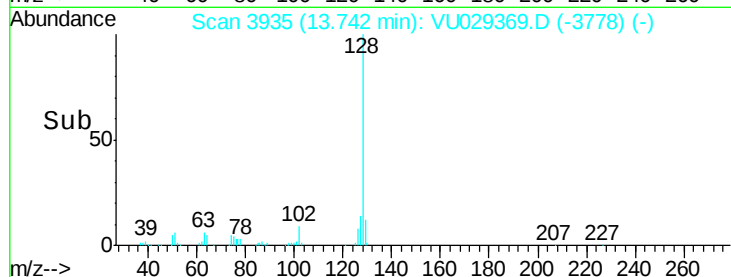
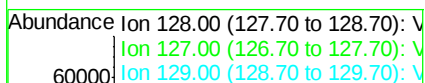
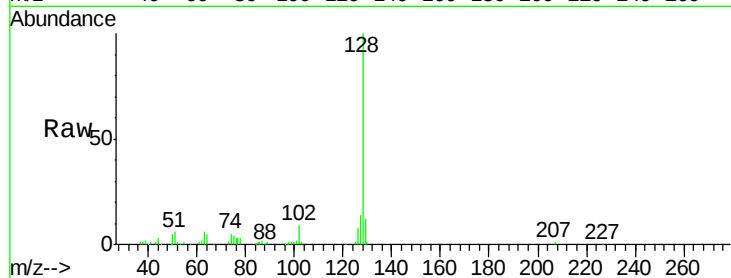
Delta R.T. 0.00 min

Lab File: VU029369.D

Acq: 07 Feb 2019 13:59

Tot 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

