

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029367.D
 Acq On : 07 Feb 2019 12:22
 Operator : JC/SP
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 12:37:49 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	57542	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	22078	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	22015	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	3813	0.178 ug/l	90
3) Chloromethane	1.33	50	4350	0.222 ug/l #	87
4) Vinyl Chloride	1.40	62	4187	0.182 ug/l	95
5) Bromomethane	1.63	94	3318	0.259 ug/l	94
7) Trichlorofluoromethane	1.88	101	6553	0.204 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3674	0.217 ug/l	89
9) 1,1-Dichloroethene	2.28	96	3624	0.218 ug/l	63
10) Iodomethane	2.41	142	3600	0.440 ug/l	93
11) Allyl Chloride	2.59	41	6320	0.227 ug/l	91
12) Acrylonitrile	2.94	53	1635	0.439 ug/l #	64
13) Acetone	2.32	43	5151	1.437 ug/l #	80
14) Carbon Disulfide	2.48	76	12544	0.214 ug/l	96
15) Methylene Chloride	2.70	84	7586	0.377 ug/l #	77
16) trans-1,2-Dichloroethene	2.98	96	3987	0.215 ug/l #	76
17) 1,1-Dichloroethane	3.44	63	5926	0.201 ug/l #	90
18) 2-Butanone	4.29	43	2116	0.528 ug/l	86
19) Cyclohexane	4.98	56	4469	0.164 ug/l #	80
20) Methylcyclohexane	6.41	83	5794	0.202 ug/l	89
21) 2,2-Dichloropropane	4.22	77	6735	0.247 ug/l	92
22) cis-1,2-Dichloroethene	4.23	96	3680	0.210 ug/l	78
23) Diethyl Ether	2.11	59	3087	0.232 ug/l	84
24) tert-Butyl Alcohol	2.83	59	3842	2.773 ug/l #	88
25) Methyl tert-Butyl Ether	3.00	73	10002	0.214 ug/l #	85
26) Bromochloromethane	4.55	128	1476	0.191 ug/l #	53
27) Chloroform	4.67	83	5876	0.205 ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	5413	0.204 ug/l	94
29) 1,1-Dichloropropene	5.13	75	4451	0.193 ug/l #	86
30) Carbon Tetrachloride	5.13	117	4618	0.192 ug/l	94
31) Isopropyl Ether	3.58	45	9114	0.205 ug/l	84
32) Ethyl-t-butyl ether	4.07	59	8355	0.188 ug/l	94
33) Tert-Amyl methyl ether	5.58	73	8388	0.209 ug/l #	94
34) Propionitrile	4.34	54	619	0.588 ug/l #	92
35) Benzene	5.39	78	13050	0.205 ug/l	95
36) 1,2-Dichloroethane	5.41	62	3501	0.182 ug/l #	73
37) Trichloroethene	6.18	130	3356	0.184 ug/l	93
38) 1,2-Dichloropropane	6.43	63	3024	0.183 ug/l #	81
39) Methacrylonitrile	4.56	41	748	0.139 ug/l #	61
41) Tetrahydrofuran	4.66	42	1444	0.531 ug/l #	79
42) 1-Chlorobutane	5.06	56	5844	0.189 ug/l	96
43) Dibromomethane	6.56	93	1818	0.206 ug/l #	73
44) Bromodichloromethane	6.76	83	4403	0.196 ug/l #	95

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

Response via : Initial Calibration

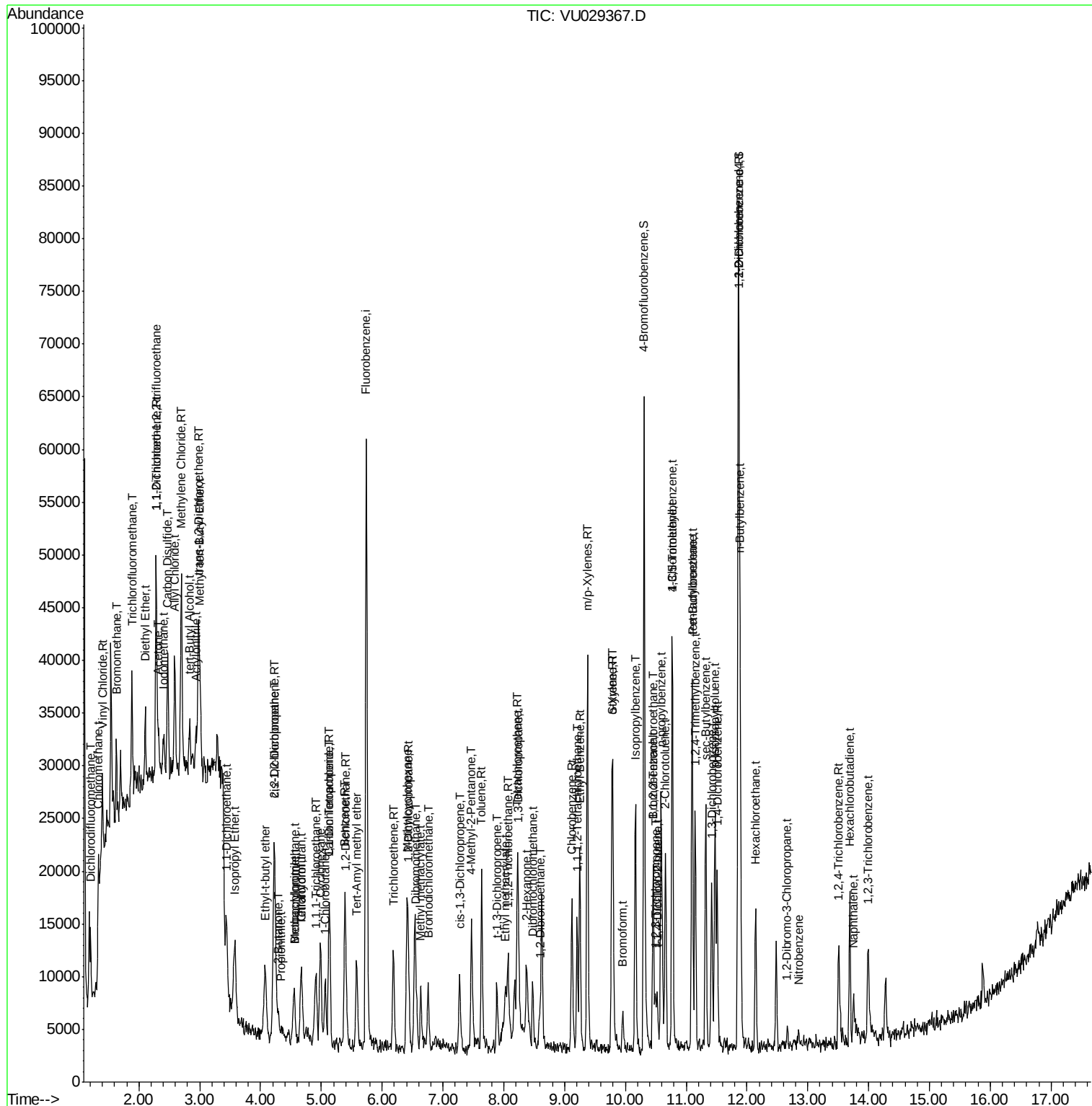
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

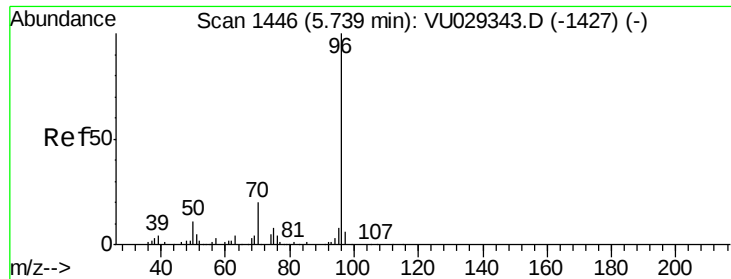
45) 4-Methyl-2-Pentanone	7.47	43	8668	0.838	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.52	75	1596	0.317	ug/l #	82
47) Methyl methacrylate	6.64	69	2651	0.341	ug/l #	78
48) Ethyl methacrylate	8.03	69	2781	0.167	ug/l	69
49) Toluene	7.64	92	7275	0.179	ug/l	84
50) t-1,3-Dichloropropene	7.89	75	3766	0.171	ug/l #	80
51) cis-1,3-Dichloropropene	7.27	75	4556	0.174	ug/l #	83
52) 1,1,2-Trichloroethane	8.07	97	2560	0.219	ug/l	95
53) 1,3-Dichloropropane	8.24	76	4028	0.196	ug/l #	86
54) 2-Hexanone	8.38	43	5974	0.824	ug/l	86
55) Dibromochloromethane	8.48	129	3168	0.191	ug/l	97
56) 1,2-Dibromoethane	8.59	107	2508	0.209	ug/l	91
58) Tetrachloroethene	8.23	164	3496	0.206	ug/l	94
59) Chlorobenzene	9.12	112	8874	0.193	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	3487	0.206	ug/l	99
61) Pentachloroethane	11.10	117	2482	0.189	ug/l	88
62) Hexachloroethane	12.14	117	2524	0.176	ug/l	94
63) Ethyl Benzene	9.25	91	14569	0.183	ug/l	90
64) m/p-Xylenes	9.37	106	12146	0.392	ug/l	83
65) o-Xylene	9.78	106	6045	0.199	ug/l	94
66) Styrene	9.79	104	9026	0.178	ug/l	97
67) Bromoform	9.95	173	1839	0.178	ug/l #	91
69) Isopropylbenzene	10.17	105	15838	0.195	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.46	83	2878	0.192	ug/l	92
71) 1,2,3-Trichloropropane	10.49	75	1864	0.181	ug/l #	79
72) Bromobenzene	10.45	156	3829	0.195	ug/l	87
73) n-propylbenzene	10.59	120	4459	0.197	ug/l	71
74) 2-Chlorotoluene	10.66	126	3904	0.203	ug/l	75
75) 1,3,5-Trimethylbenzene	10.77	105	12874	0.184	ug/l	100
76) 4-Chlorotoluene	10.77	126	3689	0.185	ug/l	72
77) tert-Butylbenzene	11.10	119	13755	0.199	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	14056	0.198	ug/l	98
79) sec-Butylbenzene	11.32	105	16832	0.186	ug/l	97
80) Nitrobenzene	12.85	77	89	0.133	ug/l #	43
81) p-Isopropyltoluene	11.48	119	13943	0.182	ug/l	96
82) 1,3-Dichlorobenzene	11.42	146	7651	0.198	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	7720	0.201	ug/l	97
84) n-Butylbenzene	11.89	91	12450	0.177	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	7237	0.198	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	296	0.106	ug/l #	9
87) 1,2,4-Trichlorobenzene	13.51	180	4009	0.156	ug/l	95
88) Hexachlorobutadiene	13.69	225	3081	0.207	ug/l	92
89) Naphthalene	13.76	128	5088	0.117	ug/l	97
90) 1,2,3-Trichlorobenzene	13.99	180	4314	0.184	ug/l #	90

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

```
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#1

Fluorobenzene

Concen: 1.000 ug/l

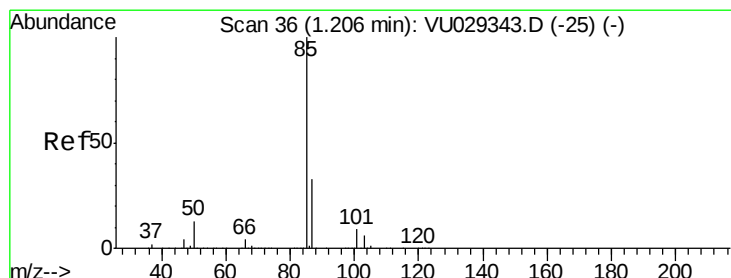
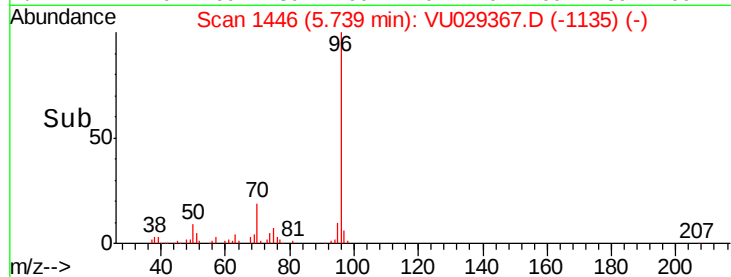
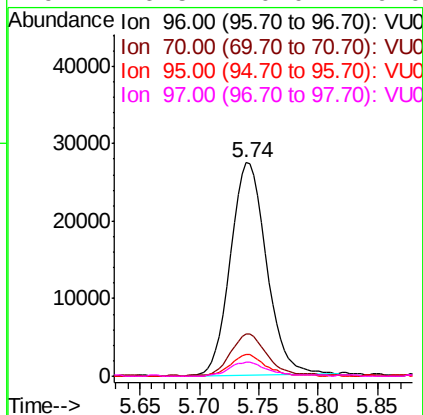
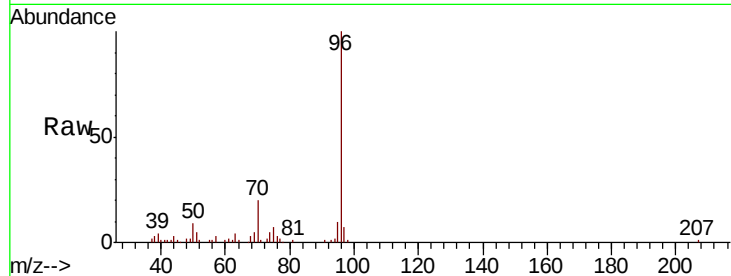
RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	96	Resp:	57542
Ion	Ratio	Lower	Upper
96	100		
70	18.7	16.2	24.2
95	9.3	7.4	11.2
97	6.5	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.178 ug/l

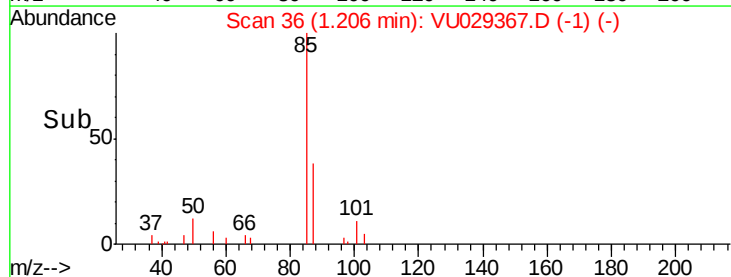
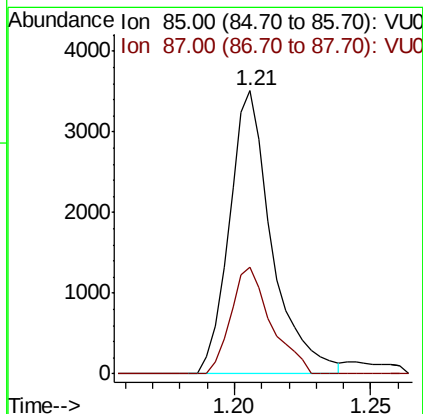
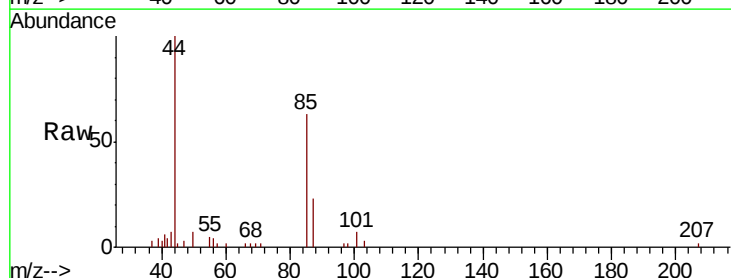
RT: 1.21 min Scan# 36

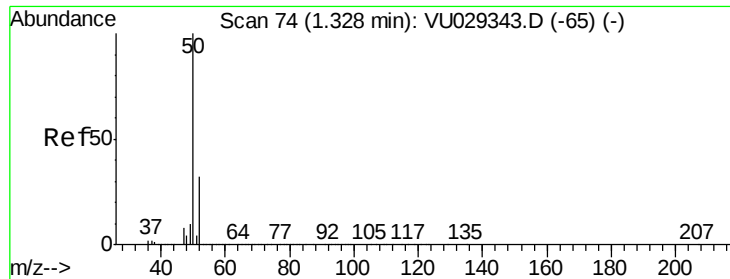
Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

Tgt Ion:	85	Resp:	3813
Ion	Ratio	Lower	Upper
85	100		
87	37.5	15.9	47.6





#3

Chloromethane

Concen: 0.222 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029367.D

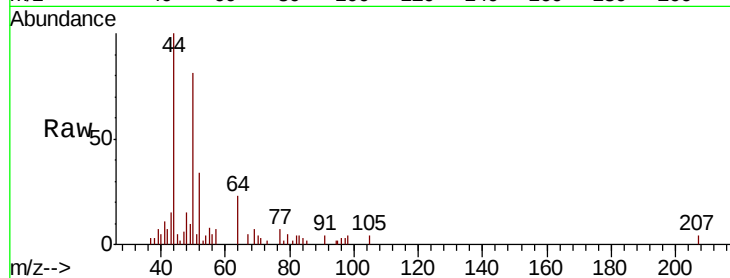
Acq: 07 Feb 2019 12:22

Tgt Ion: 50 Resp: 4350

Ion Ratio Lower Upper

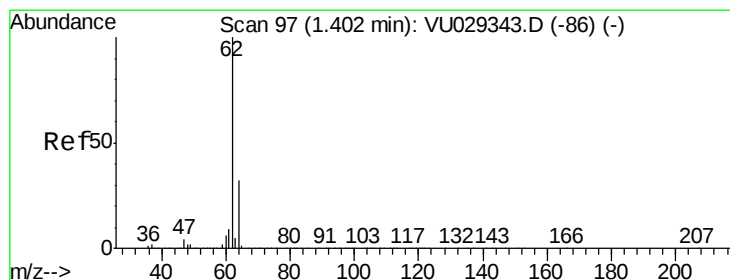
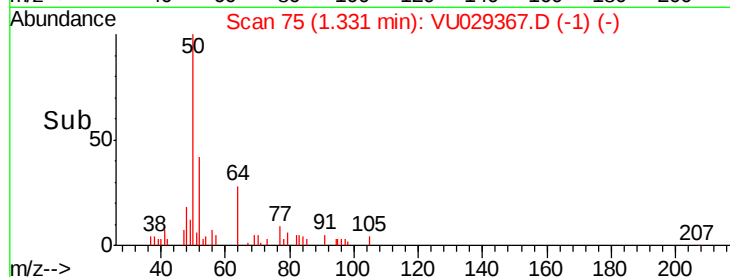
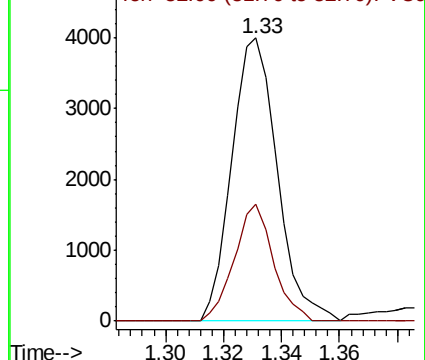
50 100

52 41.6 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: 0.182 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029367.D

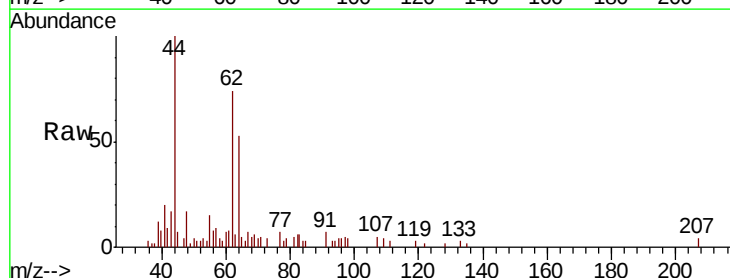
Acq: 07 Feb 2019 12:22

Tgt Ion: 62 Resp: 4187

Ion Ratio Lower Upper

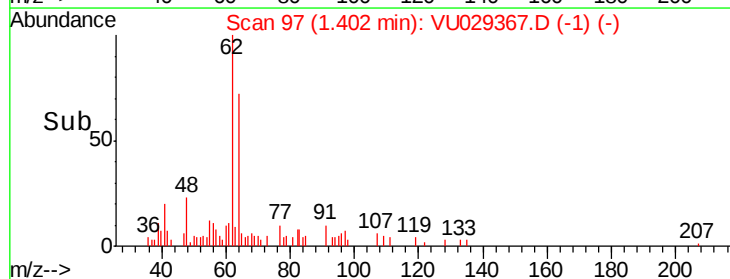
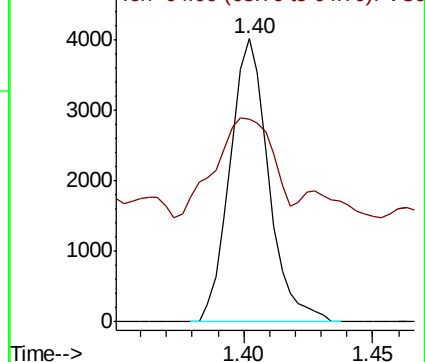
62 100

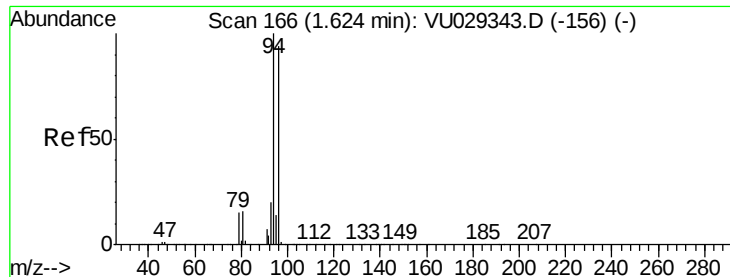
64 28.8 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 0.259 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029367.D

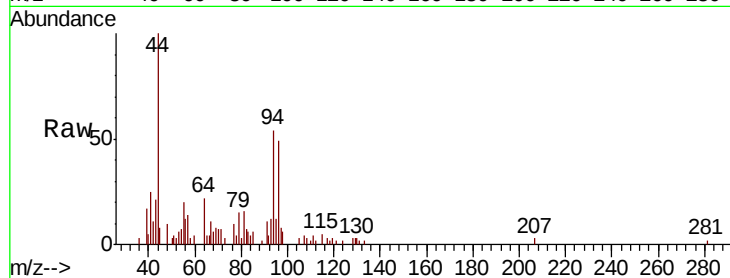
Acq: 07 Feb 2019 12:22

Tgt Ion: 94 Resp: 3318

Ion Ratio Lower Upper

94 100

96 84.3 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

2500

2000

1500

1000

500

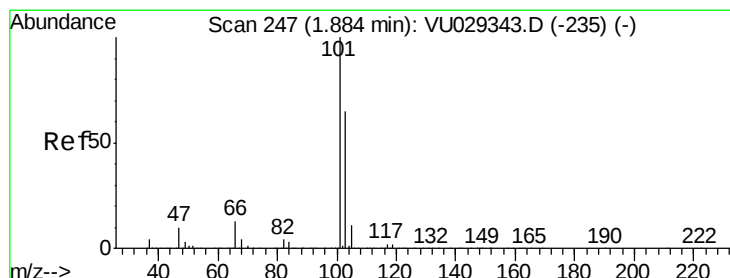
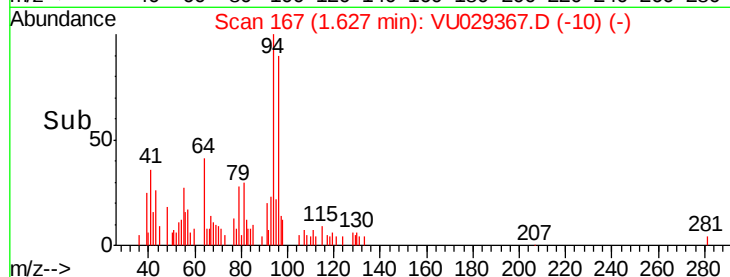
0

Time-->

1.60

1.65

1.70



#7

Trichlorofluoromethane

Concen: 0.204 ug/l

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU029367.D

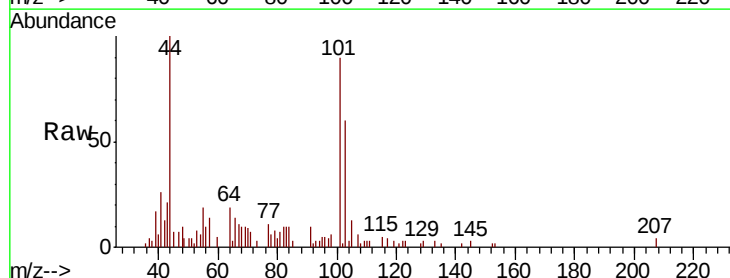
Acq: 07 Feb 2019 12:22

Tgt Ion: 101 Resp: 6553

Ion Ratio Lower Upper

101 100

103 67.2 53.9 80.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.88

5000

4000

3000

2000

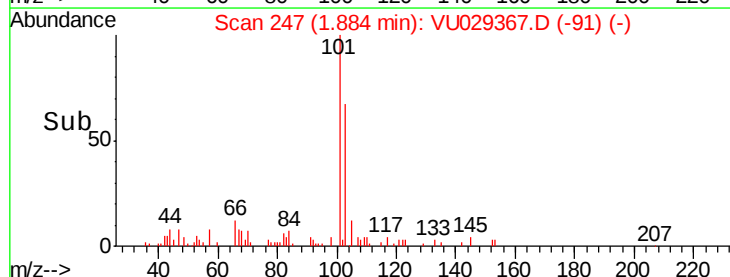
1000

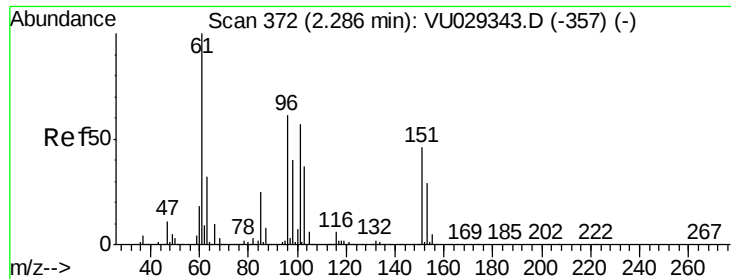
0

Time-->

1.85

1.90





#8

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

Concen: 0.217 ug/l

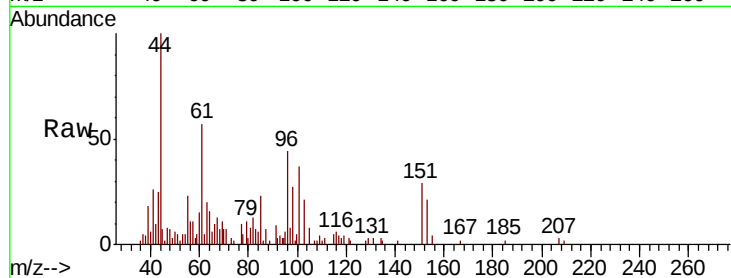
RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

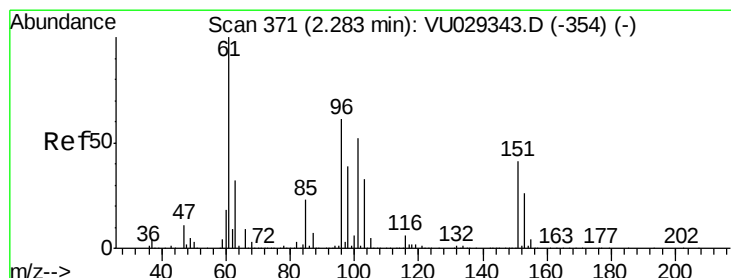
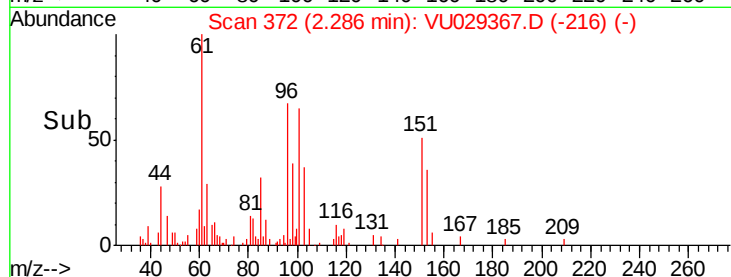
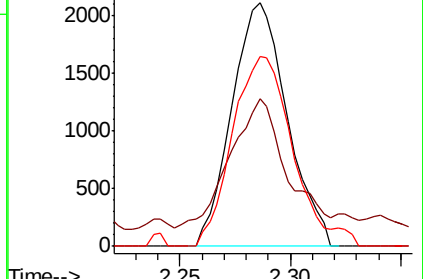
Tgt Ion:	101	Resp:	3674
Ion	Ratio	Lower	Upper
101	100		
85	47.3	40.3	60.5
151	85.1	58.1	87.1



Abundance Ion 101.00 (100.70 to 101.70): VU029343.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029343.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU029343.D (-357) (-)



#9

1,1-Dichloroethene

Concen: 0.218 ug/l

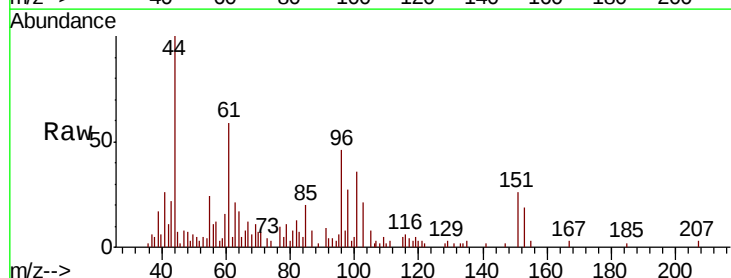
RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

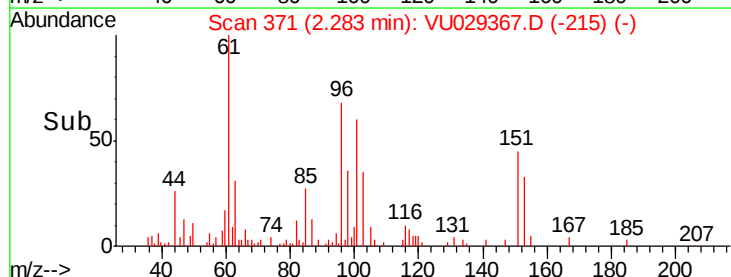
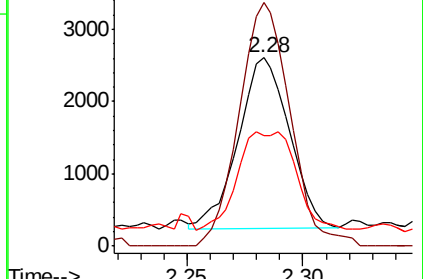
Tgt Ion:	96	Resp:	3624
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	641.4
98	53.1	0.0	122.6

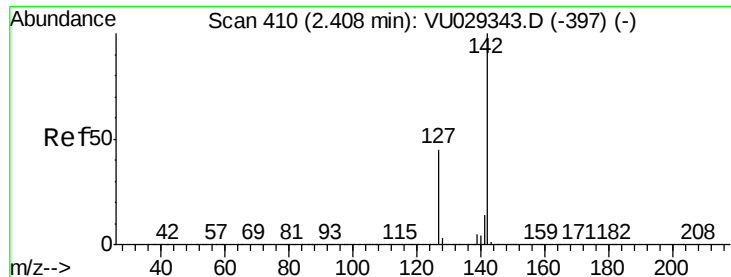


Abundance Ion 96.00 (95.70 to 96.70): VU029343.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU029343.D (-354) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-354) (-)





#10

Iodomethane

Concen: 0.440 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029367.D

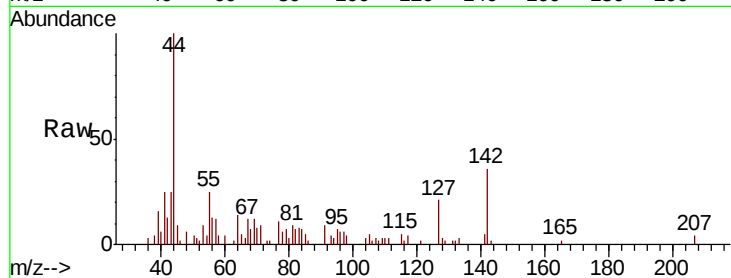
Acq: 07 Feb 2019 12:22

Tgt Ion: 142 Resp: 3600

Ion Ratio Lower Upper

142 100

127 54.1 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

2.41

2000

1500

1000

500

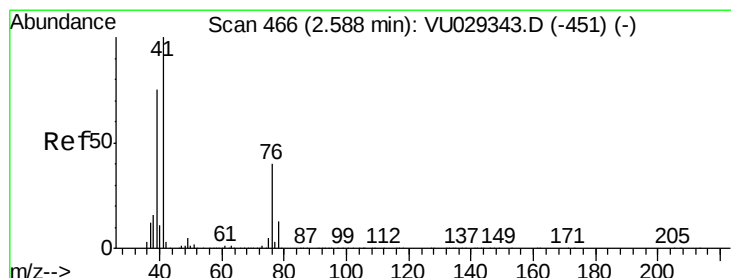
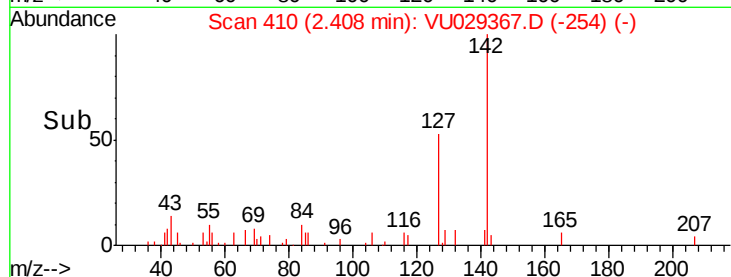
0

Time-->

2.35

2.40

2.45



#11

Allyl Chloride

Concen: 0.227 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029367.D

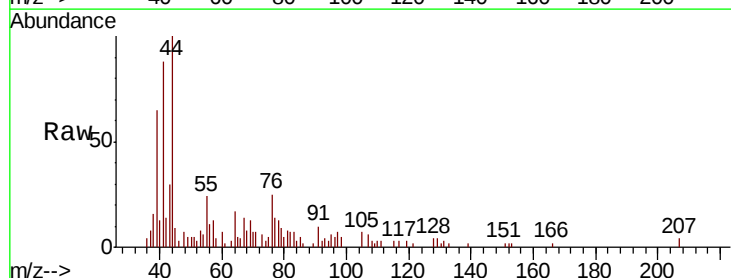
Acq: 07 Feb 2019 12:22

Tgt Ion: 41 Resp: 6320

Ion Ratio Lower Upper

41 100

39 76.0 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

2.59

5000

4000

3000

2000

1000

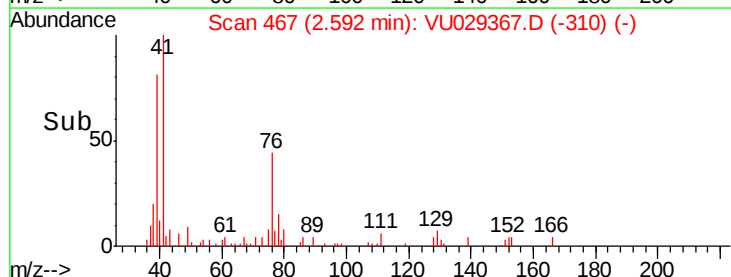
0

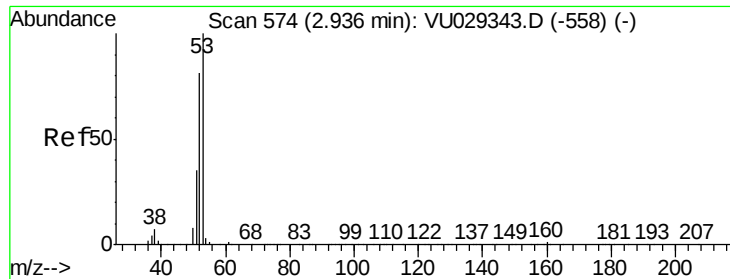
Time-->

2.55

2.60

2.65





#12

Acrylonitrile

Concen: 0.439 ug/l

RT: 2.94 min Scan# 576

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

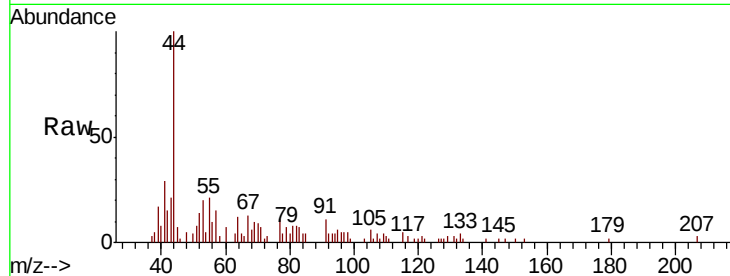
Tgt Ion: 53 Resp: 1635

Ion Ratio Lower Upper

53 100

52 125.8 67.6 101.4#

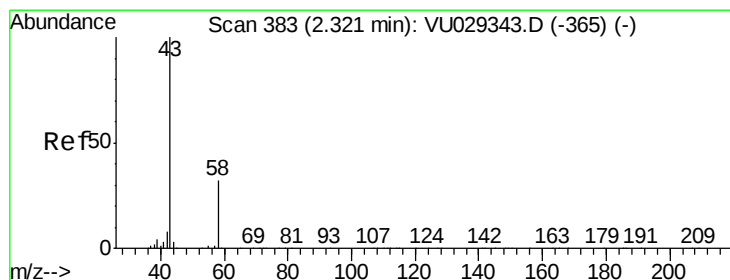
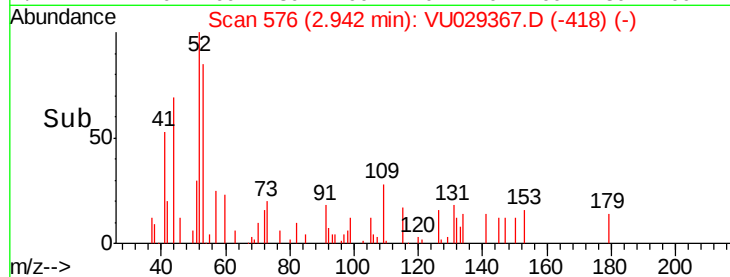
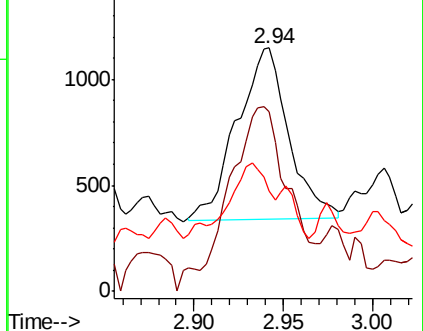
51 30.2 31.0 46.4#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#13

Acetone

Concen: 1.437 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029367.D

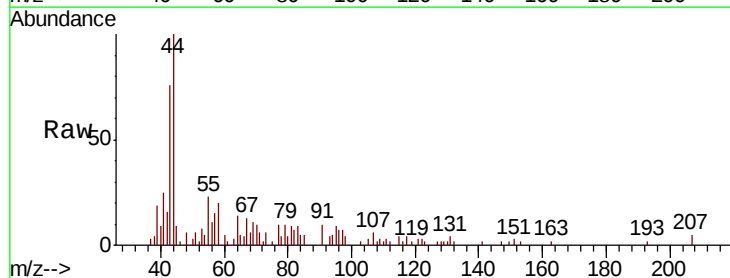
Acq: 07 Feb 2019 12:22

Tgt Ion: 43 Resp: 5151

Ion Ratio Lower Upper

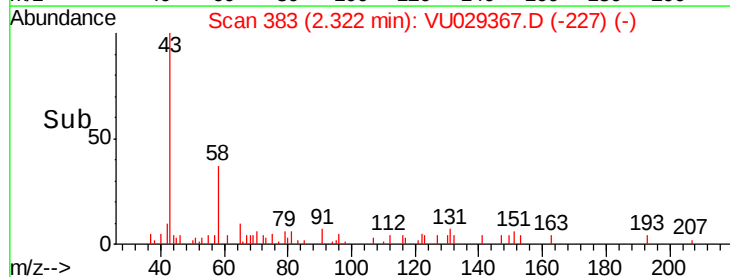
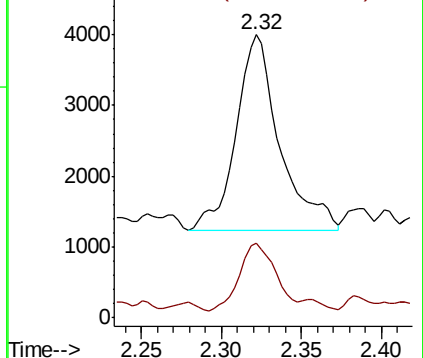
43 100

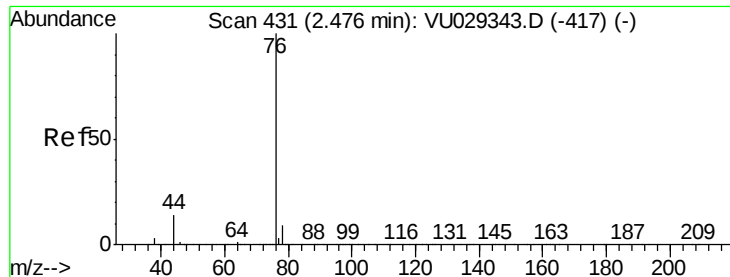
58 33.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

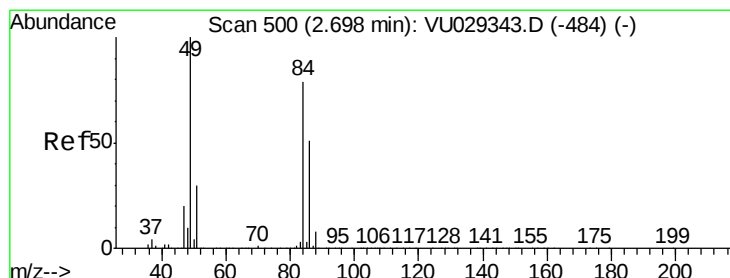
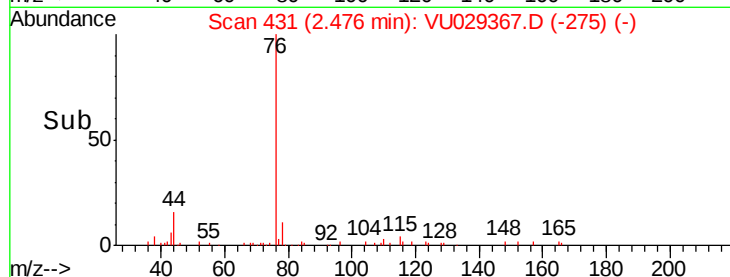
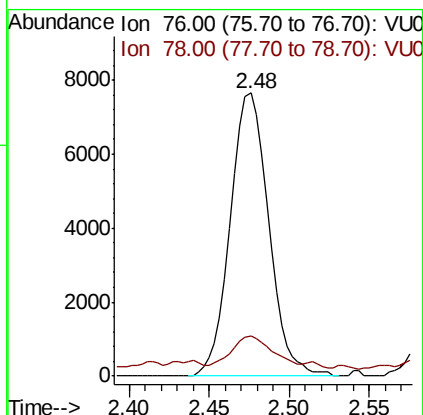
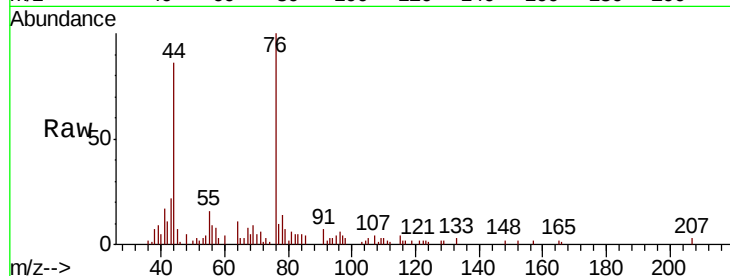
Ion 58.00 (57.70 to 58.70): VU0





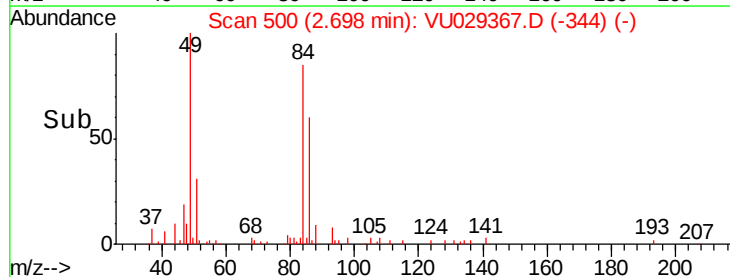
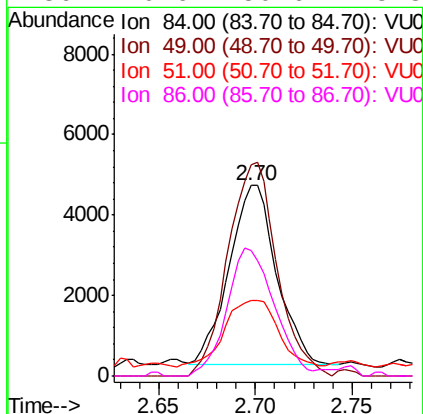
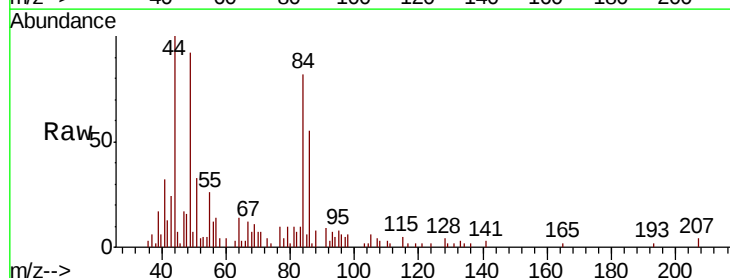
#14
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

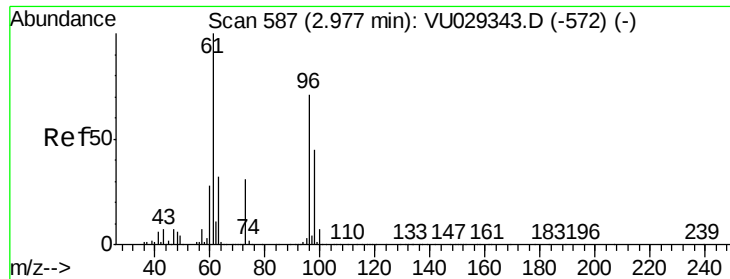
Tgt Ion: 76 Resp: 12544
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7



#15
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

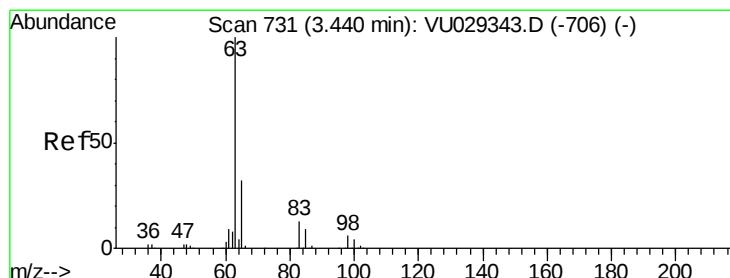
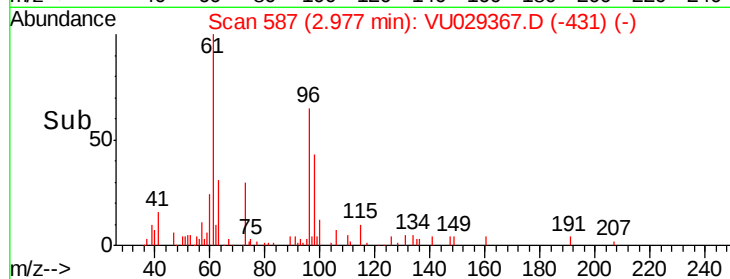
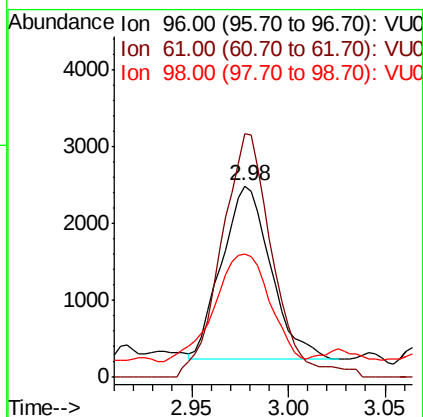
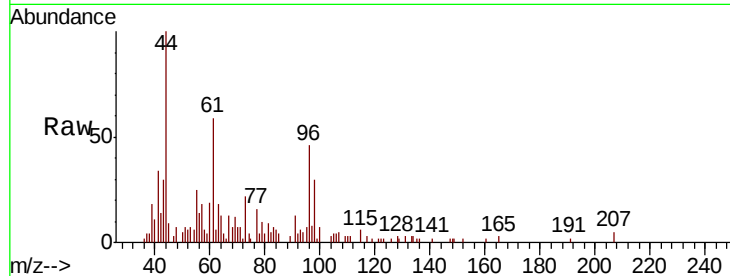
Tgt Ion: 84 Resp: 7586
Ion Ratio Lower Upper
84 100
49 118.3 127.0 190.6#
51 35.3 0.0 93.4
86 70.6 50.6 75.8





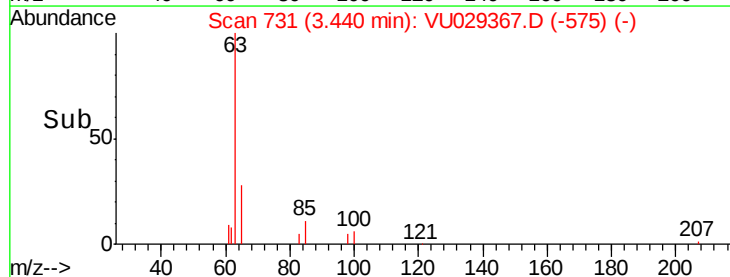
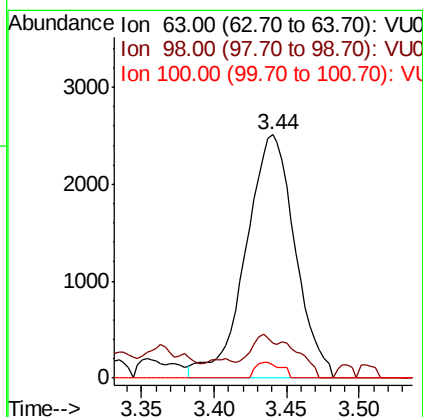
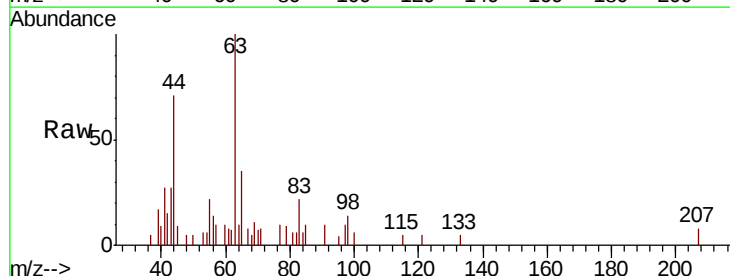
#16
trans-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

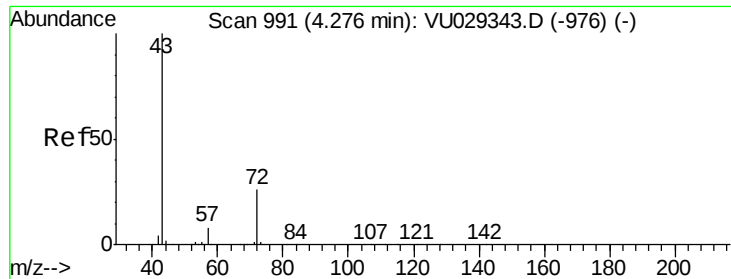
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.0	140.6	210.8#
98	55.0	49.3	73.9



#17
1,1-Dichloroethane
Concen: 0.201 ug/l
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

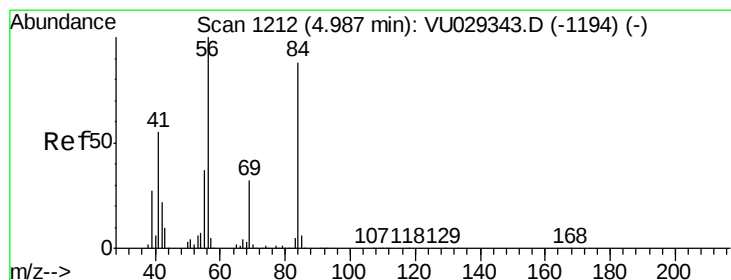
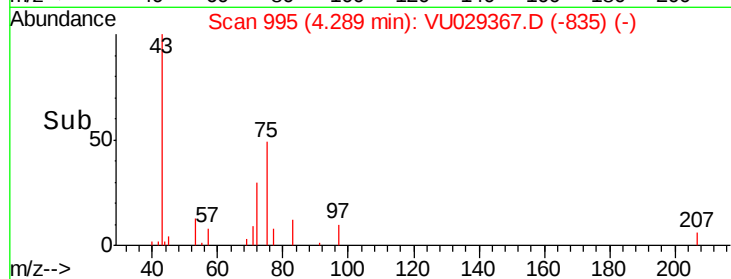
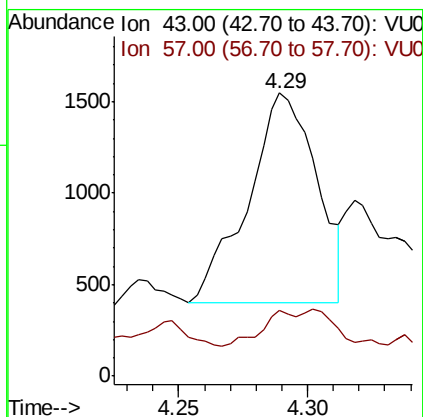
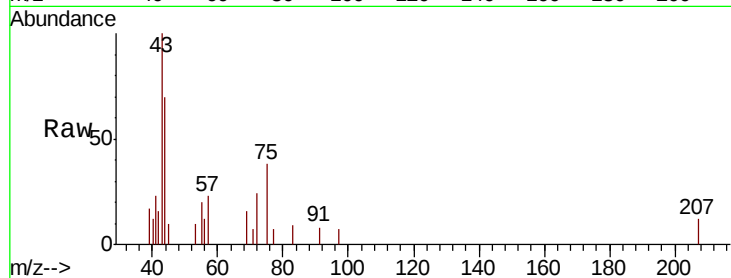
Tgt Ion	Ratio	Lower	Upper
63	100		
98	10.1	2.9	8.8#
100	5.5	1.7	5.1#





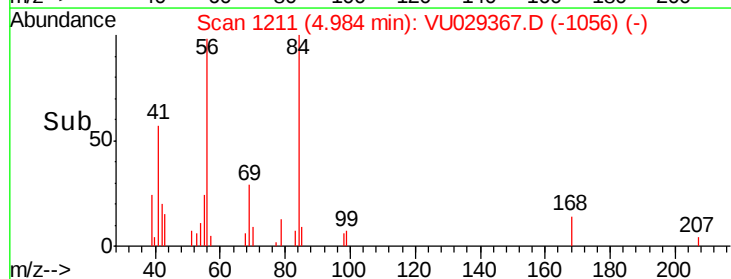
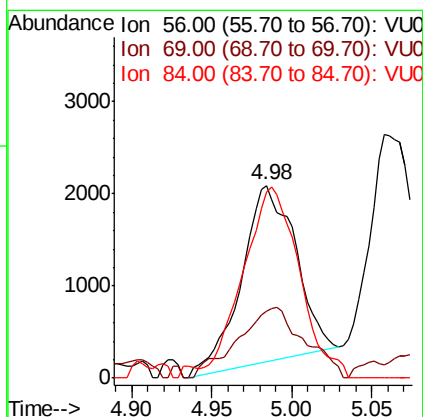
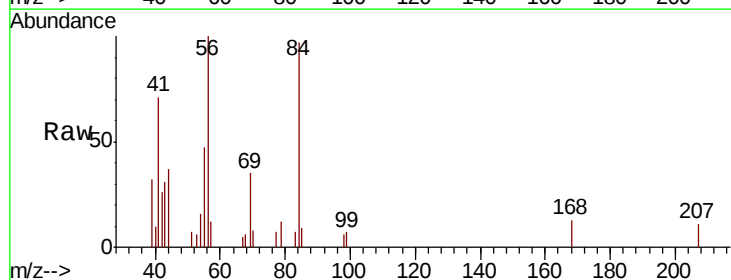
#18
2-Butanone
Concen: 0.528 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

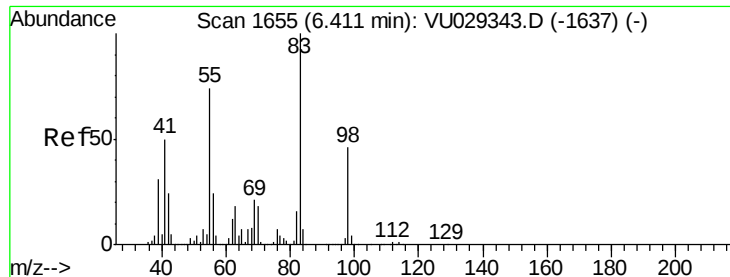
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
57 12.9 0.0 15.8



#19
Cyclohexane
Concen: 0.164 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

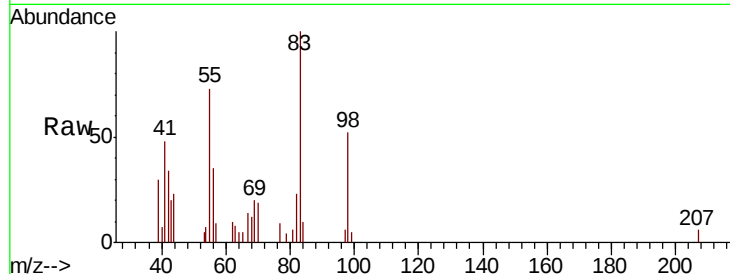
Tgt Ion: 56 Resp: 4469
Ion Ratio Lower Upper
56 100
69 49.3 26.8 40.2#
84 105.8 71.5 107.3



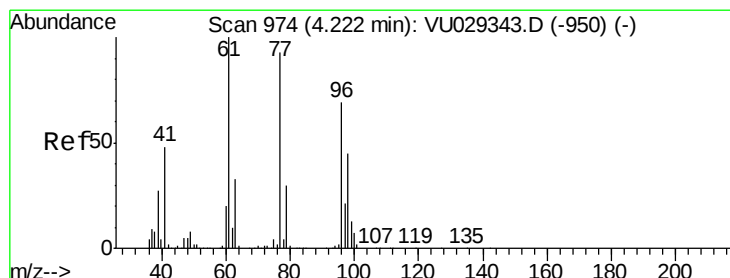
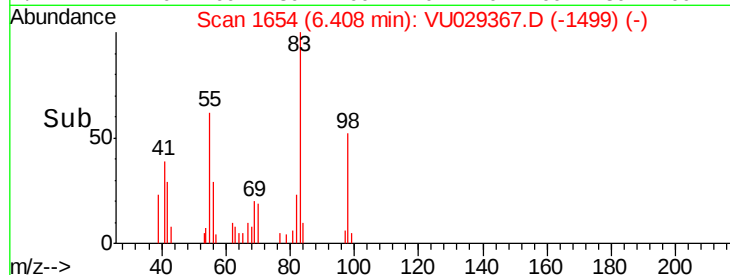
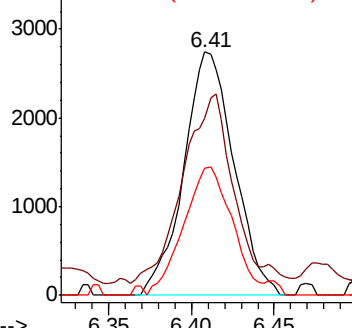


#20
Methylcyclohexane
Concen: 0.202 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 83 Resp: 5794
Ion Ratio Lower Upper
83 100
55 75.0 72.4 108.6
98 46.3 36.6 54.8

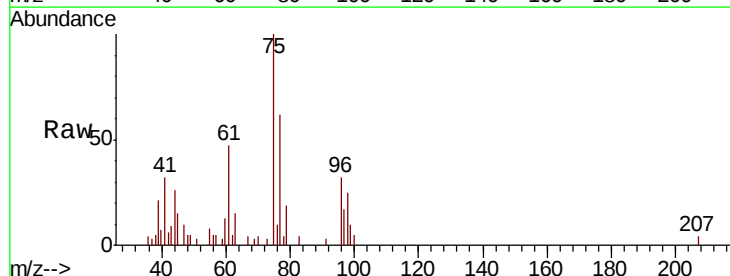


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

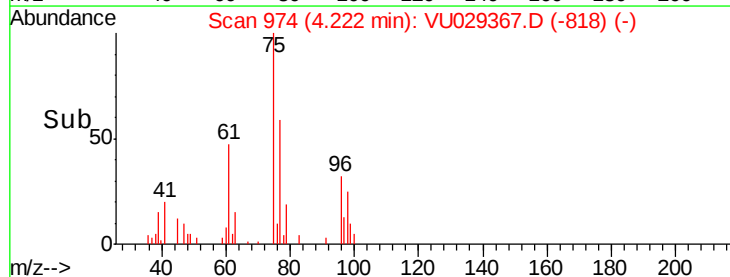
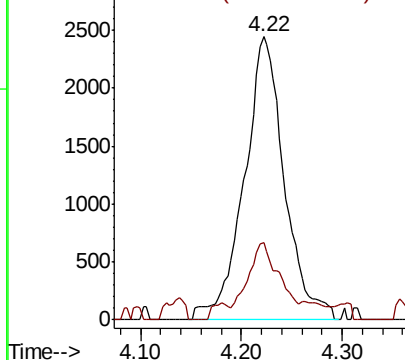


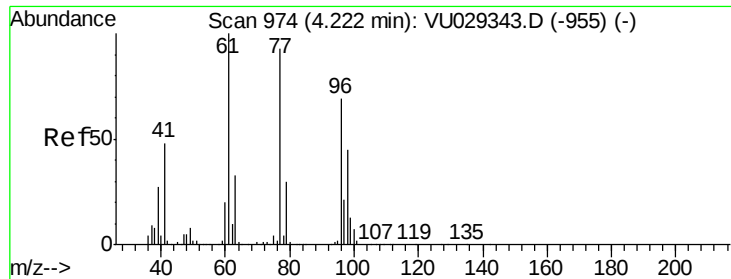
#21
2,2-Dichloropropane
Concen: 0.247 ug/l
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 77 Resp: 6735
Ion Ratio Lower Upper
77 100
97 15.7 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0

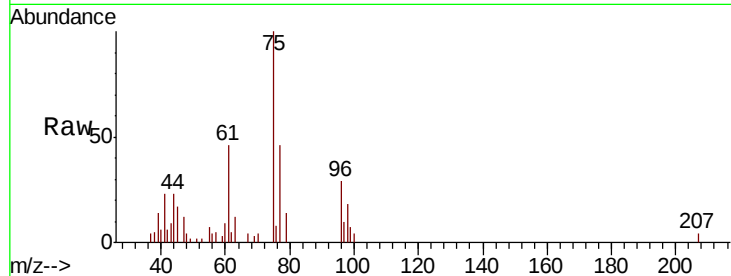




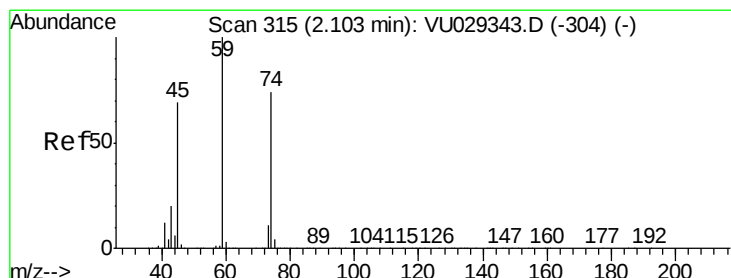
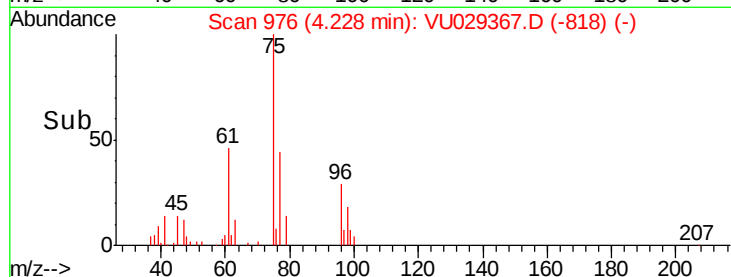
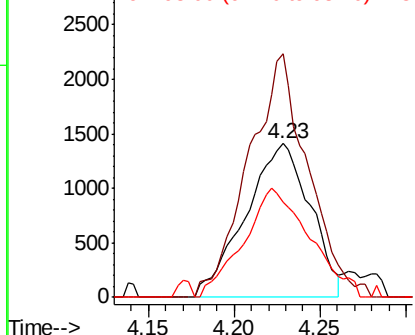
#22

cis-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 96 Resp: 3680
Ion Ratio Lower Upper
96 100
61 145.6 0.0 460.0
98 72.8 32.6 97.7



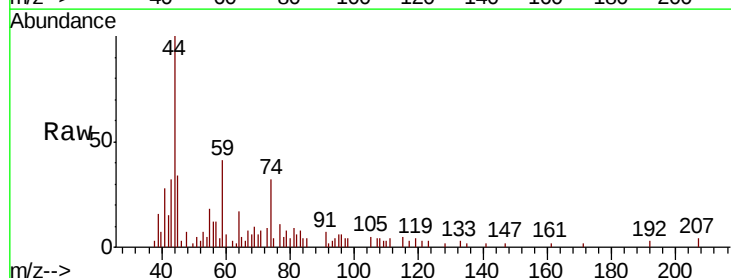
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



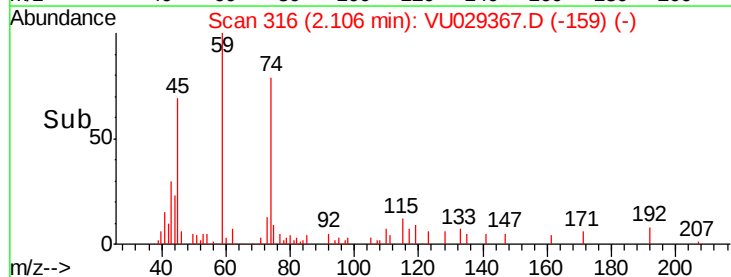
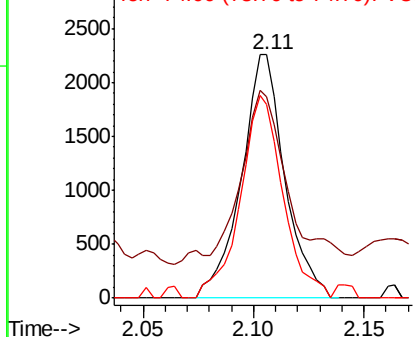
#23

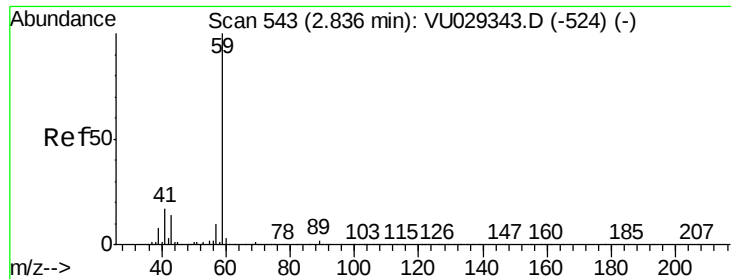
Diethyl Ether
Concen: 0.232 ug/l
RT: 2.11 min Scan# 316
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 59 Resp: 3087
Ion Ratio Lower Upper
59 100
45 66.2 64.2 96.4
74 81.5 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: 2.773 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029367.D

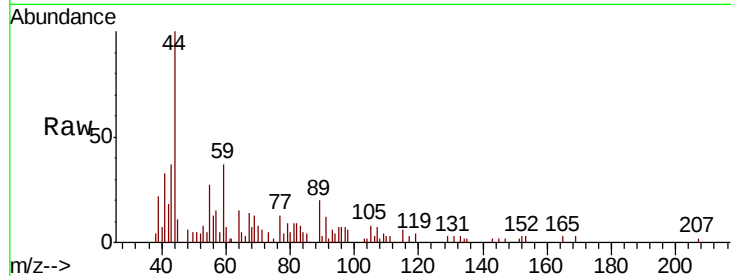
Acq: 07 Feb 2019 12:22

Tgt Ion: 59 Resp: 3842

Ion Ratio Lower Upper

59 100

57 6.4 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2000

1500

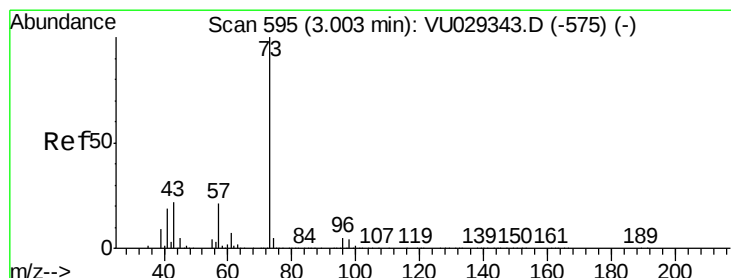
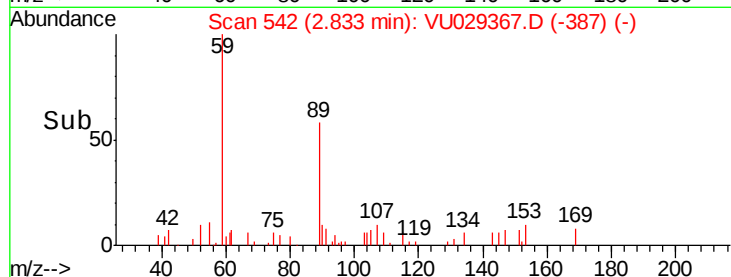
1000

500

0

2.75 2.80 2.85 2.90

Time-->



#25

Methyl tert-Butyl Ether

Concen: 0.214 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029367.D

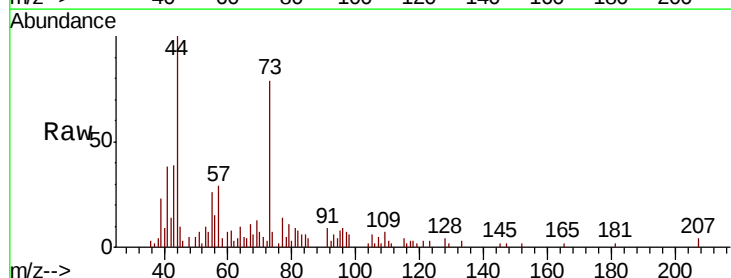
Acq: 07 Feb 2019 12:22

Tgt Ion: 73 Resp: 10002

Ion Ratio Lower Upper

73 100

43 19.6 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

5000

4000

3000

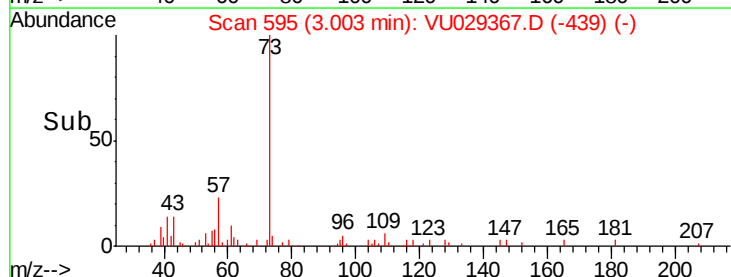
2000

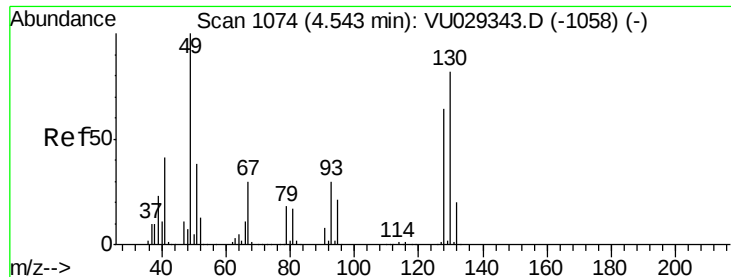
1000

0

2.90 3.00 3.10

Time-->





#26

Bromochloromethane

Concen: 0.191 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

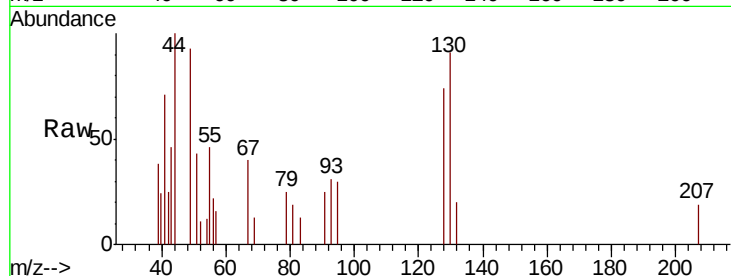
Tgt Ion: 128 Resp: 1476

Ion Ratio Lower Upper

128 100

49 127.2 0.0 401.6

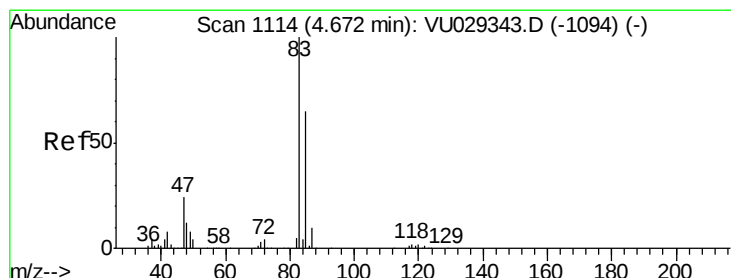
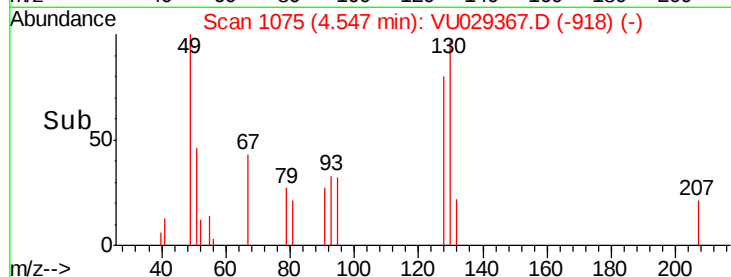
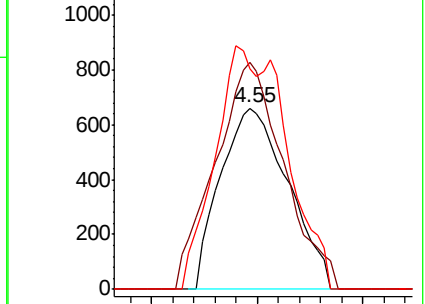
130 81.4 108.0 162.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#27

Chloroform

Concen: 0.205 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029367.D

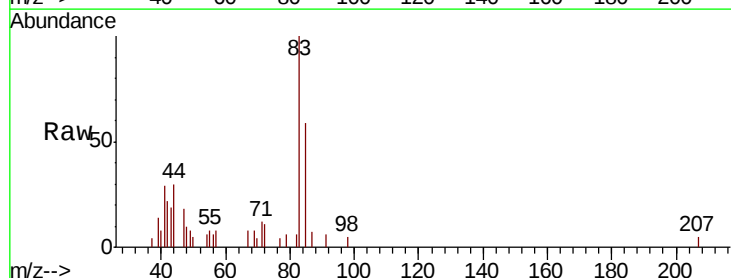
Acq: 07 Feb 2019 12:22

Tgt Ion: 83 Resp: 5876

Ion Ratio Lower Upper

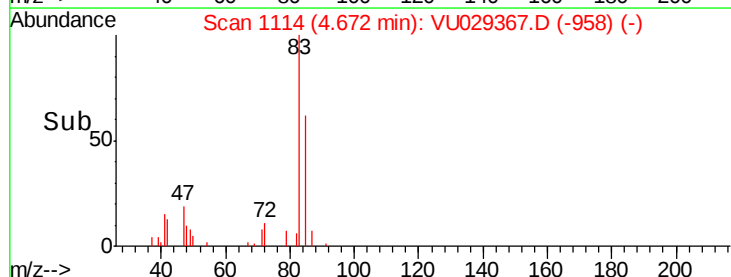
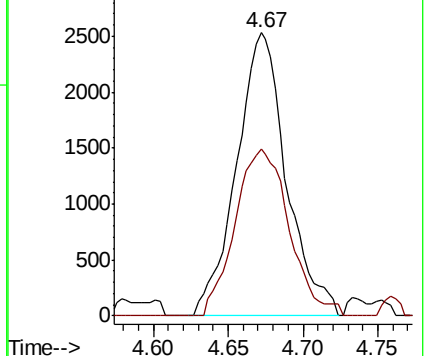
83 100

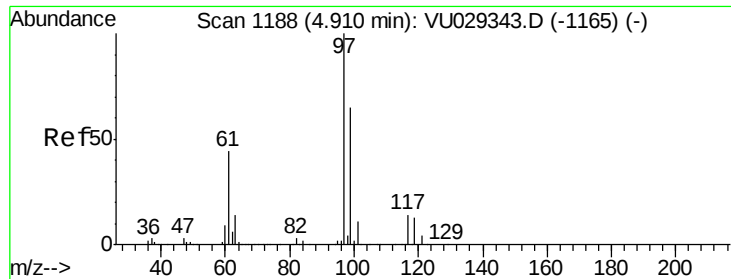
85 59.0 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

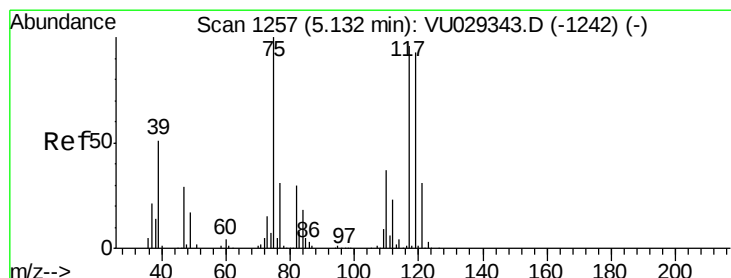
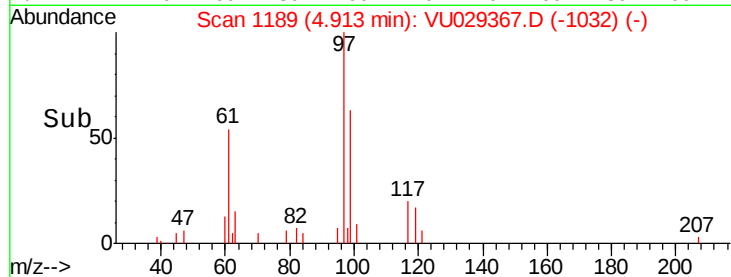
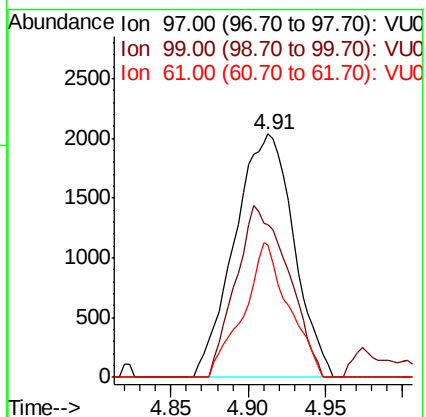
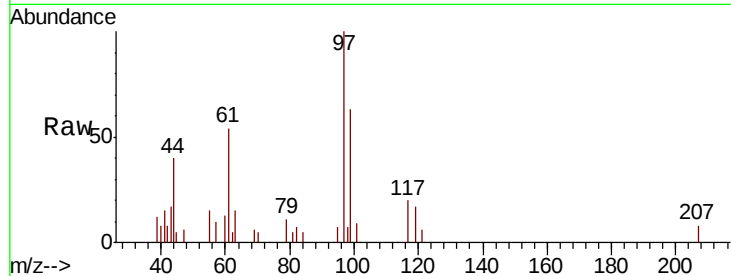
Ion 85.00 (84.70 to 85.70): VU0





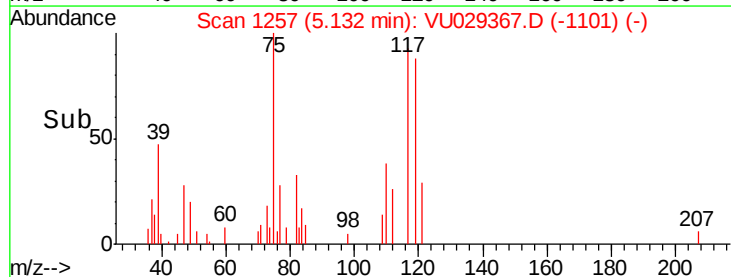
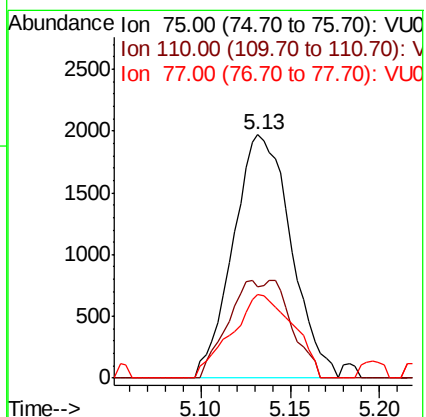
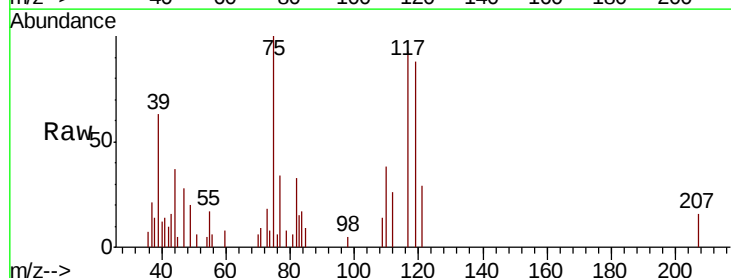
#28
 1,1,1-Trichloroethane
 Concen: 0.204 ug/l
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

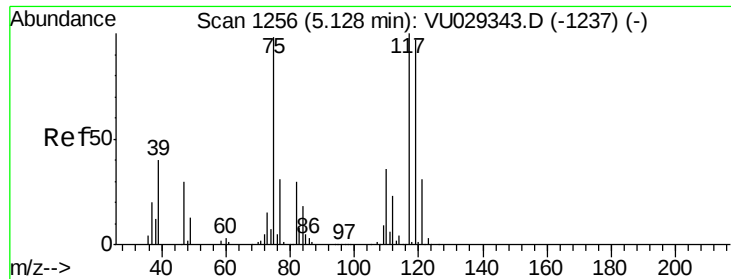
Tgt Ion: 97 Resp: 5413
 Ion Ratio Lower Upper
 97 100
 99 62.7 32.4 97.2
 61 42.4 24.4 73.2



#29
 1,1-Dichloropropene
 Concen: 0.193 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 75 Resp: 4451
 Ion Ratio Lower Upper
 75 100
 110 21.9 15.4 46.2
 77 36.5 24.1 36.1#





#30

Carbon Tetrachloride

Concen: 0.192 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

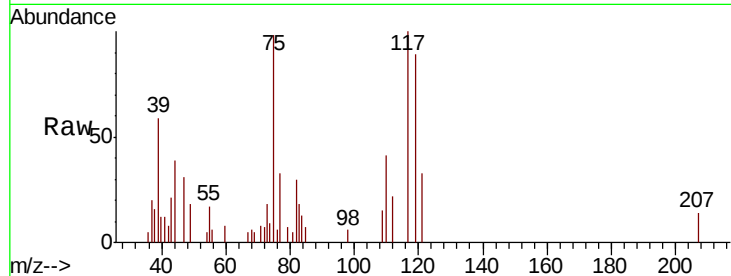
Tgt Ion: 117 Resp: 4618

Ion Ratio Lower Upper

117 100

119 89.0 76.8 115.2

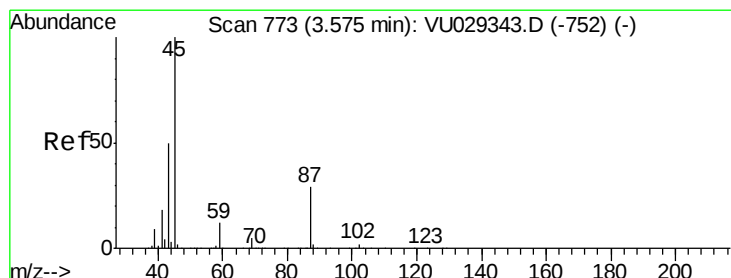
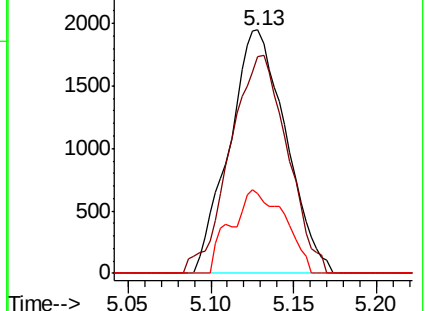
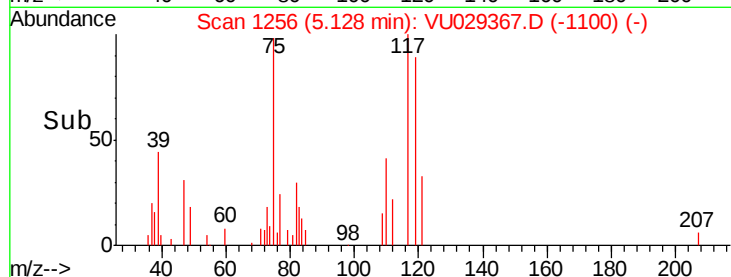
121 32.6 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#31

Isopropyl Ether

Concen: 0.205 ug/l

RT: 3.58 min Scan# 774

Delta R.T. 0.00 min

Lab File: VU029367.D

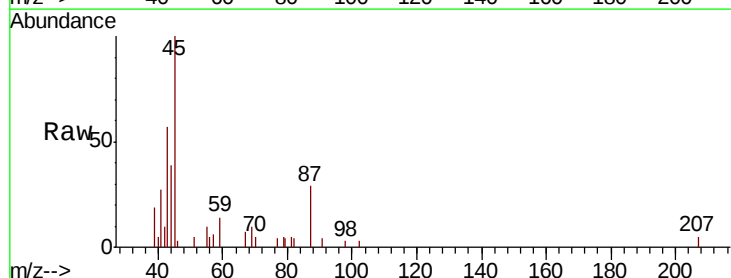
Acq: 07 Feb 2019 12:22

Tgt Ion: 45 Resp: 9114

Ion Ratio Lower Upper

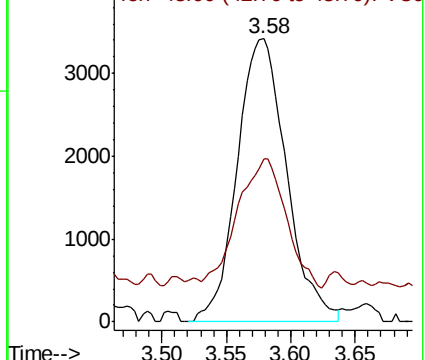
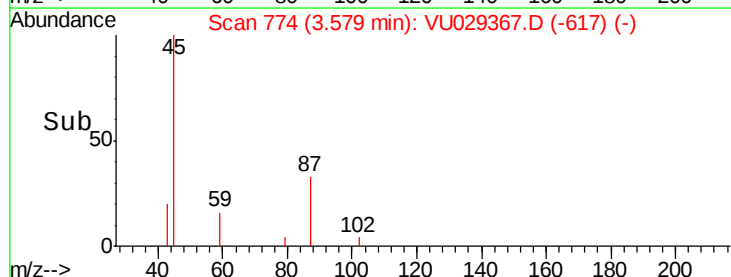
45 100

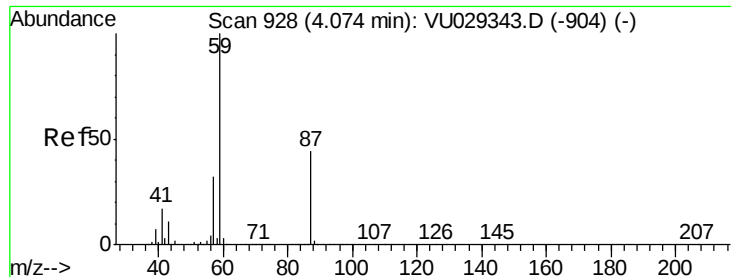
43 45.2 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0





#32

Ethyl-t-butyl ether

Concen: 0.188 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029367.D

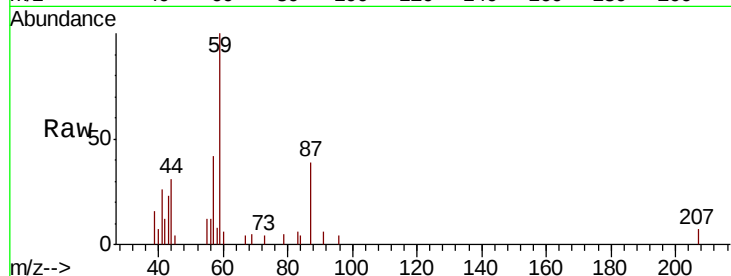
Acq: 07 Feb 2019 12:22

Tgt Ion: 59 Resp: 8355

Ion Ratio Lower Upper

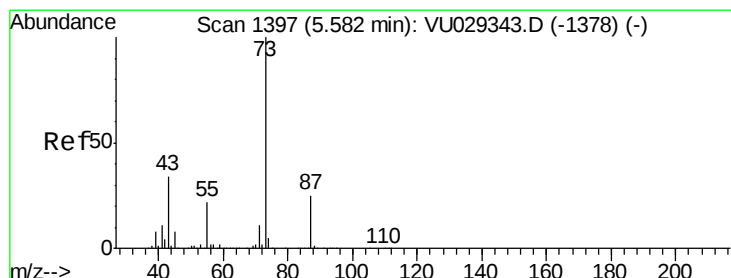
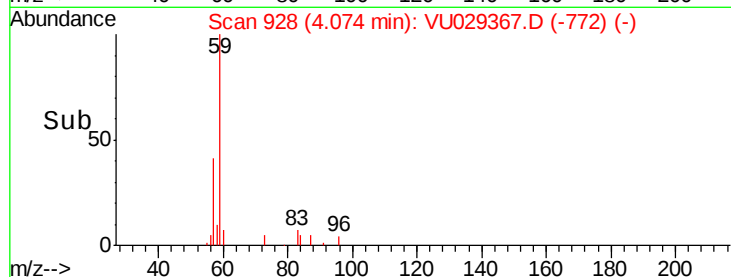
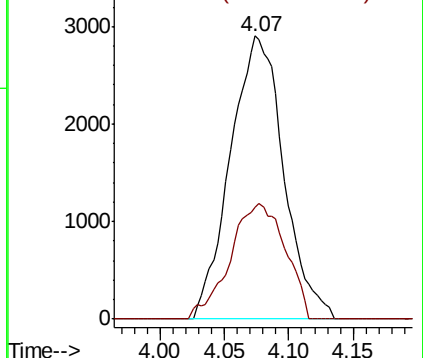
59 100

87 42.3 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#33

Tert-Amyl methyl ether

Concen: 0.209 ug/l

RT: 5.58 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

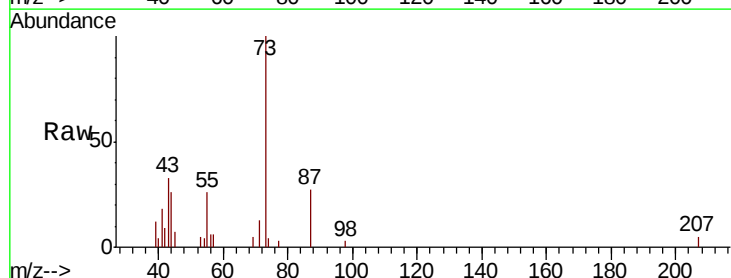
Tgt Ion: 73 Resp: 8388

Ion Ratio Lower Upper

73 100

87 21.5 19.4 29.0

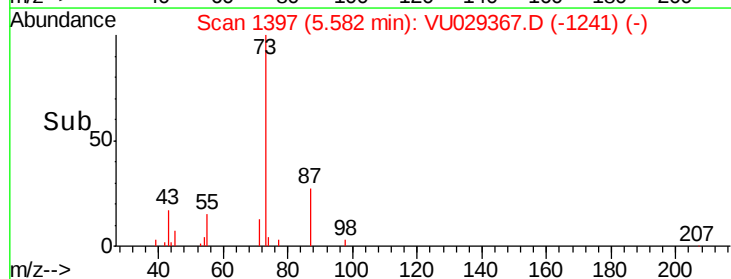
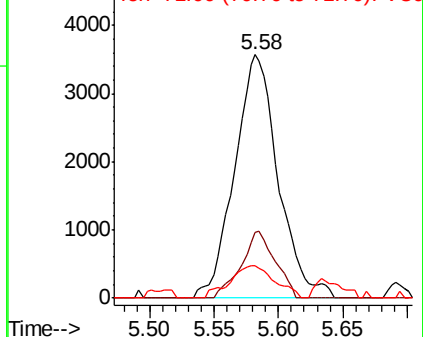
71 13.8 9.0 13.4#

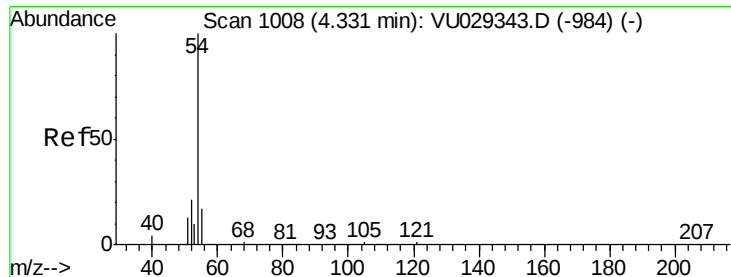


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0





#34

Propionitrile

Concen: 0.588 ug/l

RT: 4.34 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

Tgt Ion: 54 Resp: 619

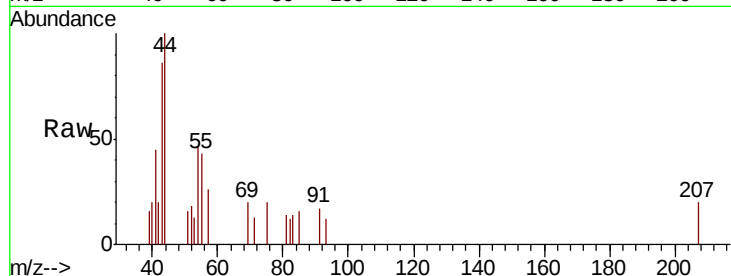
Ion Ratio Lower Upper

54 100

52 22.9 18.9 28.3

55 25.7 15.1 22.7#

40 5.8 7.2 10.8#

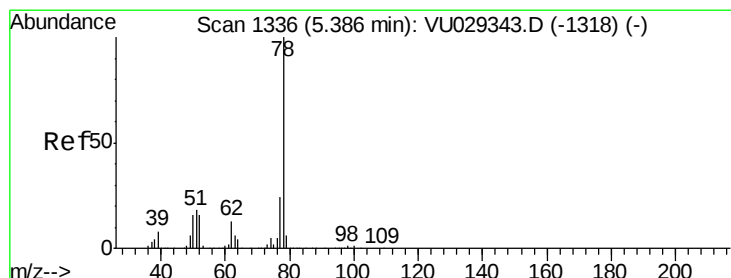
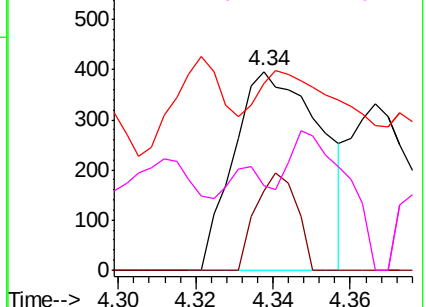
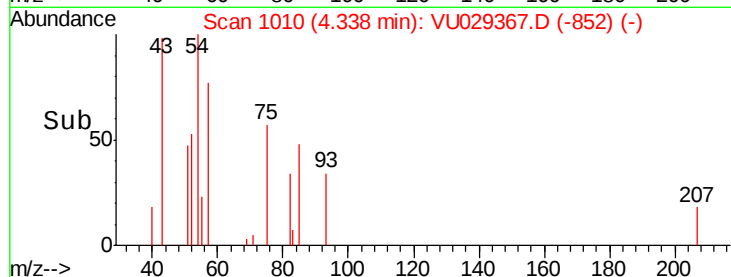


Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0



#35

Benzene

Concen: 0.205 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029367.D

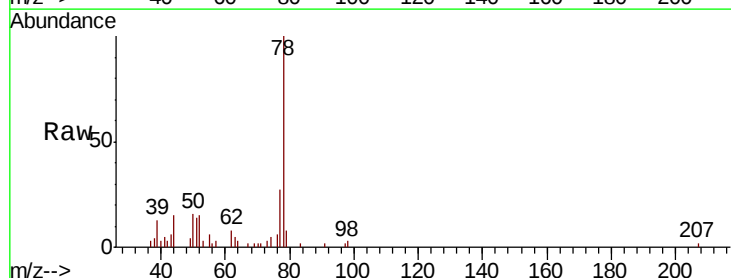
Acq: 07 Feb 2019 12:22

Tgt Ion: 78 Resp: 13050

Ion Ratio Lower Upper

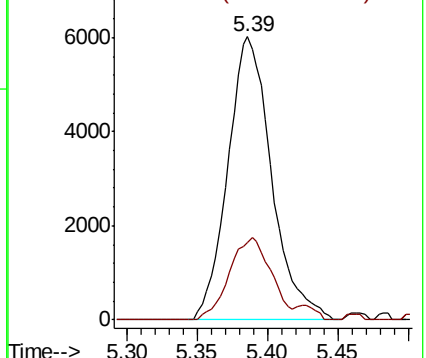
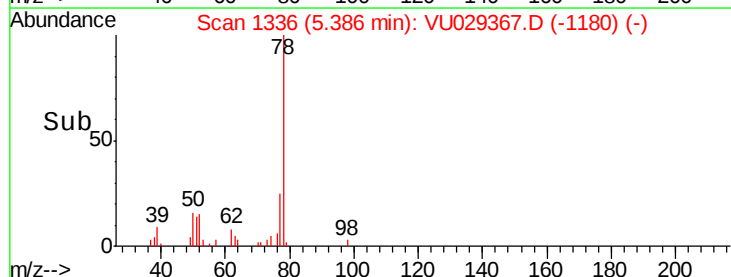
78 100

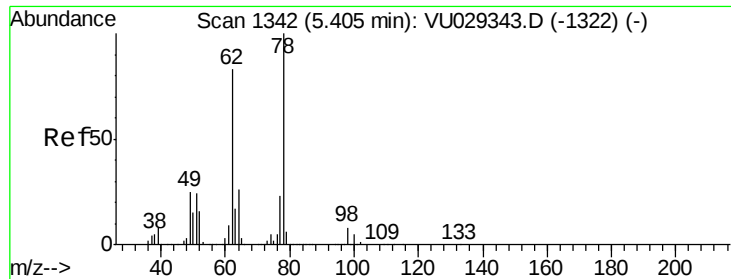
77 27.5 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

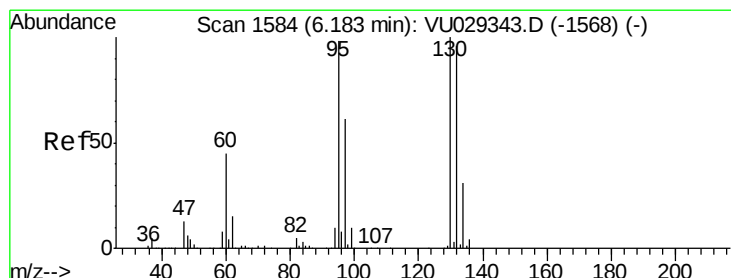
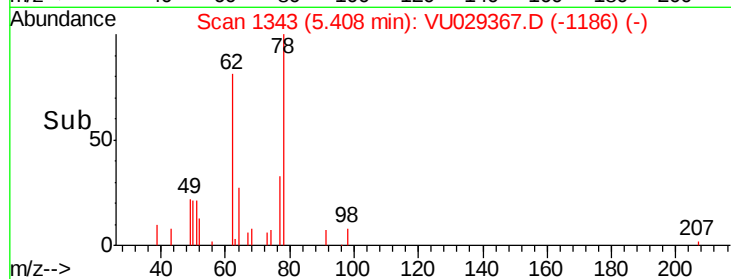
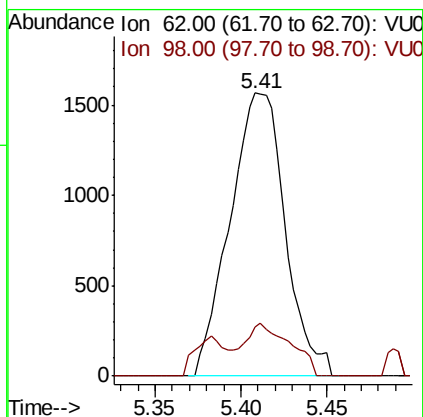
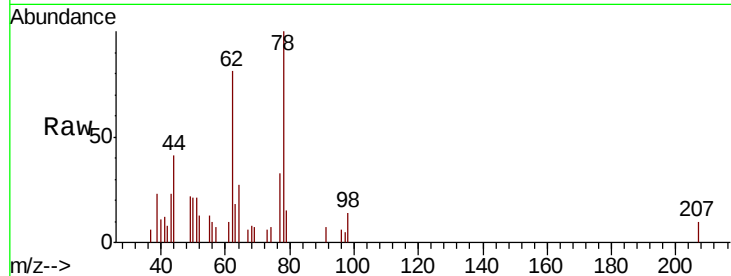
Ion 77.00 (76.70 to 77.70): VU0





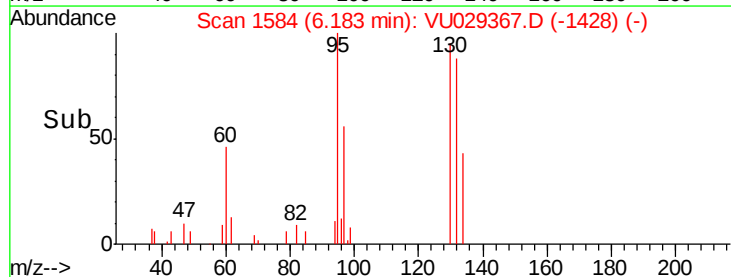
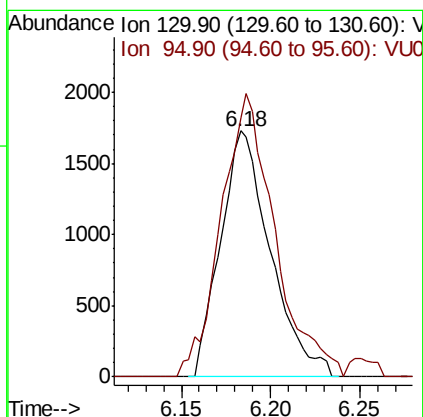
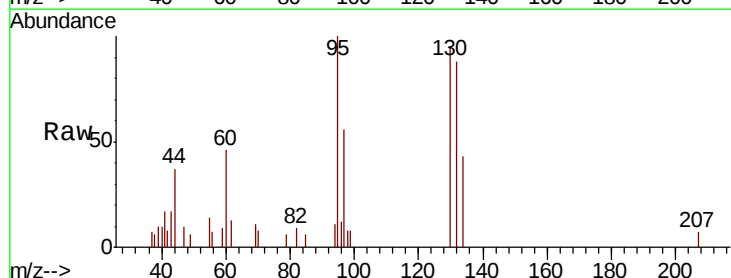
#36
 1,2-Dichloroethane
 Concen: 0.182 ug/l
 RT: 5.41 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

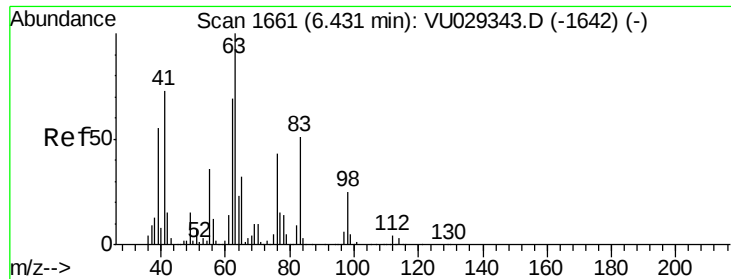
Tgt Ion: 62 Resp: 3501
 Ion Ratio Lower Upper
 62 100
 98 15.3 4.9 7.3#



#37
 Trichloroethene
 Concen: 0.184 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 130 Resp: 3356
 Ion Ratio Lower Upper
 130 100
 95 99.2 85.4 128.0





#38

1,2-Dichloropropane

Concen: 0.183 ug/l

RT: 6.43 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VU029367.D

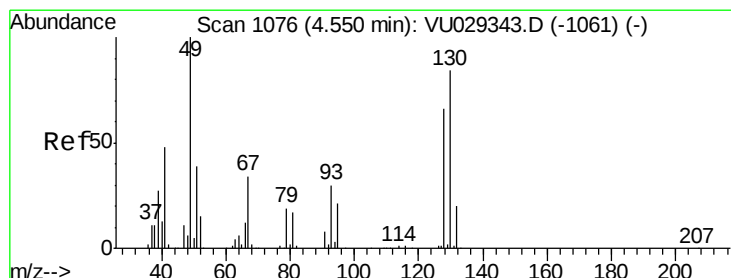
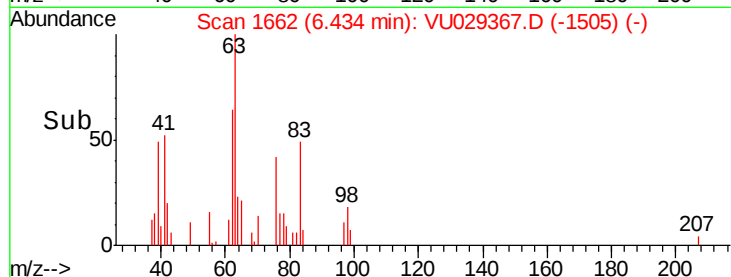
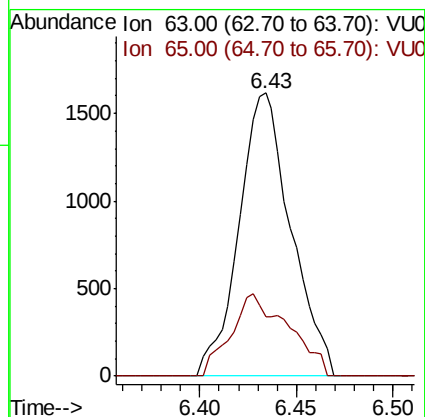
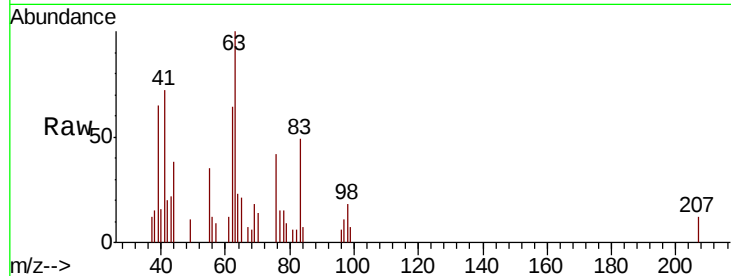
Acq: 07 Feb 2019 12:22

Tgt Ion: 63 Resp: 3024

Ion Ratio Lower Upper

63 100

65 21.2 25.5 38.3#



#39

Methacrylonitrile

Concen: 0.139 ug/l

RT: 4.56 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

Tgt Ion: 41 Resp: 748

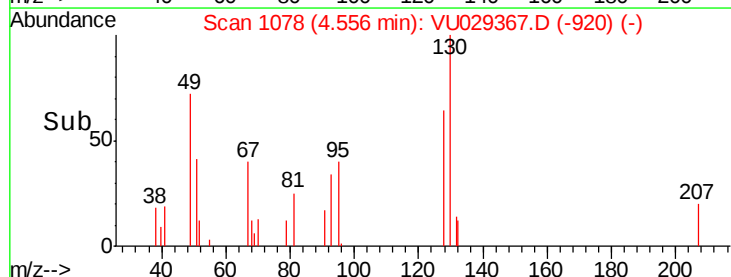
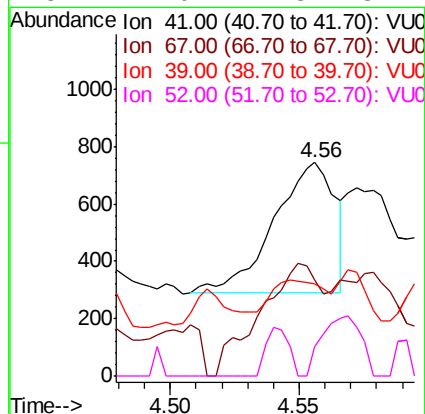
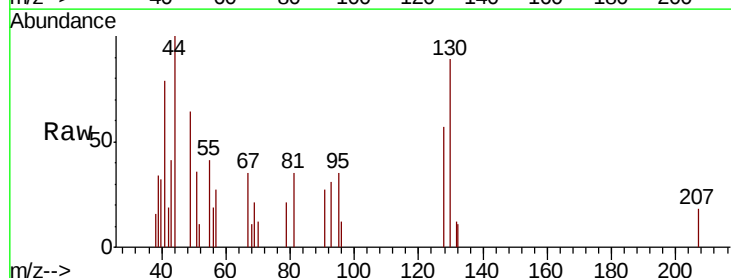
Ion Ratio Lower Upper

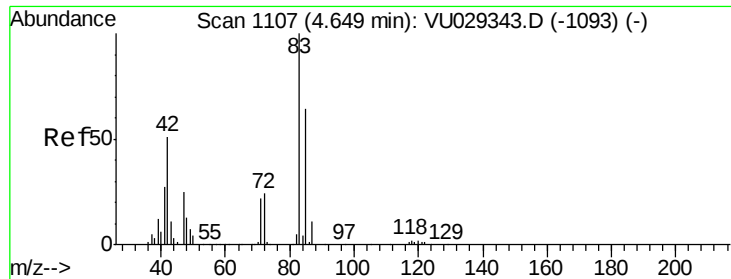
41 100

67 85.3 50.1 75.1#

39 19.9 47.9 71.9#

52 14.0 24.8 37.2#





#41

Tetrahydrofuran

Concen: 0.531 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

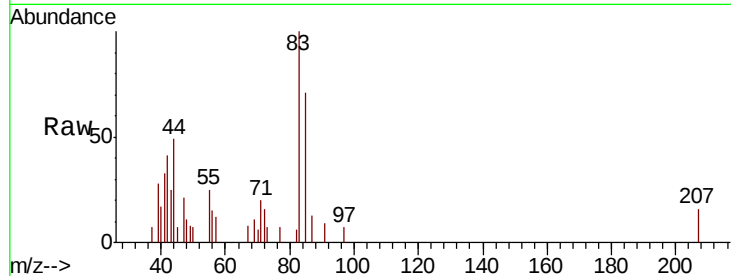
Tgt Ion: 42 Resp: 1444

Ion Ratio Lower Upper

42 100

72 25.8 33.1 49.7#

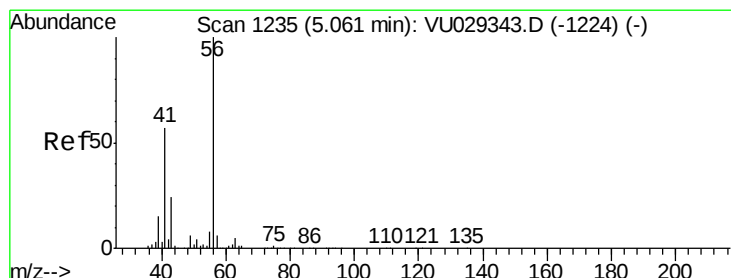
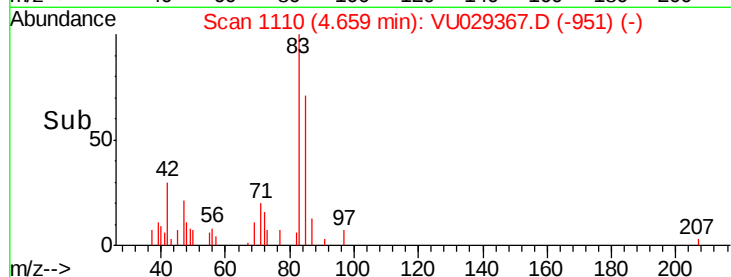
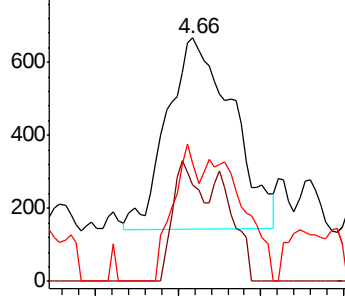
71 27.1 30.2 45.2#



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: 0.189 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029367.D

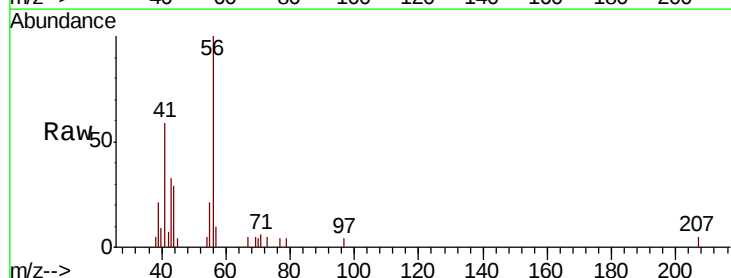
Acq: 07 Feb 2019 12:22

Tgt Ion: 56 Resp: 5844

Ion Ratio Lower Upper

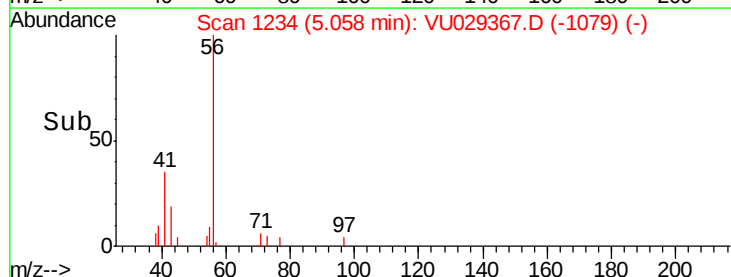
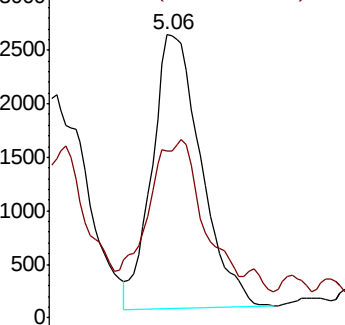
56 100

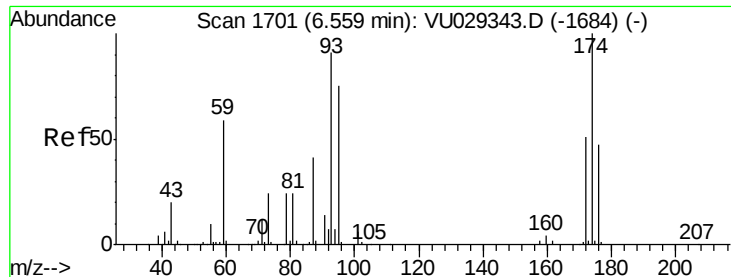
41 59.2 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.206 ug/l

RT: 6.56 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

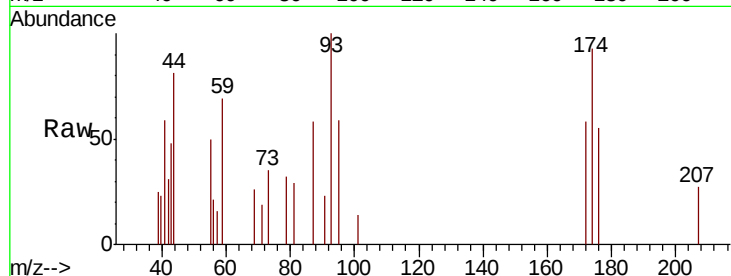
Tgt Ion: 93 Resp: 1818

Ion Ratio Lower Upper

93 100

95 36.5 68.2 102.2#

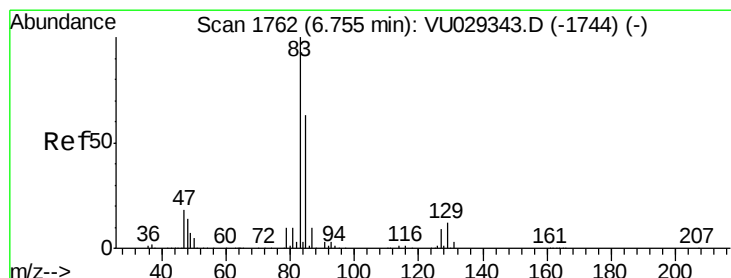
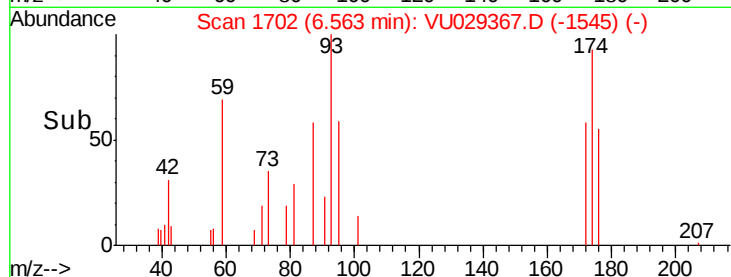
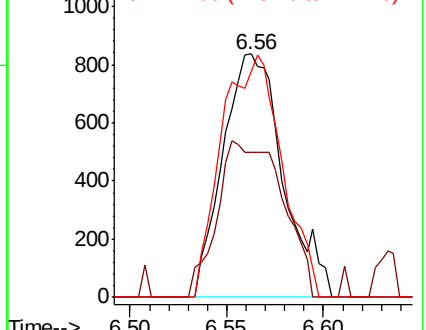
174 100.2 77.6 116.4



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: 0.196 ug/l

RT: 6.76 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

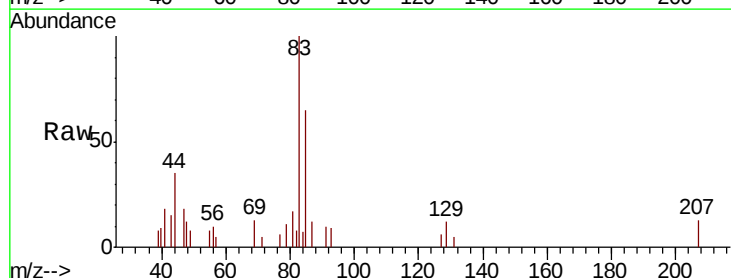
Tgt Ion: 83 Resp: 4403

Ion Ratio Lower Upper

83 100

85 65.2 49.2 73.8

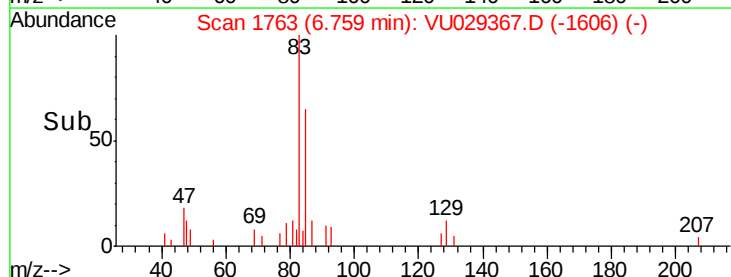
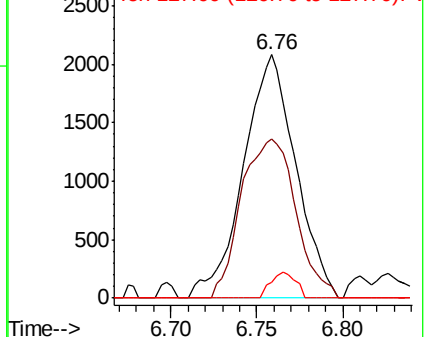
127 6.5 7.0 10.6#

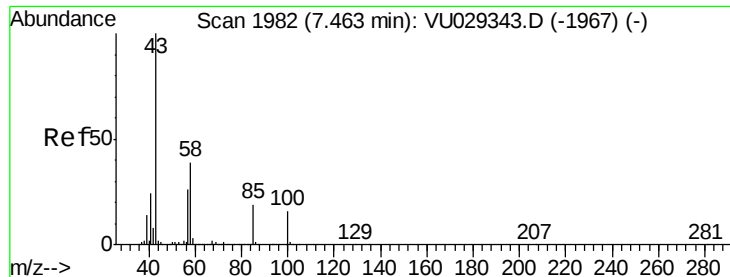


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

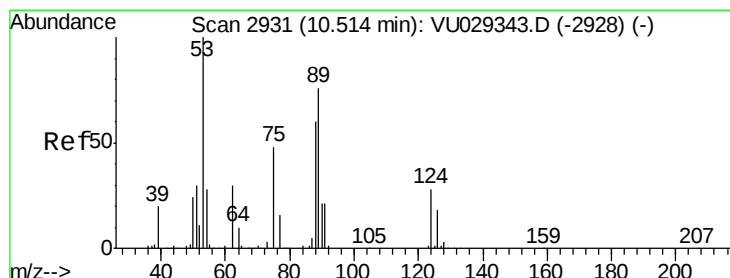
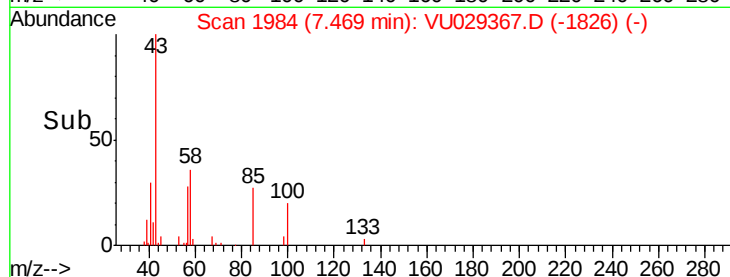
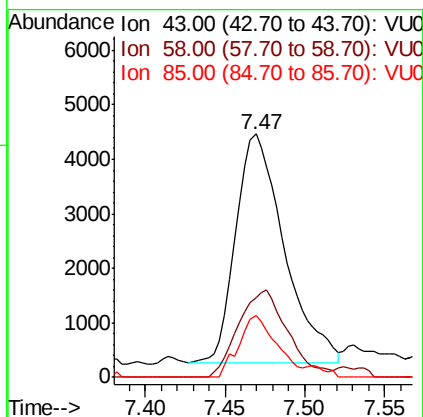
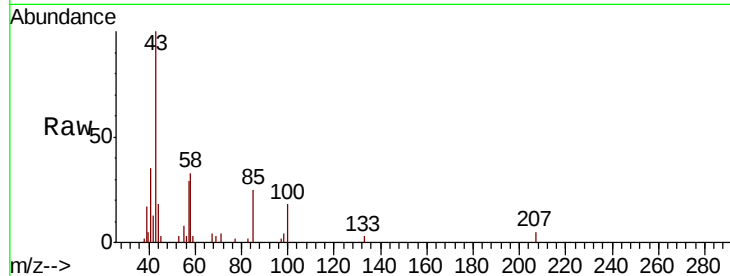
Ion 127.00 (126.70 to 127.70): V





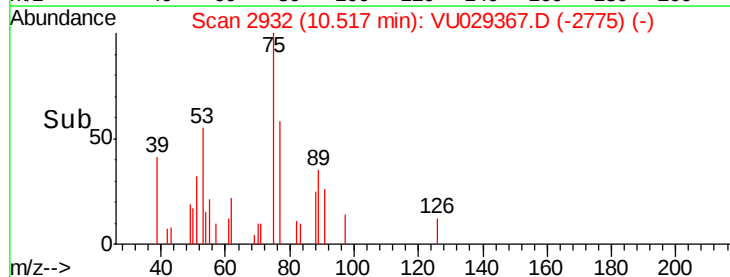
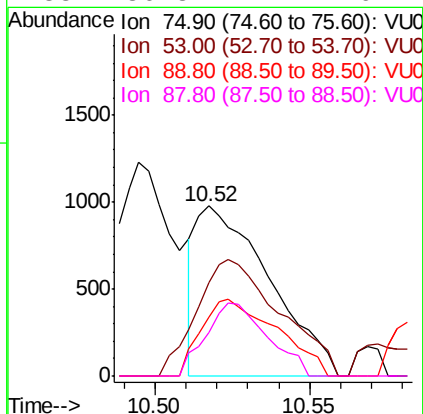
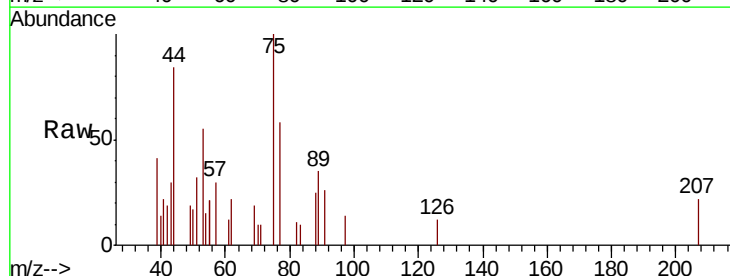
#45
 4-Methyl-2-Pentanone
 Concen: 0.838 ug/l
 RT: 7.47 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

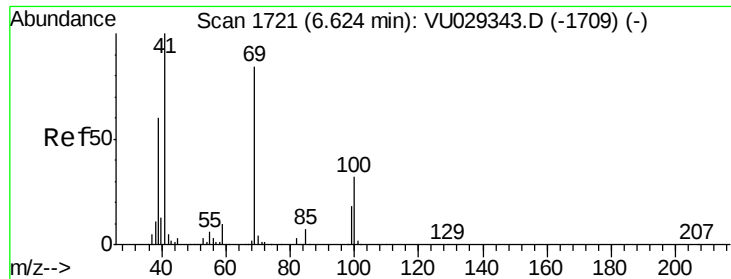
Tgt Ion:	43	Resp:	8668
Ion	Ratio	Lower	Upper
43	100		
58	38.9	17.6	52.8
85	21.0	12.3	18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 0.317 ug/l
 RT: 10.52 min Scan# 2932
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

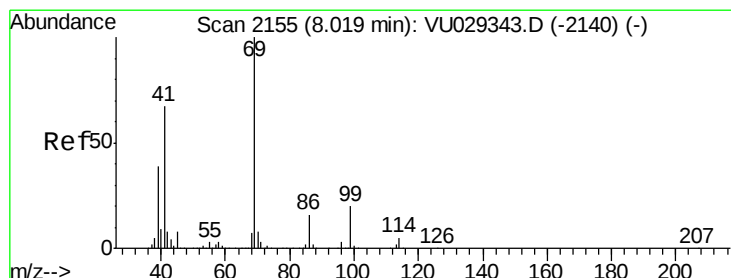
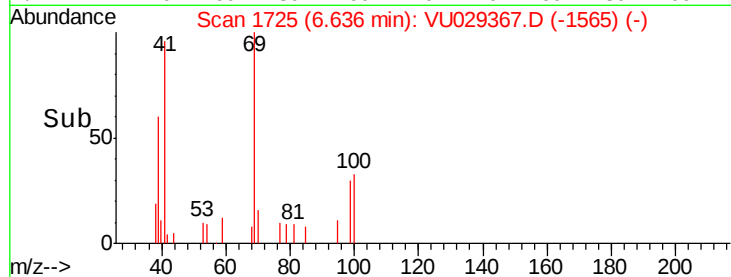
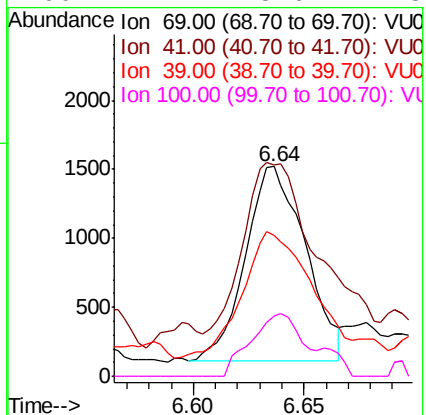
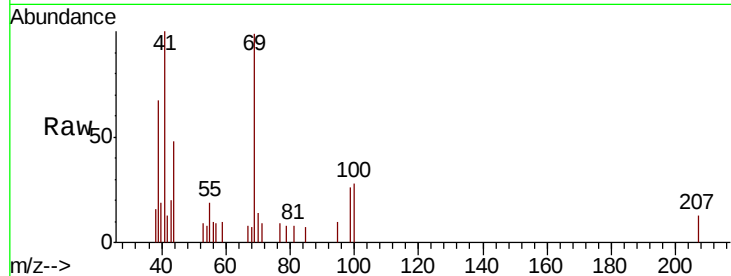
Tgt Ion:	75	Resp:	1596
Ion	Ratio	Lower	Upper
75	100		
53	78.4	78.2	117.4
89	47.1	44.2	66.4
88	36.3	41.4	62.2#





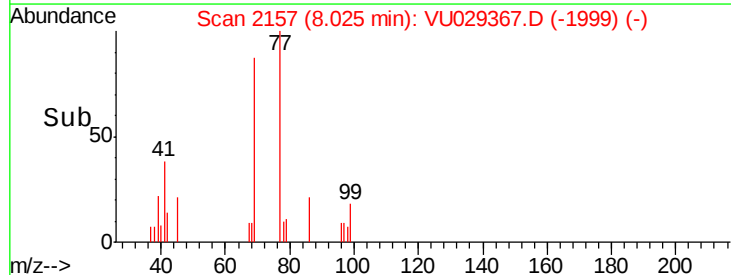
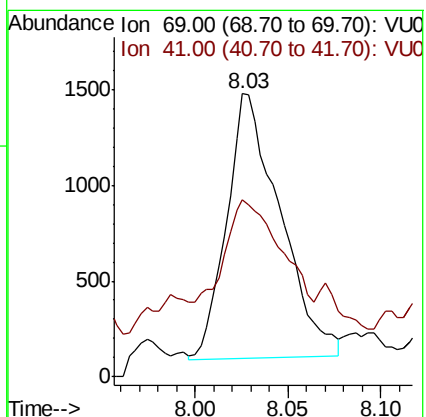
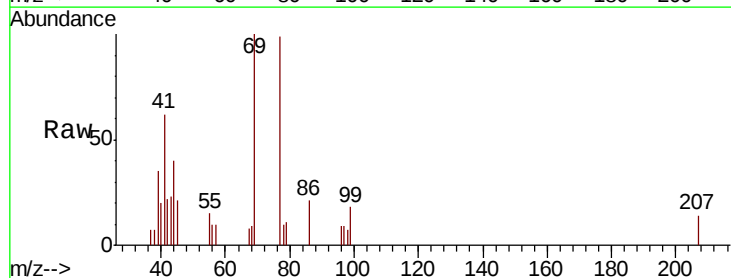
#47
Methyl methacrylate
Concen: 0.341 ug/l
RT: 6.64 min Scan# 1725
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

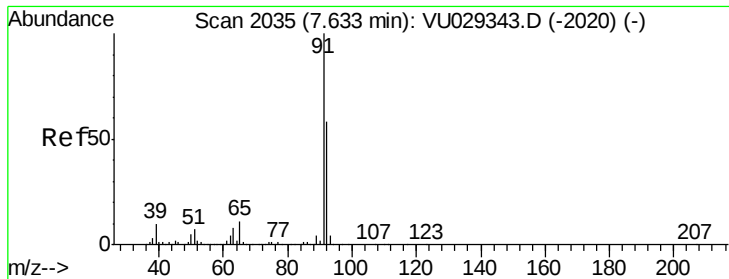
Tgt Ion: 69 Resp: 2651
Ion Ratio Lower Upper
69 100
41 112.0 0.0 296.2
39 75.3 71.2 106.8
100 27.7 28.6 42.8#



#48
Ethyl methacrylate
Concen: 0.167 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 69 Resp: 2781
Ion Ratio Lower Upper
69 100
41 52.5 39.9 119.7





#49

Toluene

Concen: 0.179 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029367.D

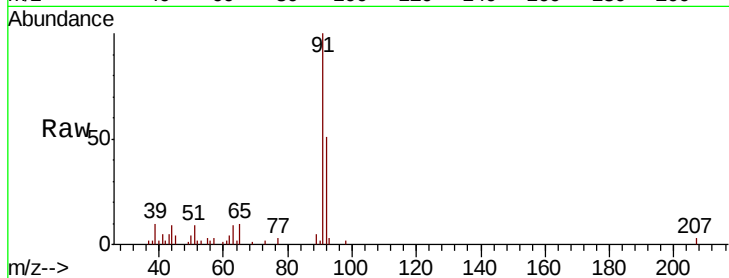
Acq: 07 Feb 2019 12:22

Tgt Ion: 92 Resp: 7275

Ion Ratio Lower Upper

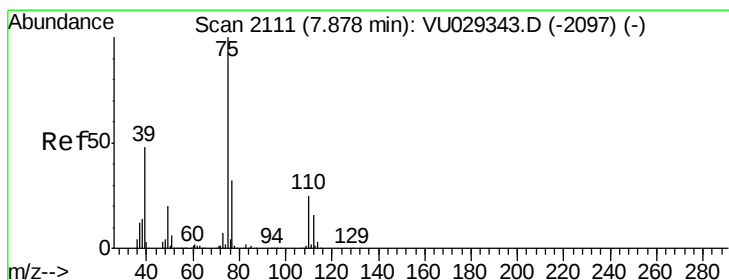
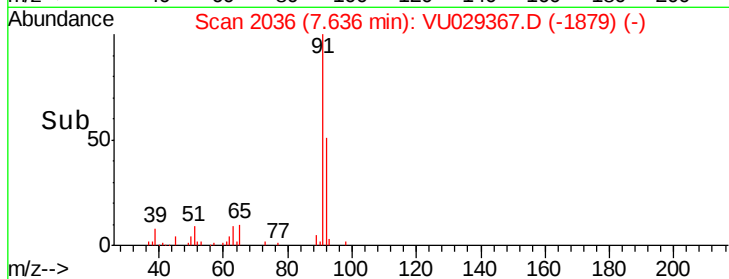
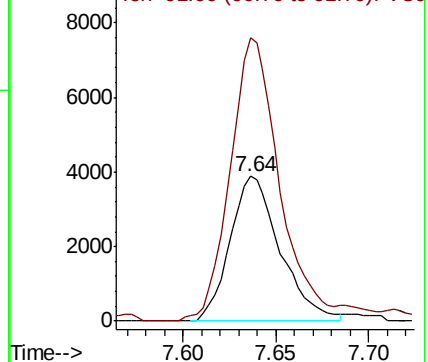
92 100

91 198.0 140.7 211.1



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: 0.171 ug/l

RT: 7.89 min Scan# 2114

Delta R.T. 0.01 min

Lab File: VU029367.D

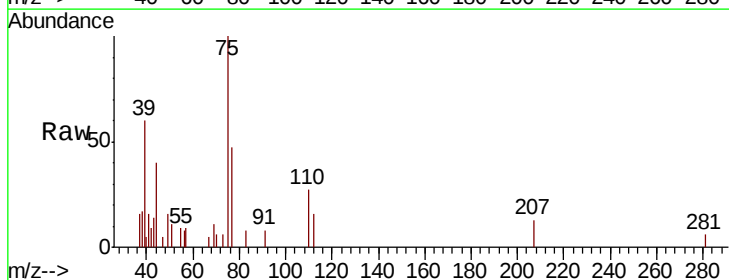
Acq: 07 Feb 2019 12:22

Tgt Ion: 75 Resp: 3766

Ion Ratio Lower Upper

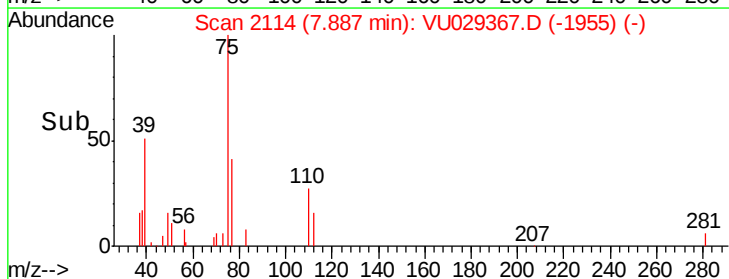
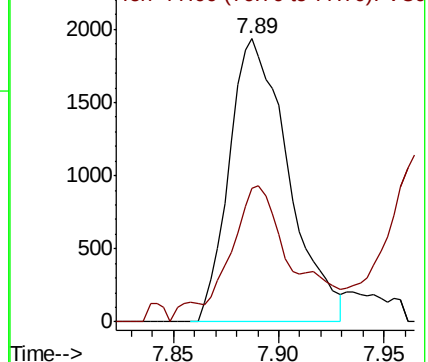
75 100

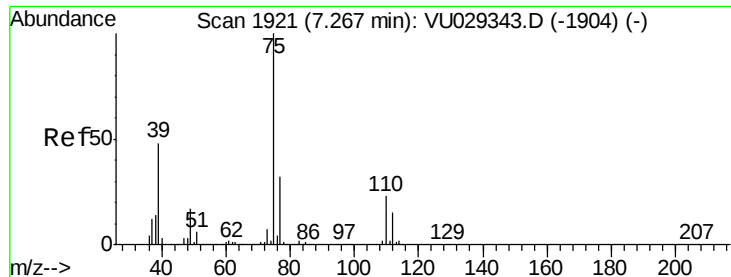
77 40.4 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

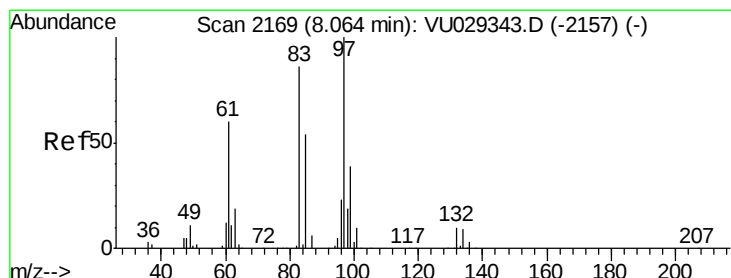
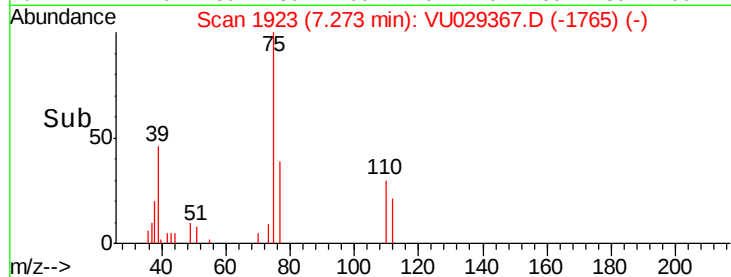
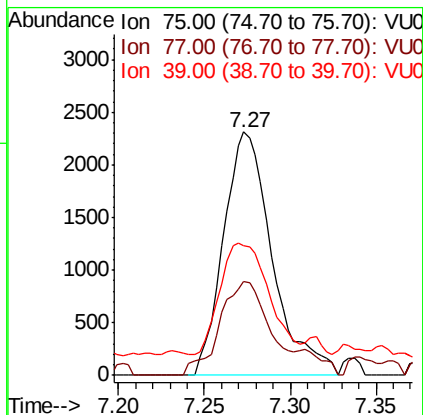
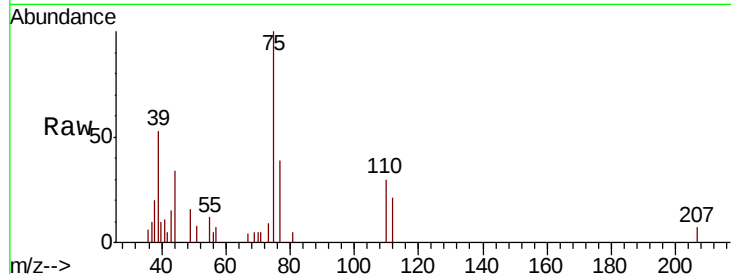




#51

cis-1,3-Dichloropropene
 Concen: 0.174 ug/l
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

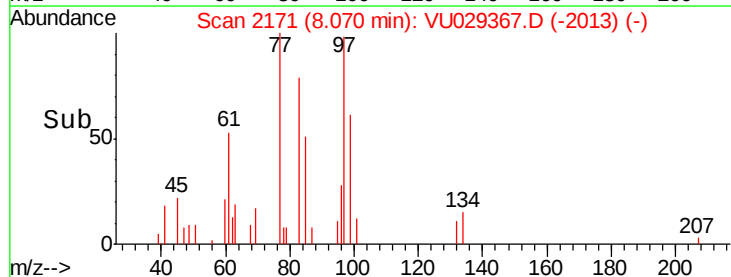
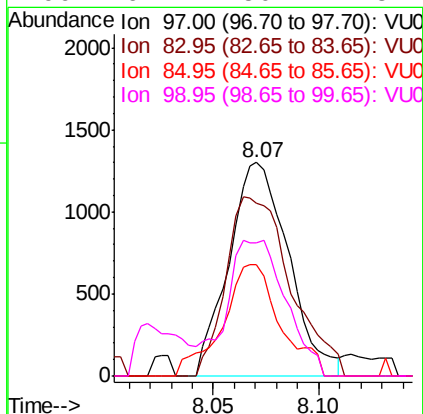
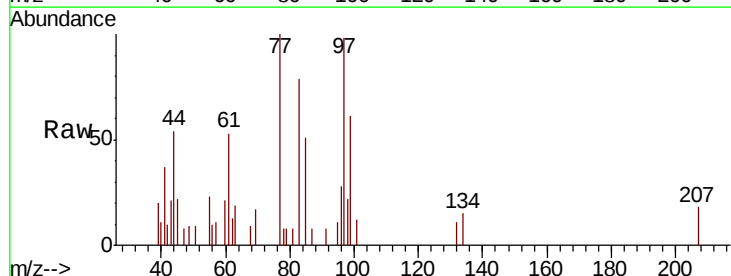
Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.7	24.9	37.3#
39	44.8	47.2	70.8#

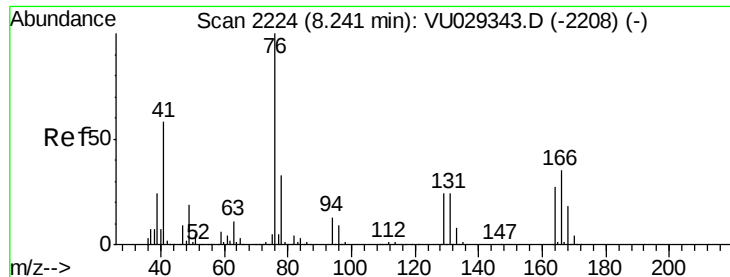


#52

1,1,2-Trichloroethane
 Concen: 0.219 ug/l
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.9	104.9
85	52.2	45.8	68.6
99	62.1	50.2	75.2





#53

1,3-Dichloropropane

Concen: 0.196 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.00 min

Lab File: VU029367.D

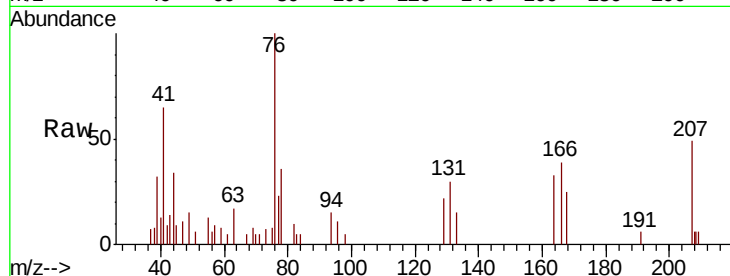
Acq: 07 Feb 2019 12:22

Tgt Ion: 76 Resp: 4028

Ion Ratio Lower Upper

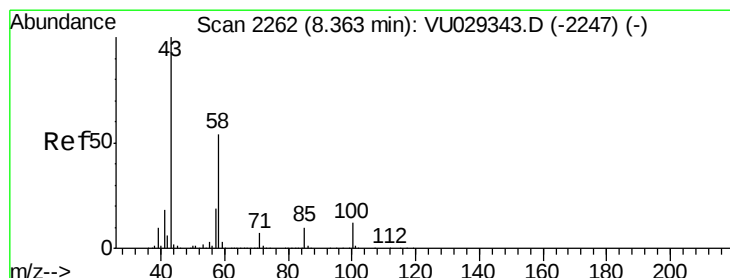
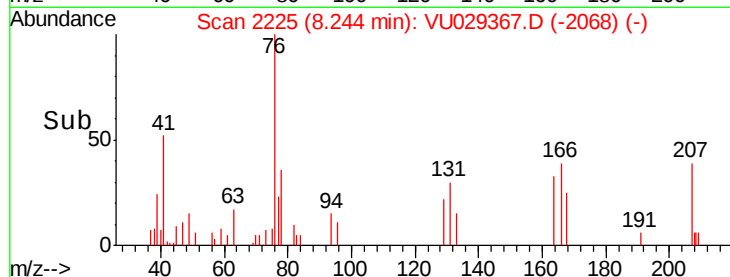
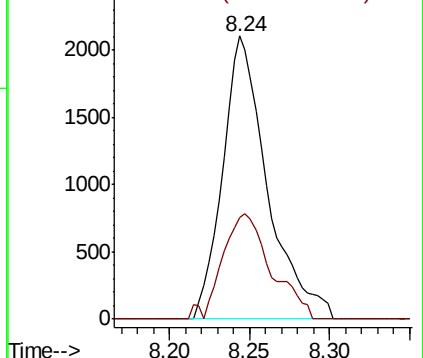
76 100

78 40.5 26.3 39.5#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 0.824 ug/l

RT: 8.38 min Scan# 2266

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

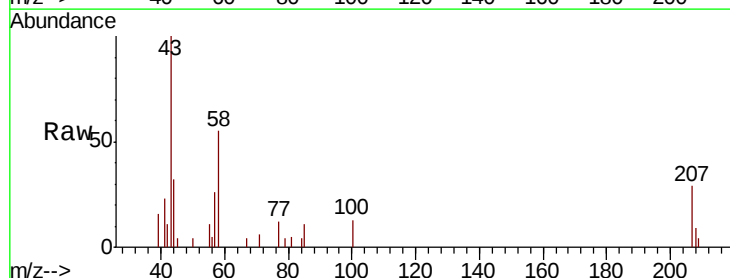
Tgt Ion: 43 Resp: 5974

Ion Ratio Lower Upper

43 100

58 53.8 26.0 66.0

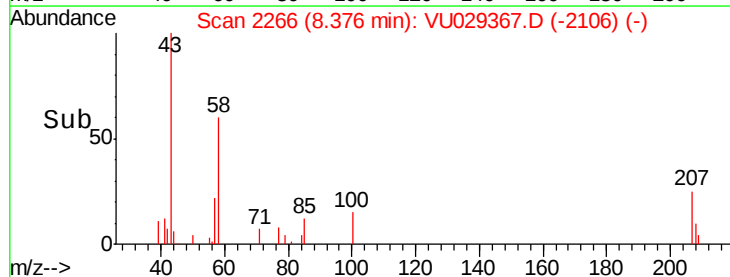
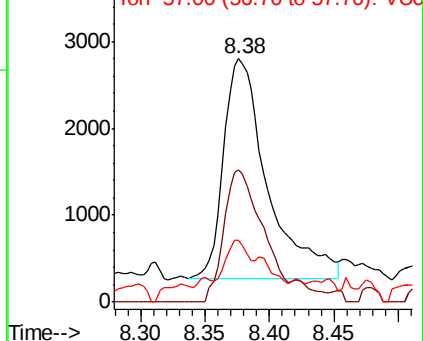
57 9.3 0.0 37.7

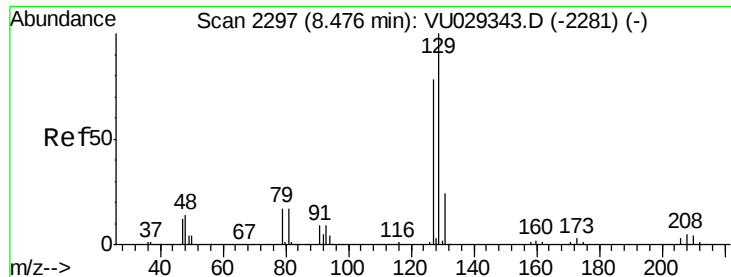


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 0.191 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029367.D

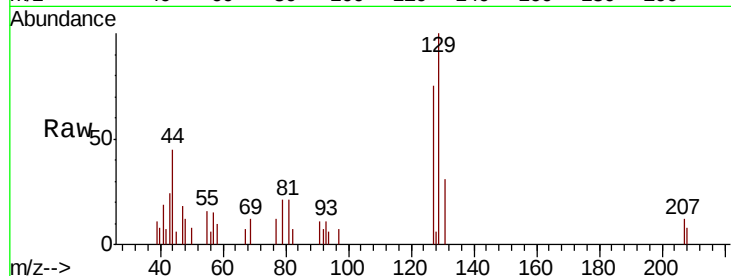
Acq: 07 Feb 2019 12:22

Tgt Ion:129 Resp: 3168

Ion Ratio Lower Upper

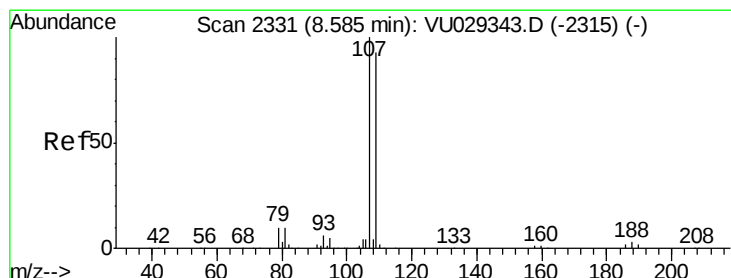
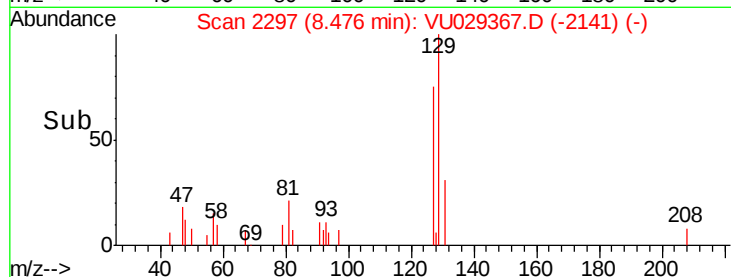
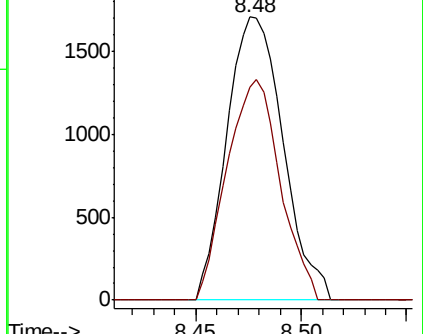
129 100

127 73.4 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: 0.209 ug/l

RT: 8.59 min Scan# 2334

Delta R.T. 0.01 min

Lab File: VU029367.D

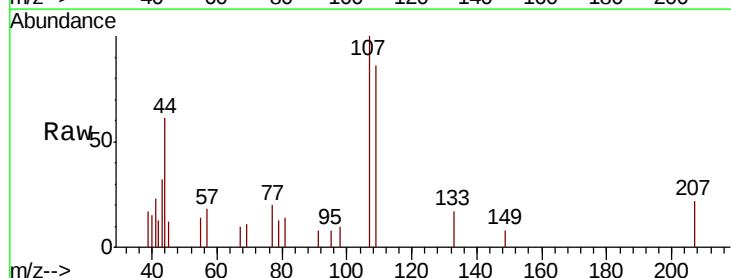
Acq: 07 Feb 2019 12:22

Tgt Ion:107 Resp: 2508

Ion Ratio Lower Upper

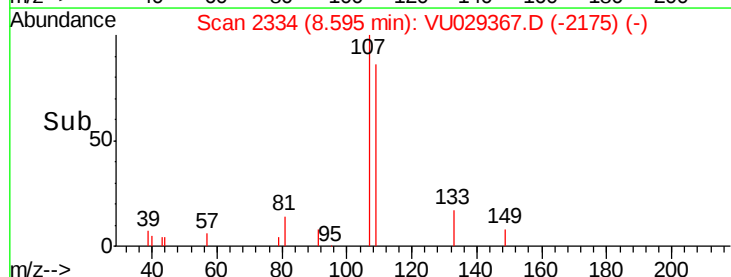
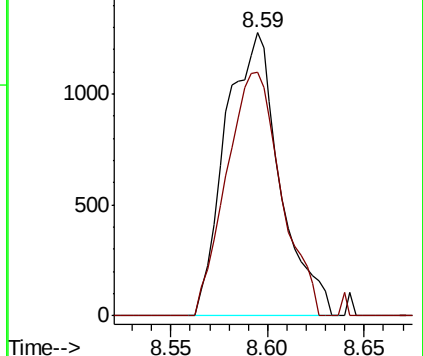
107 100

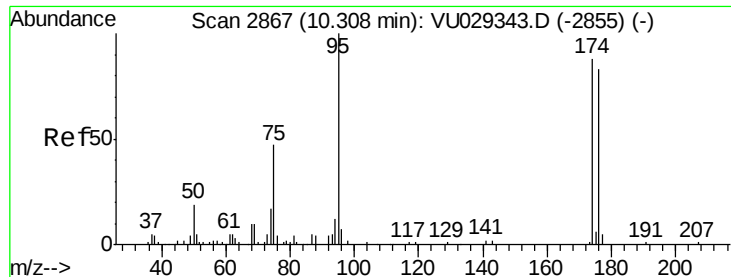
109 86.0 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

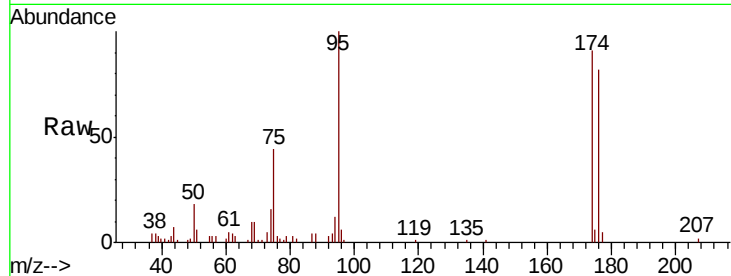
Ion 109.00 (108.70 to 109.70): V



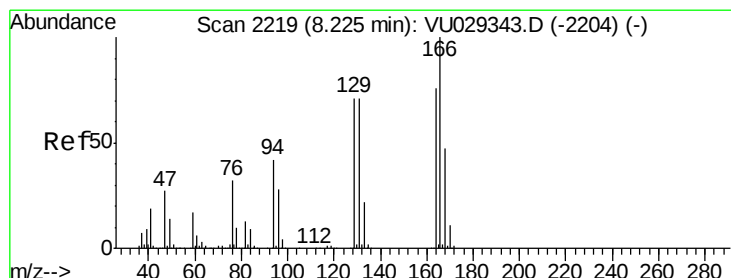
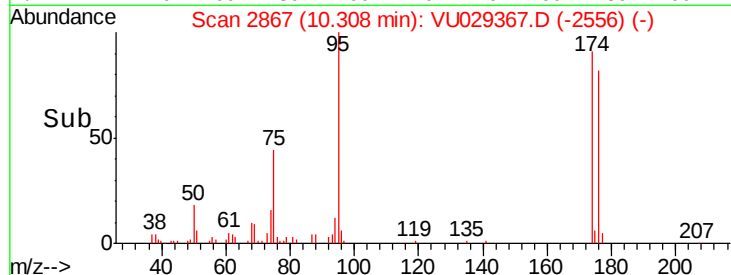
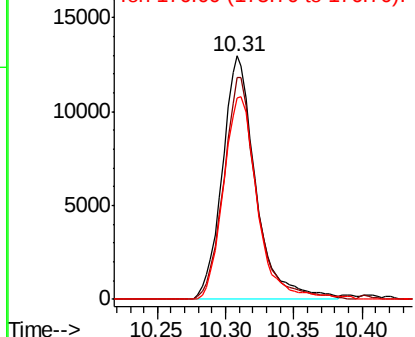


#57
4-Bromofluorobenzene
Concen: 0.209 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 95 Resp: 22078
Ion Ratio Lower Upper
95 100
174 89.5 64.2 96.2
176 84.7 62.3 93.5

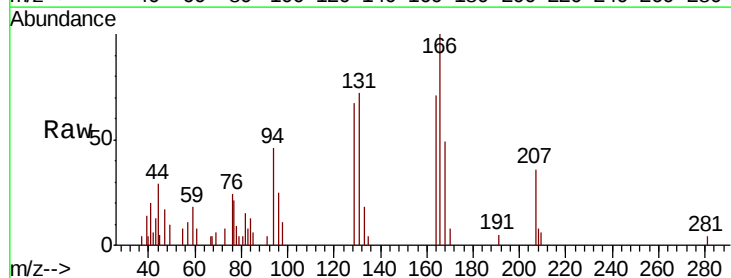


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

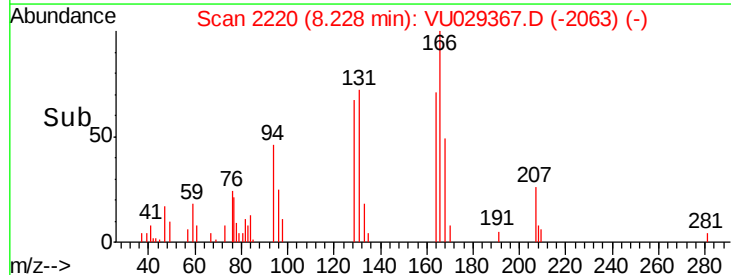
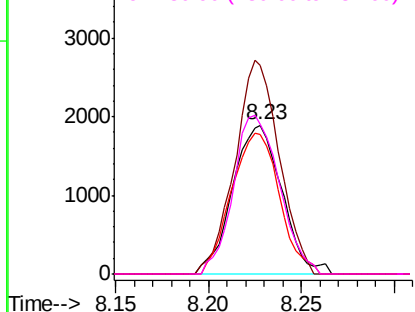


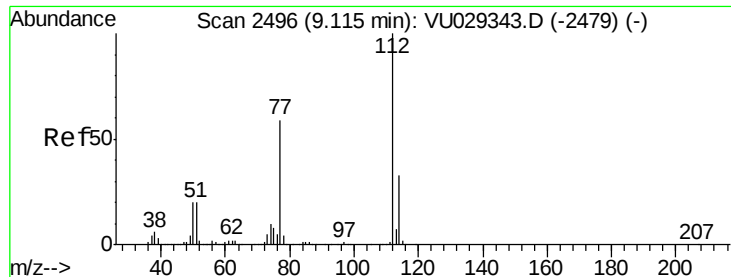
#58
Tetrachloroethene
Concen: 0.206 ug/l
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 164 Resp: 3496
Ion Ratio Lower Upper
164 100
166 140.1 106.6 159.8
129 93.5 79.9 119.9
131 101.1 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 0.193 ug/l

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

Lab File: VU029367.D

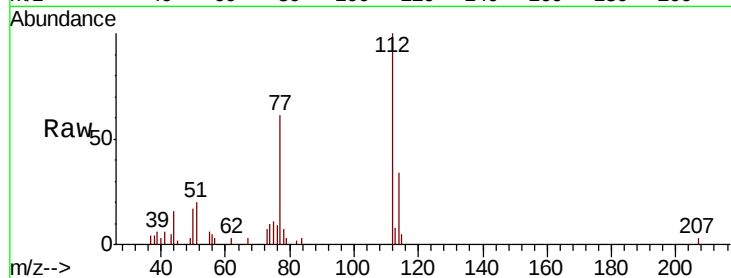
Acq: 07 Feb 2019 12:22

Tgt Ion:112 Resp: 8874

Ion Ratio Lower Upper

112 100

114 34.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

5000

4000

3000

2000

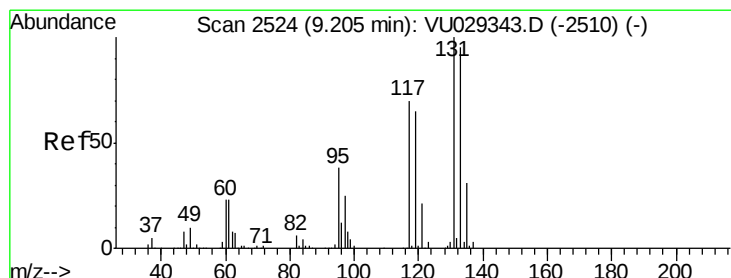
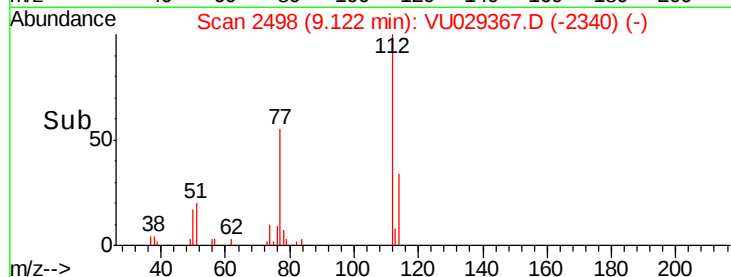
1000

0

9.12

9.10 9.15 9.20

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 0.206 ug/l

RT: 9.21 min Scan# 2525

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

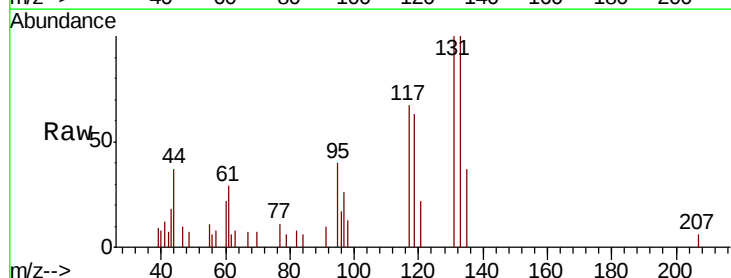
Tgt Ion:131 Resp: 3487

Ion Ratio Lower Upper

131 100

133 97.9 77.3 115.9

119 61.6 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

2500

2000

1500

1000

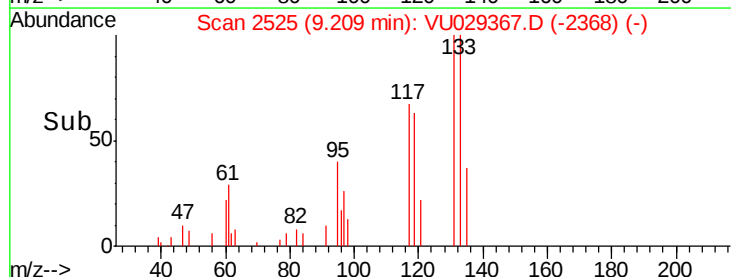
500

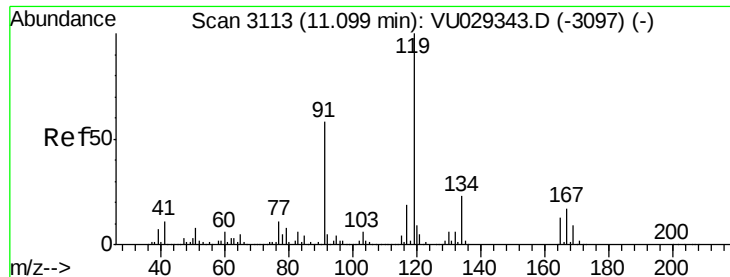
0

9.21

9.15 9.20 9.25

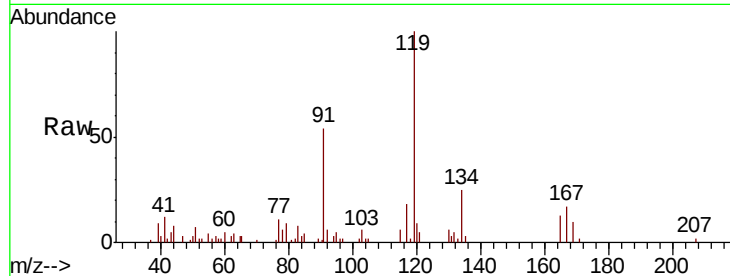
Time-->



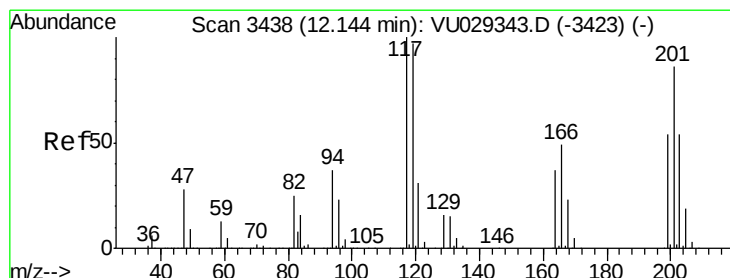
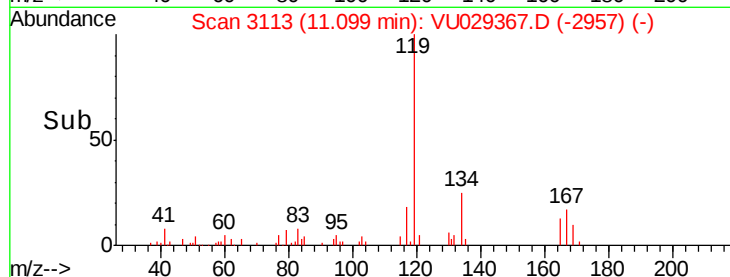
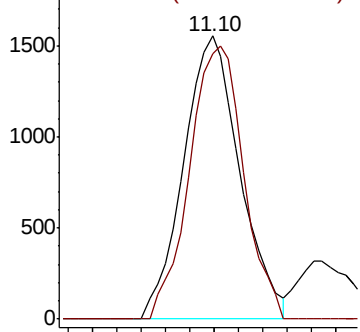


#61
 Pentachloroethane
 Concen: 0.189 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion:117 Resp: 2482
 Ion Ratio Lower Upper
 117 100
 167 92.7 65.9 98.9

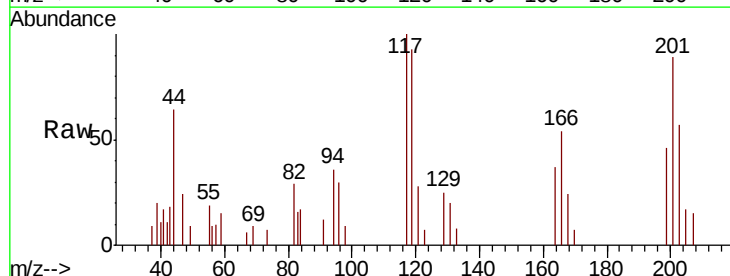


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

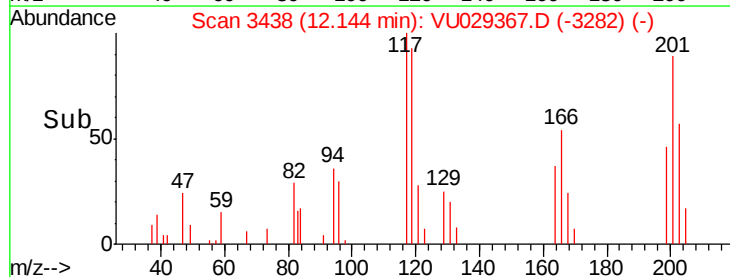
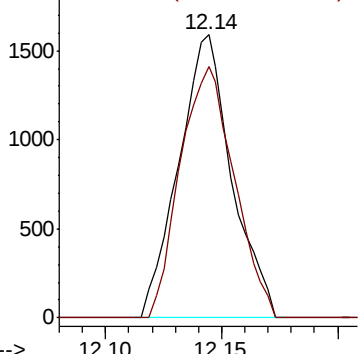


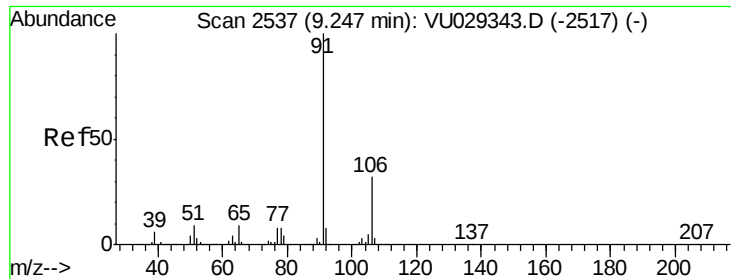
#62
 Hexachloroethane
 Concen: 0.176 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion:117 Resp: 2524
 Ion Ratio Lower Upper
 117 100
 201 90.3 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 0.183 ug/l

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029367.D

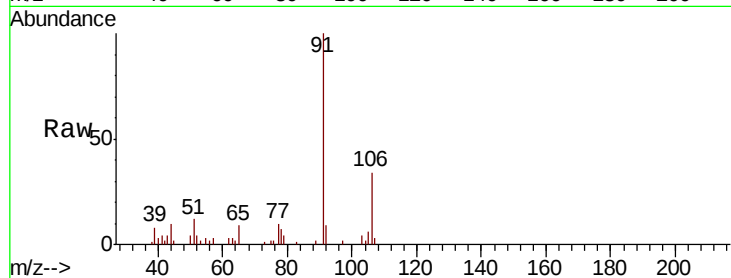
Acq: 07 Feb 2019 12:22

Tgt Ion: 91 Resp: 14569

Ion Ratio Lower Upper

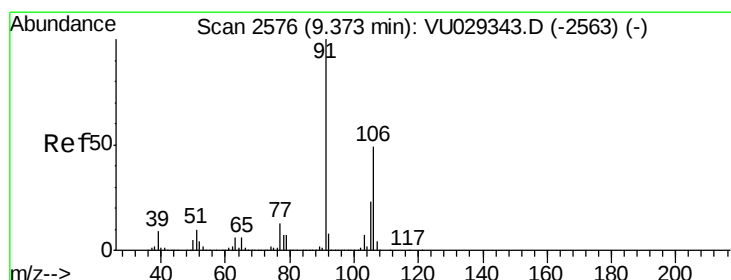
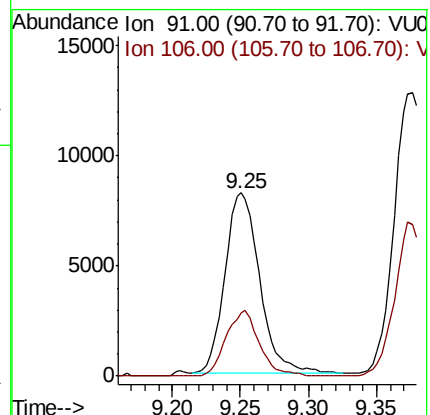
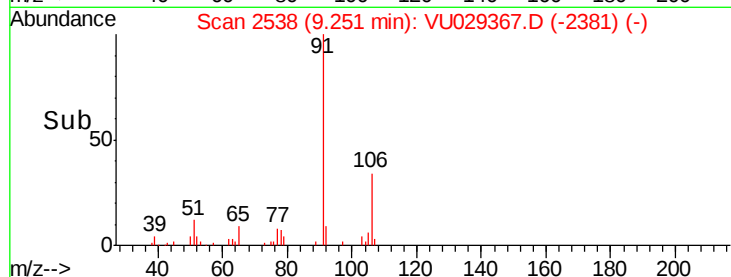
91 100

106 34.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU029343.D (-2517) (-)

Ion 106.00 (105.70 to 106.70): VU029343.D (-2517) (-)



#64

m/p-Xylenes

Concen: 0.392 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029367.D

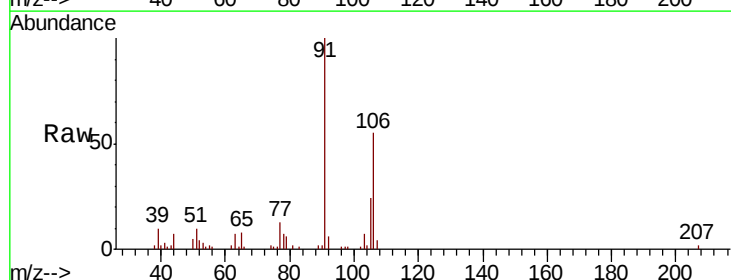
Acq: 07 Feb 2019 12:22

Tgt Ion: 106 Resp: 12146

Ion Ratio Lower Upper

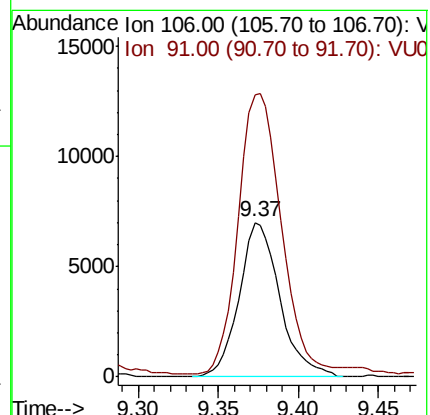
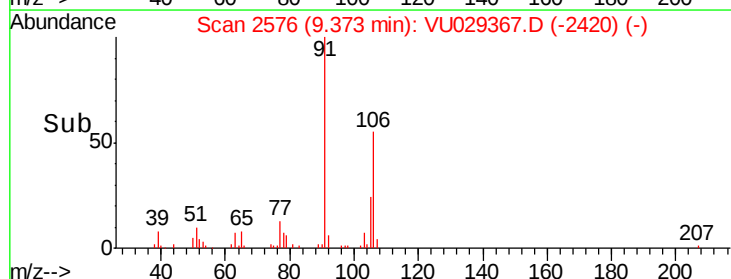
106 100

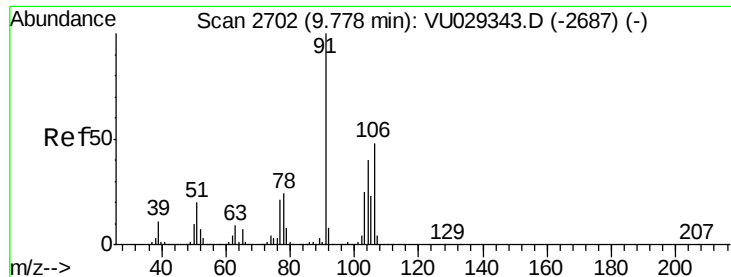
91 191.1 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): VU029343.D (-2563) (-)

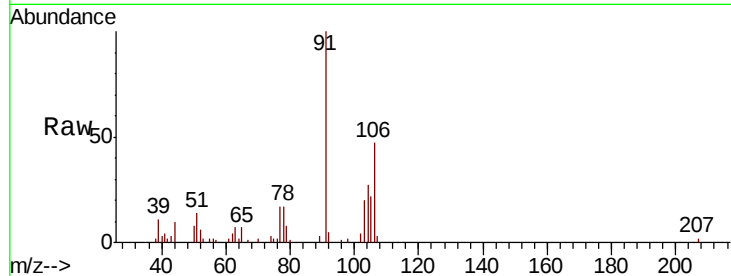
Ion 91.00 (90.70 to 91.70): VU029343.D (-2563) (-)



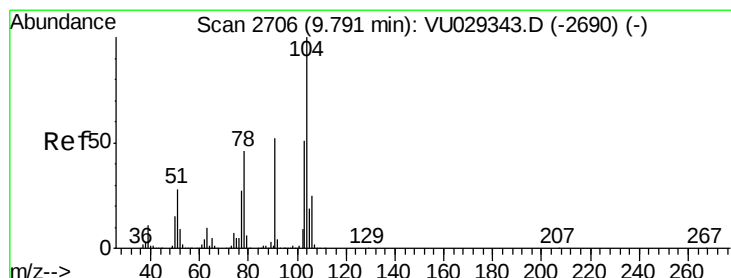
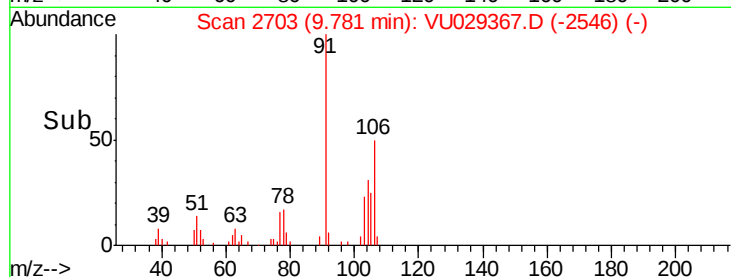
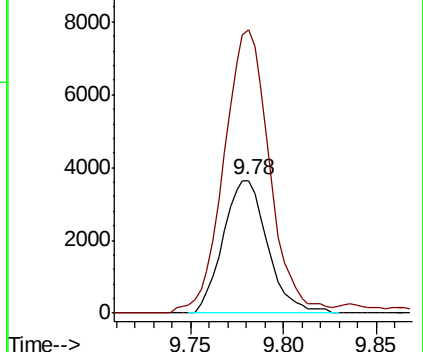


#65
o-Xylene
Concen: 0.199 ug/l
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion:106 Resp: 6045
Ion Ratio Lower Upper
106 100
91 219.6 114.5 343.4

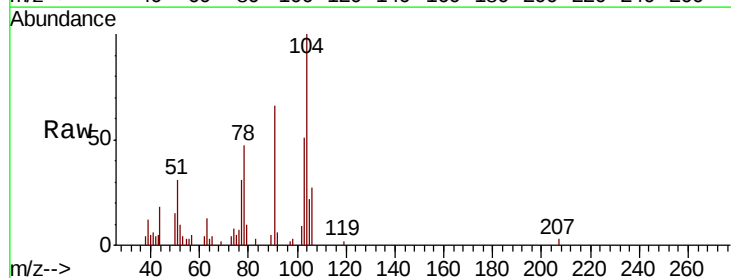


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

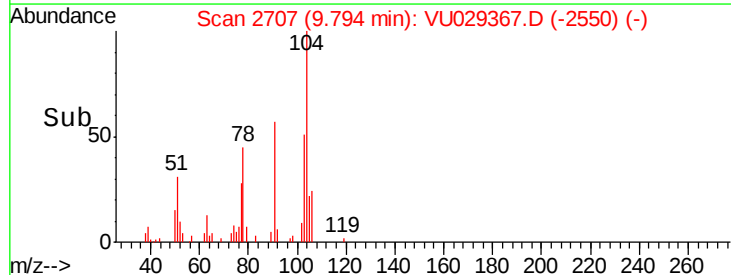
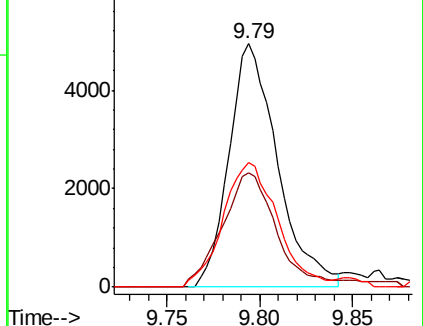


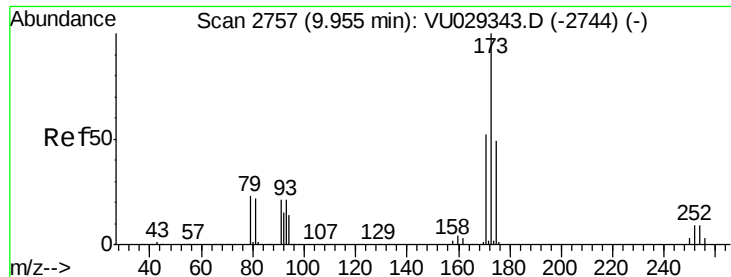
#66
Styrene
Concen: 0.178 ug/l
RT: 9.79 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion:104 Resp: 9026
Ion Ratio Lower Upper
104 100
78 54.8 46.5 69.7
103 57.3 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: 0.178 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

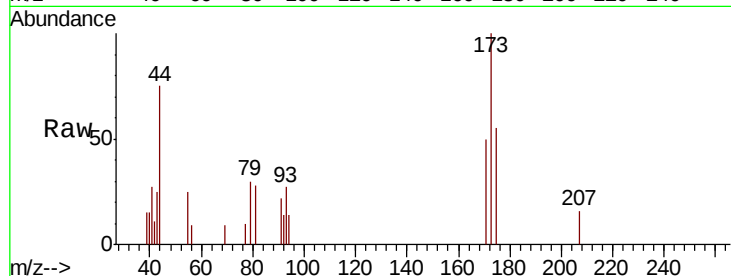
Tgt Ion:173 Resp: 1839

Ion Ratio Lower Upper

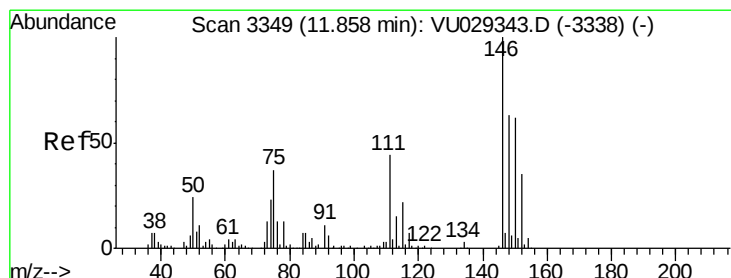
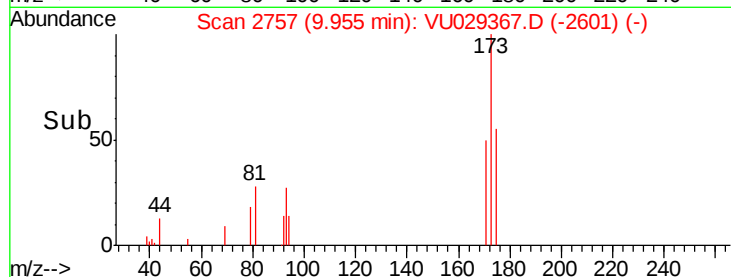
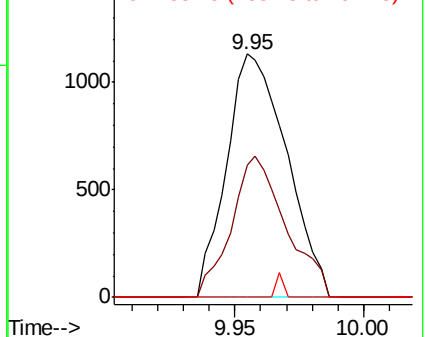
173 100

175 52.6 38.9 58.3

254 1.2 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: 0.178 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

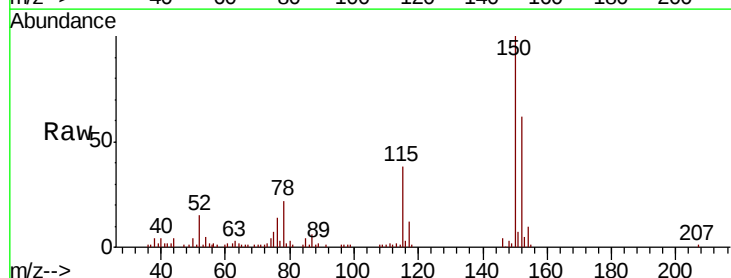
Tgt Ion:152 Resp: 22015

Ion Ratio Lower Upper

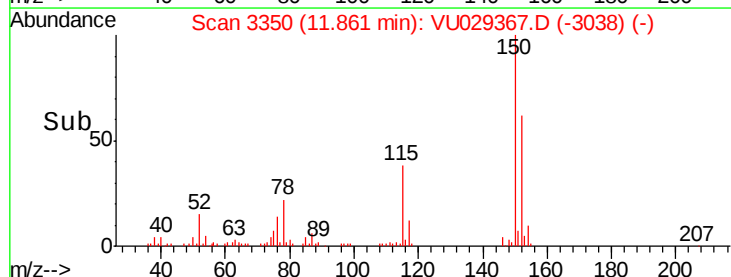
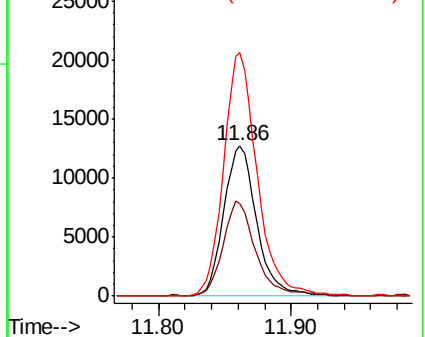
152 100

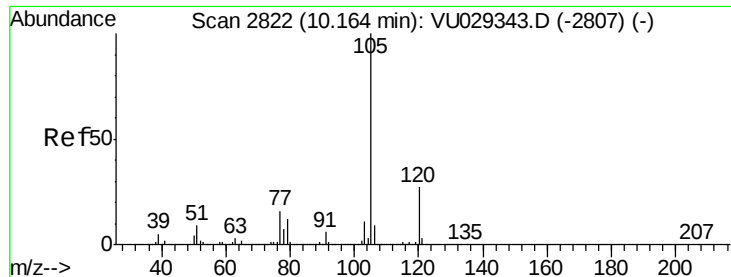
115 62.6 0.0 133.4

150 164.5 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: 0.195 ug/l

RT: 10.17 min Scan# 2823

Delta R.T. 0.00 min

Lab File: VU029367.D

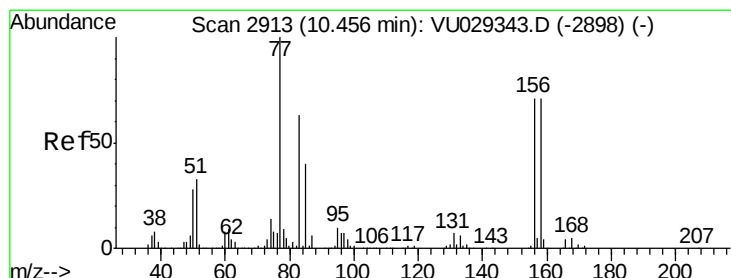
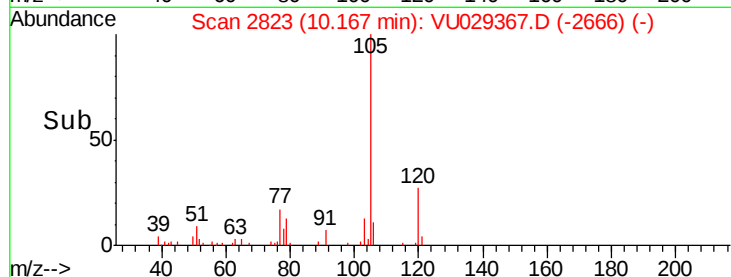
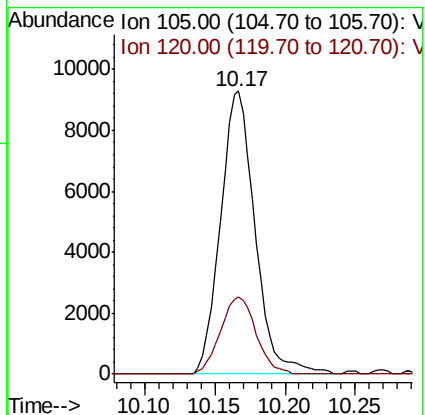
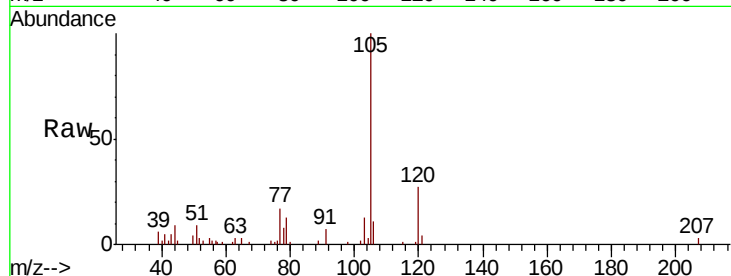
Acq: 07 Feb 2019 12:22

Tgt Ion: 105 Resp: 15838

Ion Ratio Lower Upper

105 100

120 28.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.192 ug/l

RT: 10.46 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

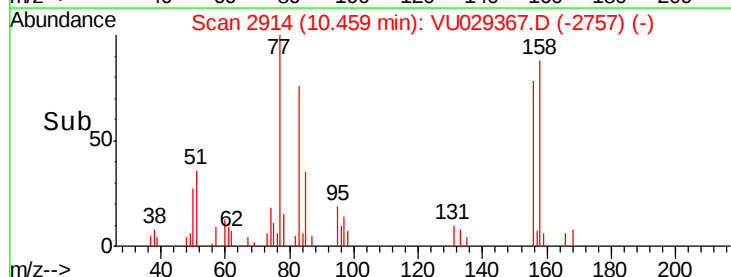
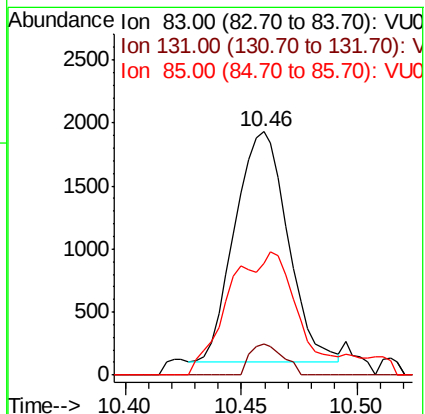
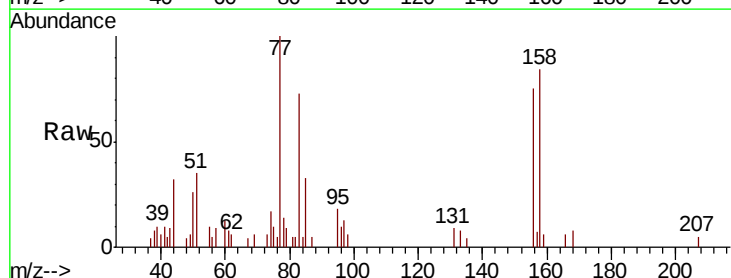
Tgt Ion: 83 Resp: 2878

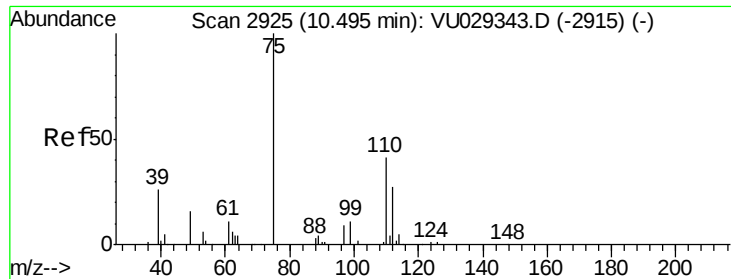
Ion Ratio Lower Upper

83 100

131 8.6 8.1 12.1

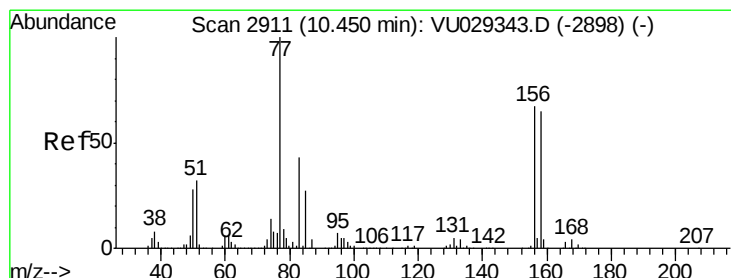
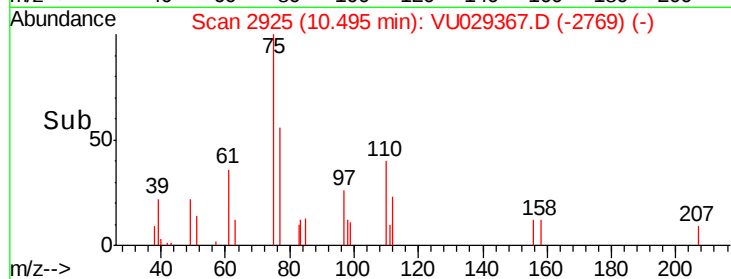
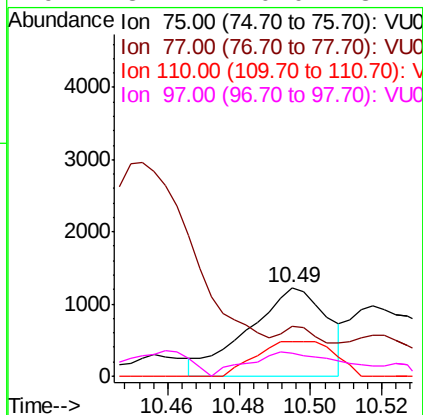
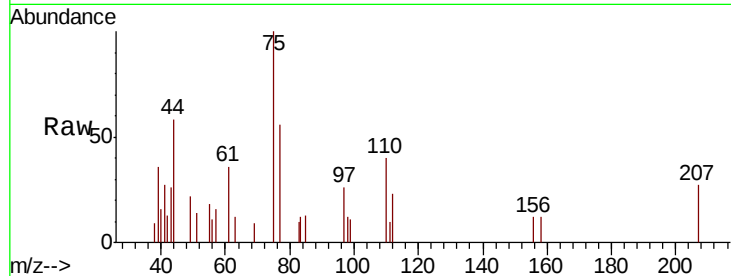
85 69.7 50.3 75.5





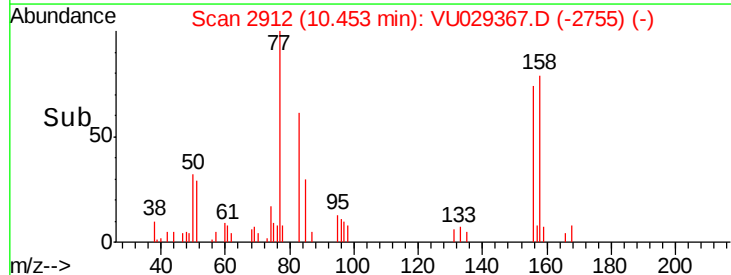
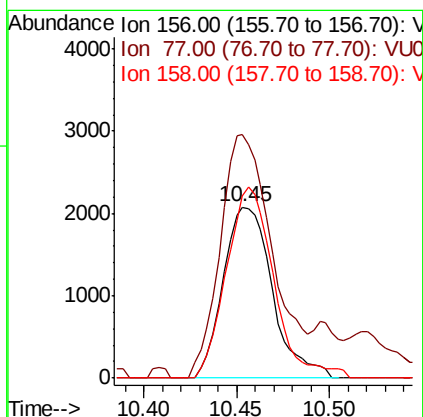
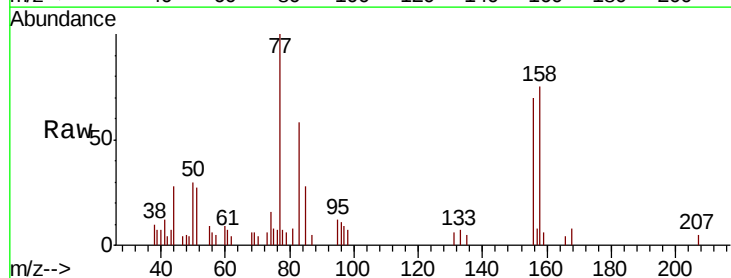
#71
 1,2,3-Trichloropropane
 Concen: 0.181 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

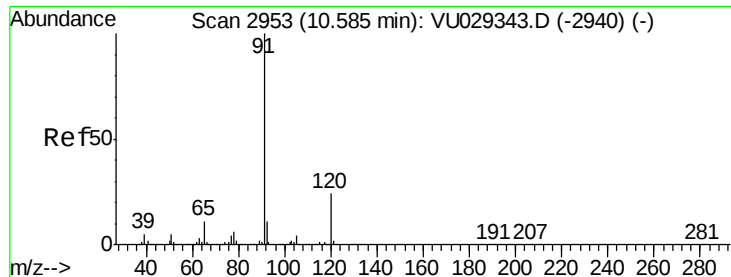
Tgt Ion:	75	Resp:	1864
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.9	0.0	63.6
97	32.2	0.0	31.4#



#72
 Bromobenzene
 Concen: 0.195 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

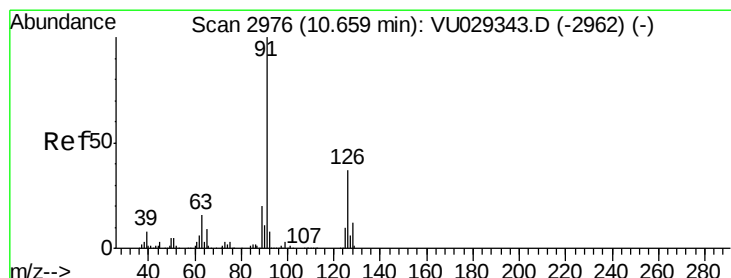
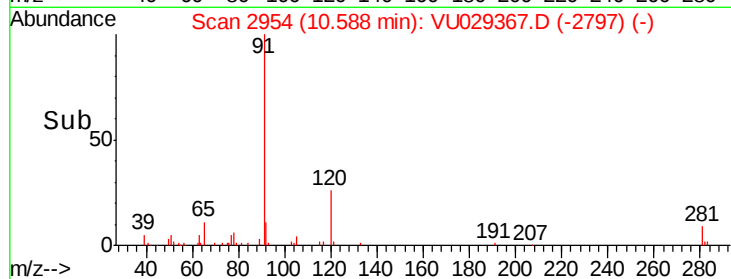
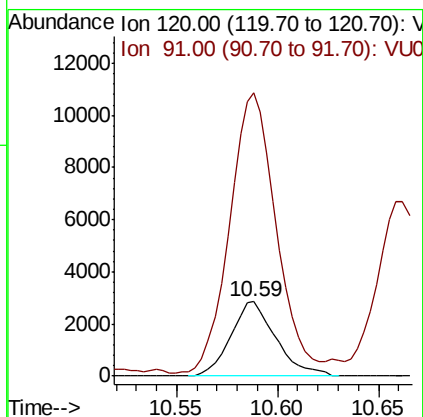
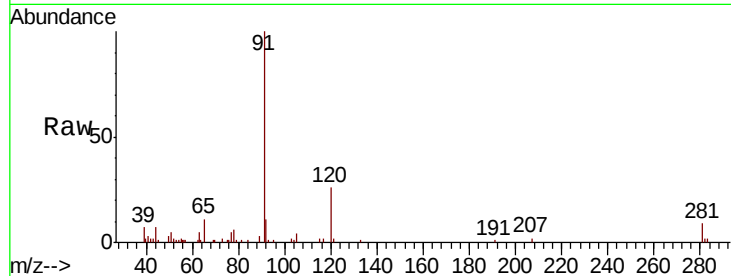
Tgt Ion:	156	Resp:	3829
Ion	Ratio	Lower	Upper
156	100		
77	151.4	0.0	343.8
158	108.2	0.0	195.0





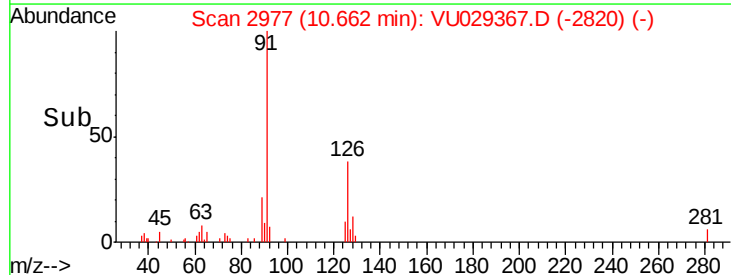
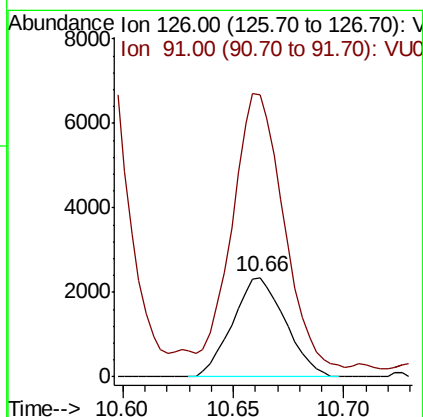
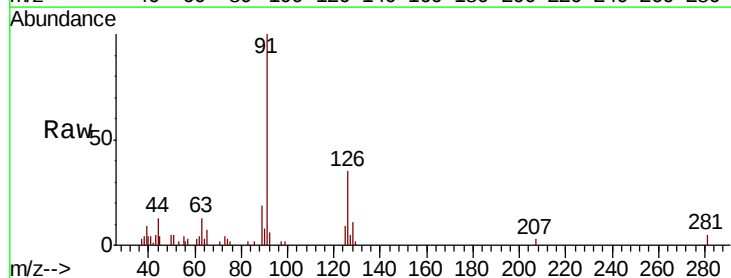
#73
n-propylbenzene
Concen: 0.197 ug/l
RT: 10.59 min Scan# 2954
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

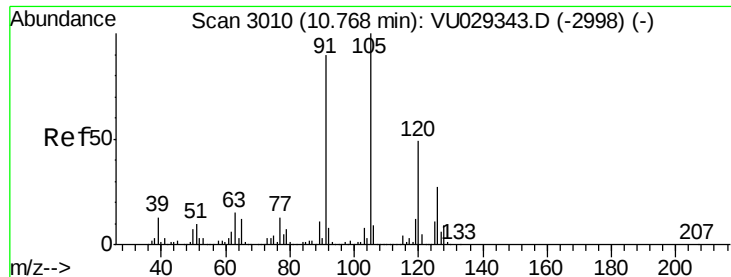
Tgt Ion:120 Resp: 4459
Ion Ratio Lower Upper
120 100
91 387.3 370.0 555.0



#74
2-Chlorotoluene
Concen: 0.203 ug/l
RT: 10.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion:126 Resp: 3904
Ion Ratio Lower Upper
126 100
91 269.6 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 0.184 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029367.D

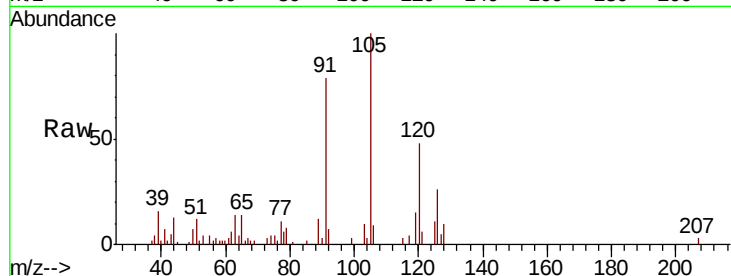
Acq: 07 Feb 2019 12:22

Tgt Ion:105 Resp: 12874

Ion Ratio Lower Upper

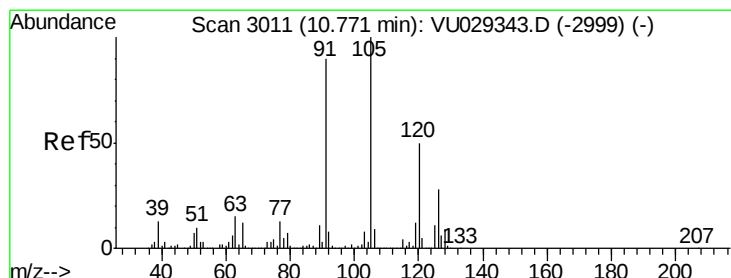
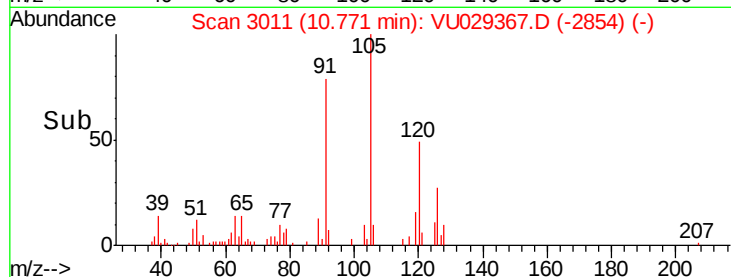
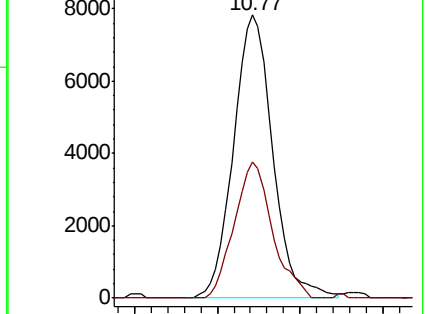
105 100

120 46.5 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: 0.185 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.00 min

Lab File: VU029367.D

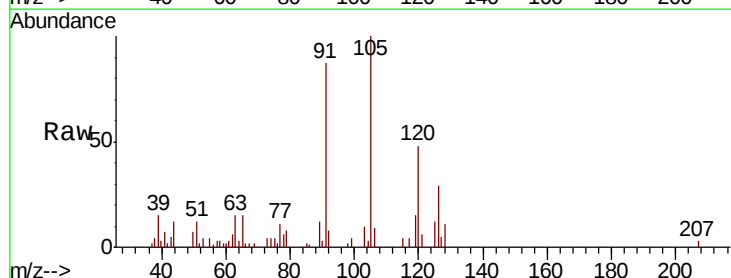
Acq: 07 Feb 2019 12:22

Tgt Ion:126 Resp: 3689

Ion Ratio Lower Upper

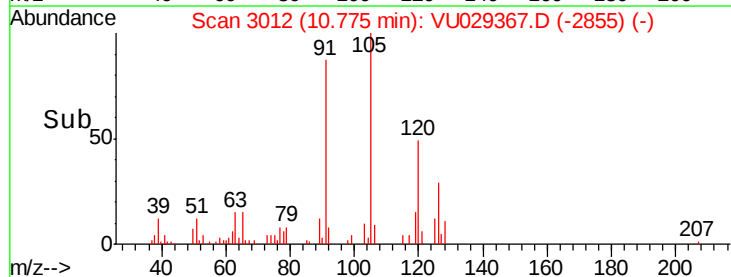
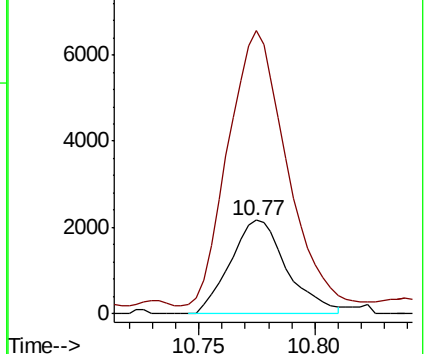
126 100

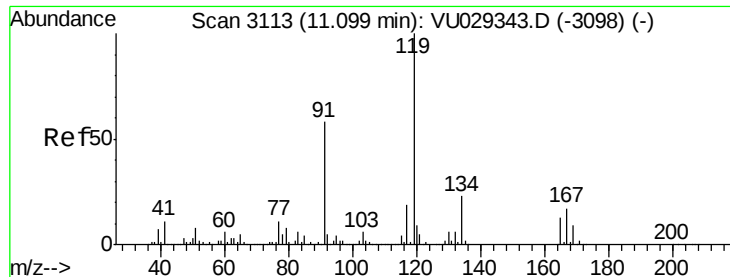
91 302.3 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.199 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

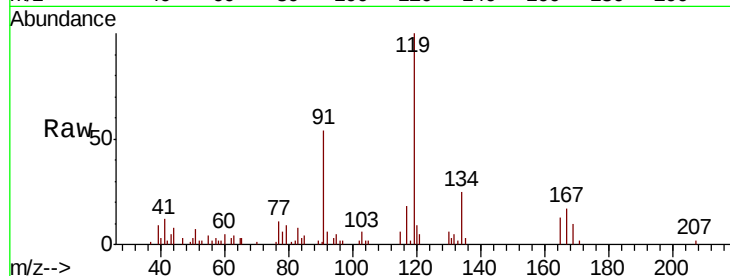
Tgt Ion:119 Resp: 13755

Ion Ratio Lower Upper

119 100

91 56.5 32.2 96.6

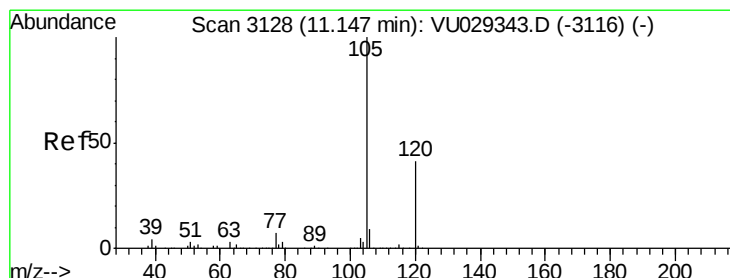
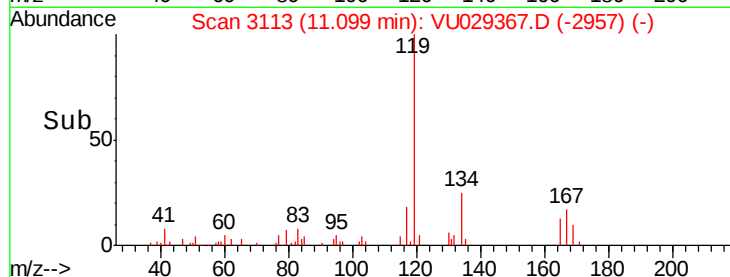
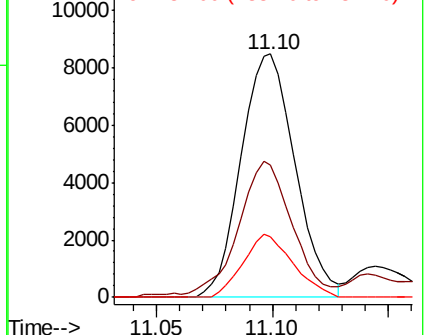
134 23.9 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.198 ug/l

RT: 11.15 min Scan# 3129

Delta R.T. 0.00 min

Lab File: VU029367.D

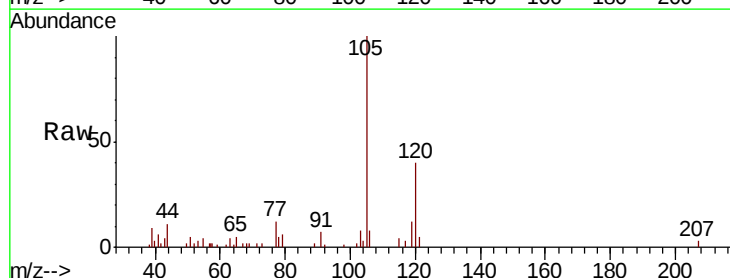
Acq: 07 Feb 2019 12:22

Tgt Ion:105 Resp: 14056

Ion Ratio Lower Upper

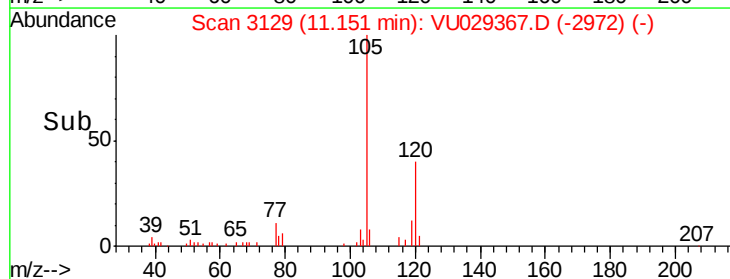
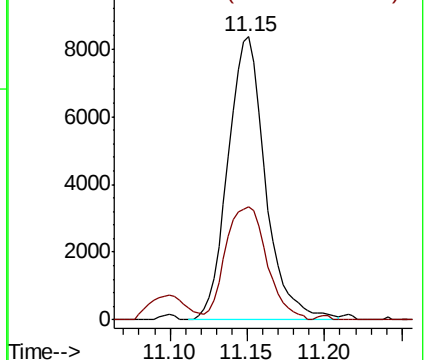
105 100

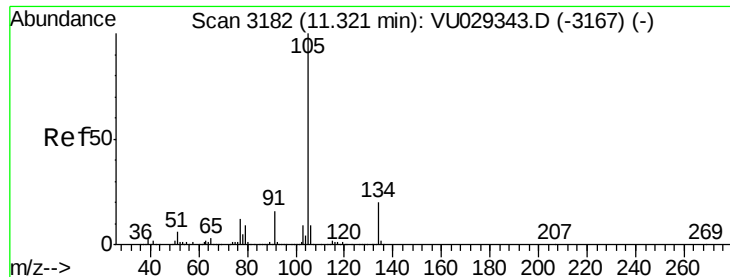
120 44.0 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.186 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029367.D

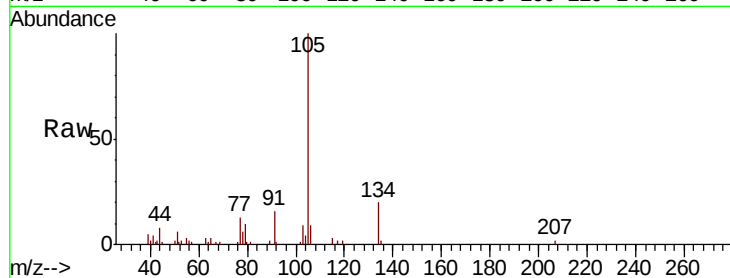
Acq: 07 Feb 2019 12:22

Tgt Ion: 105 Resp: 16832

Ion Ratio Lower Upper

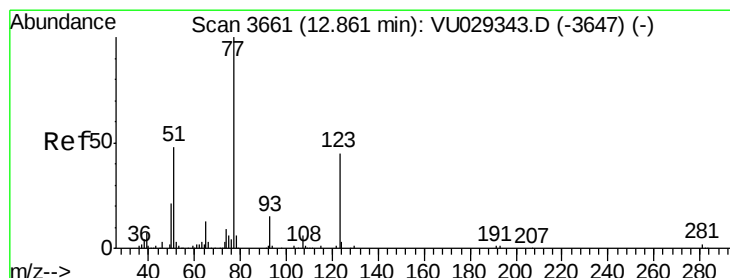
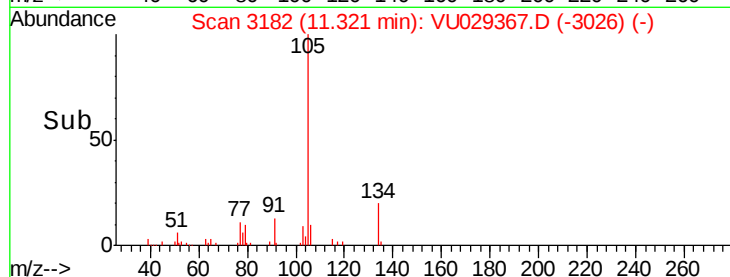
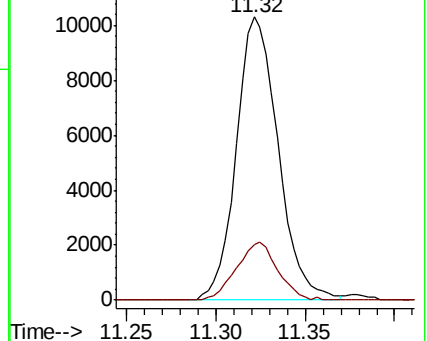
105 100

134 20.1 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: 0.133 ug/l

RT: 12.85 min Scan# 3659

Delta R.T. -0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

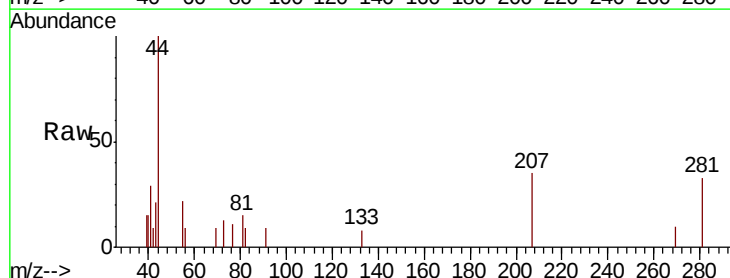
Tgt Ion: 77 Resp: 89

Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

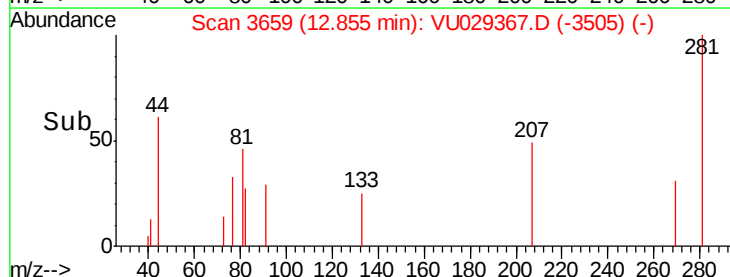
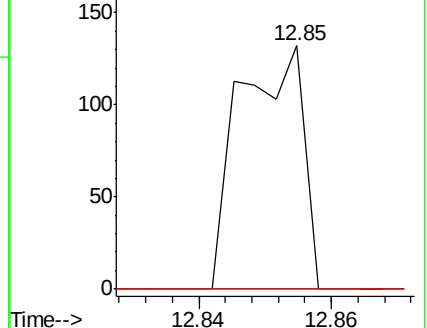
65 0.0 10.8 13.8#

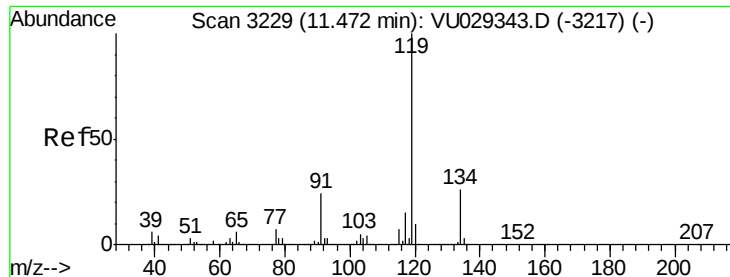


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

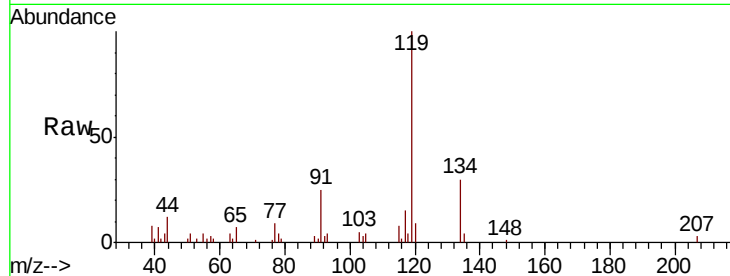
Ion 65.00 (64.70 to 65.70): VU0





#81
 p-Isopropyltoluene
 Concen: 0.182 ug/l
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.8	19.8	29.6
91	27.4	21.5	32.3

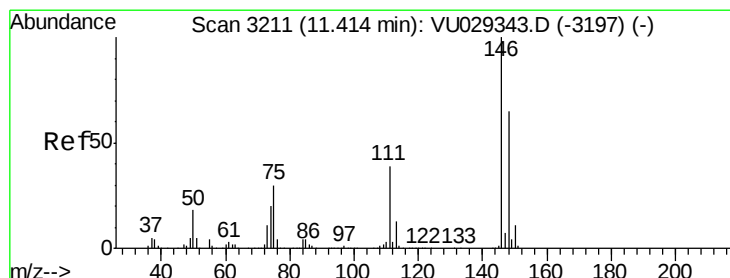
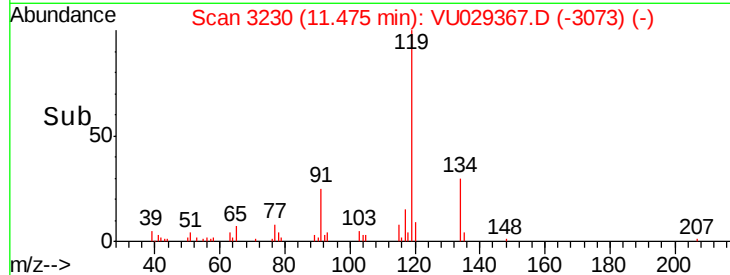
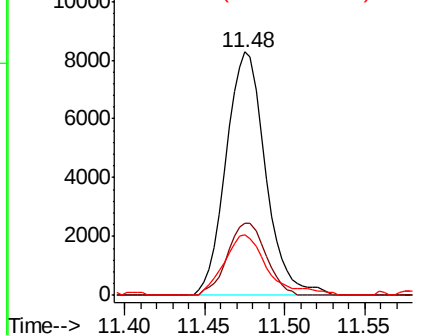


Abundance

Ion 119.00 (118.70 to 119.70): V

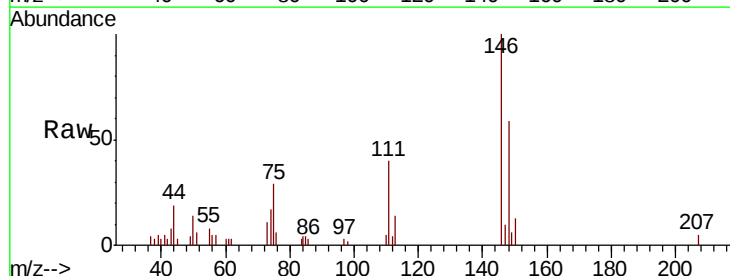
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 0.198 ug/l
 RT: 11.42 min Scan# 3213
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	34.1	51.1
148	65.0	52.3	78.5

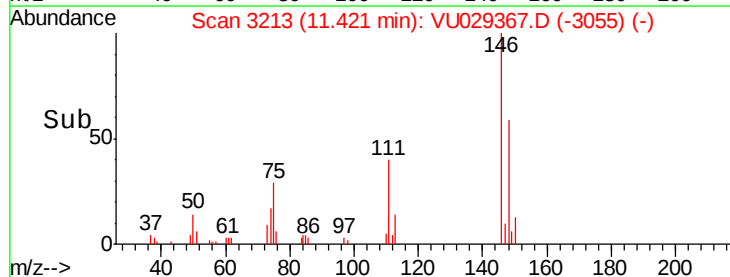
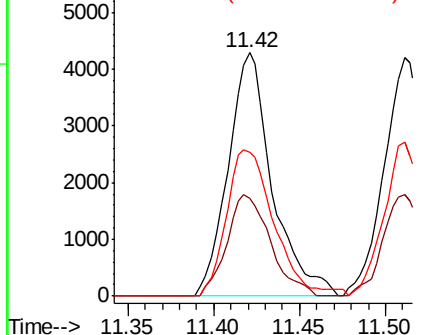


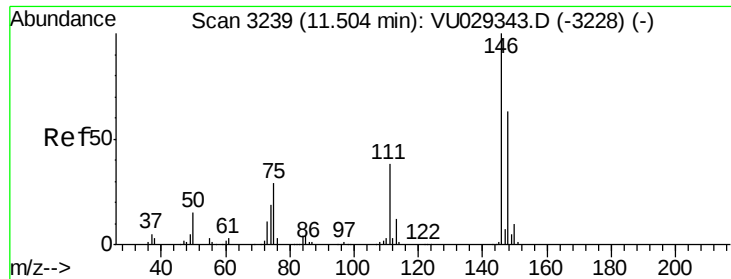
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

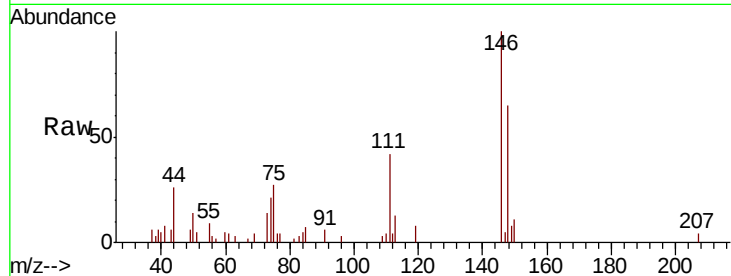
Ion 148.00 (147.70 to 148.70): V



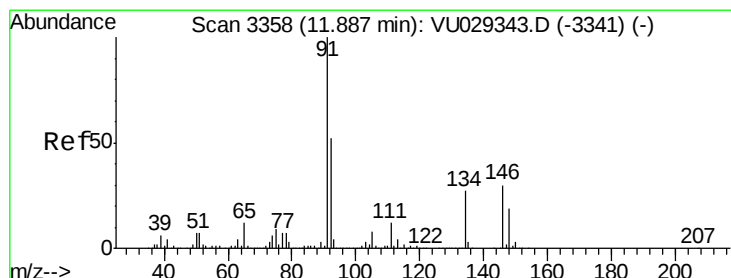
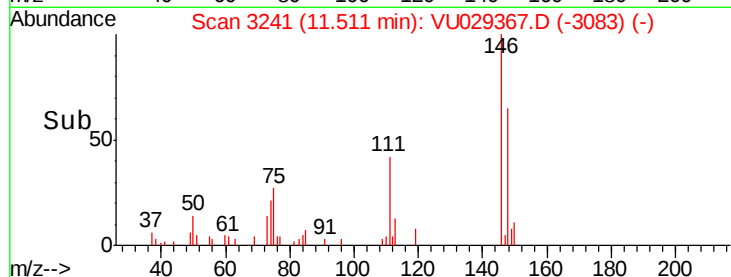
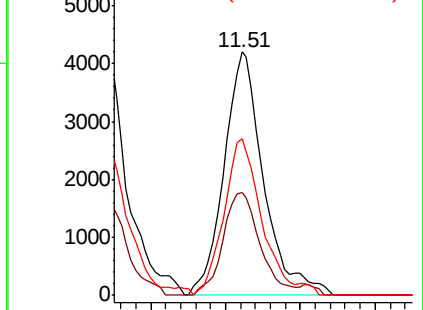


#83
 1,4-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 11.51 min Scan# 3241
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 146 Resp: 7720
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.9 49.3
 148 62.1 51.8 77.6

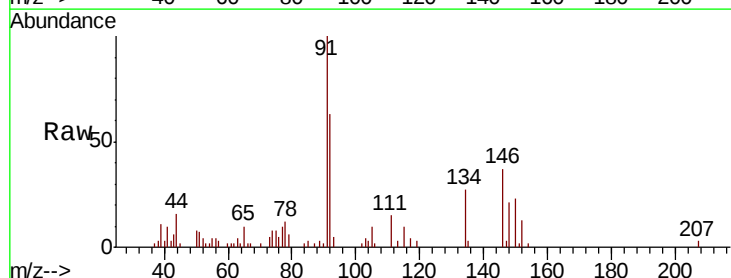


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

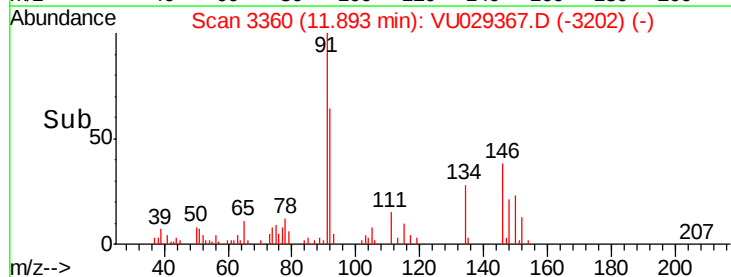
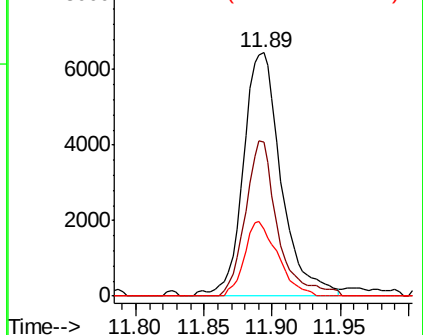


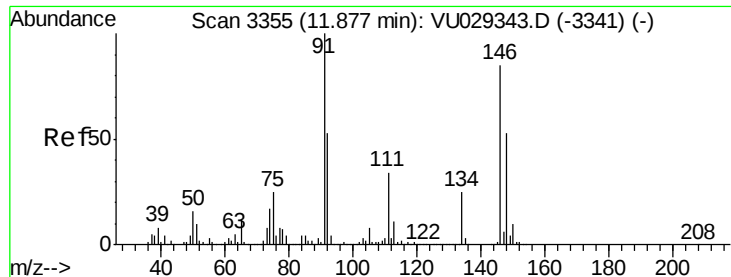
#84
 n-Butylbenzene
 Concen: 0.177 ug/l
 RT: 11.89 min Scan# 3360
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 91 Resp: 12450
 Ion Ratio Lower Upper
 91 100
 92 54.1 41.0 61.6
 134 26.8 19.1 28.7



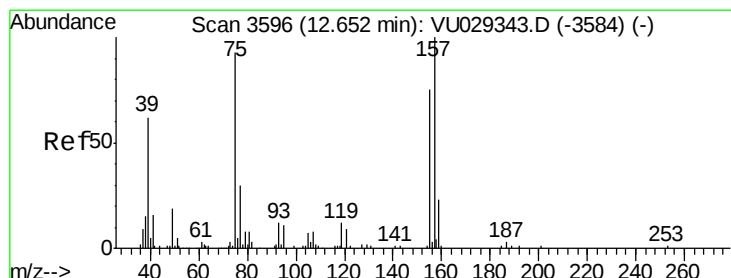
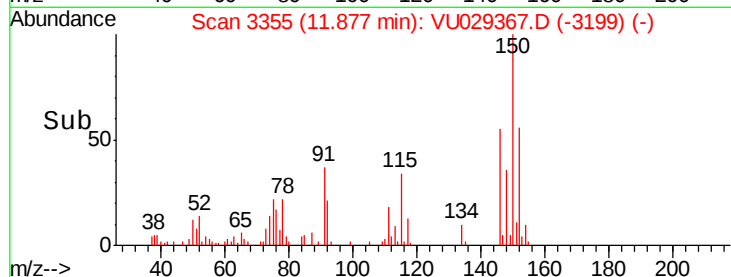
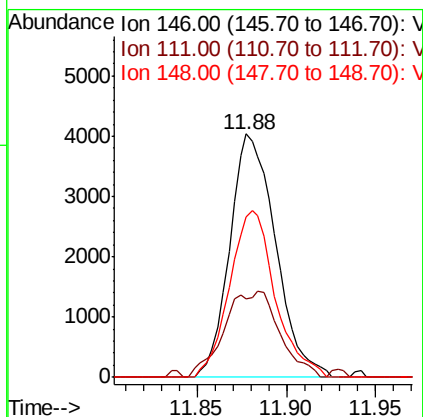
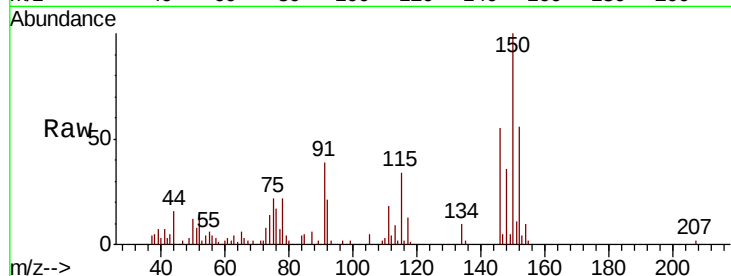
Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





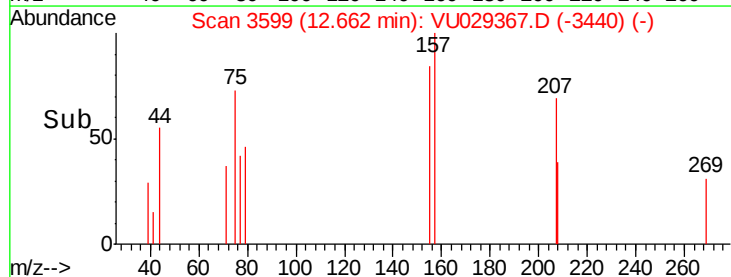
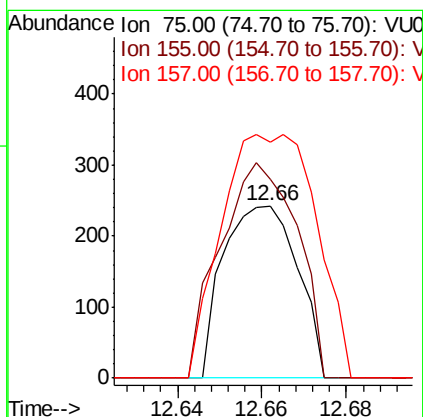
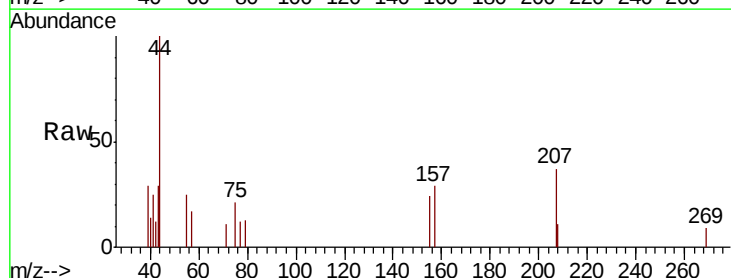
#85
 1,2-Dichlorobenzene
 Concen: 0.198 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

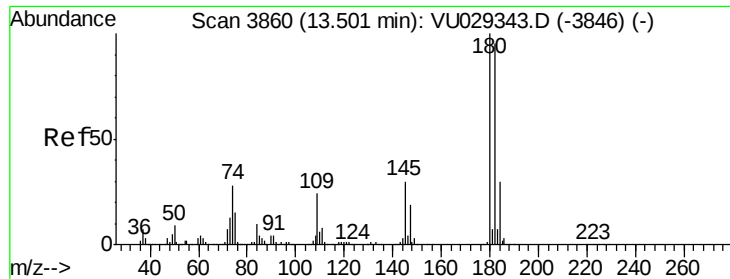
Tgt Ion: 146 Resp: 7237
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.9 65.8
 148 68.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.106 ug/l
 RT: 12.66 min Scan# 3599
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion: 75 Resp: 296
 Ion Ratio Lower Upper
 75 100
 155 129.7 53.8 80.8#
 157 180.4 69.2 103.8#

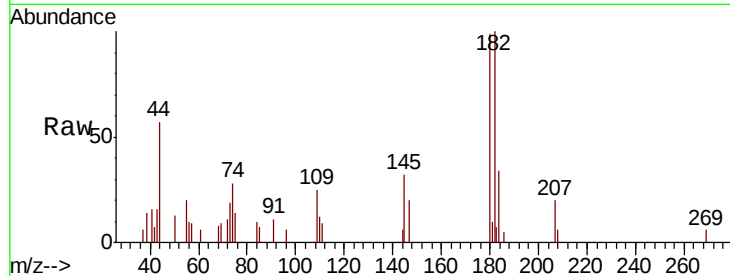




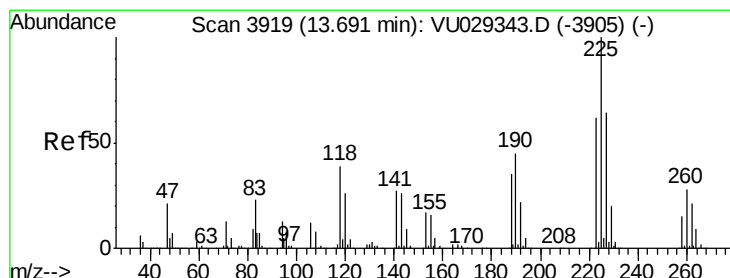
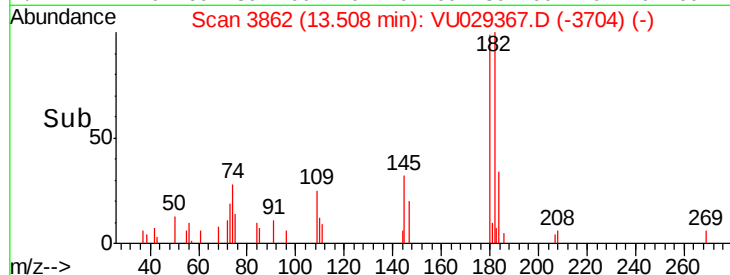
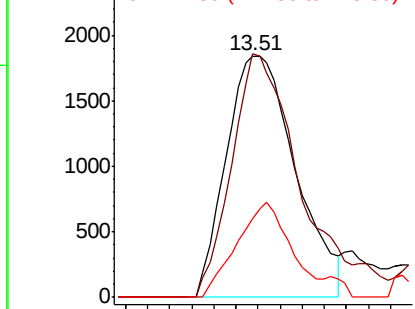
#87

1,2,4-Trichlorobenzene
Concen: 0.156 ug/l
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion:180 Resp: 4009
Ion Ratio Lower Upper
180 100
182 101.5 76.6 114.8
145 31.0 24.6 36.8



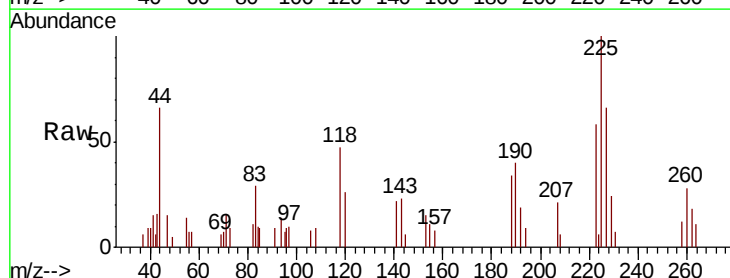
Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



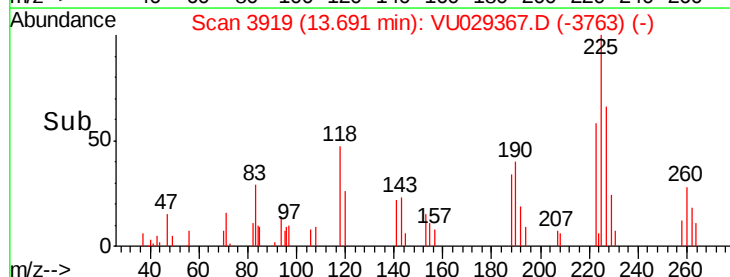
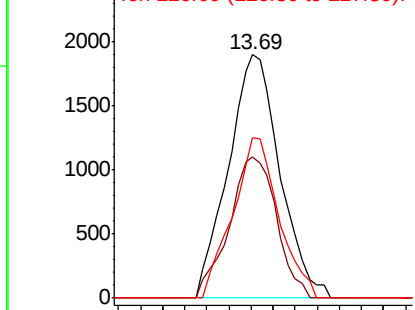
#88

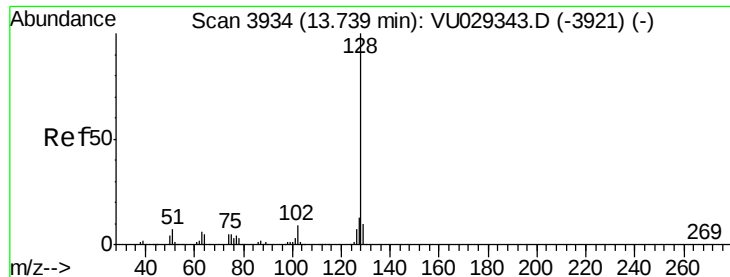
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 13.69 min Scan# 3919
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion:225 Resp: 3081
Ion Ratio Lower Upper
225 100
223 53.4 49.5 74.3
227 58.9 50.4 75.6



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





#89

Naphthalene

Concen: 0.117 ug/l

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

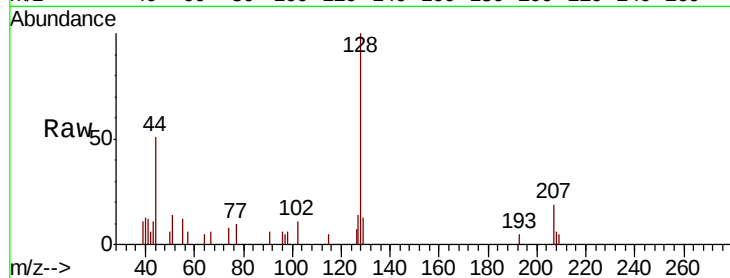
Tgt Ion:128 Resp: 5088

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

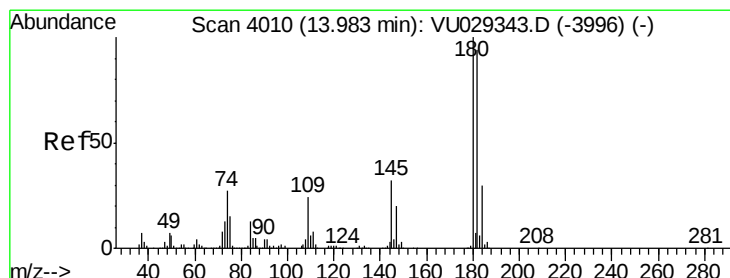
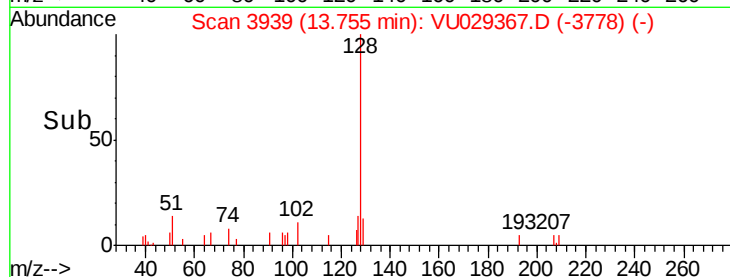
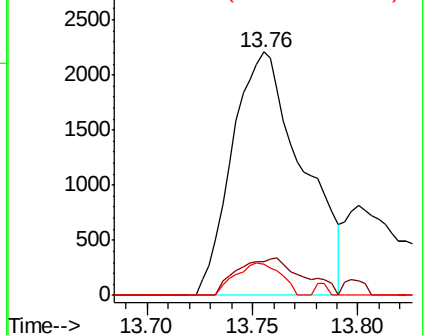
129 8.6 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 0.184 ug/l

RT: 13.99 min Scan# 4012

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

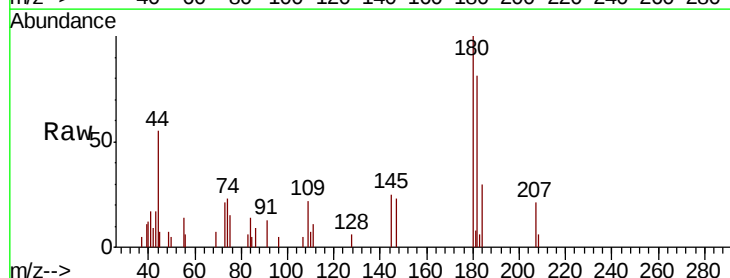
Tgt Ion:180 Resp: 4314

Ion Ratio Lower Upper

180 100

182 89.3 78.0 117.0

145 23.9 26.6 39.8#



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

