

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029370.D
 Acq On : 07 Feb 2019 15:09
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 13:08:06 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

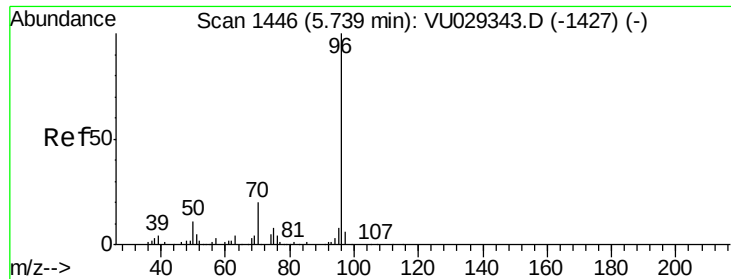
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	56365	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22913	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25995	1.15	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	201575	9.583	ug/l	98
3) Chloromethane	1.33	50	173030	9.002	ug/l	99
4) Vinyl Chloride	1.40	62	217058	9.632	ug/l	99
5) Bromomethane	1.62	94	127096	10.140	ug/l	94
6) Chloroethane	1.70	64	131886	10.018	ug/l	98
7) Trichlorofluoromethane	1.88	101	329976	10.486	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	178529	10.745	ug/l	89
9) 1,1-Dichloroethene	2.28	96	168840	10.384	ug/l	72
10) Iodomethane	2.41	142	257100	10.548	ug/l #	77
11) Allyl Chloride	2.59	41	254401	9.330	ug/l	92
12) Acrylonitrile	2.93	53	70219	19.268	ug/l	98
13) Acetone	2.32	43	155661	44.319	ug/l #	83
14) Carbon Disulfide	2.48	76	576965	10.050	ug/l	100
15) Methylene Chloride	2.70	84	187258	9.498	ug/l #	78
16) trans-1,2-Dichloroethene	2.98	96	190612	10.483	ug/l #	78
17) 1,1-Dichloroethane	3.44	63	335559	11.645	ug/l	97
18) 2-Butanone	4.27	43	190542	48.539	ug/l	96
19) Cyclohexane	4.99	56	239887m	8.979	ug/l	
20) Methylcyclohexane	6.41	83	287113	10.232	ug/l #	84
21) 2,2-Dichloropropane	4.22	77	261753	9.814	ug/l #	91
22) cis-1,2-Dichloroethene	4.22	96	185099	10.806	ug/l	75
23) Diethyl Ether	2.10	59	126980	9.725	ug/l	87
24) tert-Butyl Alcohol	2.83	59	133536	98.410	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	462848	10.109	ug/l #	86
26) Bromochloromethane	4.54	128	81752	10.805	ug/l	72
27) Chloroform	4.67	83	293306	10.467	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	270013	10.396	ug/l	95
29) 1,1-Dichloropropene	5.13	75	225881	10.018	ug/l	91
30) Carbon Tetrachloride	5.13	117	253784	10.793	ug/l	100
31) Isopropyl Ether	3.57	45	503801	11.587	ug/l	91
32) Ethyl-t-butyl ether	4.07	59	428299	9.830	ug/l	88
33) Tert-Amyl methyl ether	5.58	73	400991	10.178	ug/l	98
34) Propionitrile	4.33	54	53609	51.954	ug/l #	92
35) Benzene	5.38	78	639204	10.252	ug/l	98
36) 1,2-Dichloroethane	5.40	62	184895	9.804	ug/l #	90
37) Trichloroethene	6.18	130	197292	11.026	ug/l	87
38) 1,2-Dichloropropane	6.43	63	159701	9.846	ug/l	99
39) Methacrylonitrile	4.54	41	49648	9.396	ug/l #	86
40) Methyl acrylate	4.42	55	80052	10.036	ug/l #	91
41) Tetrahydrofuran	4.65	42	47394	17.806	ug/l #	80
42) 1-Chlorobutane	5.06	56	290906	9.630	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029370.D
 Acq On : 07 Feb 2019 15:09
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 13:08:06 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)
43) Dibromomethane	6.56	93	89092	10.307	ug/l	90
44) Bromodichloromethane	6.75	83	224675	10.201	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	479799	47.352	ug/l #	90
46) t-1,4-Dichloro-2-butene	10.51	75	96387m	19.525	ug/l	
47) Methyl methacrylate	6.62	69	157572	20.719	ug/l #	73
48) Ethyl methacrylate	8.02	69	168290	10.315	ug/l	77
49) Toluene	7.63	92	414159	10.380	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	217024	10.052	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	260147	10.143	ug/l #	86
52) 1,1,2-Trichloroethane	8.06	97	124157	10.850	ug/l	98
53) 1,3-Dichloropropane	8.24	76	205989	10.247	ug/l	98
54) 2-Hexanone	8.36	43	337662	47.541	ug/l	87
55) Dibromochloromethane	8.47	129	174297	10.716	ug/l	99
56) 1,2-Dibromoethane	8.59	107	121046	10.310	ug/l	99
58) Tetrachloroethene	8.22	164	188523	11.323	ug/l	92
59) Chlorobenzene	9.12	112	487884	10.854	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	180744	10.883	ug/l	98
61) Pentachloroethane	11.10	117	139654	10.849	ug/l	84
62) Hexachloroethane	12.14	117	156069	11.109	ug/l	95
63) Ethyl Benzene	9.25	91	819360	10.497	ug/l	95
64) m/p-Xylenes	9.37	106	655254	21.601	ug/l	86
65) o-Xylene	9.78	106	320693	10.770	ug/l	86
66) Styrene	9.79	104	539623	10.872	ug/l	92
67) Bromoform	9.95	173	109662	10.838	ug/l	98
69) Isopropylbenzene	10.16	105	852384	10.715	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.46	83	153319	10.454	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	109506m	10.872	ug/l	
72) Bromobenzene	10.45	156	222667	11.548	ug/l	82
73) n-propylbenzene	10.58	120	247994	11.193	ug/l	75
74) 2-Chlorotoluene	10.66	126	210656	11.165	ug/l	73
75) 1,3,5-Trimethylbenzene	10.77	105	726363	10.591	ug/l	95
76) 4-Chlorotoluene	10.77	126	217246	11.094	ug/l	76
77) tert-Butylbenzene	11.10	119	737828	10.884	ug/l	91
78) 1,2,4-Trimethylbenzene	11.14	105	737653	10.624	ug/l	94
79) sec-Butylbenzene	11.32	105	950888	10.720	ug/l	95
80) Nitrobenzene	12.86	77	30790	47.119	ug/l #	88
81) p-Isopropyltoluene	11.47	119	826721	10.995	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	429646	11.357	ug/l	97
83) 1,4-Dichlorobenzene	11.50	146	431577	11.455	ug/l	96
84) n-Butylbenzene	11.89	91	733898	10.636	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	400640	11.201	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	26693	9.752	ug/l #	58
87) 1,2,4-Trichlorobenzene	13.50	180	301053	11.983	ug/l	99
88) Hexachlorobutadiene	13.69	225	175942	12.092	ug/l	99
89) Naphthalene	13.74	128	496291	11.648	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	269594	11.741	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

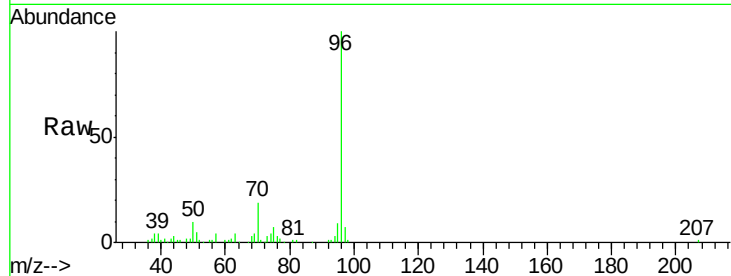
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tot Ion: 96 Resp: 56365

Ion	Ratio	Lower	Upper
96	100		
70	18.5	16.2	24.2
95	10.4	7.4	11.2
97	0.0	0.0	0.0

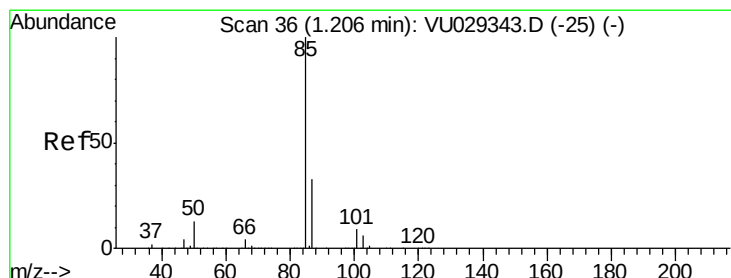
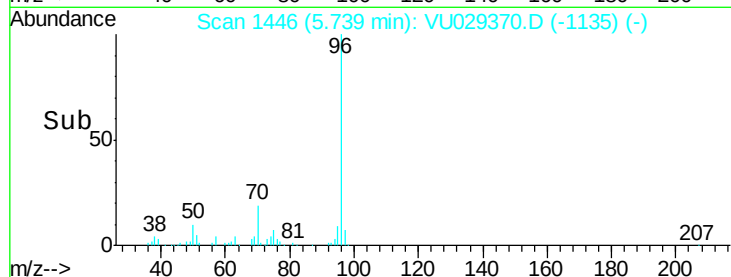
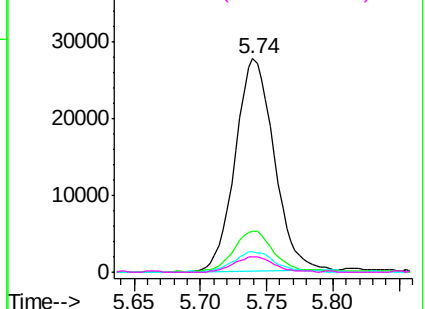


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.583 ug/l

RT: 1.21 min Scan# 36

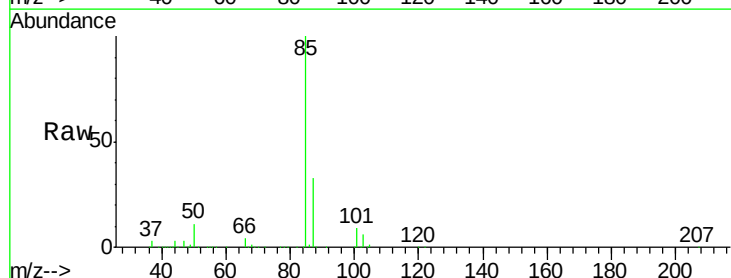
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

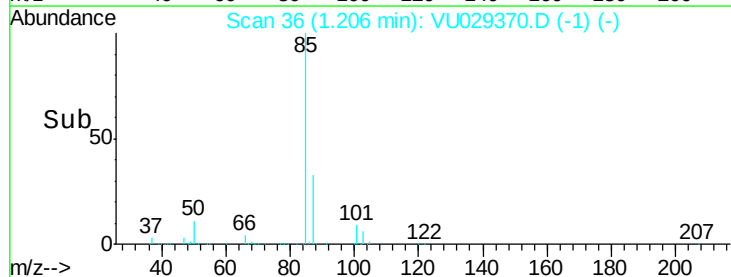
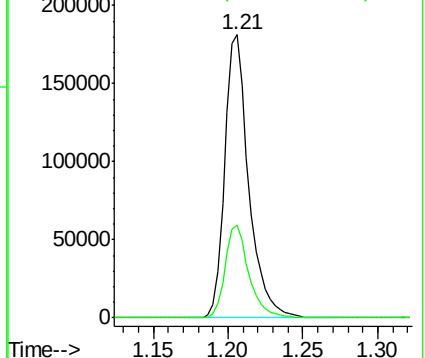
Tgt Ion: 85 Resp: 201575

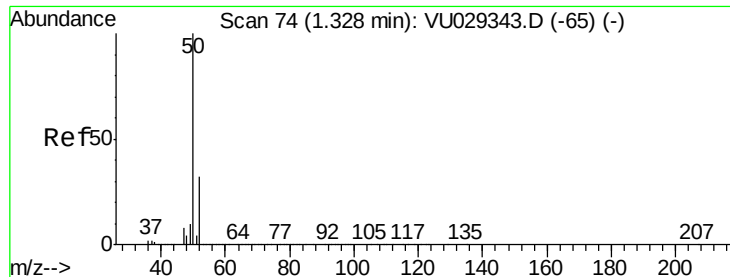
Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.002 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029370.D

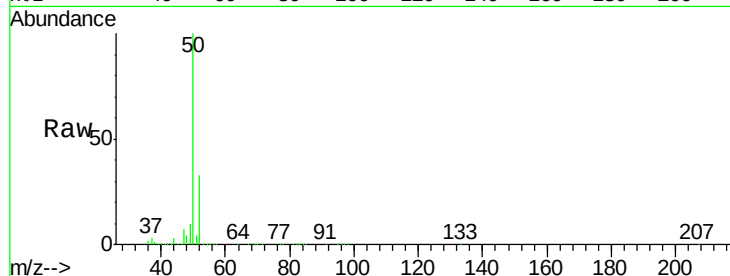
Acq: 07 Feb 2019 15:09

Tot Ion: 50 Resp: 173030

Ion Ratio Lower Upper

50 100

52 33.5 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

200000

150000

100000

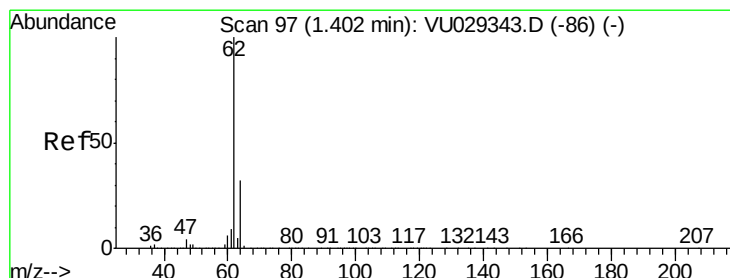
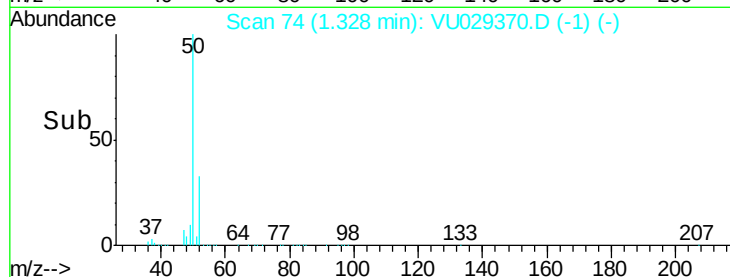
50000

0

1.33

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 9.632 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029370.D

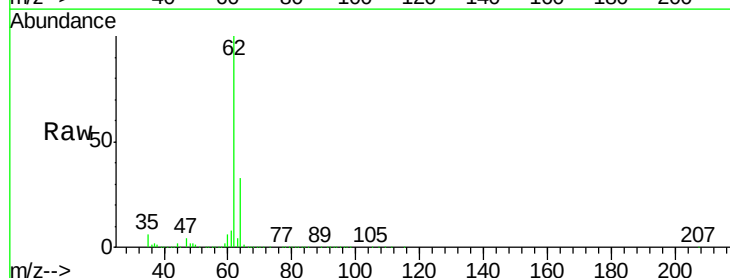
Acq: 07 Feb 2019 15:09

Tgt Ion: 62 Resp: 217058

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

200000

150000

100000

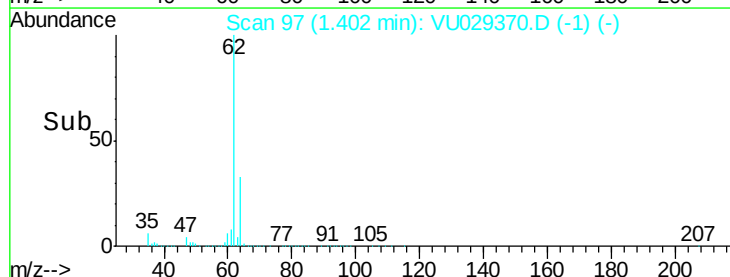
50000

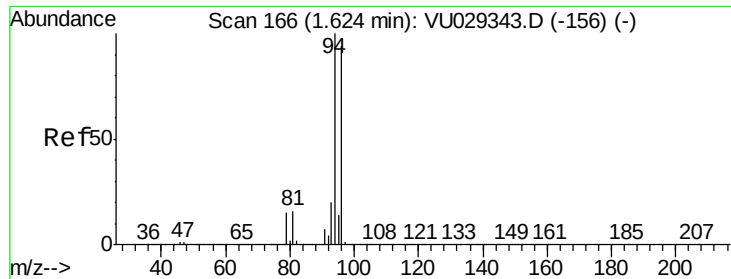
0

1.40

1.35 1.45 1.50

Time-->





#5

Bromomethane

Concen: 10.140 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU029370.D

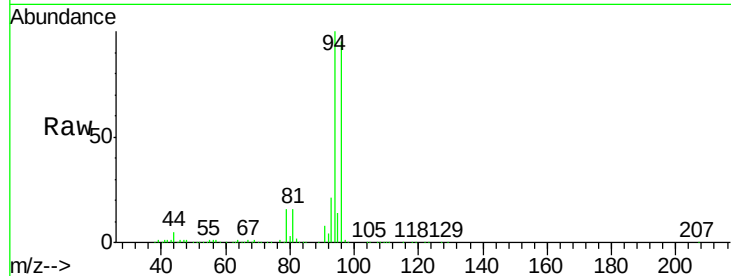
Acq: 07 Feb 2019 15:09

Tot Ion: 94 Resp: 127096

Ion Ratio Lower Upper

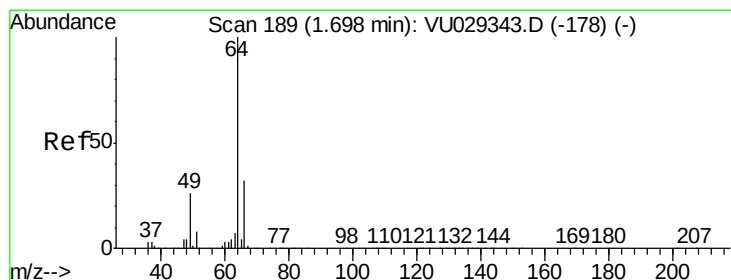
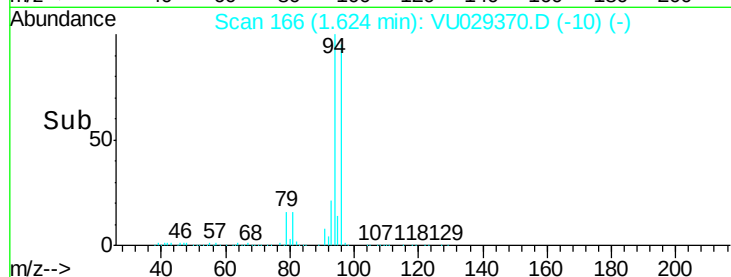
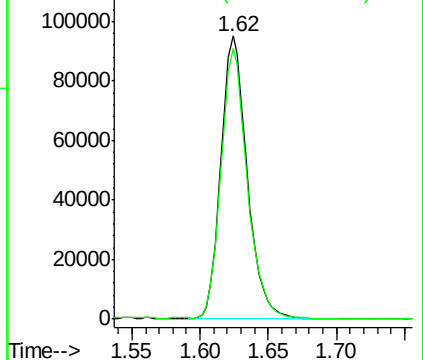
94 100

96 95.3 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 10.018 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029370.D

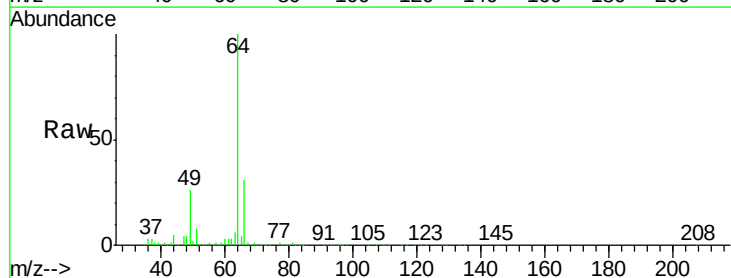
Acq: 07 Feb 2019 15:09

Tgt Ion: 64 Resp: 131886

Ion Ratio Lower Upper

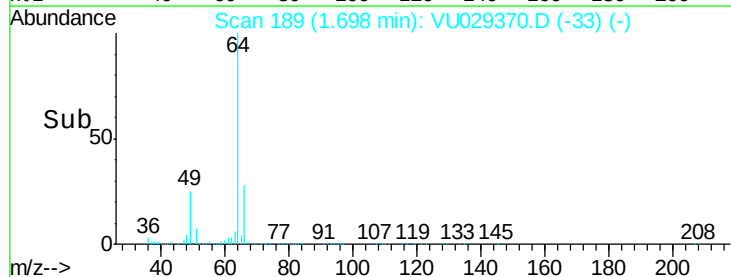
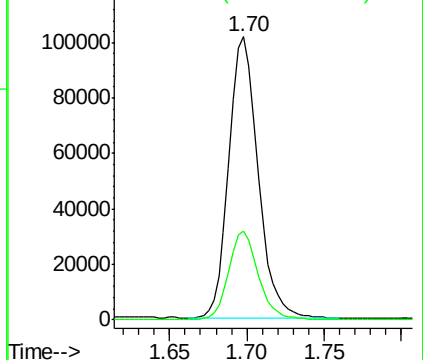
64 100

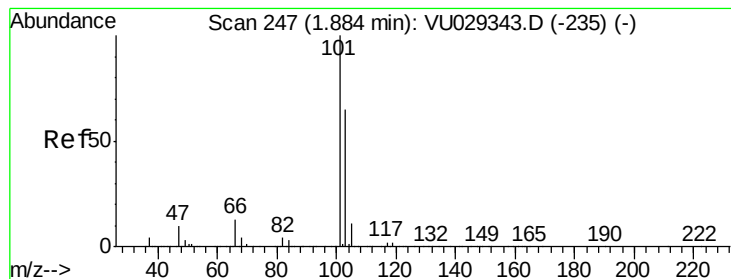
66 31.6 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

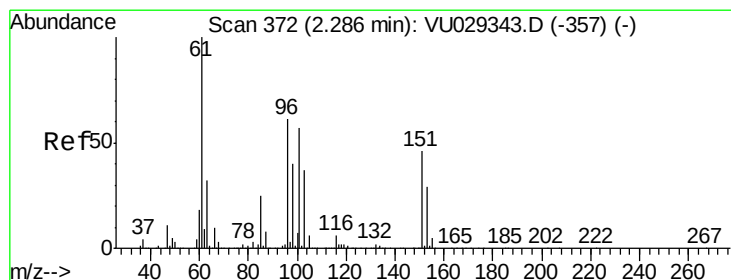
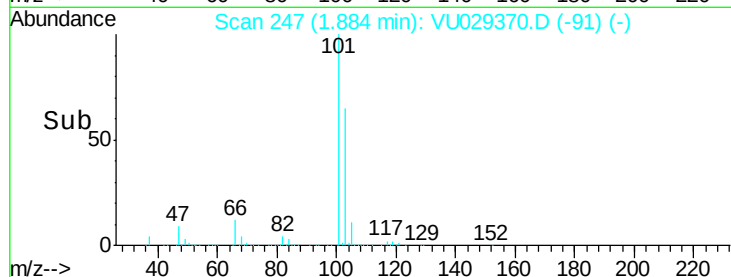
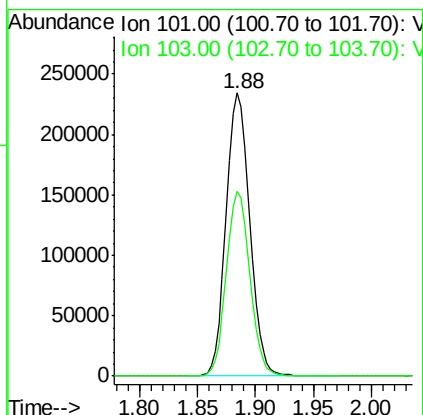
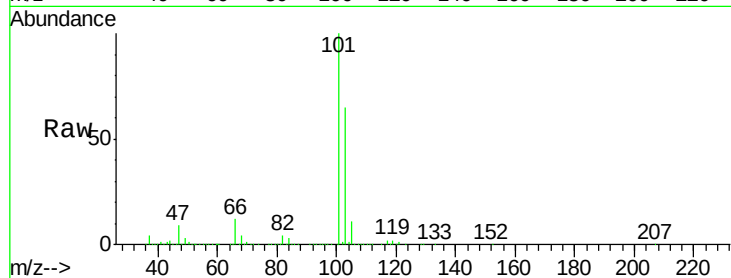




#7

Trichlorofluoromethane
Concen: 10.486 ug/l
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

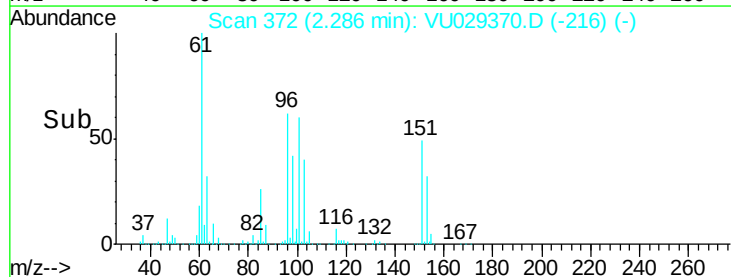
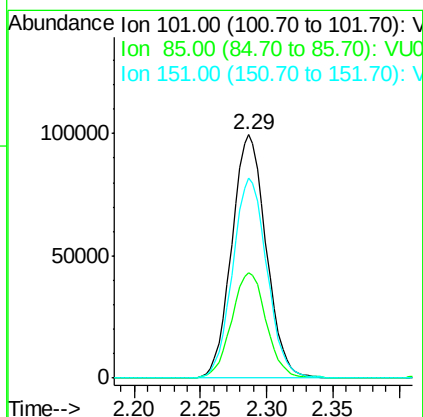
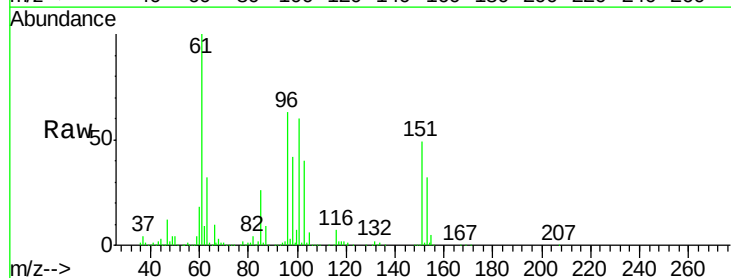
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.9	80.9

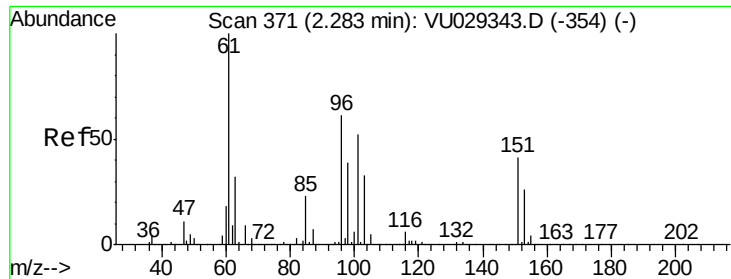


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.745 ug/l
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.5	40.3	60.5
151	82.6	58.1	87.1





#9

1,1-Dichloroethene

Concen: 10.384 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

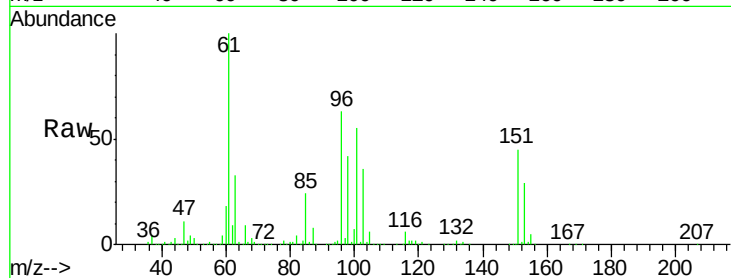
Tot Ion: 96 Resp: 168840

Ion Ratio Lower Upper

96 100

61 159.5 0.0 641.4

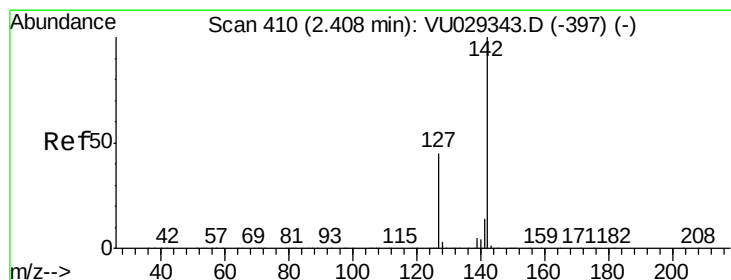
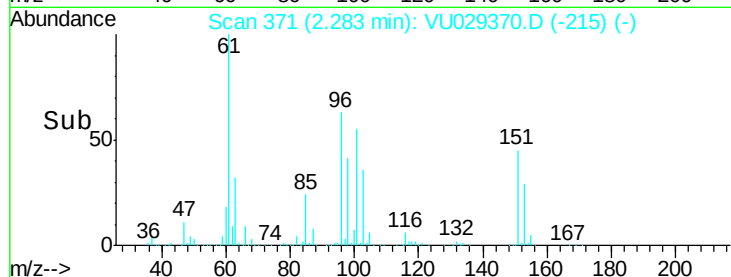
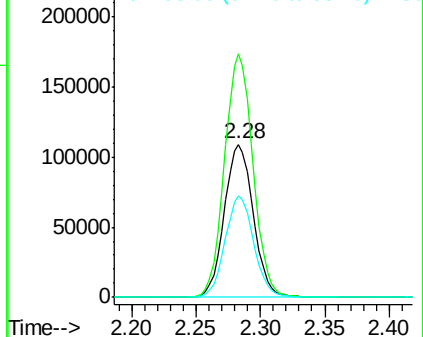
98 66.1 0.0 122.6



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: 10.548 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029370.D

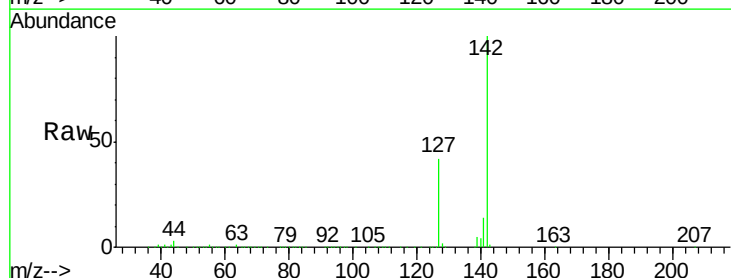
Acq: 07 Feb 2019 15:09

Tgt Ion:142 Resp: 257100

Ion Ratio Lower Upper

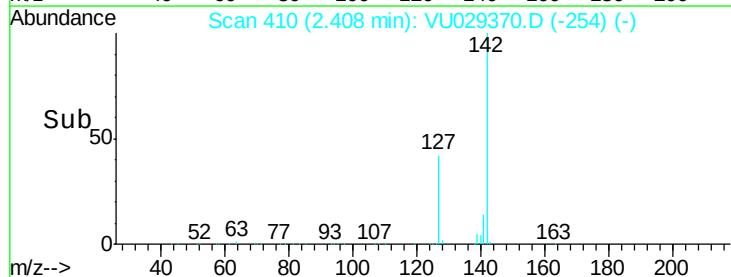
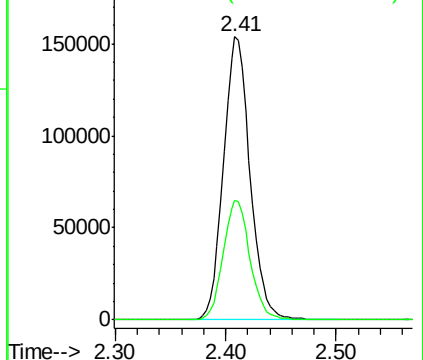
142 100

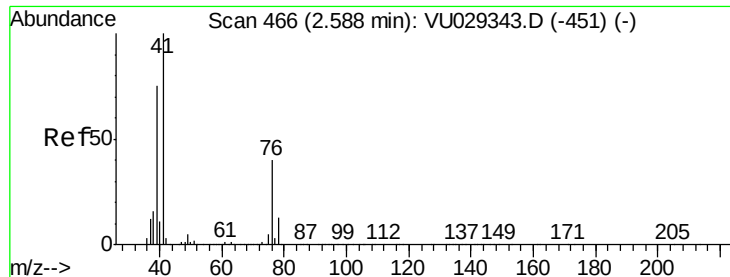
127 42.5 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

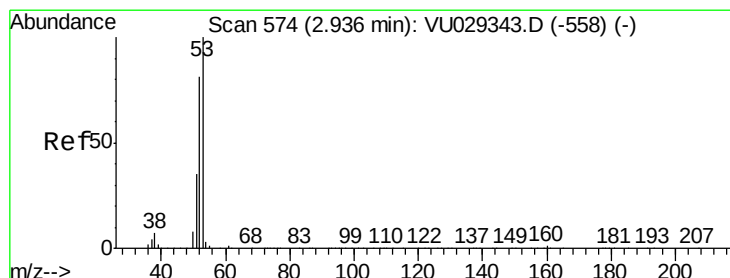
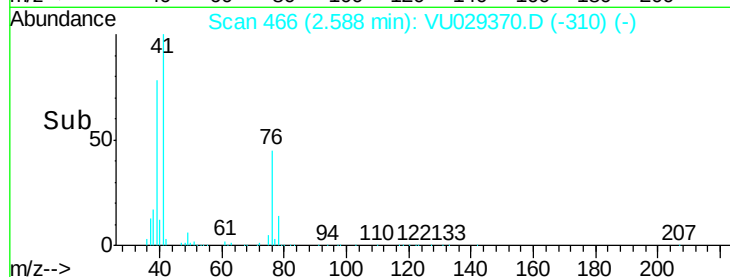
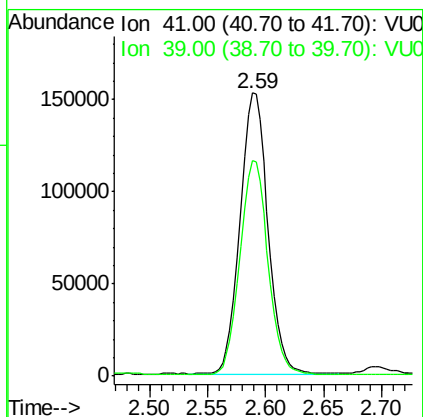
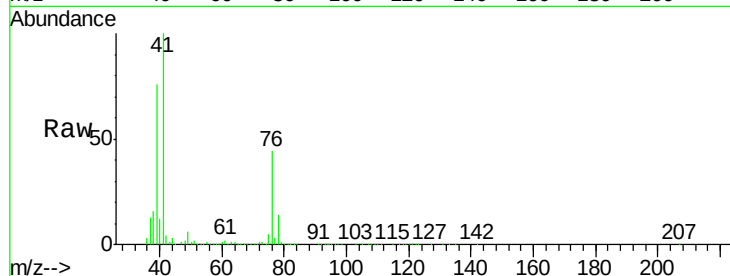
Ion 127.00 (126.70 to 127.70): V





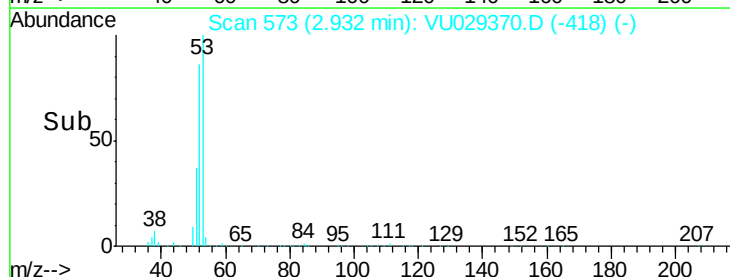
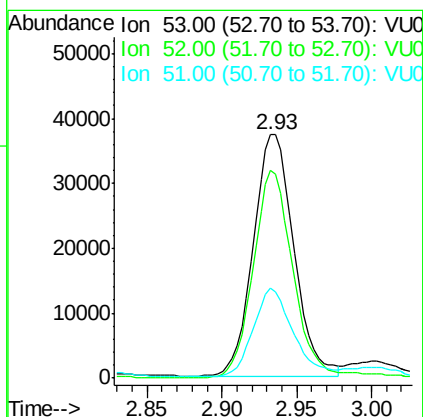
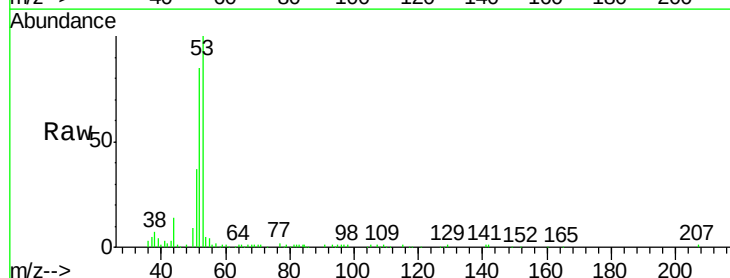
#11
Allvl Chloride
Concen: 9.330 ug/l
RT: 2.59 min Scan# 466
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

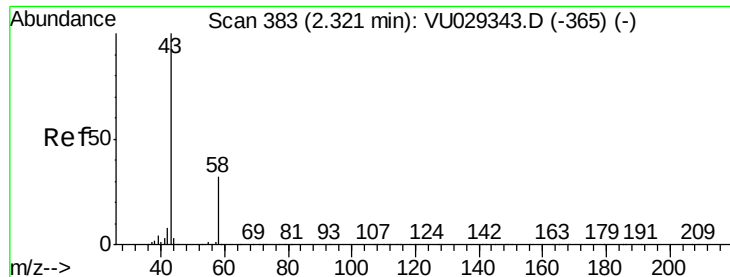
Tot Ion: 41 Resp: 254401
Ion Ratio Lower Upper
41 100
39 77.1 67.2 100.8



#12
Acrylonitrile
Concen: 19.268 ug/l
RT: 2.93 min Scan# 573
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion: 53 Resp: 70219
Ion Ratio Lower Upper
53 100
52 84.7 67.6 101.4
51 35.8 31.0 46.4





#13

Acetone

Concen: 44.319 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029370.D

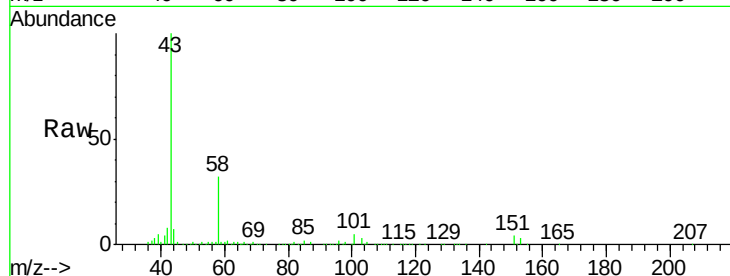
Acq: 07 Feb 2019 15:09

Tot Ion: 43 Resp: 155661

Ion Ratio Lower Upper

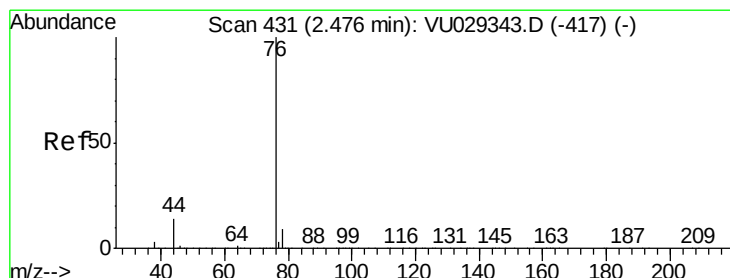
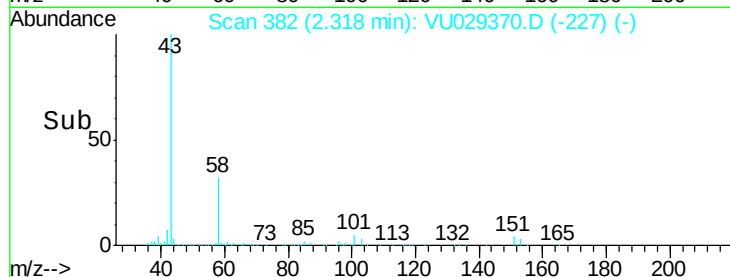
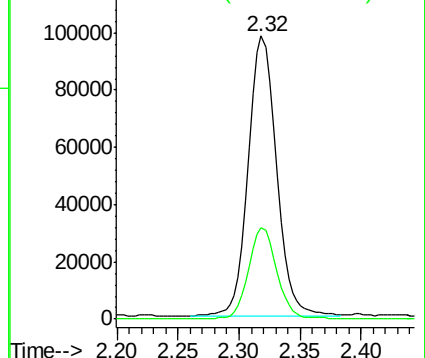
43 100

58 32.6 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: 10.050 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029370.D

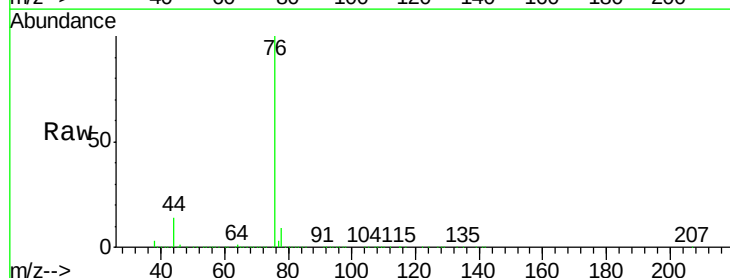
Acq: 07 Feb 2019 15:09

Tgt Ion: 76 Resp: 576965

Ion Ratio Lower Upper

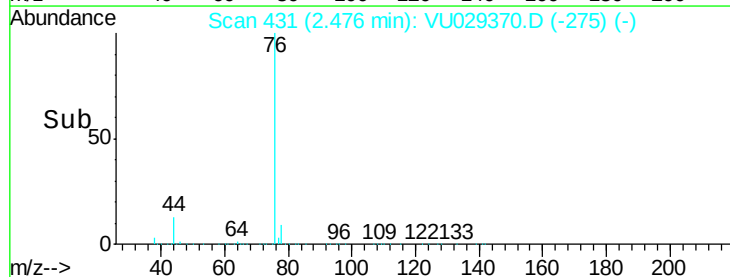
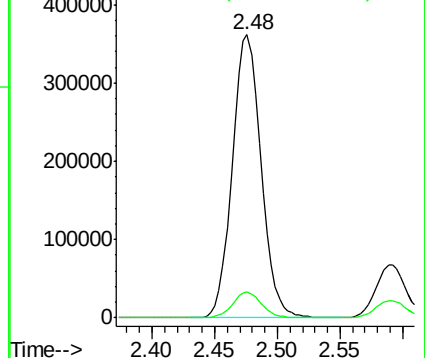
76 100

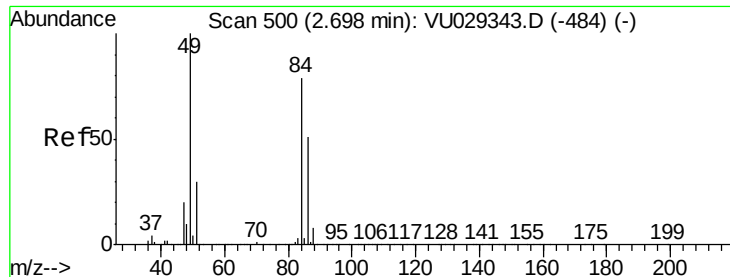
78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

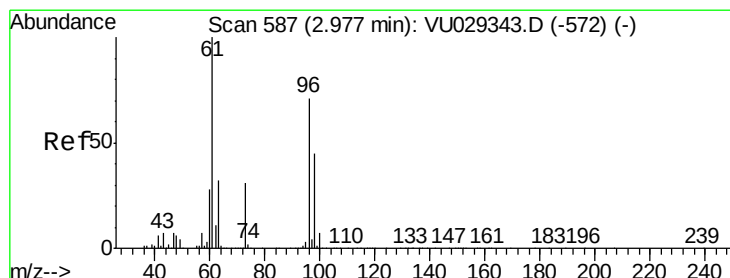
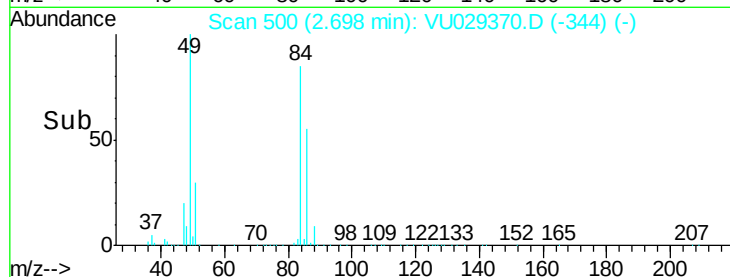
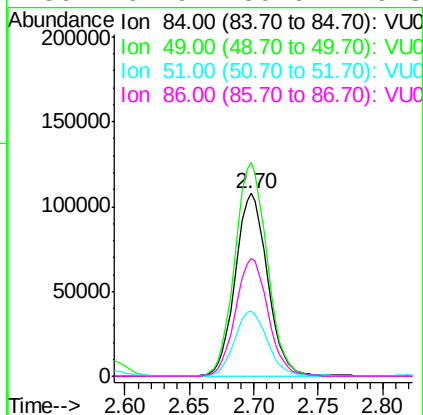
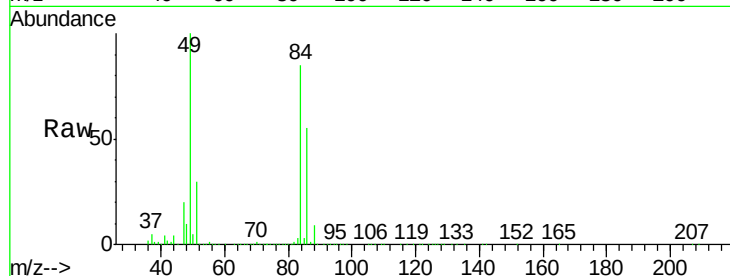
Ion 78.00 (77.70 to 78.70): VU0





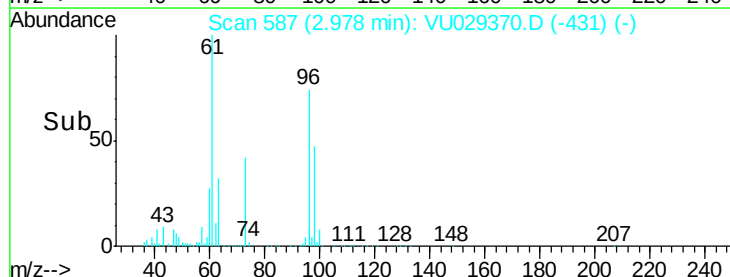
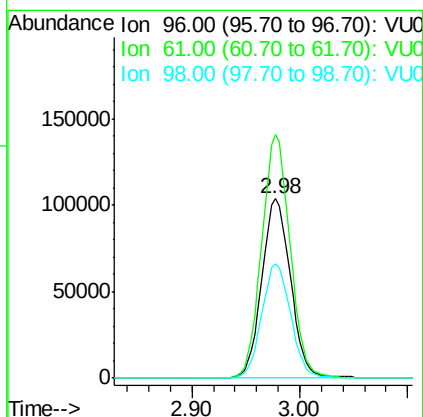
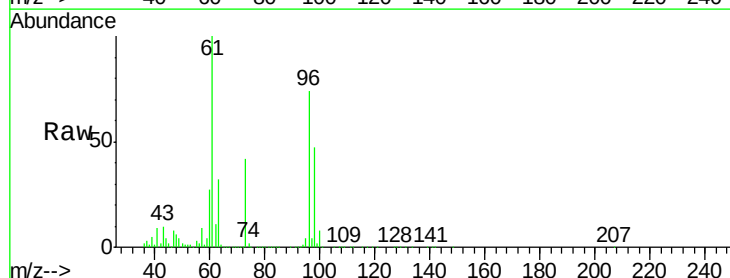
#15
Methylene Chloride
Concen: 9.498 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

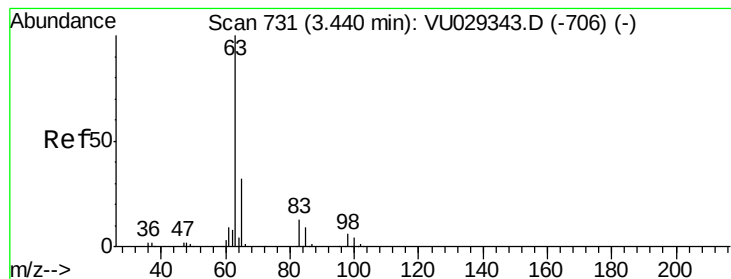
Tot Ion:	84	Resp:	187258
Ion	Ratio	Lower	Upper
84	100		
49	117.2	127.0	190.6#
51	35.5	0.0	93.4
86	64.9	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 10.483 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion:	96	Resp:	190612
Ion	Ratio	Lower	Upper
96	100		
61	136.0	140.6	210.8#
98	63.8	49.3	73.9





#17

1,1-Dichloroethane

Concen: 11.645 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

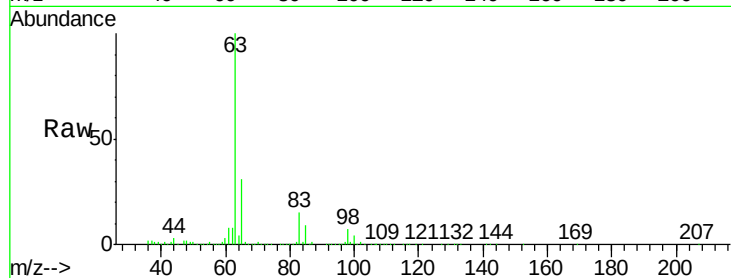
Tot Ion: 63 Resp: 335559

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

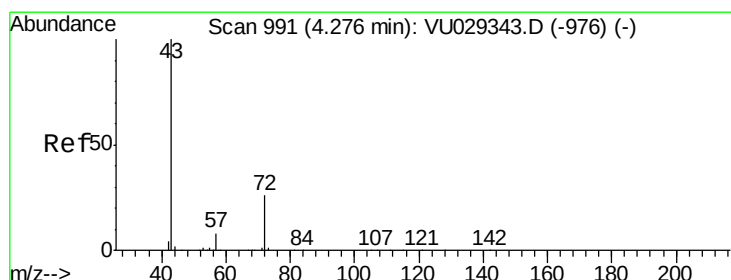
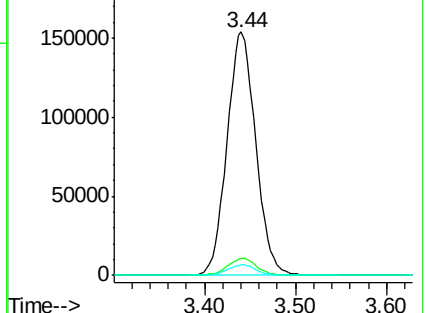
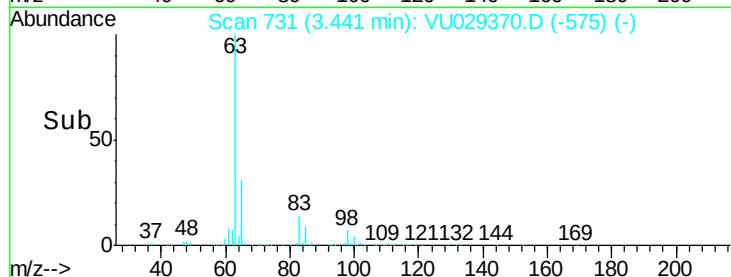
100 4.2 1.7 5.1



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: 48.539 ug/l

RT: 4.27 min Scan# 990

Delta R.T. -0.00 min

Lab File: VU029370.D

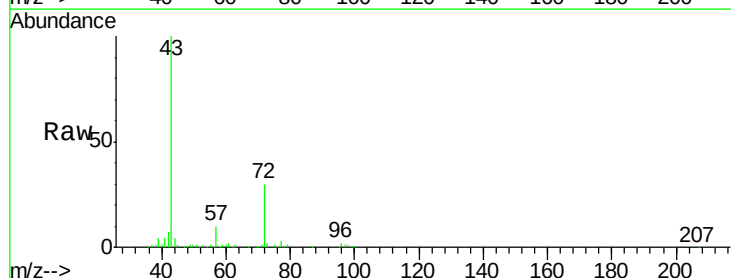
Acq: 07 Feb 2019 15:09

Tgt Ion: 43 Resp: 190542

Ion Ratio Lower Upper

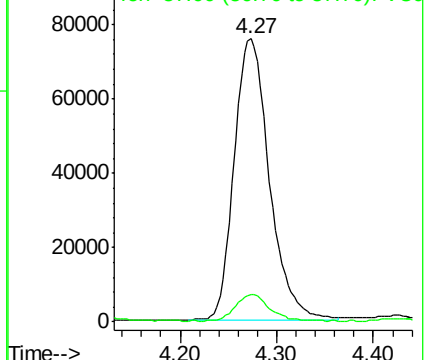
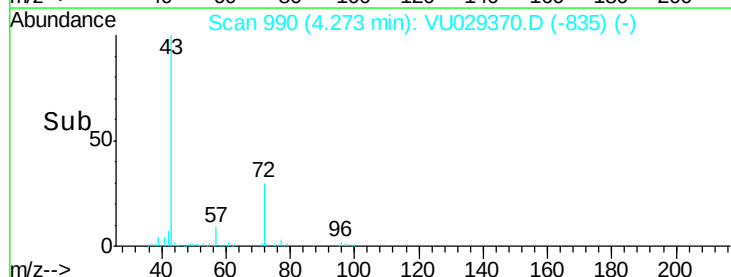
43 100

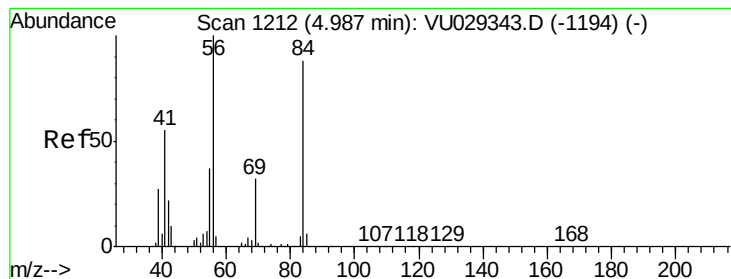
57 9.4 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 8.979 ug/l m

RT: 4.99 min Scan# 1212

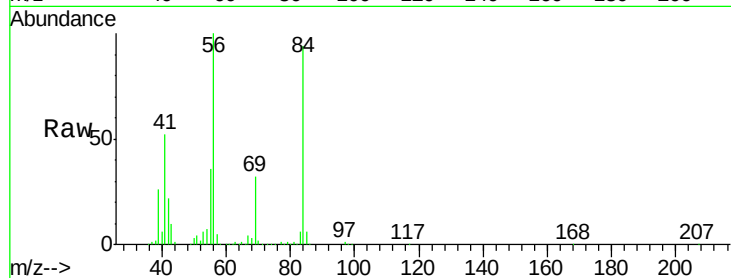
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tot Ion: 56 Resp: 239887

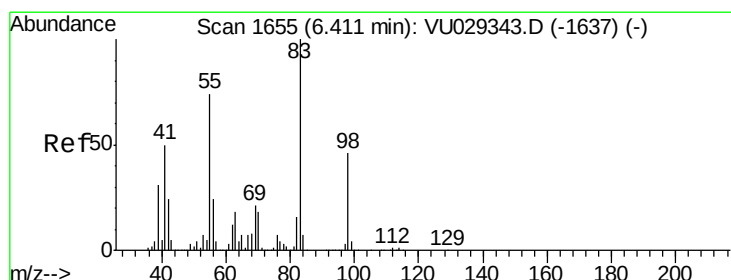
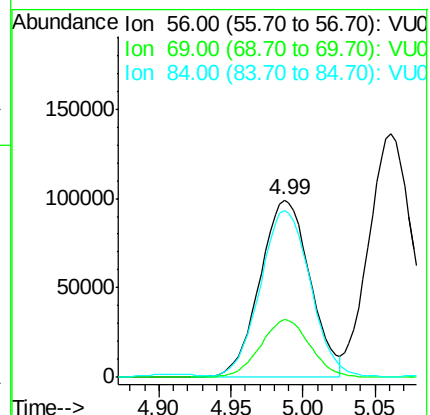
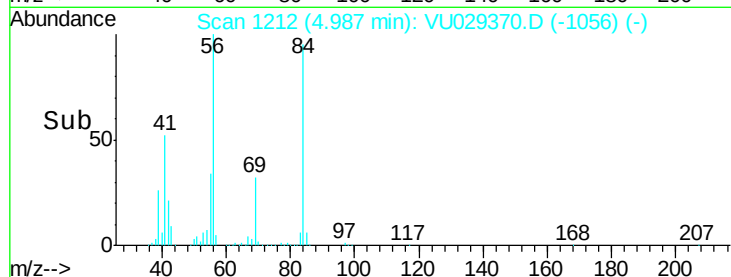
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.8	40.2
84	92.6	71.5	107.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 10.232 ug/l

RT: 6.41 min Scan# 1655

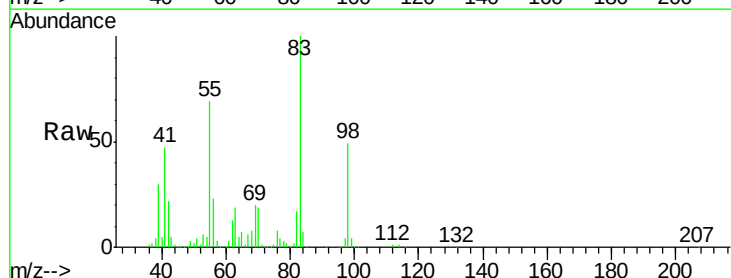
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tgt Ion: 83 Resp: 287113

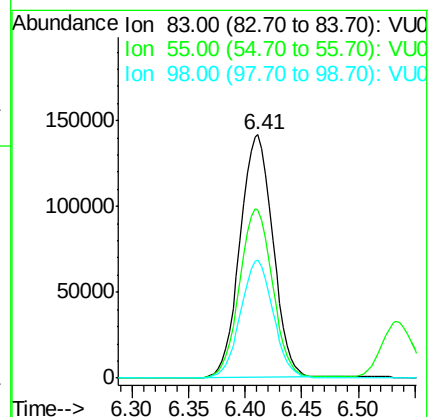
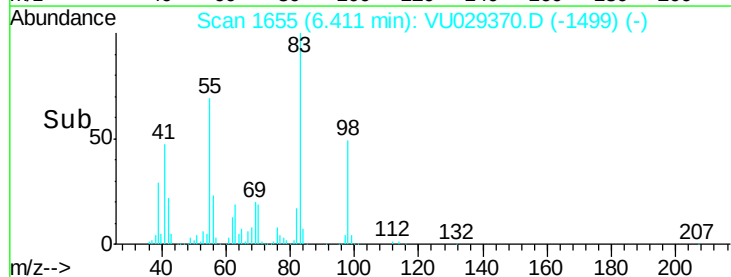
Ion	Ratio	Lower	Upper
83	100		
55	68.9	72.4	108.6#
98	47.8	36.6	54.8

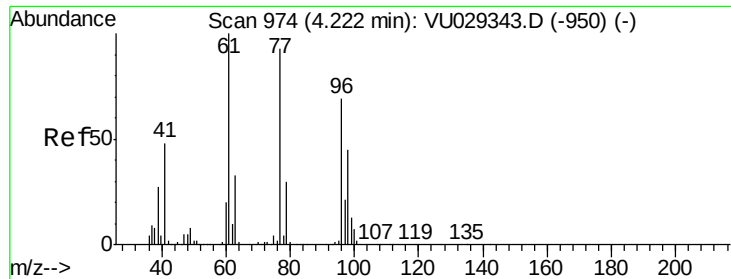


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 9.814 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029370.D

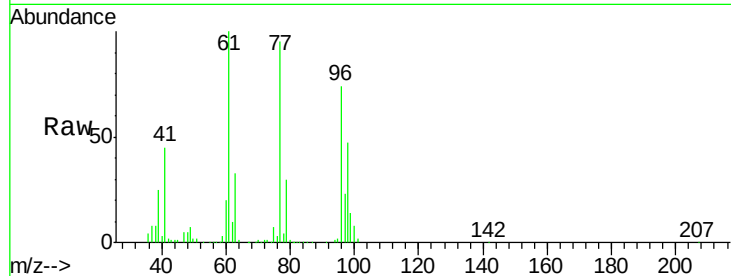
Acq: 07 Feb 2019 15:09

Tot Ion: 77 Resp: 261753

Ion Ratio Lower Upper

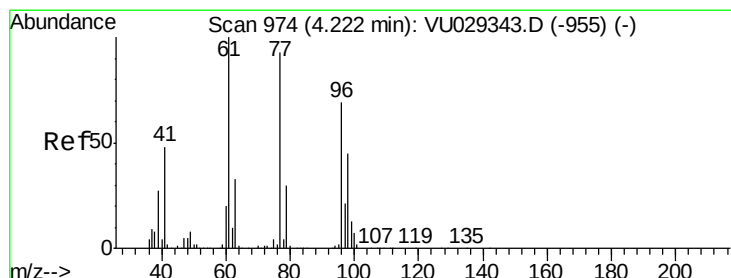
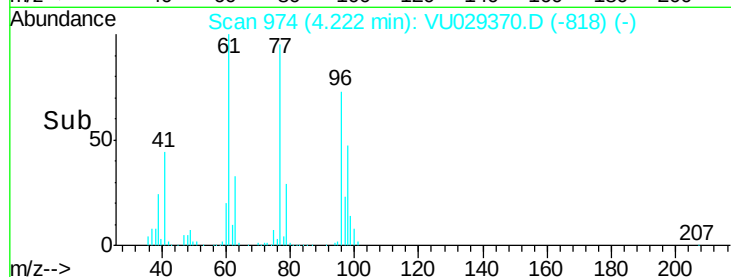
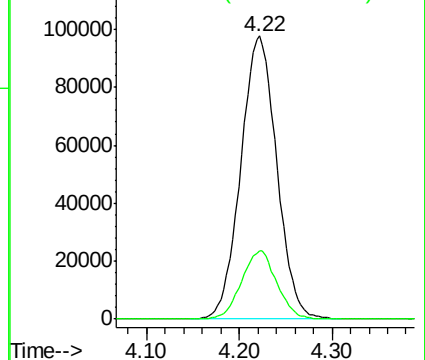
77 100

97 23.8 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: 10.806 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

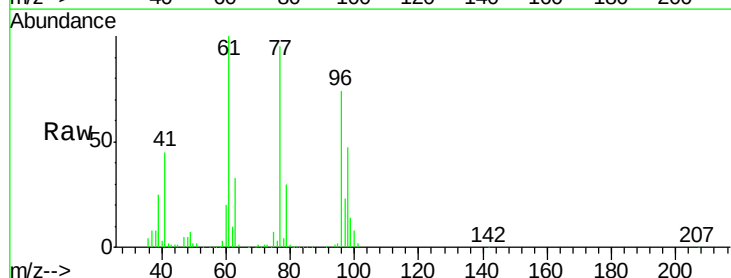
Tgt Ion: 96 Resp: 185099

Ion Ratio Lower Upper

96 100

61 136.6 0.0 460.0

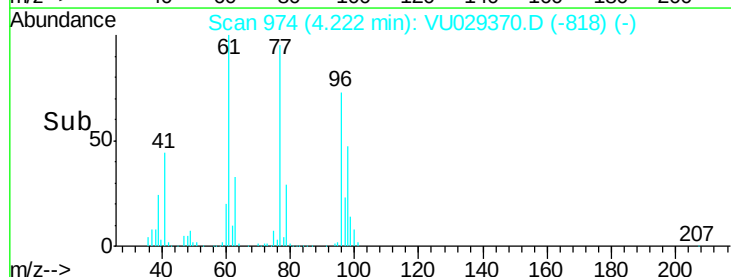
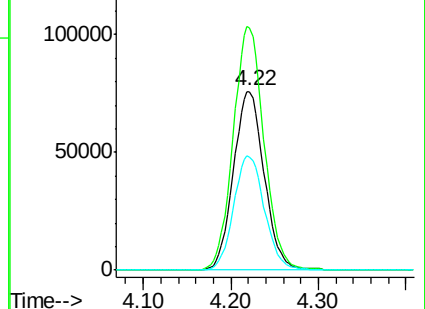
98 64.0 32.6 97.7

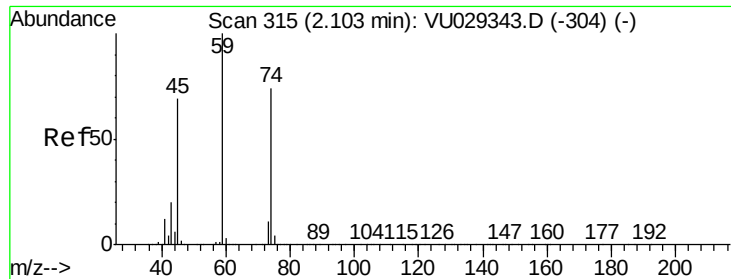


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

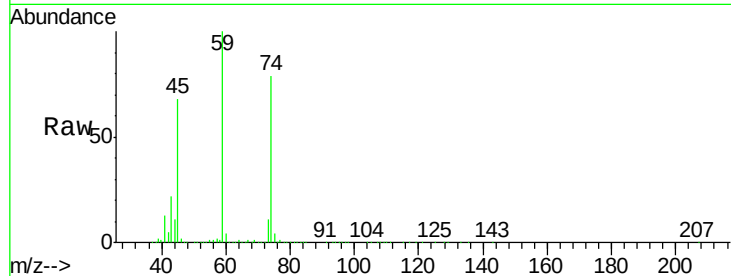
Ion 98.00 (97.70 to 98.70): VU0



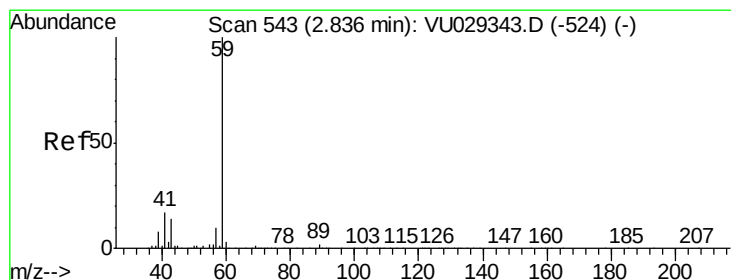
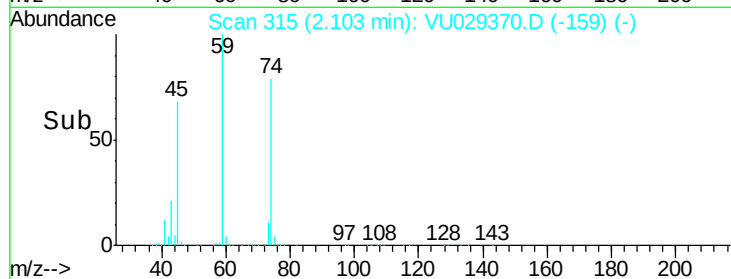
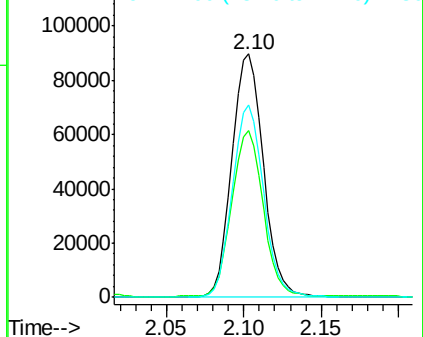


#23
Diethyl Ether
Concen: 9.725 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion	Ratio	Lower	Upper
59	100		
45	67.5	64.2	96.4
74	78.4	55.3	82.9

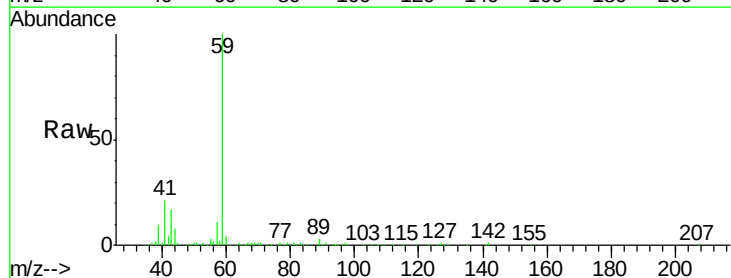


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

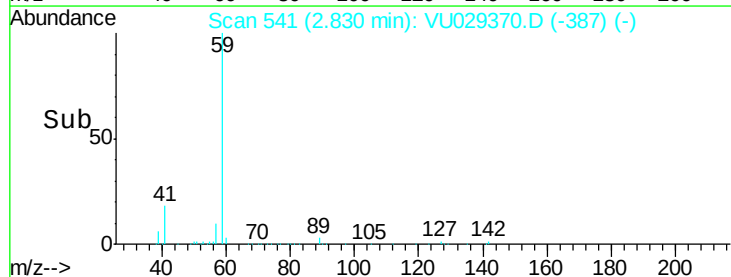
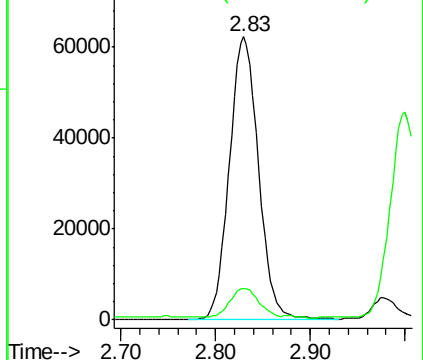


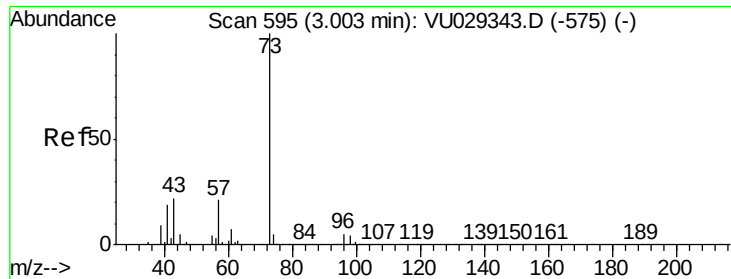
#24
tert-Butyl Alcohol
Concen: 98.410 ug/l
RT: 2.83 min Scan# 541
Delta R.T. -0.01 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	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: 10.109 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029370.D

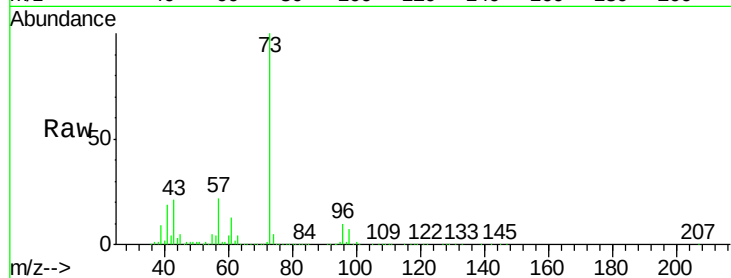
Acq: 07 Feb 2019 15:09

Tot Ion: 73 Resp: 462848

Ion Ratio Lower Upper

73 100

43 20.4 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU029370.D (-439) (-)

Ion 43.00 (42.70 to 43.70): VU029370.D (-439) (-)

3.00

200000

150000

100000

50000

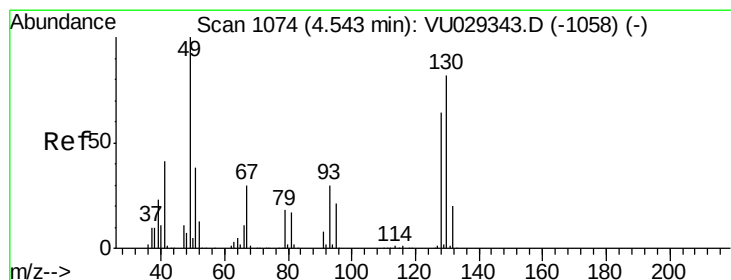
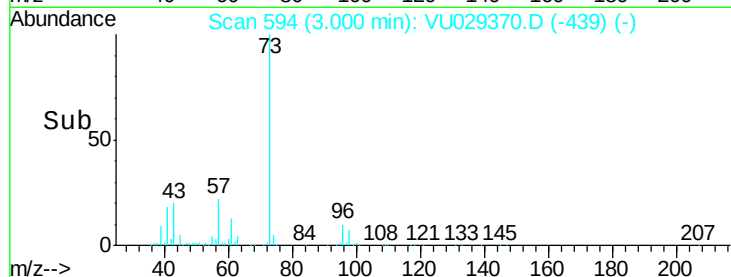
0

2.90

3.00

3.10

Time-->



#26

Bromochloromethane

Concen: 10.805 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

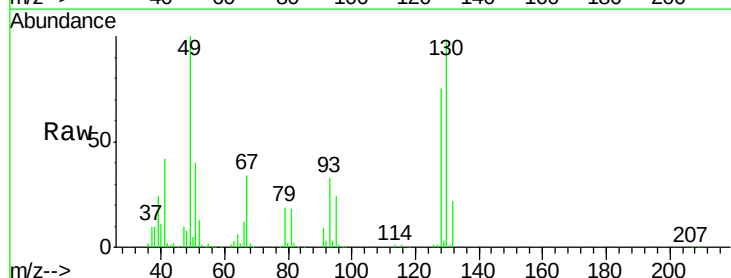
Tgt Ion: 128 Resp: 81752

Ion Ratio Lower Upper

128 100

49 133.5 0.0 401.6

130 131.8 108.0 162.0



Abundance Ion 128.00 (127.70 to 128.70): VU029370.D (-918) (-)

Ion 49.00 (48.70 to 49.70): VU029370.D (-918) (-)

Ion 130.00 (129.70 to 130.70): VU029370.D (-918) (-)

4.54

60000

50000

40000

30000

20000

10000

0

4.45

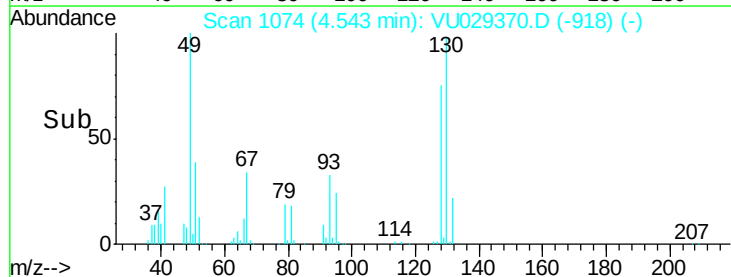
4.50

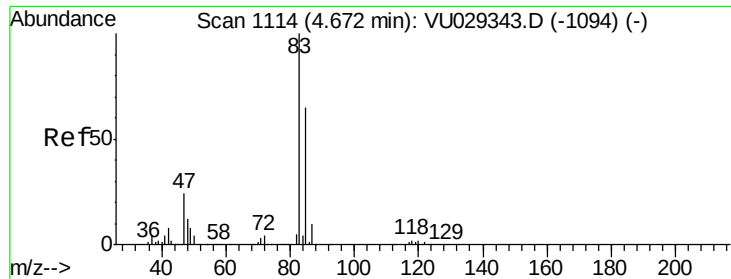
4.55

4.60

4.65

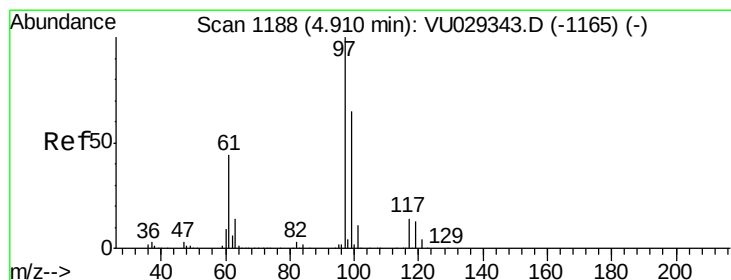
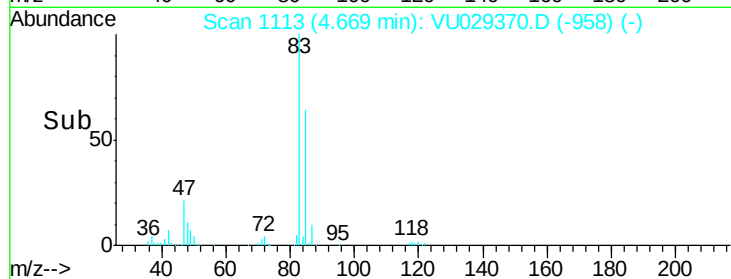
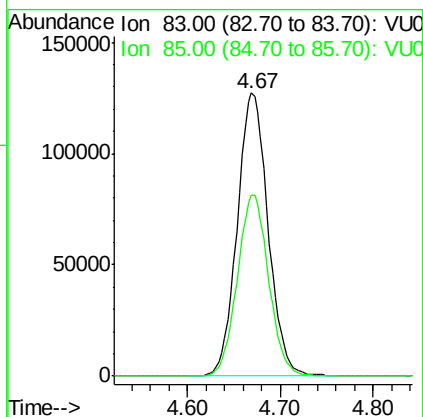
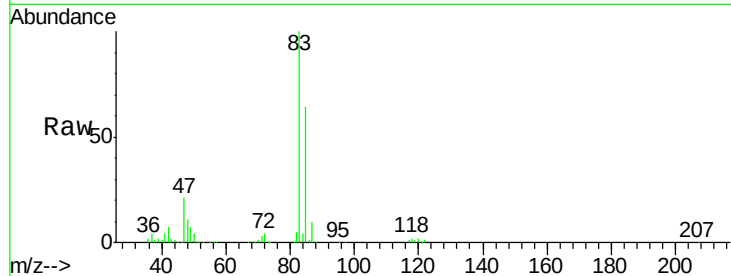
Time-->





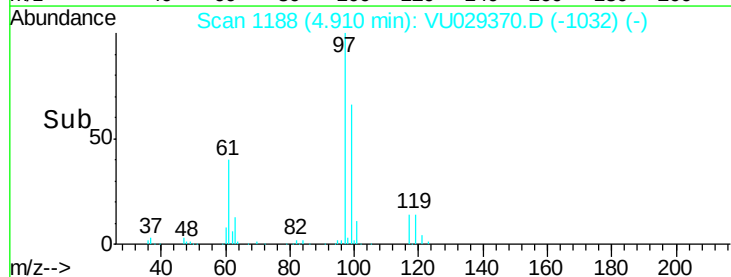
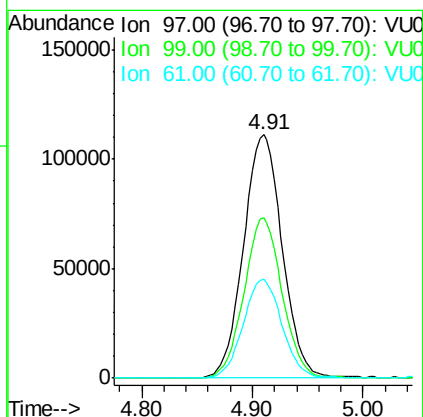
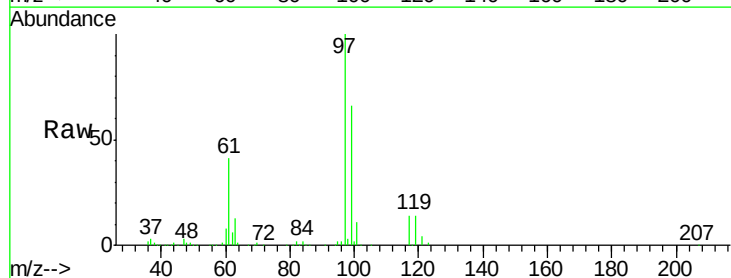
#27
Chloroform
Concen: 10.467 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

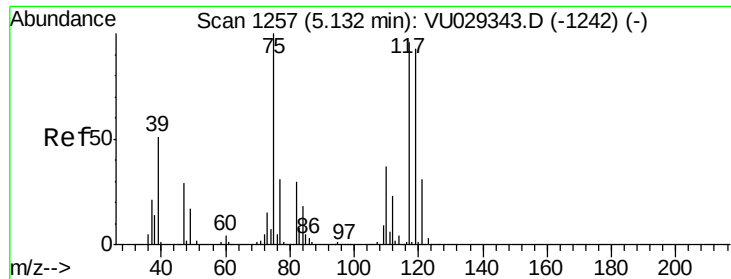
Tot Ion: 83 Resp: 293306
Ion Ratio Lower Upper
83 100
85 63.8 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 10.396 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion: 97 Resp: 270013
Ion Ratio Lower Upper
97 100
99 64.9 32.4 97.2
61 40.9 24.4 73.2





#29

1,1-Dichloropropene

Concen: 10.018 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

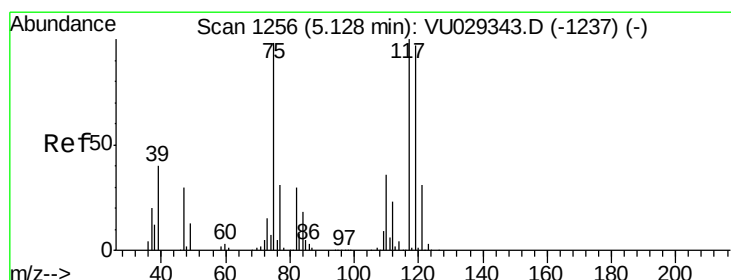
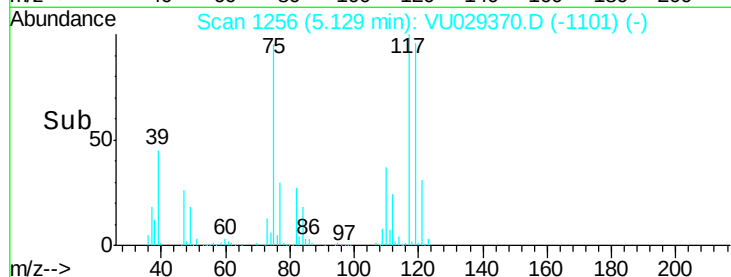
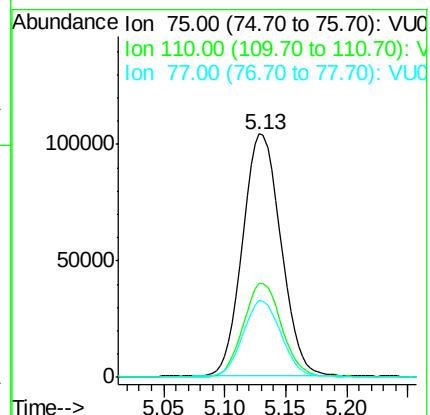
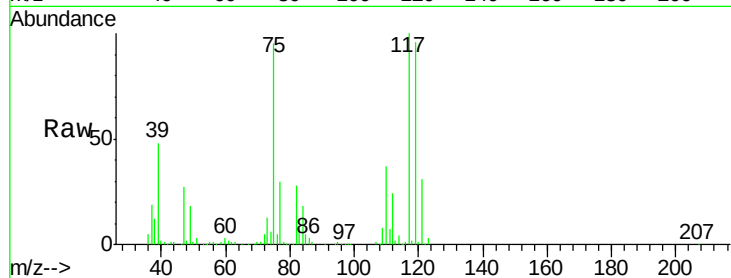
Tot Ion: 75 Resp: 225881

Ion Ratio Lower Upper

75 100

110 39.1 15.4 46.2

77 31.2 24.1 36.1



#30

Carbon Tetrachloride

Concen: 10.793 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

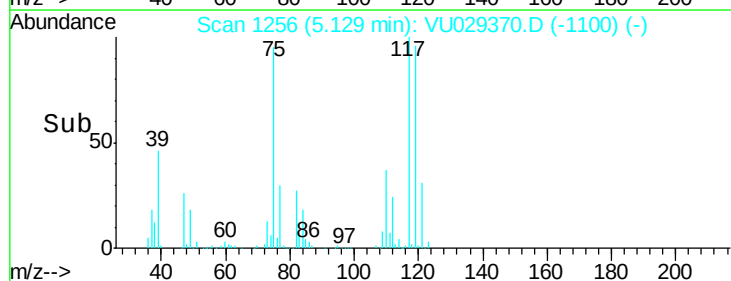
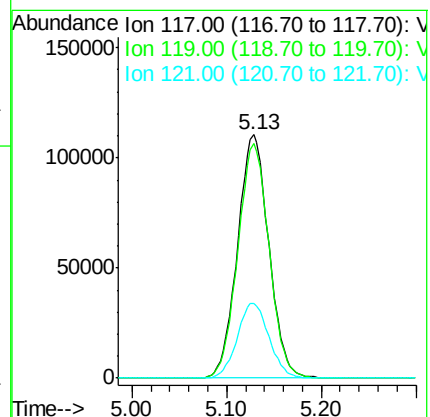
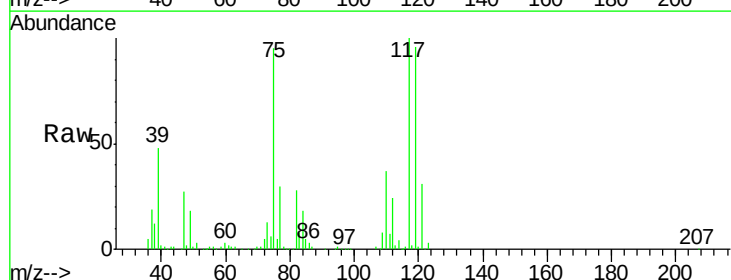
Tgt Ion: 117 Resp: 253784

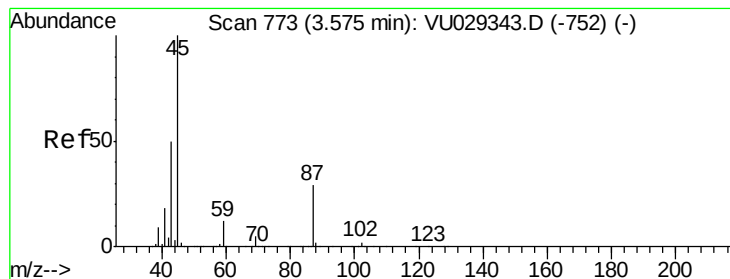
Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

121 30.7 24.4 36.6





#31

Isopropyl Ether

Concen: 11.587 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029370.D

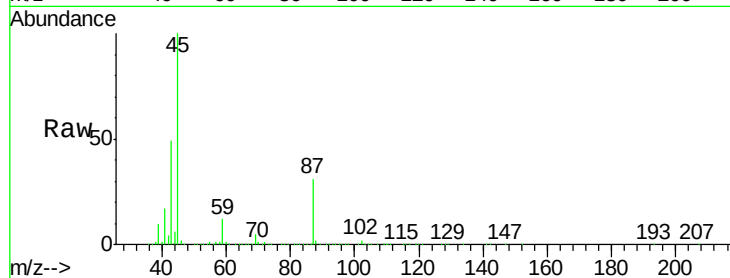
Acq: 07 Feb 2019 15:09

Tot Ion: 45 Resp: 503801

Ion Ratio Lower Upper

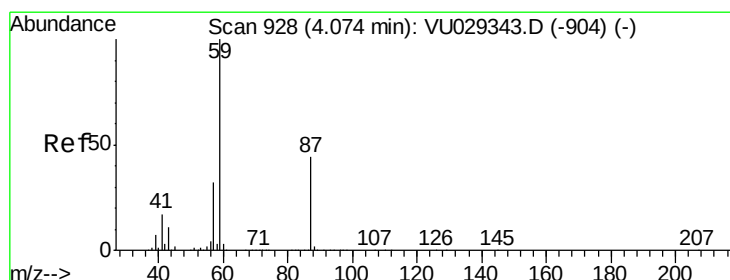
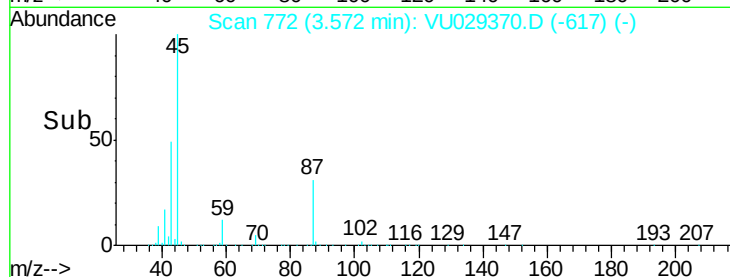
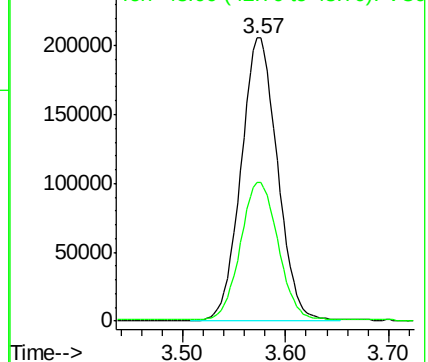
45 100

43 50.1 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: 9.830 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029370.D

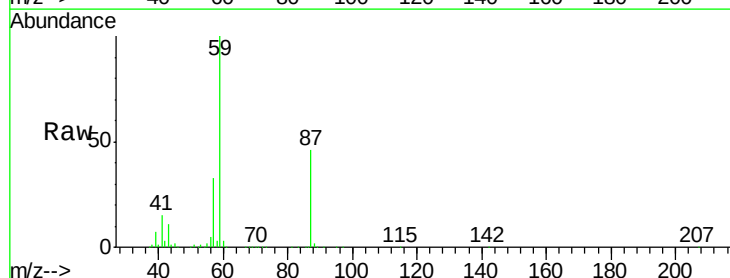
Acq: 07 Feb 2019 15:09

Tgt Ion: 59 Resp: 428299

Ion Ratio Lower Upper

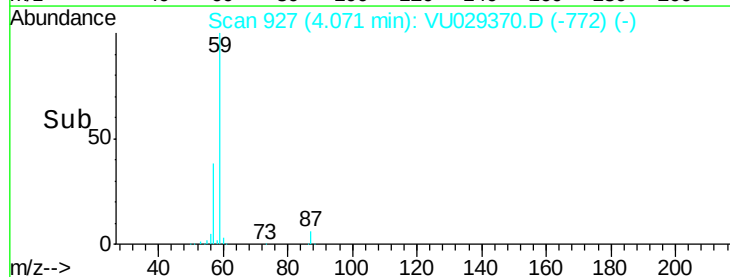
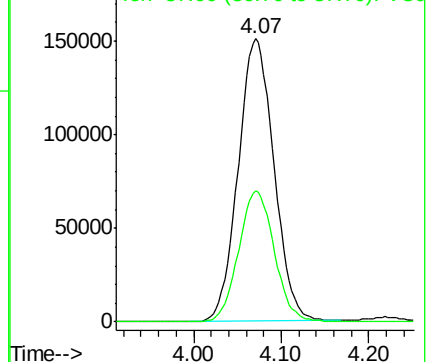
59 100

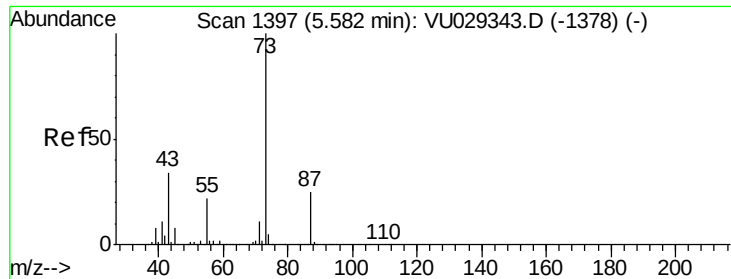
87 46.0 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

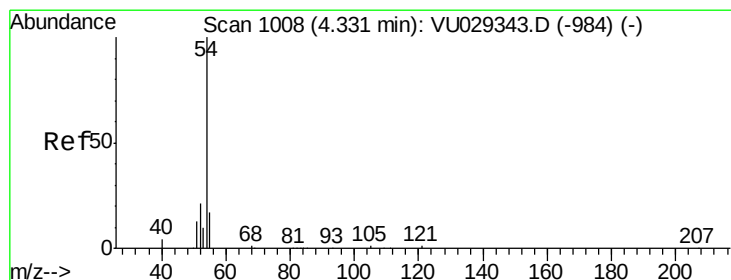
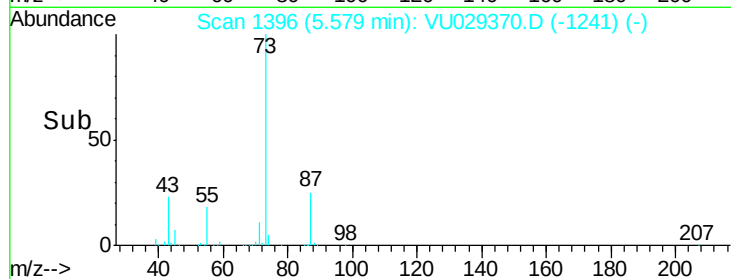
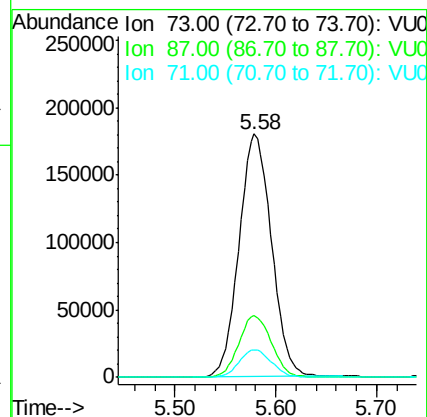
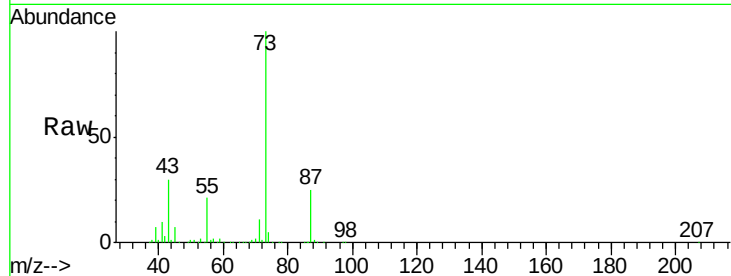
Ion 87.00 (86.70 to 87.70): VU0





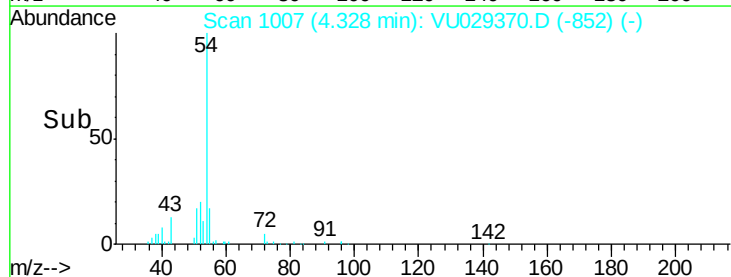
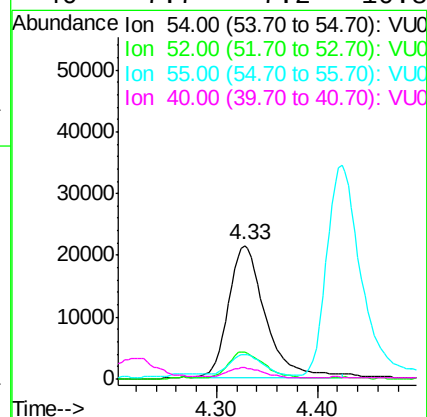
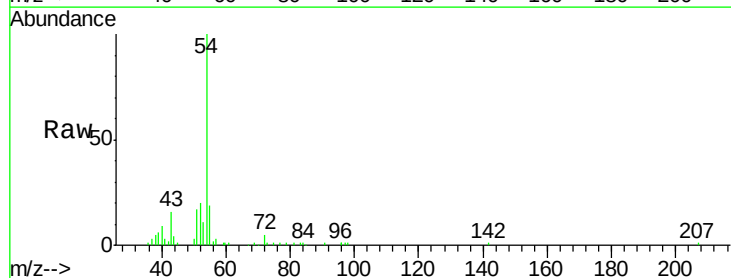
#33
Tert-Amvl methyl ether
Concen: 10.178 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

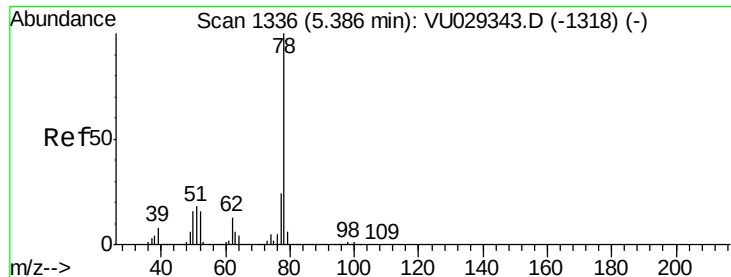
Tot Ion	73	Resp	400991
Ion	Ratio	Lower	Upper
73	100		
87	25.5	19.4	29.0
71	11.3	9.0	13.4



#34
Propionitrile
Concen: 51.954 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion	54	Resp	53609
Ion	Ratio	Lower	Upper
54	100		
52	19.4	18.9	28.3
55	14.5	15.1	22.7#
40	7.7	7.2	10.8





#35

Benzene

Concen: 10.252 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029370.D

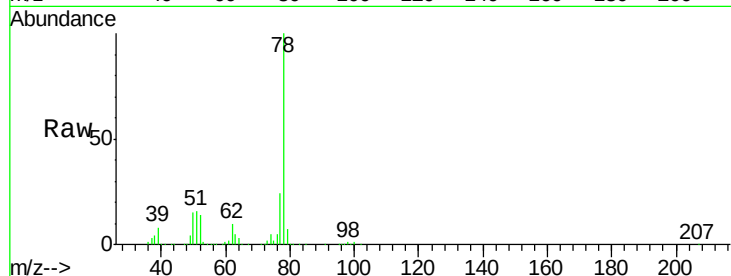
Acq: 07 Feb 2019 15:09

Tot Ion: 78 Resp: 639204

Ion Ratio Lower Upper

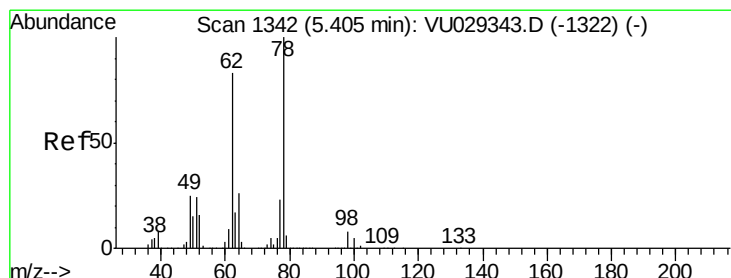
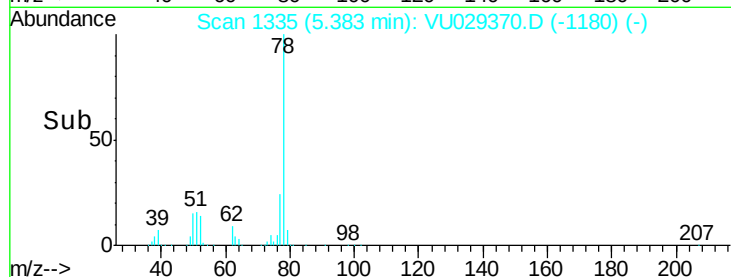
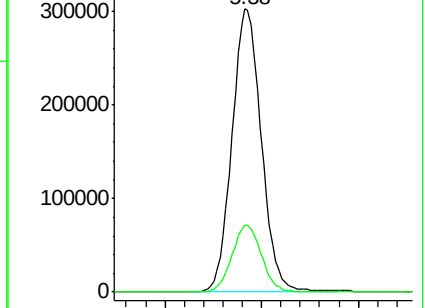
78 100

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: 9.804 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029370.D

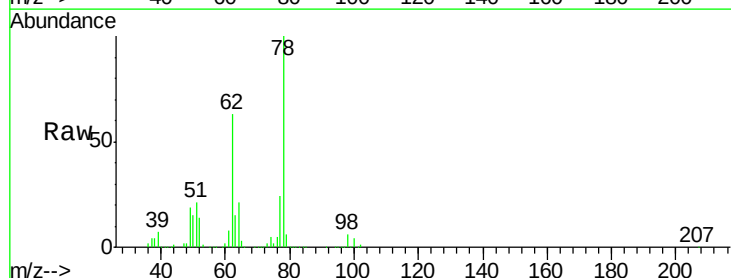
Acq: 07 Feb 2019 15:09

Tgt Ion: 62 Resp: 184895

Ion Ratio Lower Upper

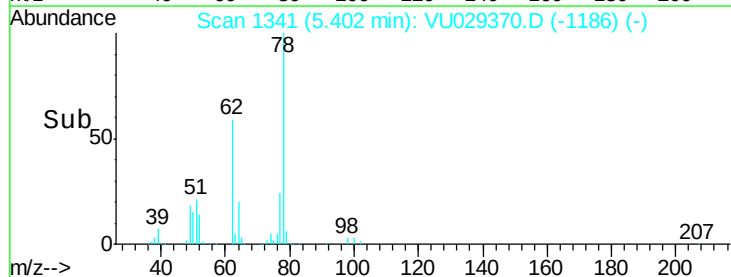
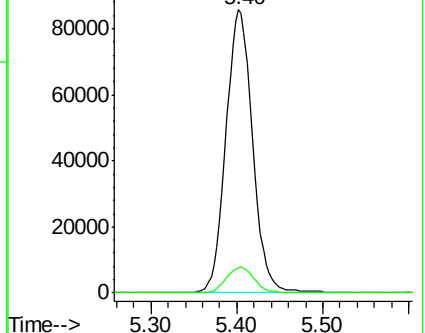
62 100

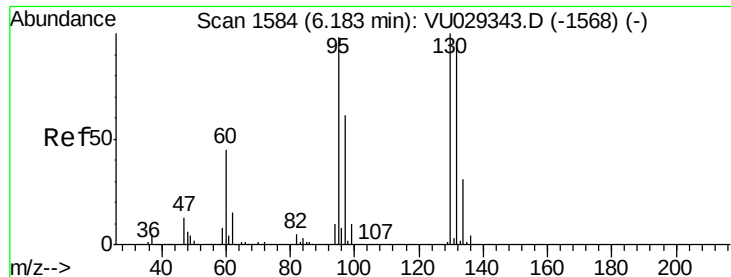
98 9.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 11.026 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029370.D

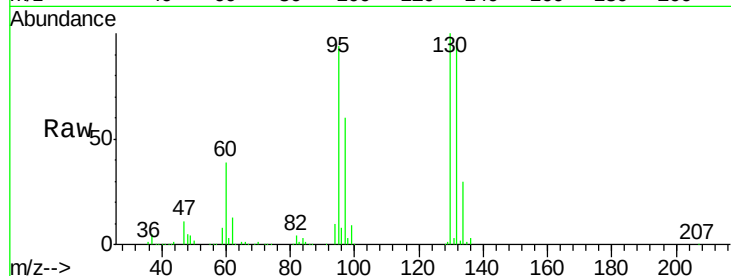
Acq: 07 Feb 2019 15:09

Tot Ion:130 Resp: 197292

Ion Ratio Lower Upper

130 100

95 93.7 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029370.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029370.D (-1568) (-)

6.18

100000

80000

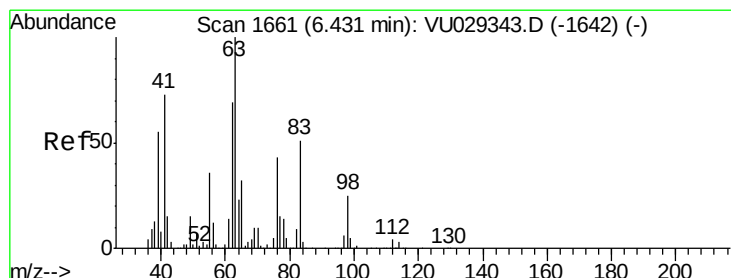
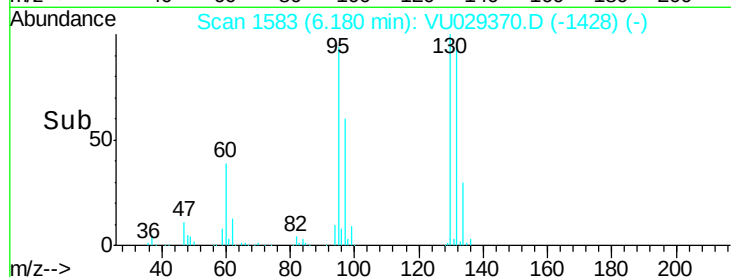
60000

40000

20000

0

Time-->



#38

1,2-Dichloropropane

Concen: 9.846 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029370.D

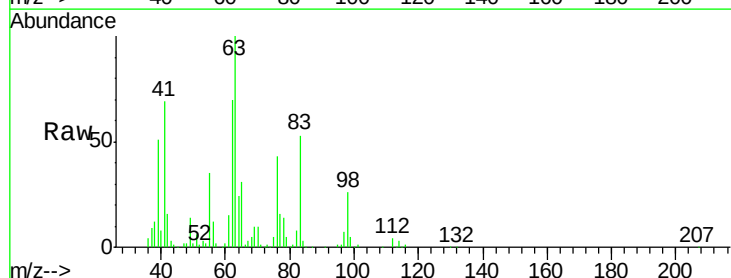
Acq: 07 Feb 2019 15:09

Tgt Ion: 63 Resp: 159701

Ion Ratio Lower Upper

63 100

65 31.1 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029370.D (-1505) (-)

Ion 65.00 (64.70 to 65.70): VU029370.D (-1505) (-)

6.43

80000

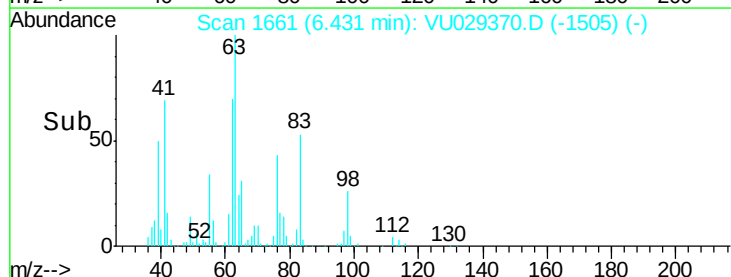
60000

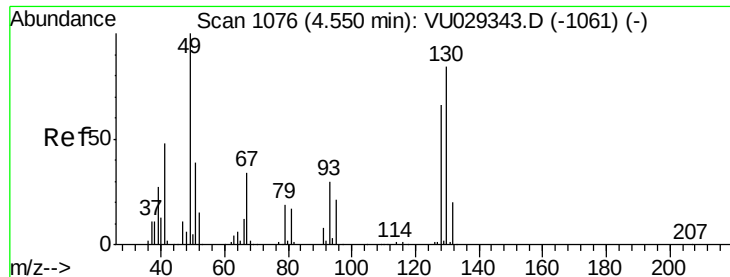
40000

20000

0

Time-->





#39

Methacrylonitrile

Concen: 9.396 ug/l

RT: 4.54 min Scan# 1074

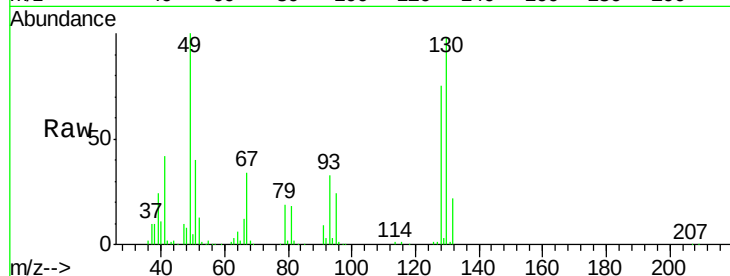
Delta R.T. -0.01 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tot Ion: 41 Resp: 49648

Ion	Ratio	Lower	Upper
41	100		
67	82.8	50.1	75.1#
39	55.4	47.9	71.9
52	32.5	24.8	37.2

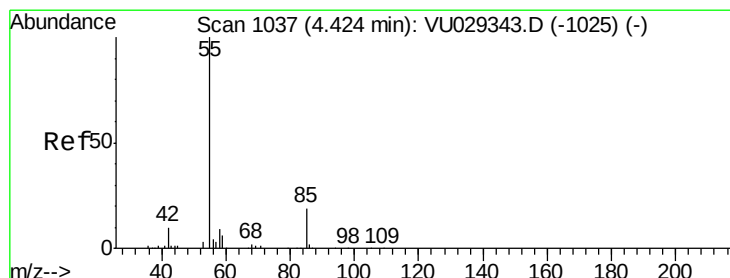
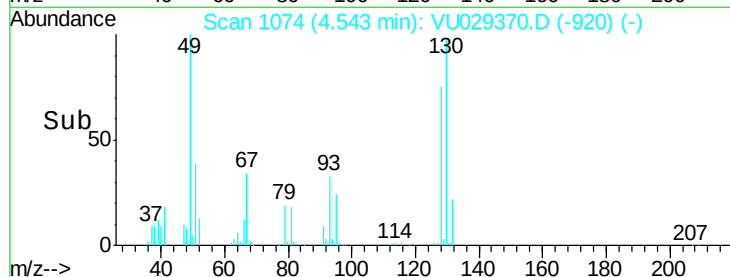
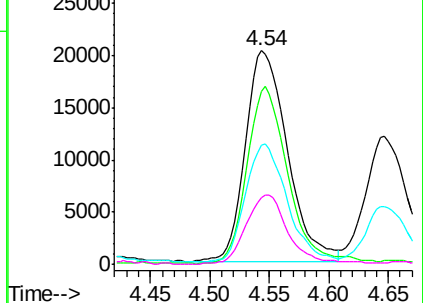


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 10.036 ug/l

RT: 4.42 min Scan# 1037

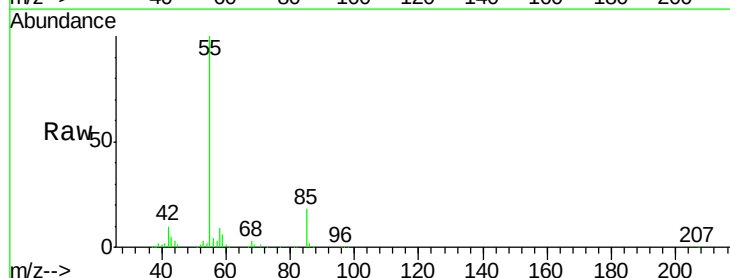
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tgt Ion: 55 Resp: 80052

Ion	Ratio	Lower	Upper
55	100		
85	19.0	11.3	16.9#
58	9.2	6.2	9.4
42	9.2	10.1	15.1#

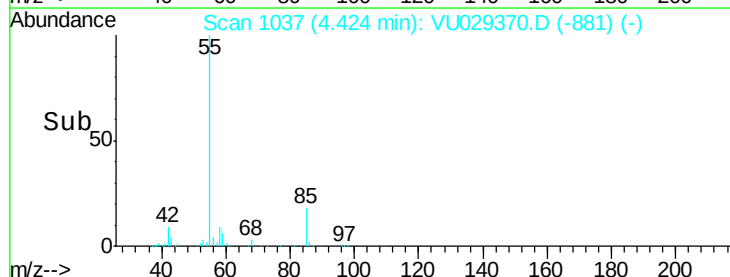
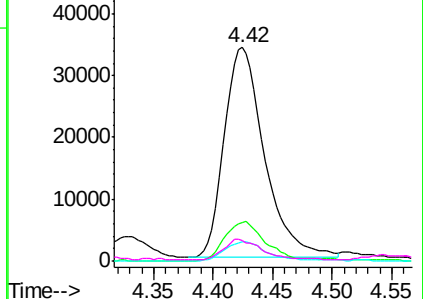


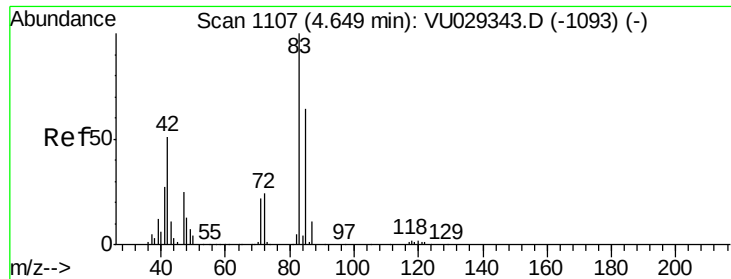
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 17.806 ug/l

RT: 4.65 min Scan# 1106

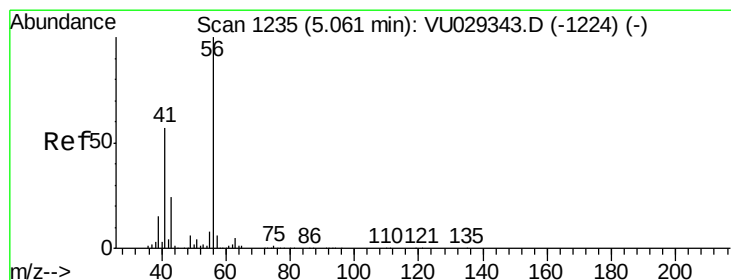
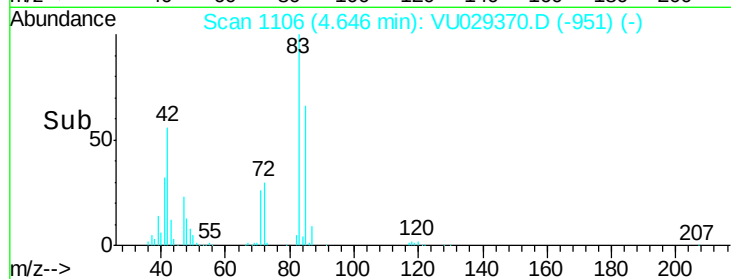
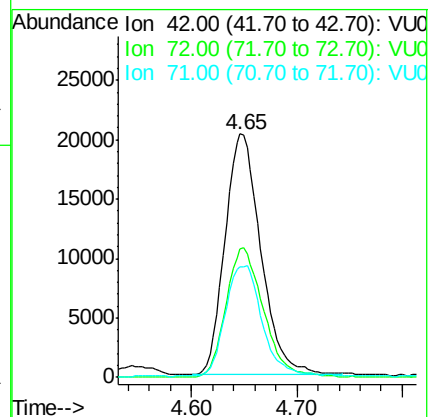
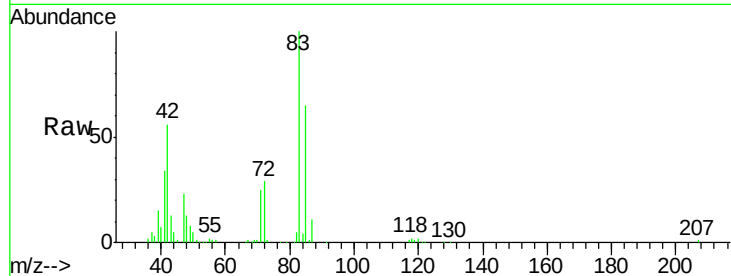
Delta R.T. -0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tot Ion: 42 Resp: 47394

Ion	Ratio	Lower	Upper
42	100		
72	56.8	33.1	49.7#
71	46.8	30.2	45.2#



#42

1-Chlorobutane

Concen: 9.630 ug/l

RT: 5.06 min Scan# 1235

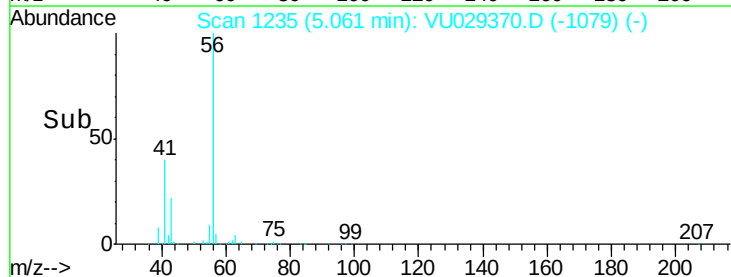
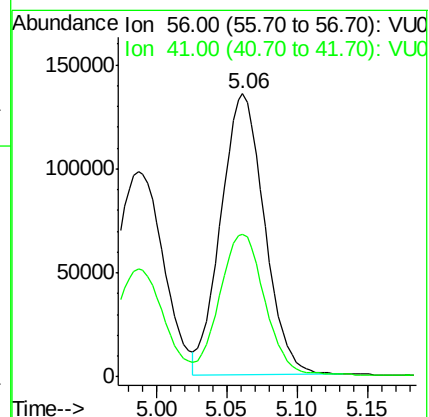
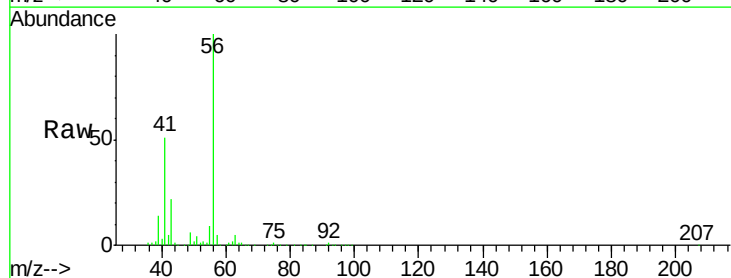
Delta R.T. 0.00 min

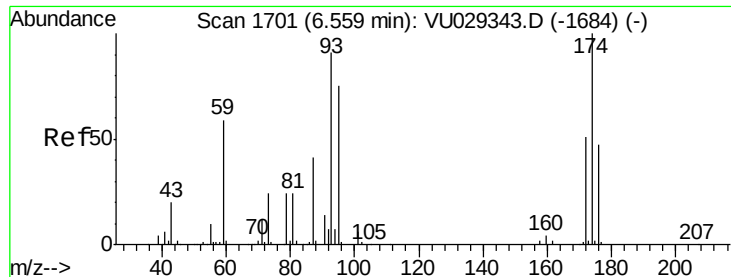
Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tgt Ion: 56 Resp: 290906

Ion	Ratio	Lower	Upper
56	100		
41	51.2	31.3	93.8





#43

Dibromomethane

Concen: 10.307 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

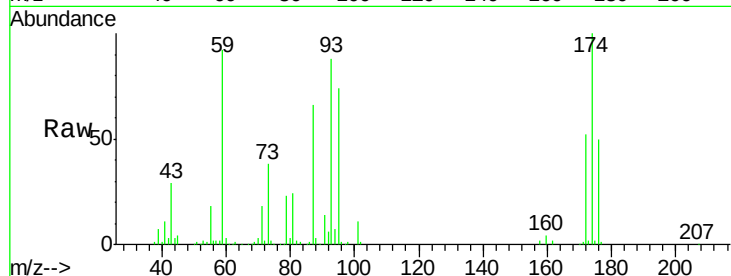
Tot Ion: 93 Resp: 89092

Ion Ratio Lower Upper

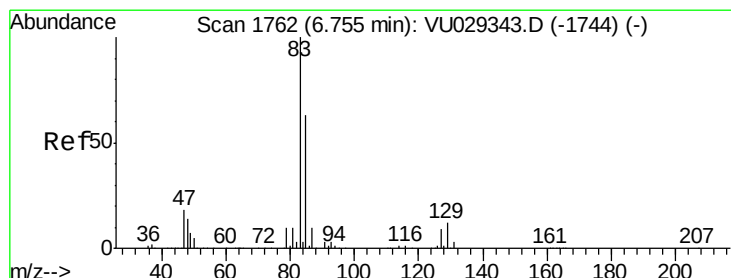
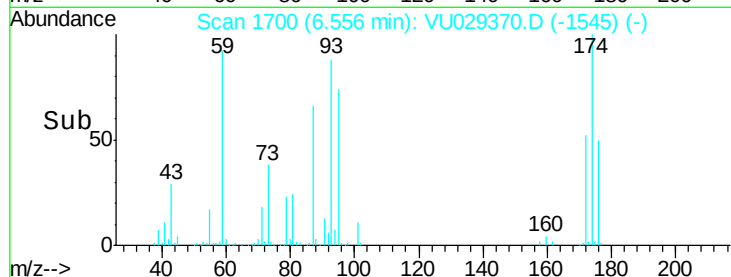
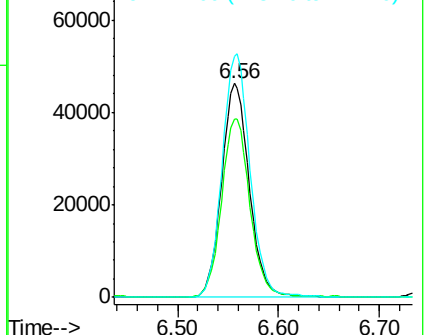
93 100

95 85.8 68.2 102.2

174 114.5 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: 10.201 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

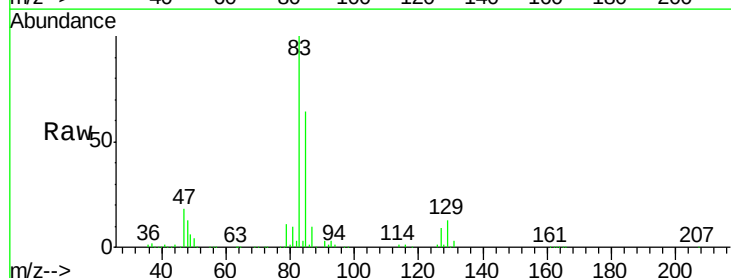
Tgt Ion: 83 Resp: 224675

Ion Ratio Lower Upper

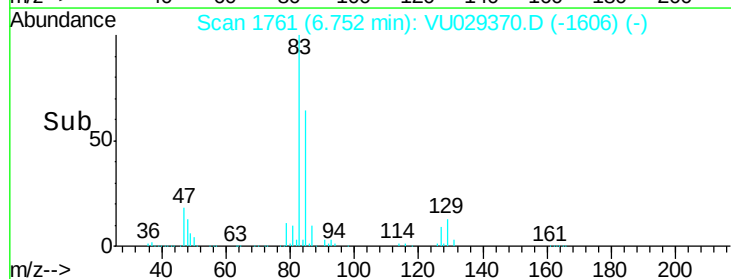
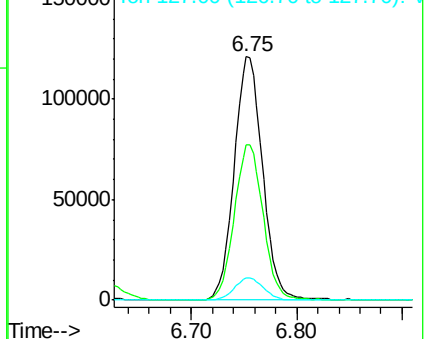
83 100

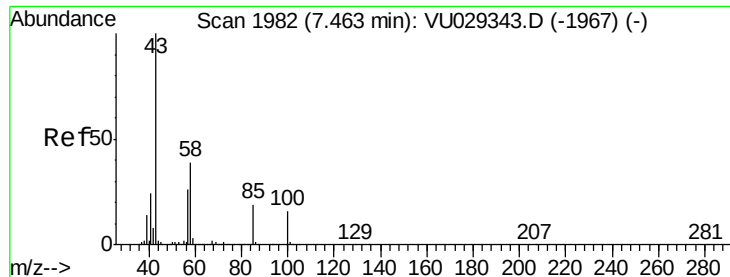
85 63.6 49.2 73.8

127 9.0 7.0 10.6



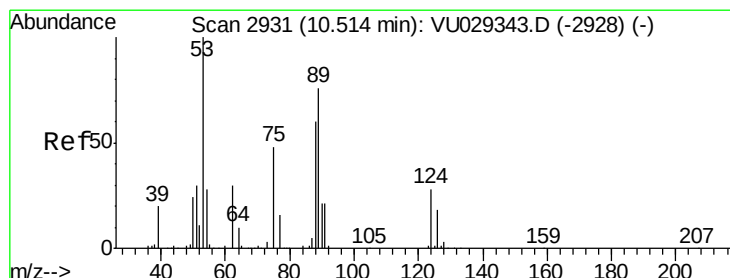
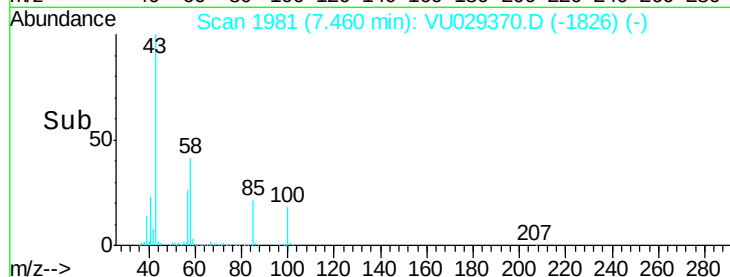
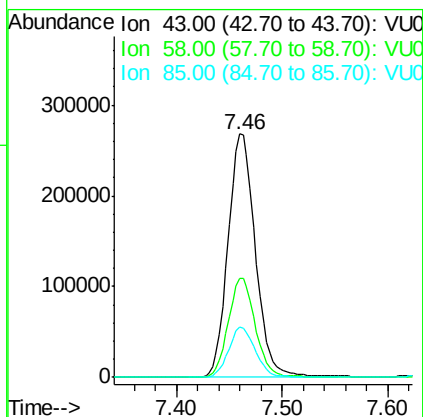
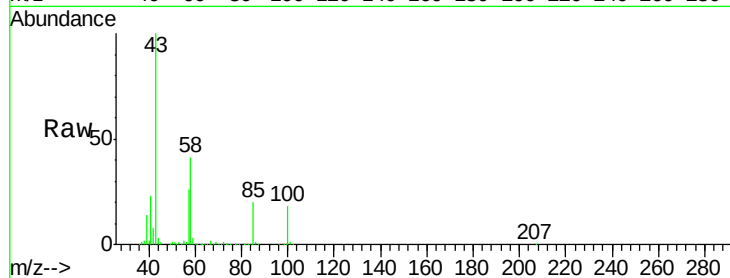
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





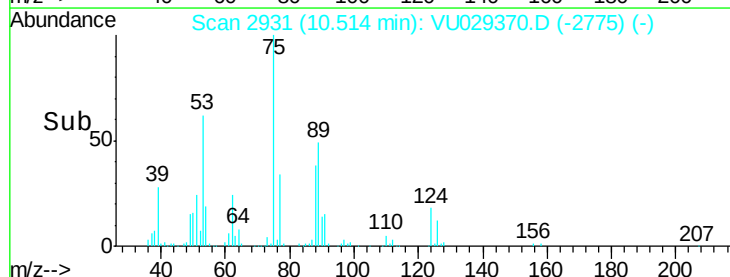
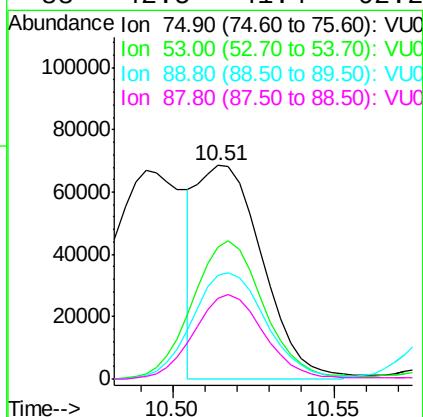
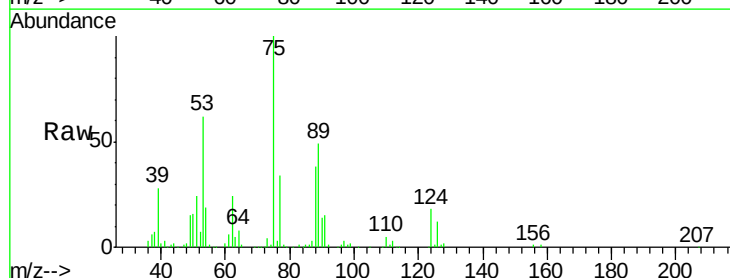
#45
 4-Methyl-2-Pentanone
 Concen: 47.352 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

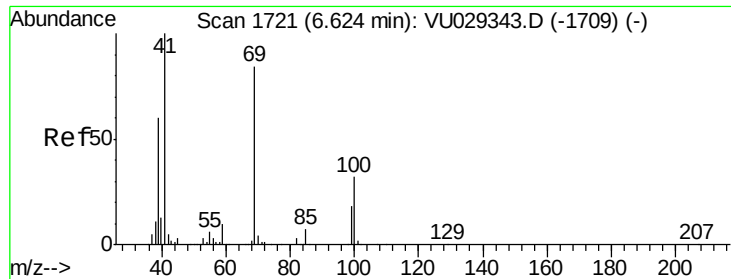
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.5	17.6	52.8
85	20.3	12.3	18.5



#46
 t-1,4-Dichloro-2-butene
 Concen: 19.525 ug/l m
 RT: 10.51 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

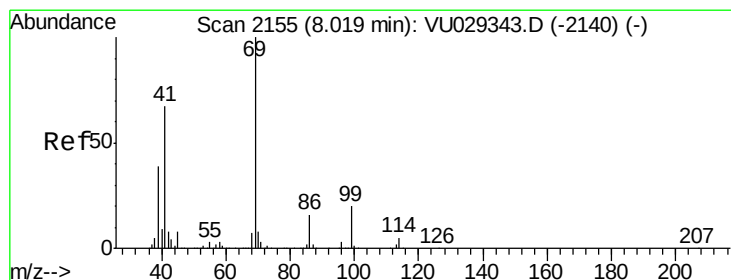
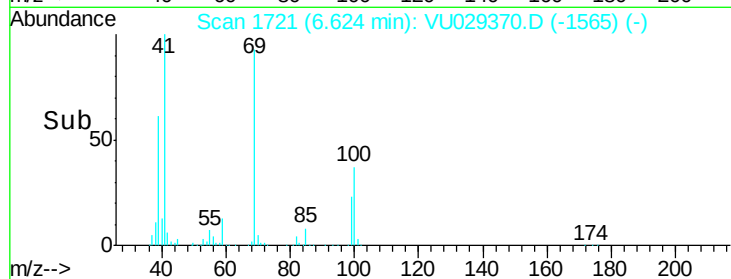
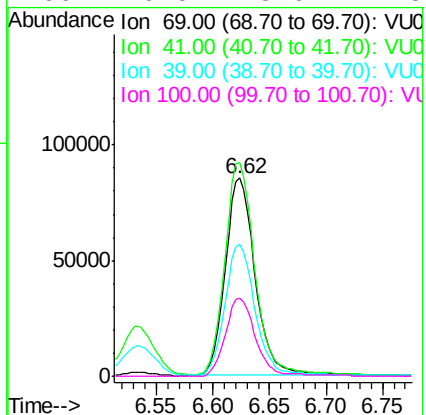
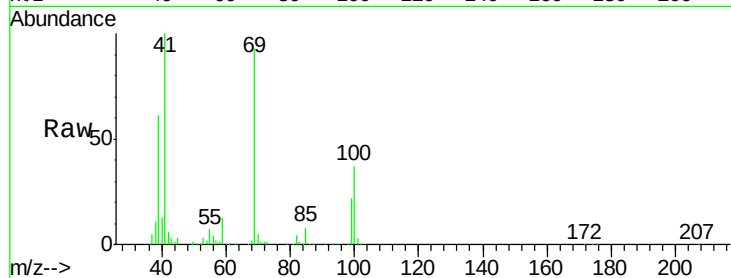
Tgt Ion	Ratio	Lower	Upper
75	100		
53	71.2	78.2	117.4
89	56.4	44.2	66.4
88	42.5	41.4	62.2





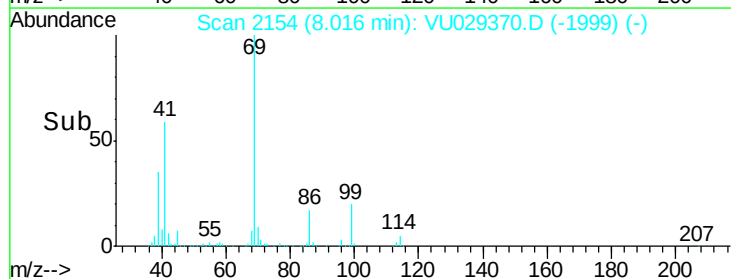
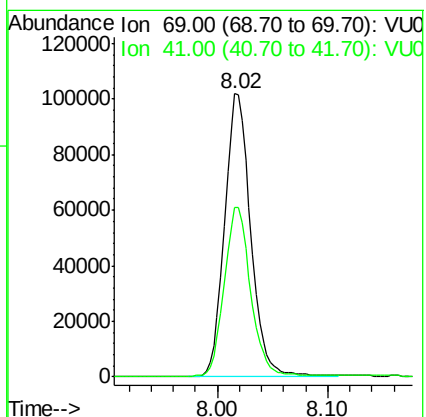
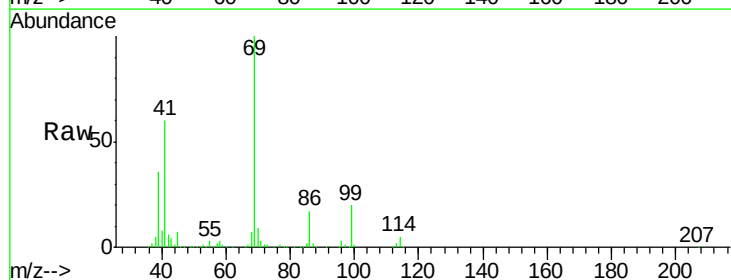
#47
Methvl methacrylate
Concen: 20.719 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

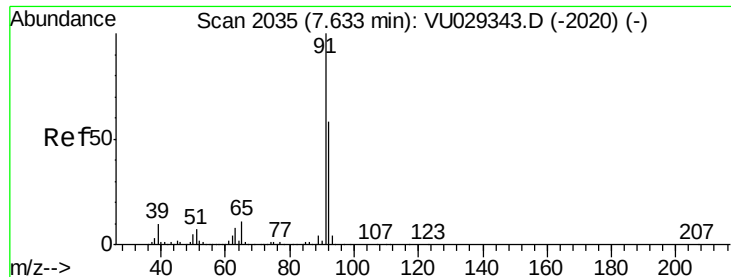
Tot Ion: 69 Resp: 157572
Ion Ratio Lower Upper
69 100
41 106.1 0.0 296.2
39 66.1 71.2 106.8#
100 40.0 28.6 42.8



#48
Ethyl methacrylate
Concen: 10.315 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion: 69 Resp: 168290
Ion Ratio Lower Upper
69 100
41 59.7 39.9 119.7





#49

Toluene

Concen: 10.380 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029370.D

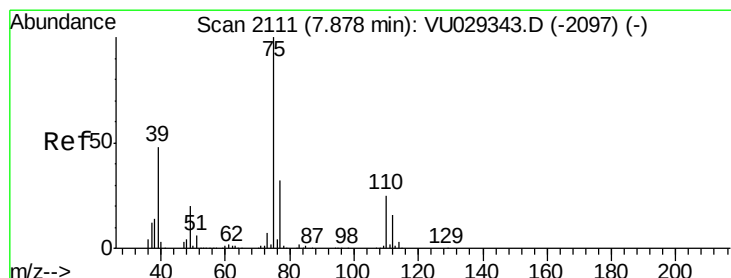
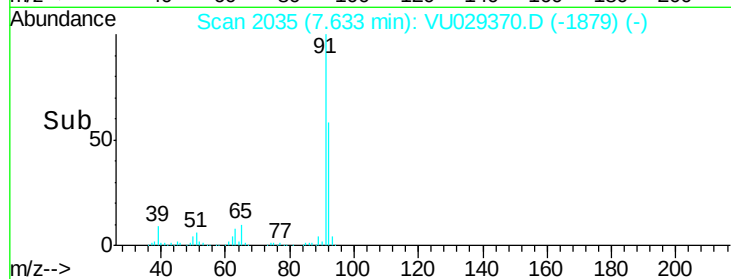
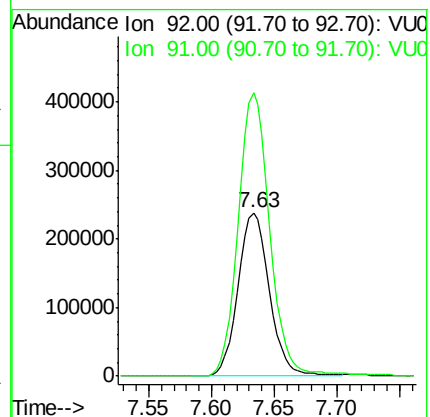
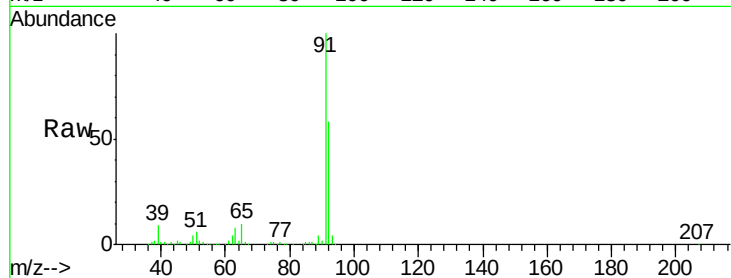
Acq: 07 Feb 2019 15:09

Tot Ion: 92 Resp: 414159

Ion Ratio Lower Upper

92 100

91 175.3 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 10.052 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU029370.D

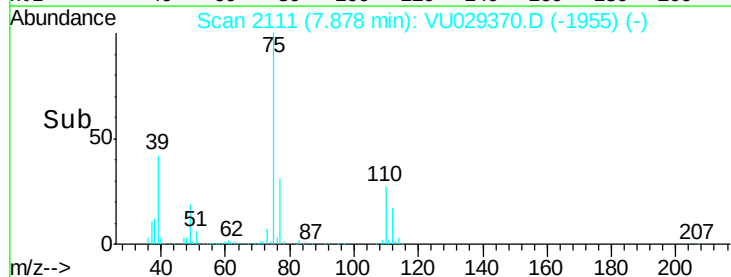
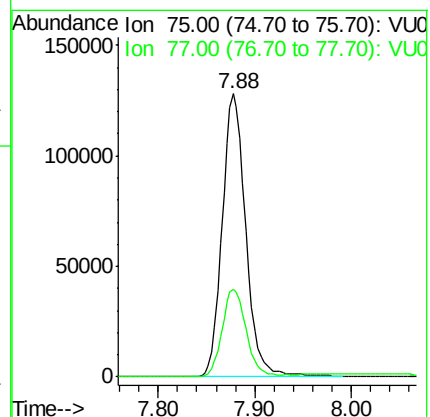
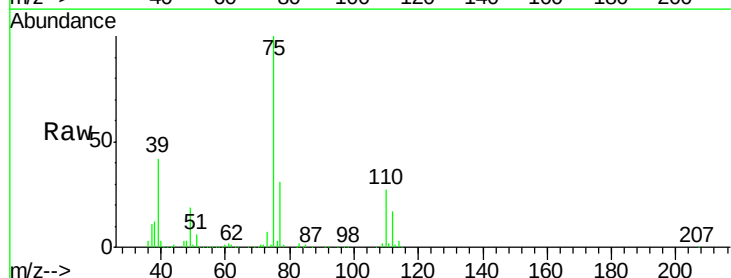
Acq: 07 Feb 2019 15:09

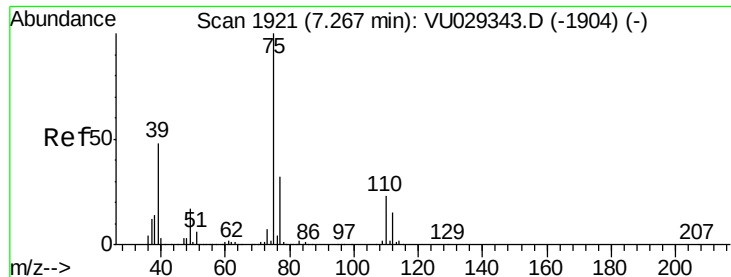
Tgt Ion: 75 Resp: 217024

Ion Ratio Lower Upper

75 100

77 31.0 23.6 35.4





#51

cis-1,3-Dichloropropene

Concen: 10.143 ug/l

RT: 7.27 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

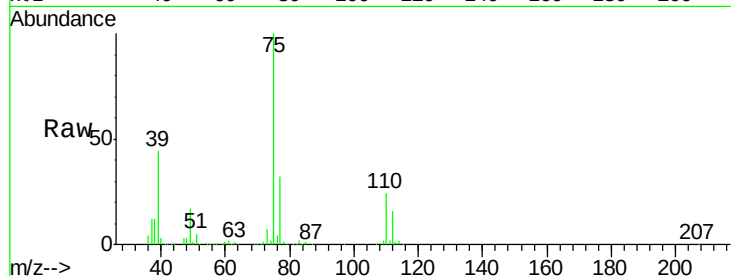
Tot Ion: 75 Resp: 260147

Ion Ratio Lower Upper

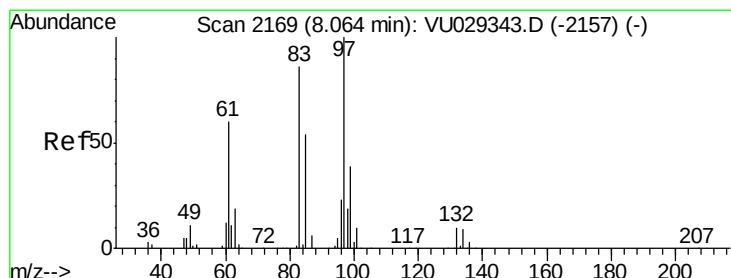
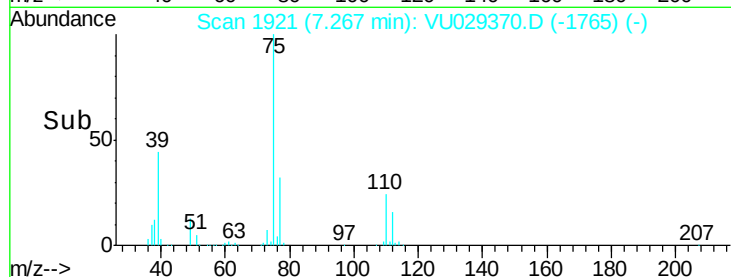
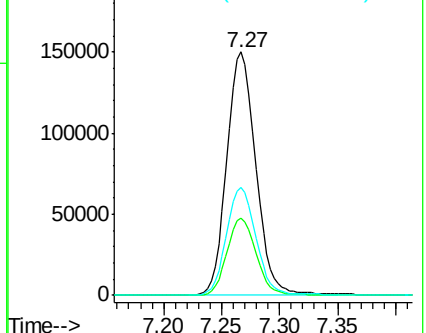
75 100

77 31.8 24.9 37.3

39 43.9 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: 10.850 ug/l

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tgt Ion: 97 Resp: 124157

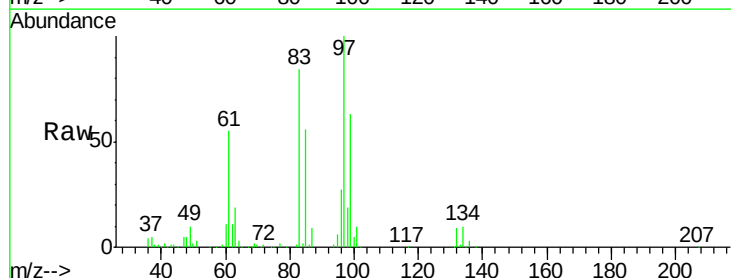
Ion Ratio Lower Upper

97 100

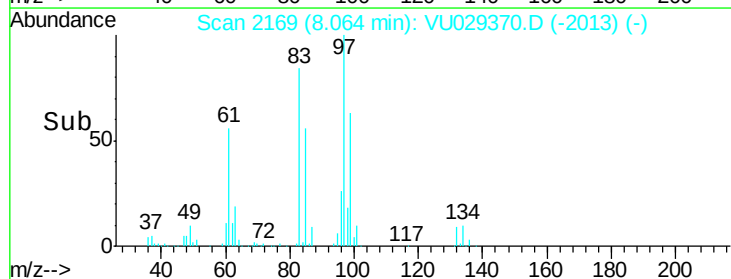
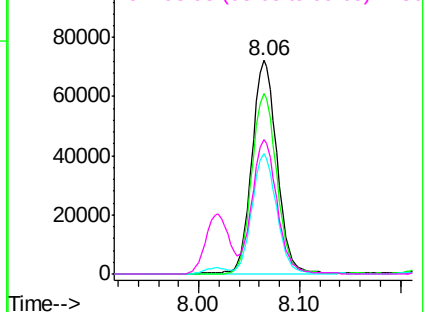
83 84.2 69.9 104.9

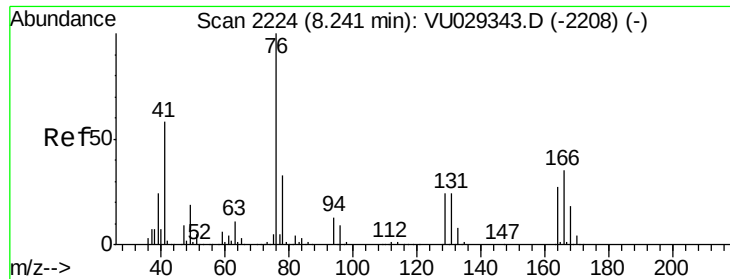
85 56.2 45.8 68.6

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: 10.247 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VU029370.D

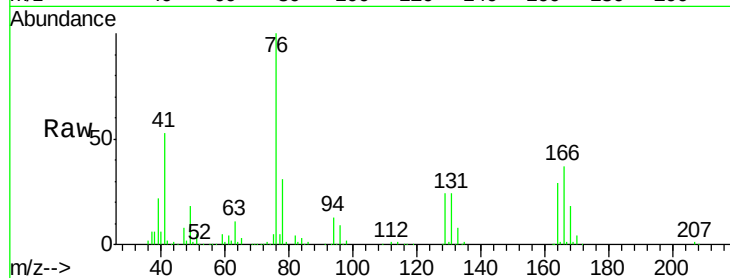
Acq: 07 Feb 2019 15:09

Tot Ion: 76 Resp: 205989

Ion Ratio Lower Upper

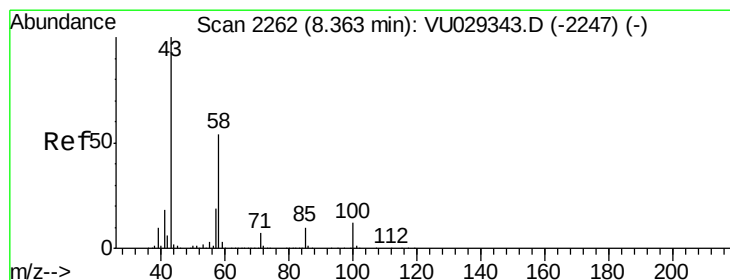
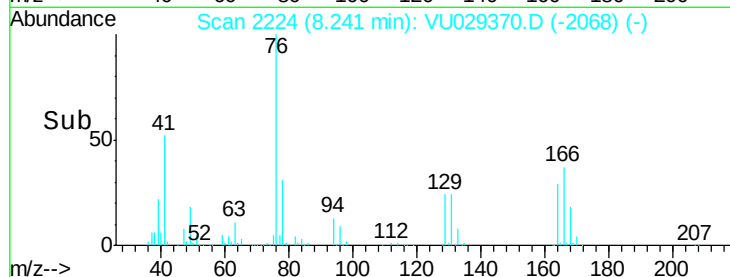
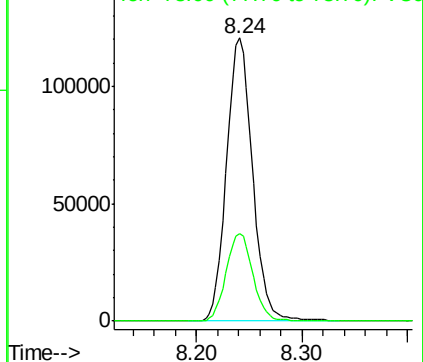
76 100

78 31.8 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: 47.541 ug/l

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

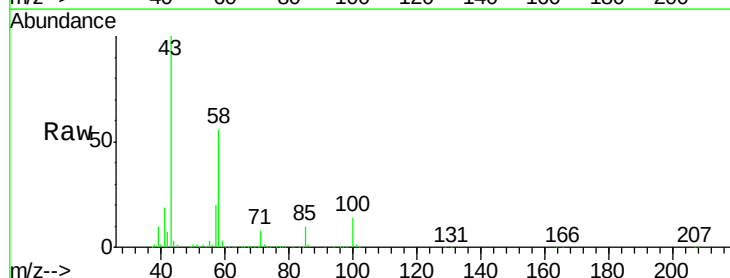
Tgt Ion: 43 Resp: 337662

Ion Ratio Lower Upper

43 100

58 56.6 26.0 66.0

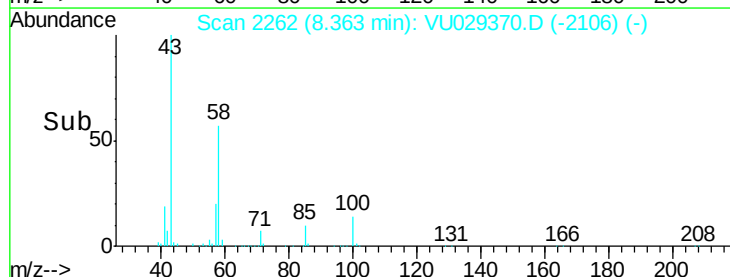
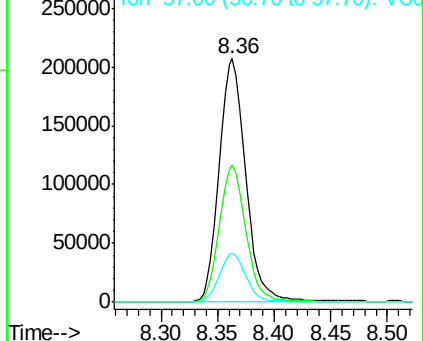
57 20.0 0.0 37.7

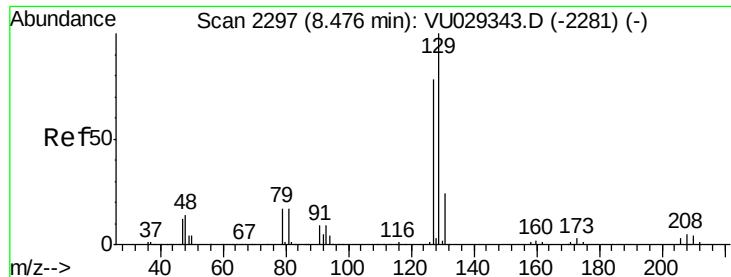


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.716 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU029370.D

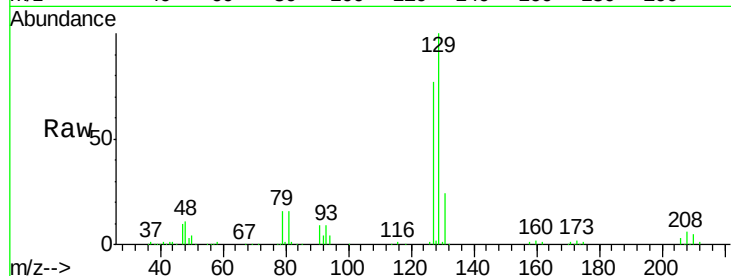
Acq: 07 Feb 2019 15:09

Tot Ion:129 Resp: 174297

Ion Ratio Lower Upper

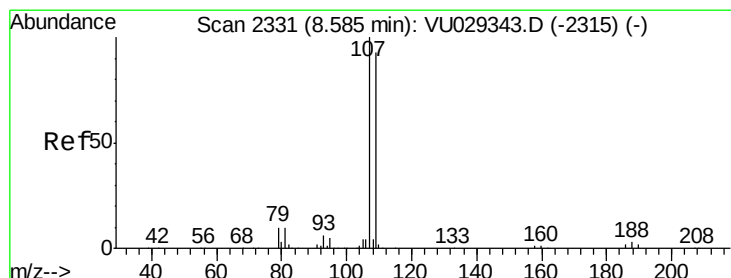
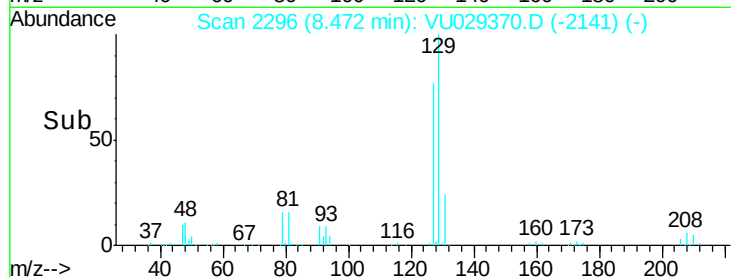
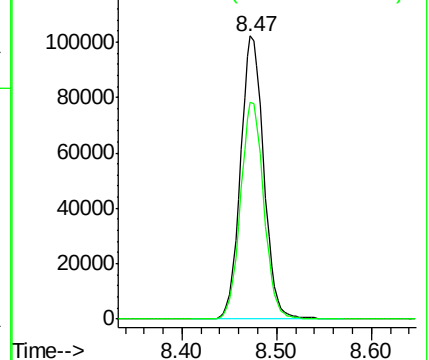
129 100

127 76.6 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: 10.310 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029370.D

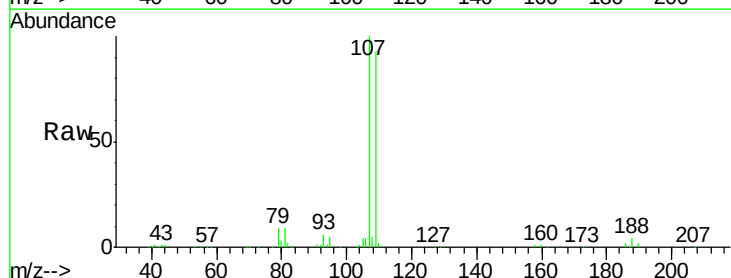
Acq: 07 Feb 2019 15:09

Tgt Ion:107 Resp: 121046

Ion Ratio Lower Upper

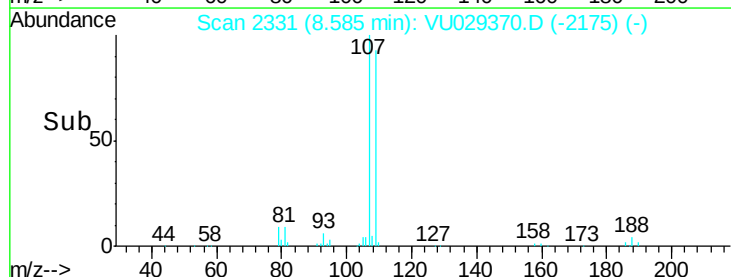
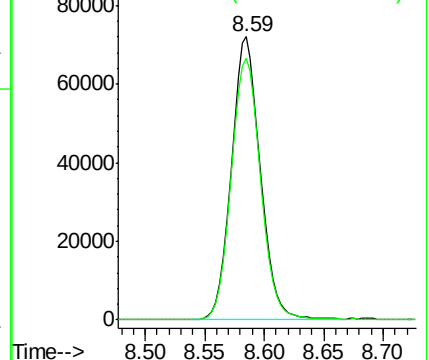
107 100

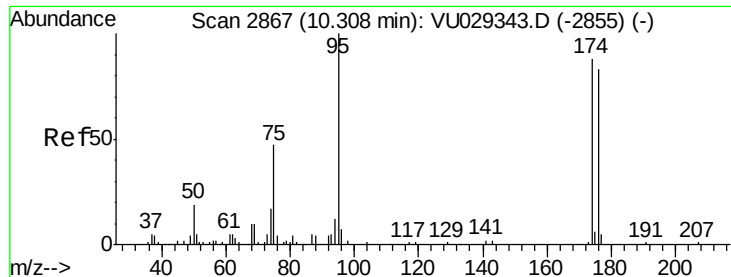
109 94.1 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

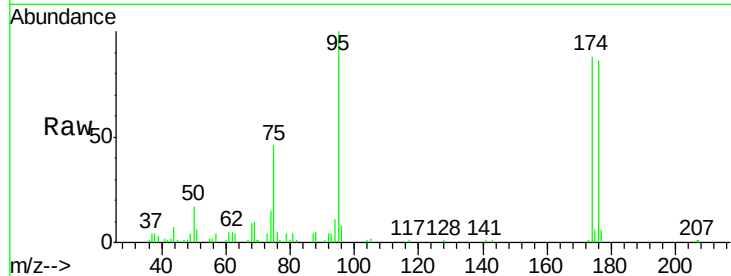
Ion 109.00 (108.70 to 109.70): V



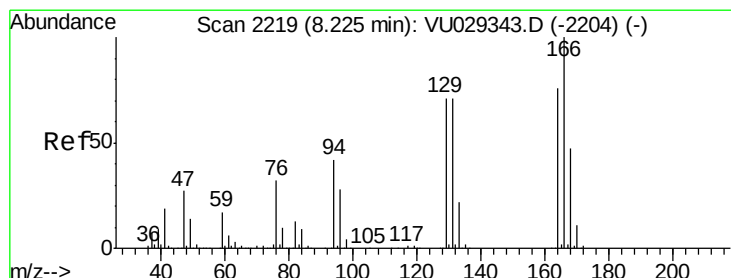
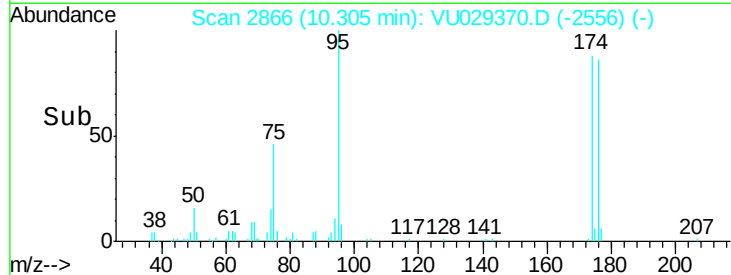
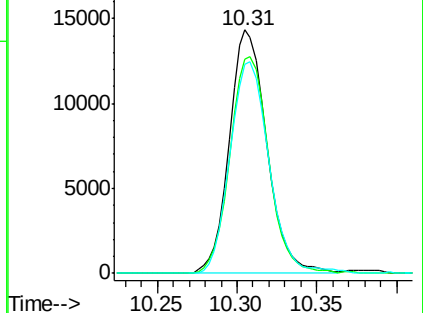


#57
4-Bromofluorobenzene
Concen: 10.310 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion:	95	Resp:	22913
Ion	Ratio	Lower	Upper
95	100		
174	91.2	64.2	96.2
176	90.2	62.3	93.5

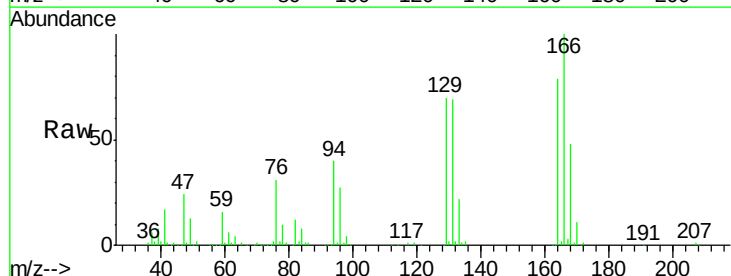


Abundance Ion 95.00 (94.70 to 95.70): VU029370.D (-2556) (-)
Ion 174.00 (173.70 to 174.70): VU029370.D (-2556) (-)
Ion 176.00 (175.70 to 176.70): VU029370.D (-2556) (-)

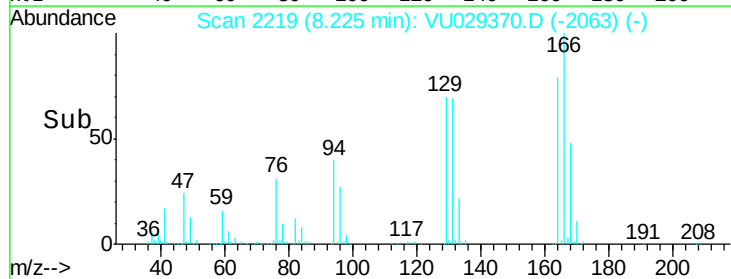
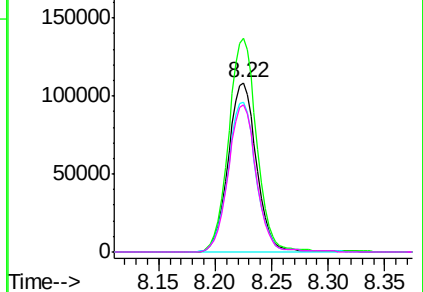


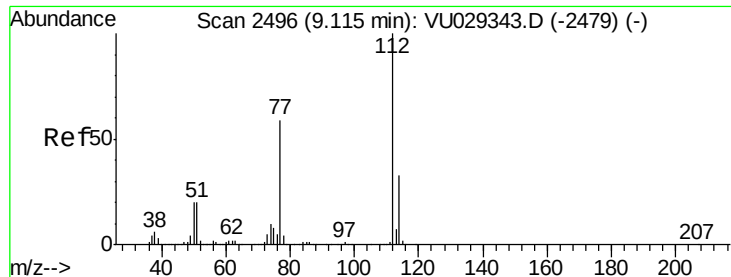
#58
Tetrachloroethene
Concen: 11.323 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion:	164	Resp:	188523
Ion	Ratio	Lower	Upper
164	100		
166	125.9	106.6	159.8
129	88.5	79.9	119.9
131	86.9	75.8	113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029370.D (-2063) (-)
Ion 165.80 (165.50 to 166.50): VU029370.D (-2063) (-)
Ion 128.90 (128.60 to 129.60): VU029370.D (-2063) (-)
Ion 130.90 (130.60 to 131.60): VU029370.D (-2063) (-)





#59

Chlorobenzene

Concen: 10.854 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU029370.D

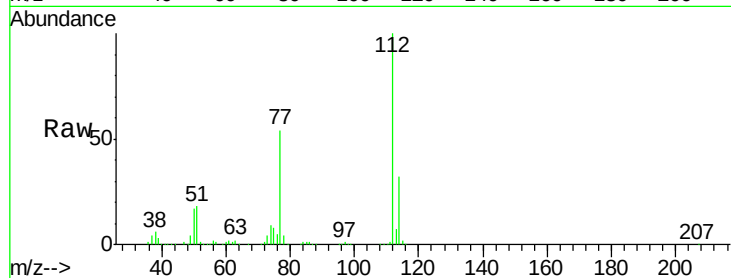
Acq: 07 Feb 2019 15:09

Tot Ion:112 Resp: 487884

Ion Ratio Lower Upper

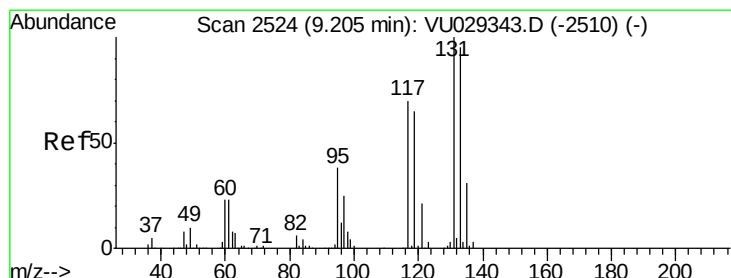
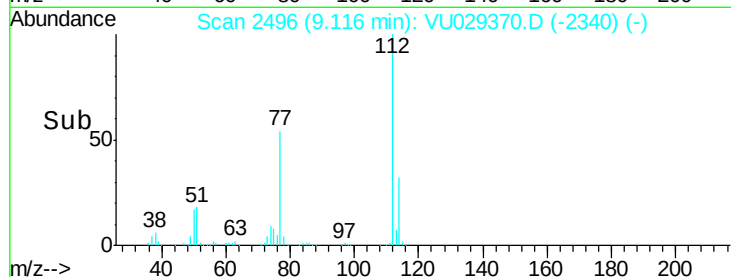
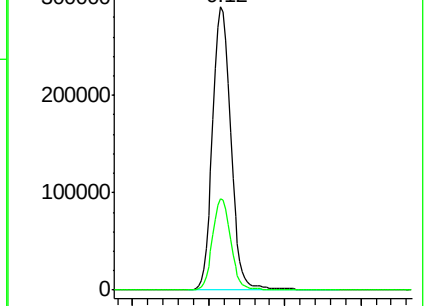
112 100

114 32.3 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: 10.883 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

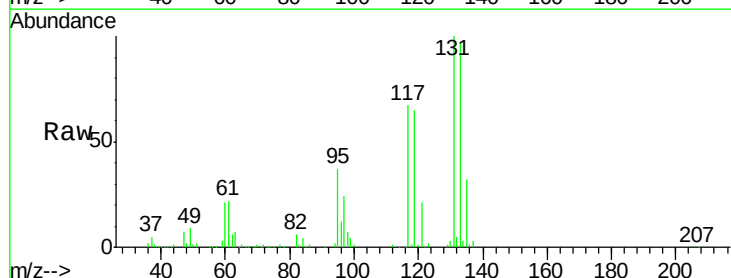
Tgt Ion:131 Resp: 180744

Ion Ratio Lower Upper

131 100

133 96.6 77.3 115.9

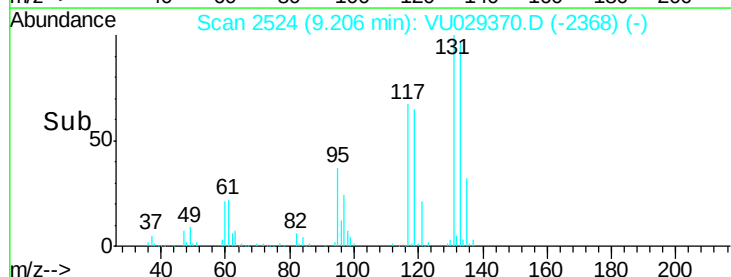
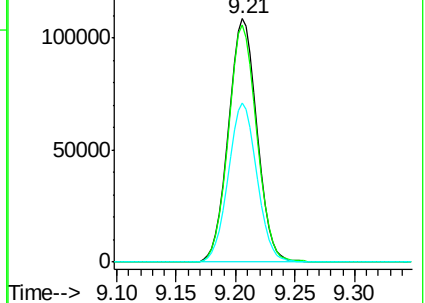
119 65.4 48.9 73.3

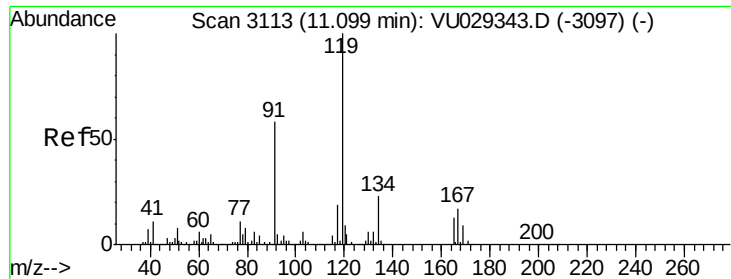


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

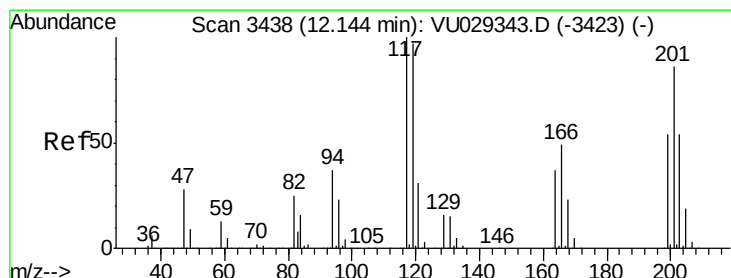
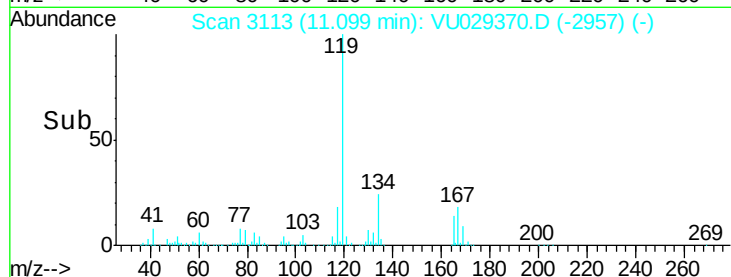
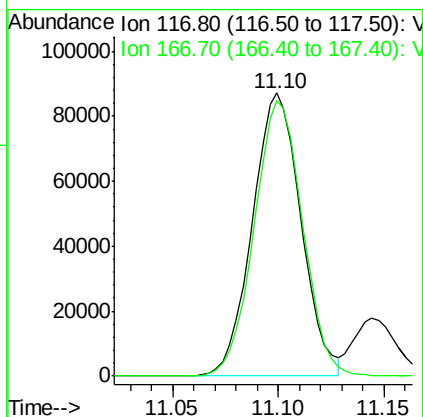
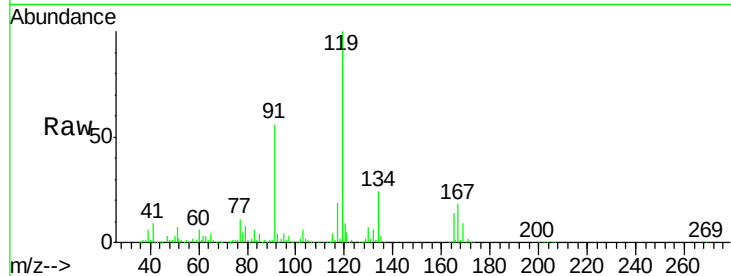
Ion 119.00 (118.70 to 119.70): V





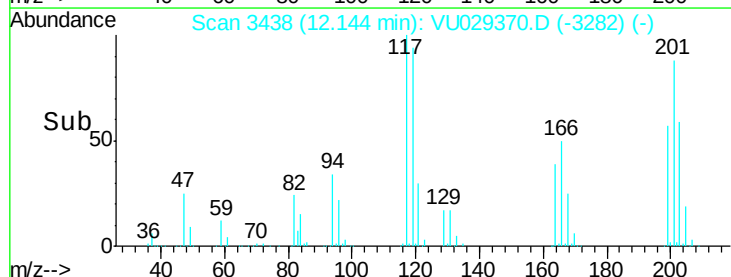
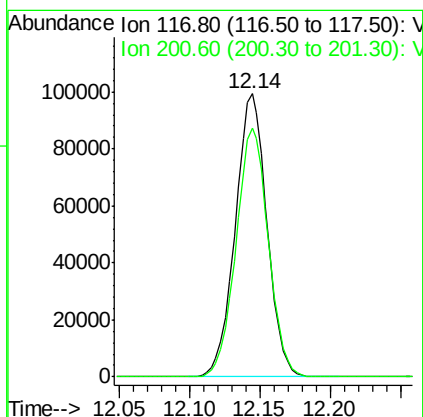
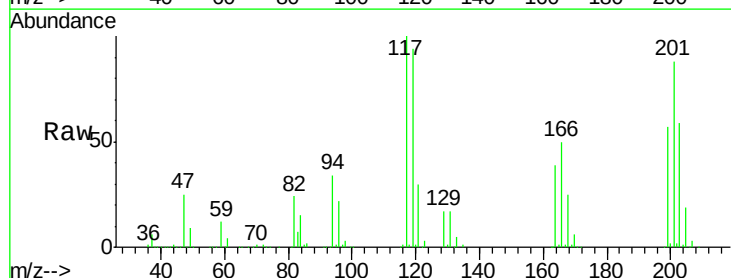
#61
 Pentachloroethane
 Concen: 10.849 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

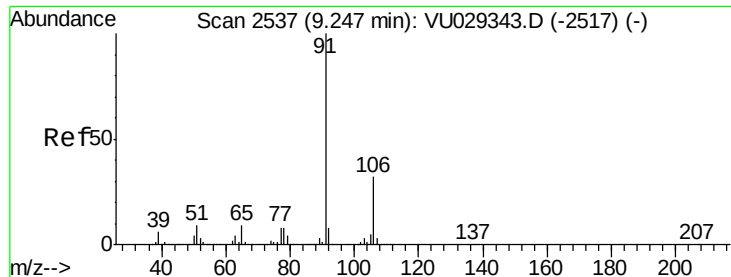
Tot Ion:117 Resp: 139654
 Ion Ratio Lower Upper
 117 100
 167 96.8 65.9 98.9



#62
 Hexachloroethane
 Concen: 11.109 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

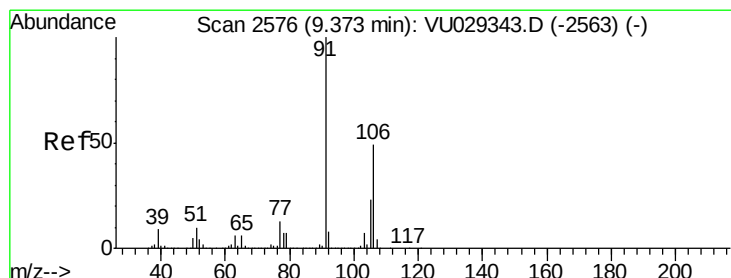
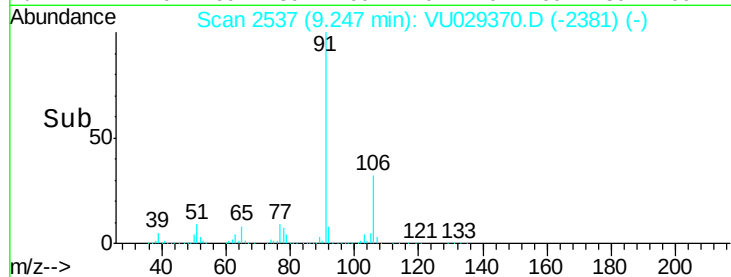
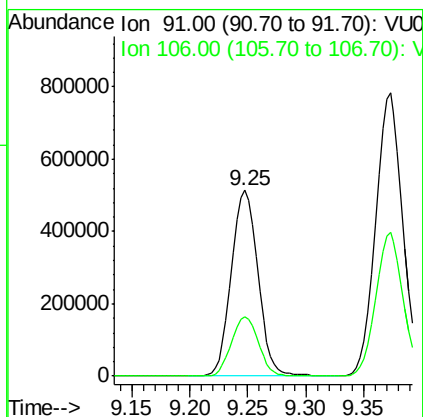
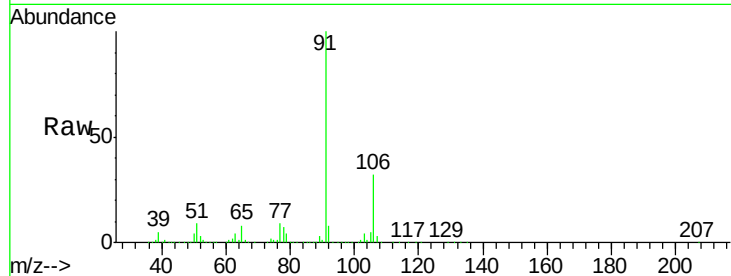
Tgt Ion:117 Resp: 156069
 Ion Ratio Lower Upper
 117 100
 201 89.4 68.2 102.2





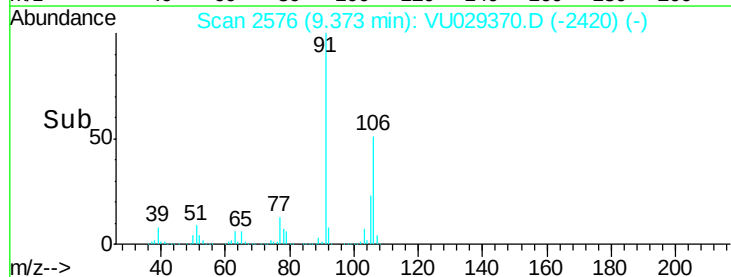
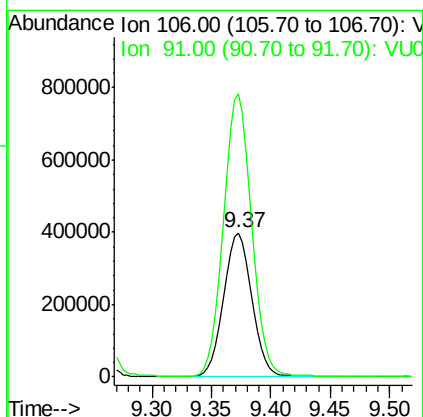
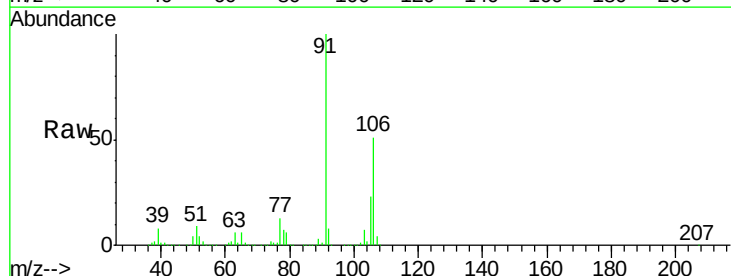
#63
Ethyl Benzene
Concen: 10.497 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

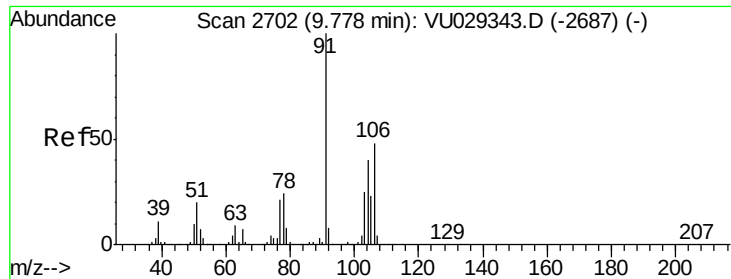
Tot Ion: 91 Resp: 819360
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6



#64
m/p-Xylenes
Concen: 21.601 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

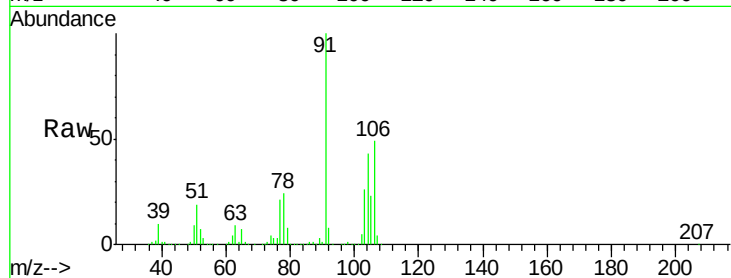
Tgt Ion: 106 Resp: 655254
Ion Ratio Lower Upper
106 100
91 195.4 174.6 261.8



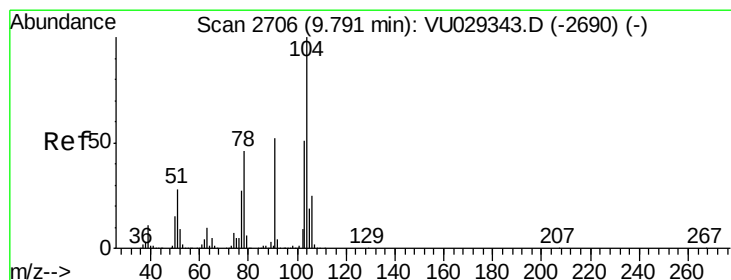
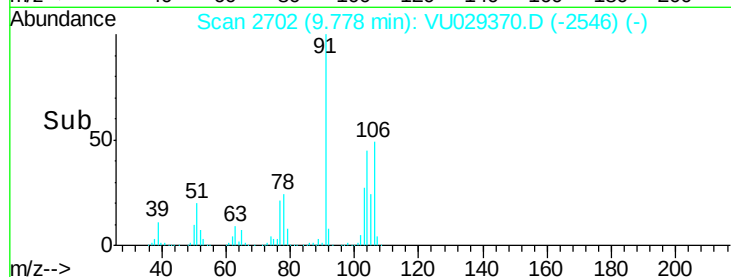
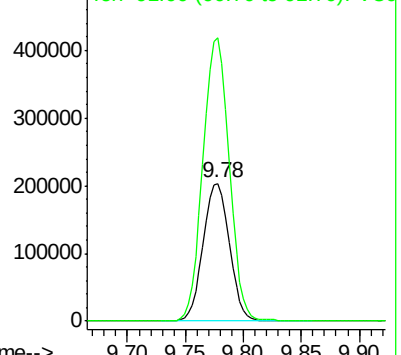


#65
o-Xylene
Concen: 10.770 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion:106 Resp: 320693
Ion Ratio Lower Upper
106 100
91 205.6 114.5 343.4

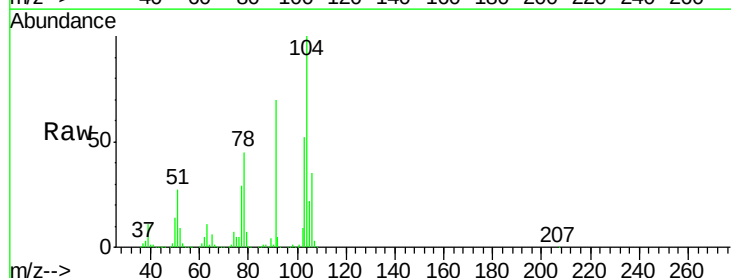


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

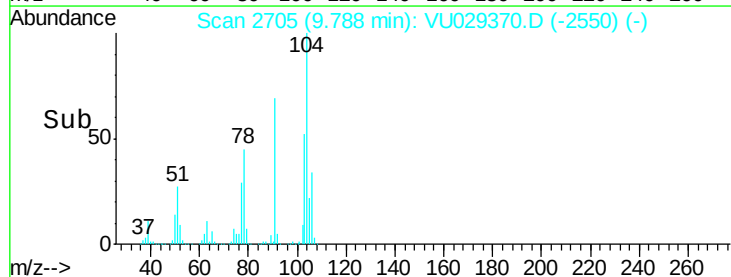
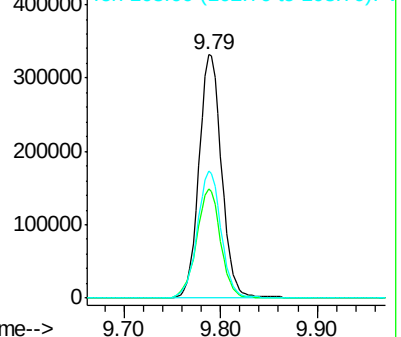


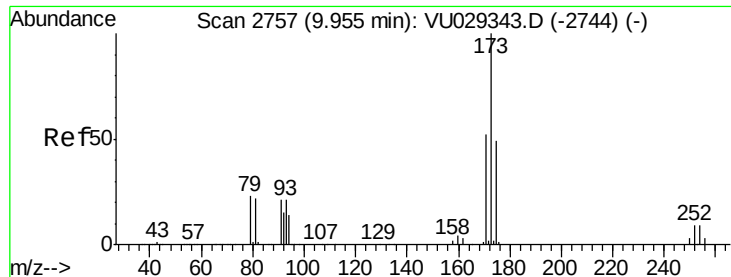
#66
Styrene
Concen: 10.872 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion:104 Resp: 539623
Ion Ratio Lower Upper
104 100
78 47.7 46.5 69.7
103 55.0 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: 10.838 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

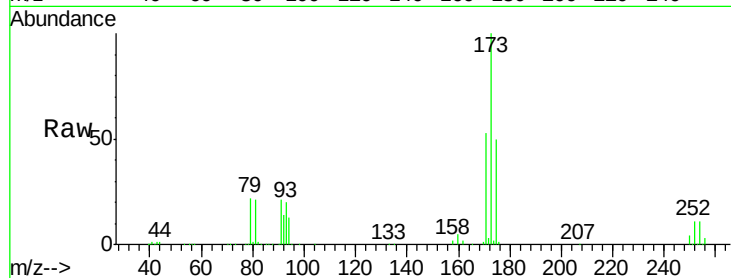
Tot Ion:173 Resp: 109662

Ion Ratio Lower Upper

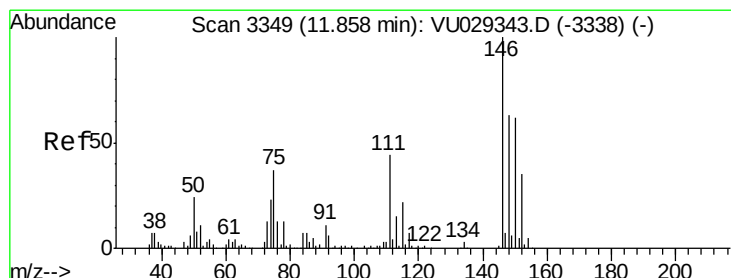
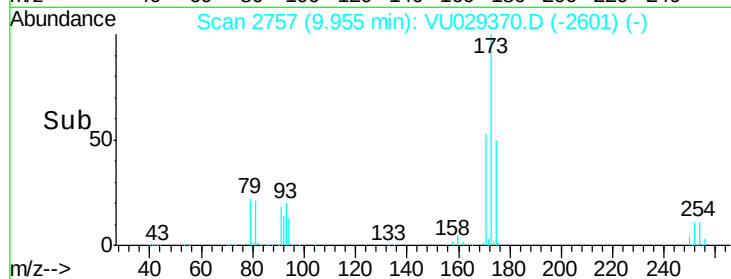
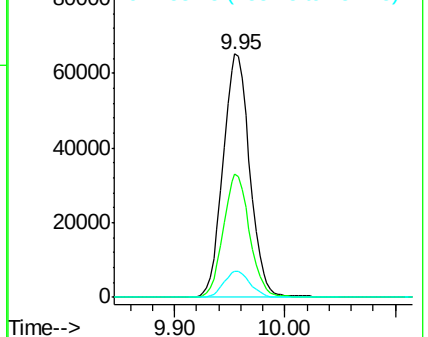
173 100

175 49.8 38.9 58.3

254 10.5 7.4 11.2



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



#68

1,2-Dichlorobenzene-d4

Concen: 10.838 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

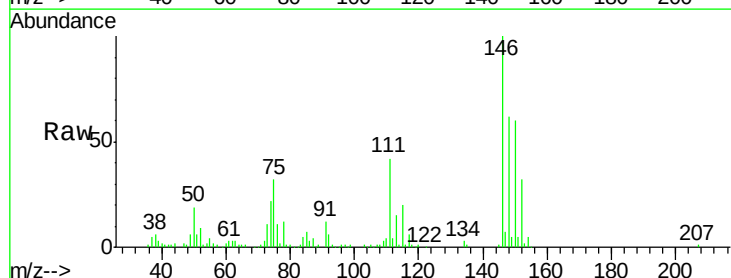
Tgt Ion:152 Resp: 25995

Ion Ratio Lower Upper

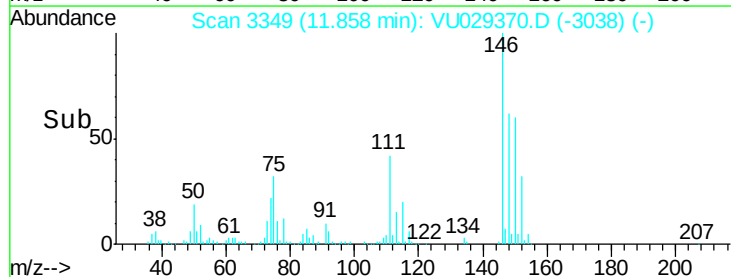
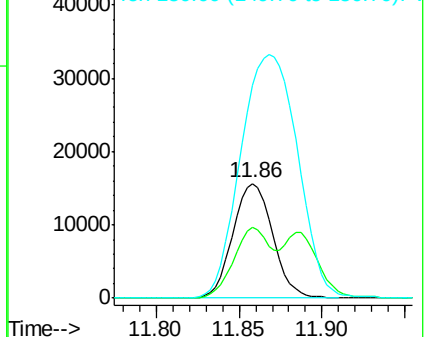
152 100

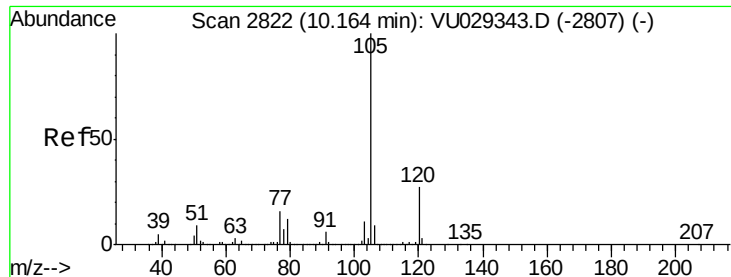
115 56.1 0.0 133.4

150 306.5 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: 10.715 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029370.D

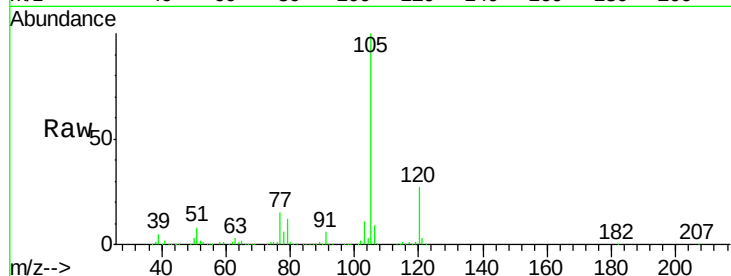
Acq: 07 Feb 2019 15:09

Tot Ion:105 Resp: 852384

Ion Ratio Lower Upper

105 100

120 27.6 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.16

600000

500000

400000

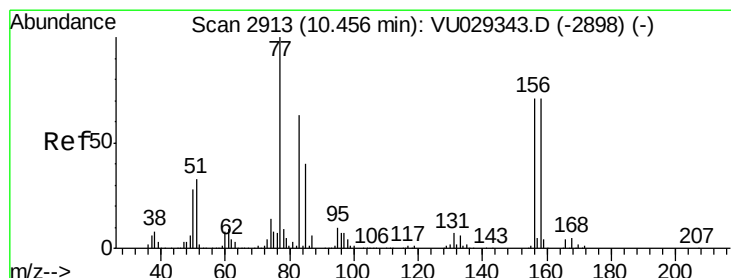
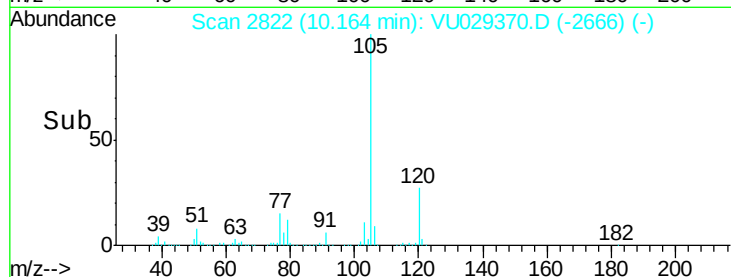
300000

200000

100000

0

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 10.454 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

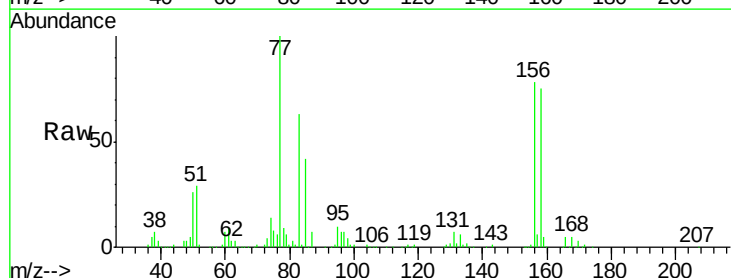
Tgt Ion: 83 Resp: 153319

Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

85 65.1 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

10.46

120000

100000

80000

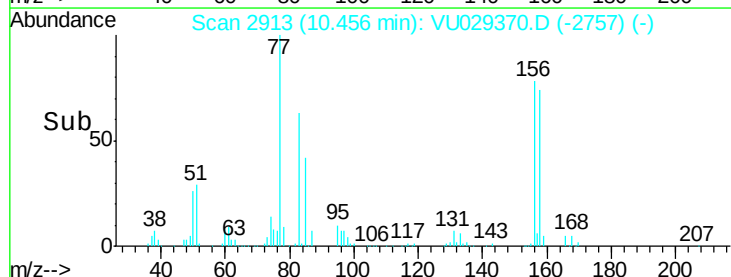
60000

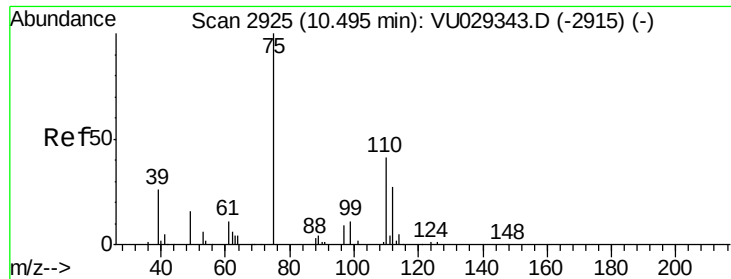
40000

20000

0

Time-->

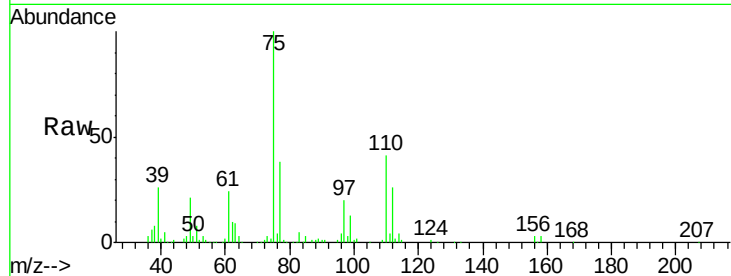




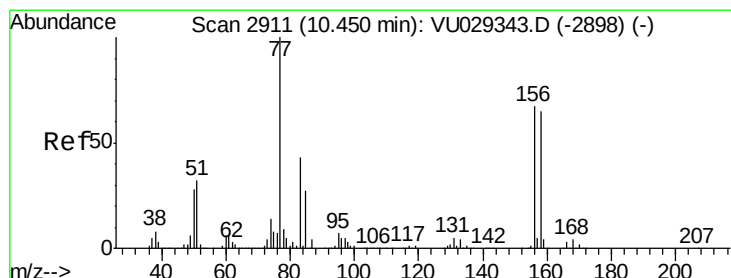
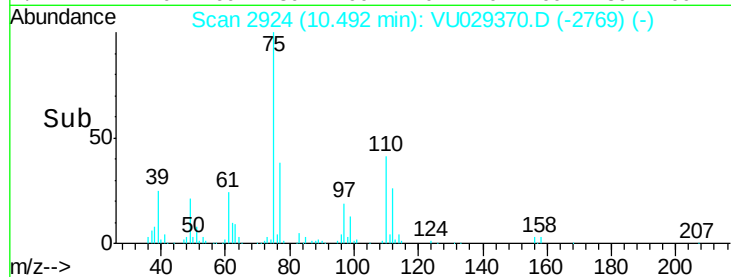
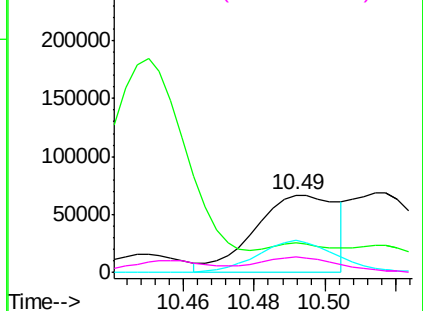
#71

1,2,3-Trichloropropane
Concen: 10.872 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion:	75	Resp:	109506
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	39.4	0.0	63.6
97	19.1	0.0	31.4



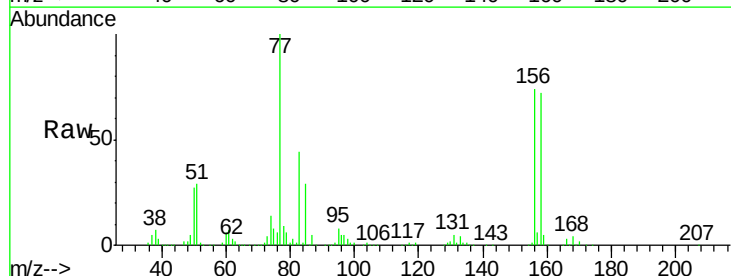
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0



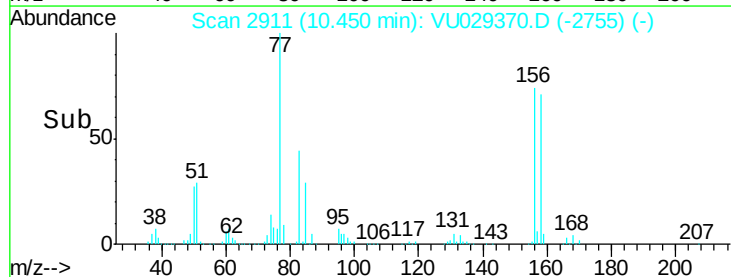
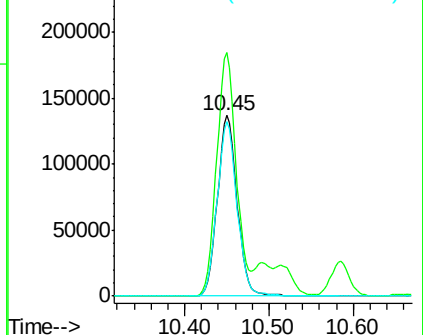
#72

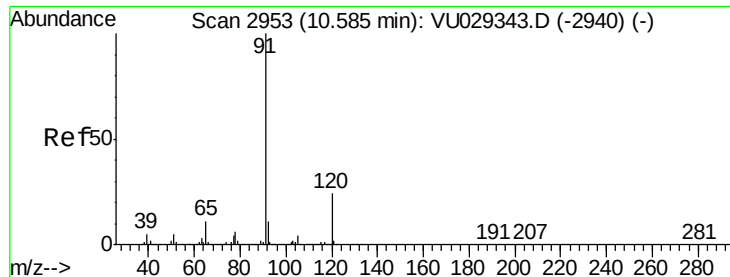
Bromobenzene
Concen: 11.548 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion:	156	Resp:	222667
Ion	Ratio	Lower	Upper
156	100		
77	134.3	0.0	343.8
158	97.3	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: 11.193 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU029370.D

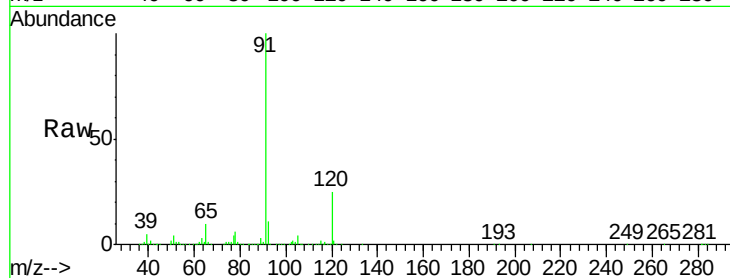
Acq: 07 Feb 2019 15:09

Tot Ion:120 Resp: 247994

Ion Ratio Lower Upper

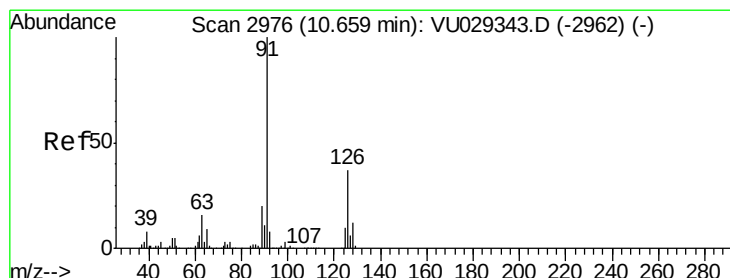
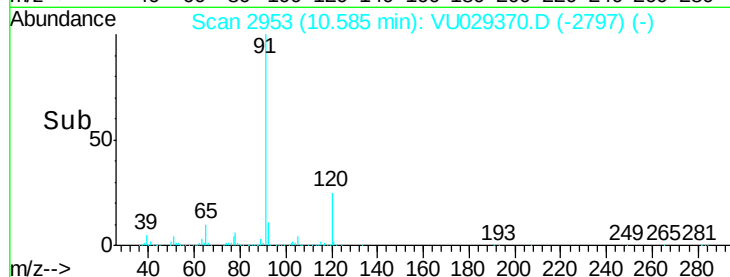
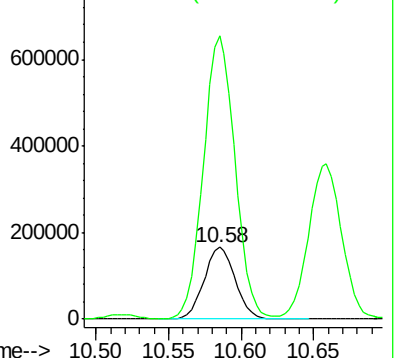
120 100

91 397.5 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.165 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029370.D

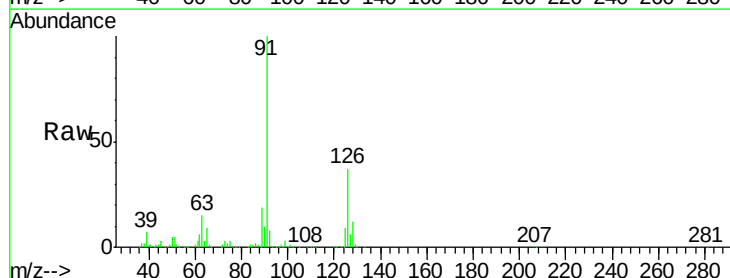
Acq: 07 Feb 2019 15:09

Tgt Ion:126 Resp: 210656

Ion Ratio Lower Upper

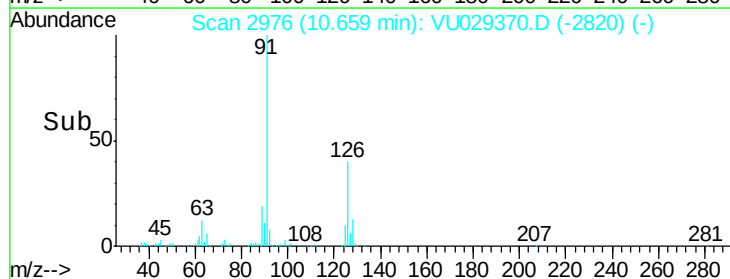
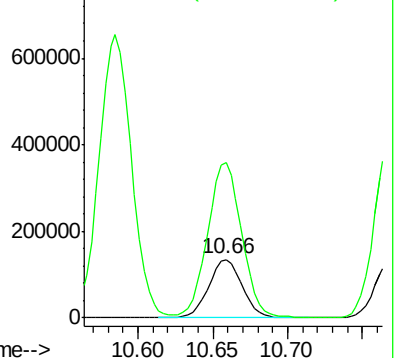
126 100

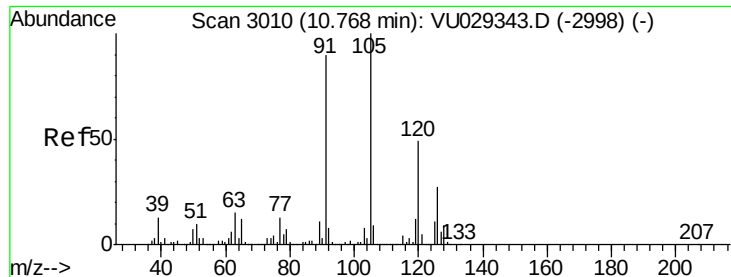
91 266.8 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

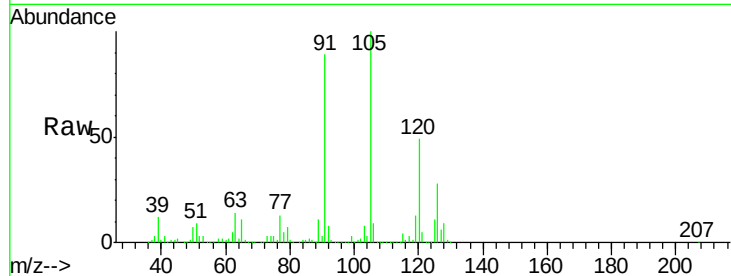




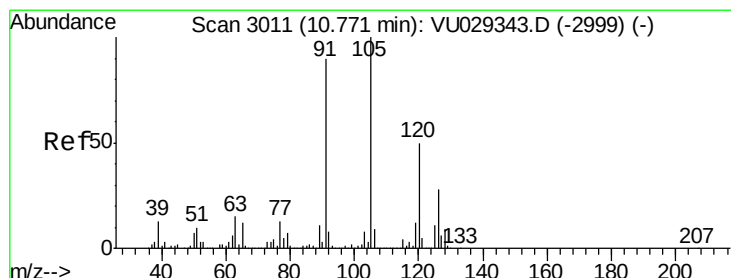
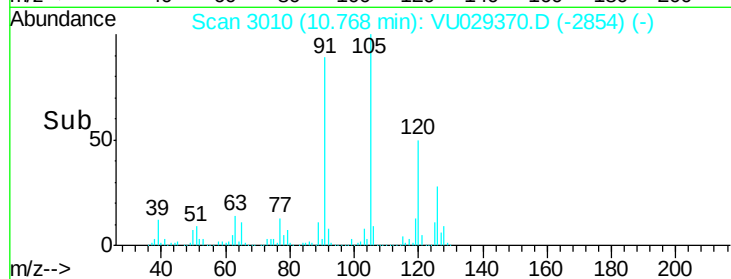
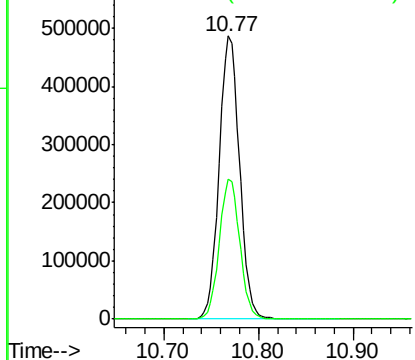
#75

1,3,5-Trimethylbenzene
Concen: 10.591 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion	105	Resp	726363
Ion Ratio	Lower	Upper	
105	100		
120	49.9	37.3	55.9



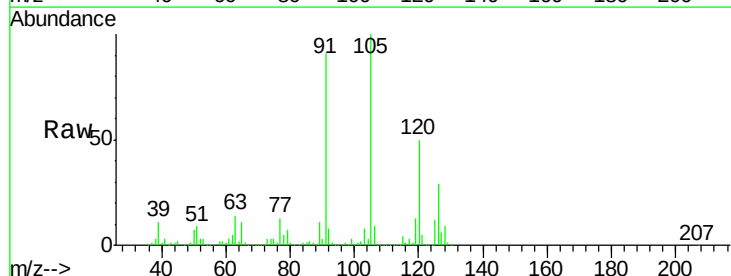
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



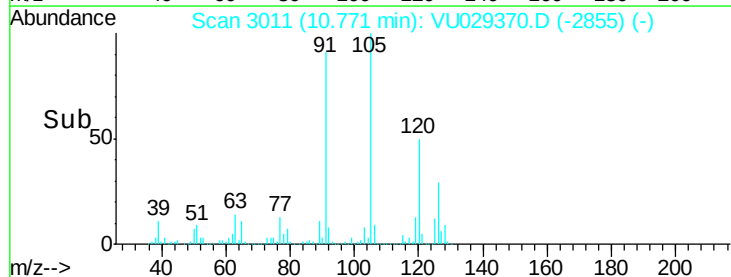
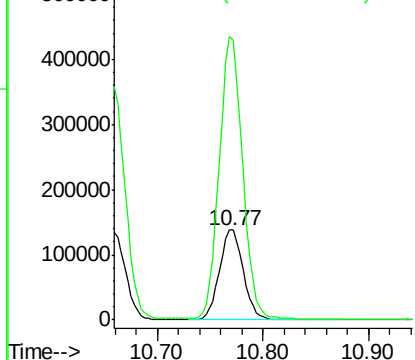
#76

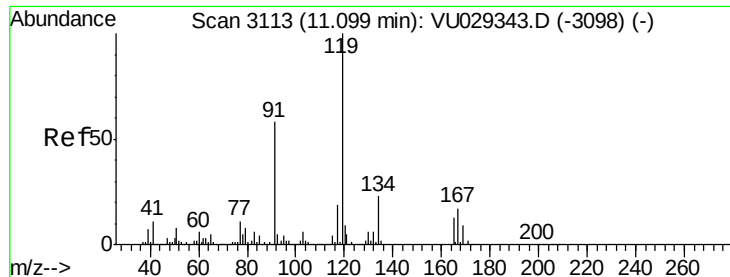
4-Chlorotoluene
Concen: 11.094 ug/l
RT: 10.77 min Scan# 3011
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion	126	Resp	217246
Ion Ratio	Lower	Upper	
126	100		
91	309.3	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: 10.884 ug/l

RT: 11.10 min Scan# 3113

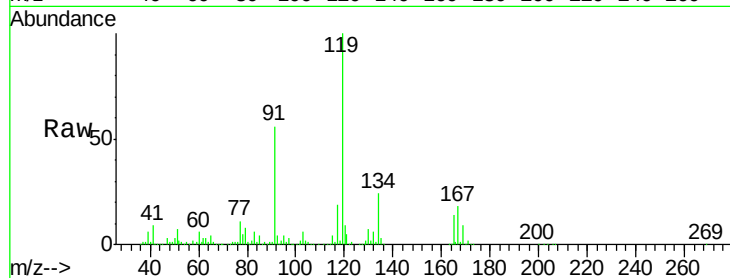
Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

Tot Ion:119 Resp: 737828

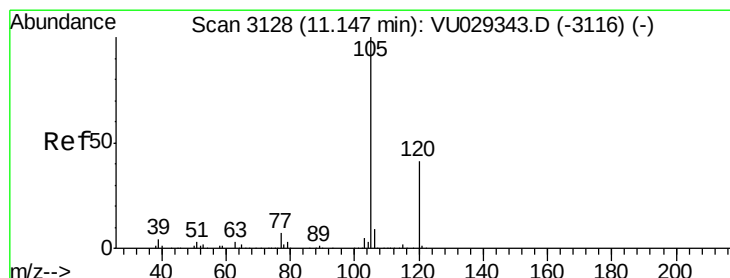
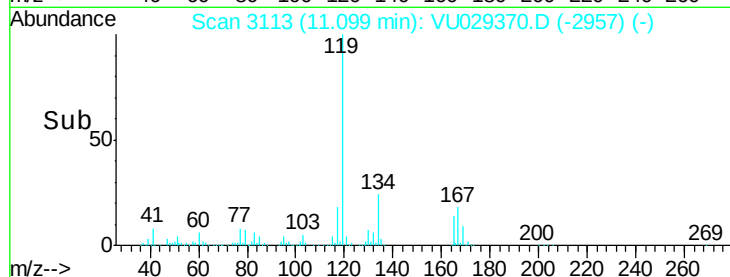
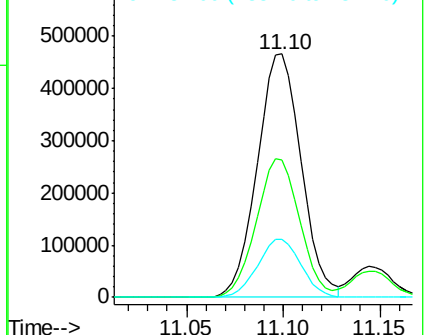
Ion	Ratio	Lower	Upper
119	100		
91	56.1	32.2	96.6
134	23.7	17.6	26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 10.624 ug/l

RT: 11.14 min Scan# 3127

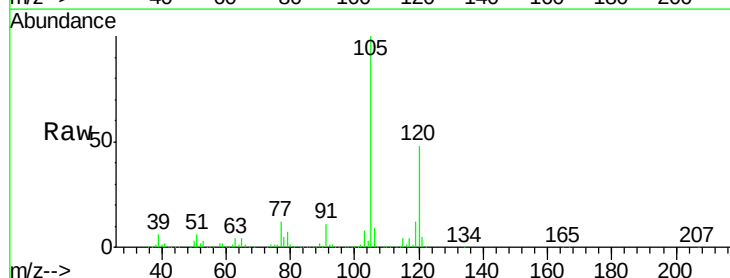
Delta R.T. -0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

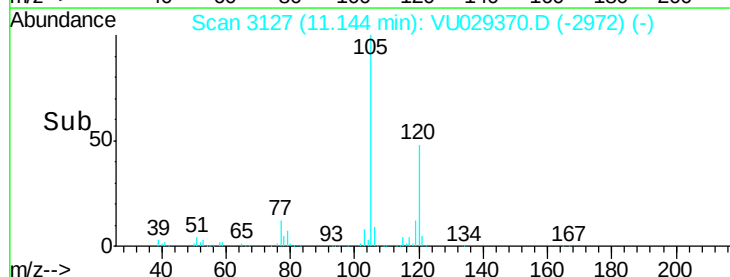
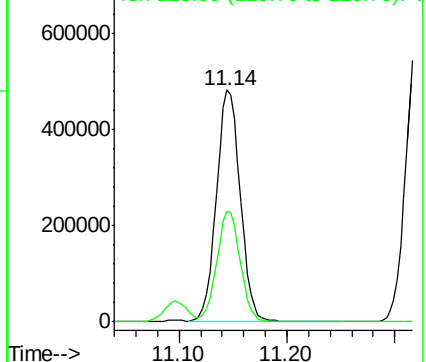
Tgt Ion:105 Resp: 737653

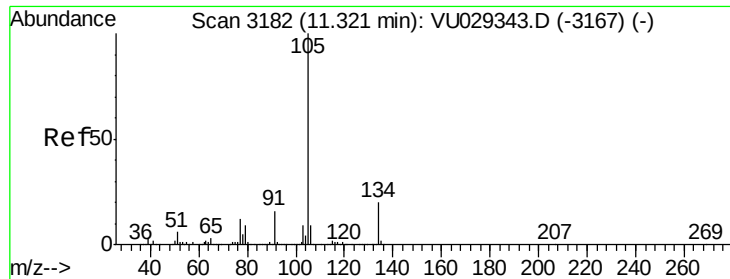
Ion	Ratio	Lower	Upper
105	100		
120	46.9	21.4	64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.720 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029370.D

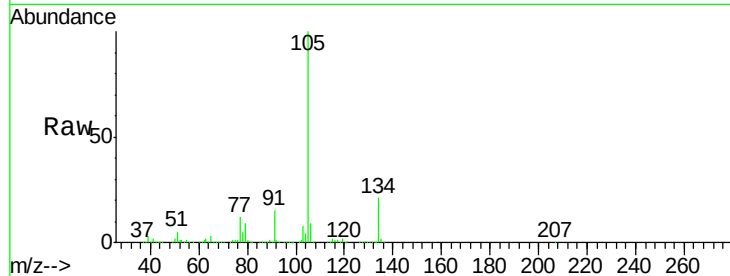
Acq: 07 Feb 2019 15:09

Tot Ion:105 Resp: 950888

Ion Ratio Lower Upper

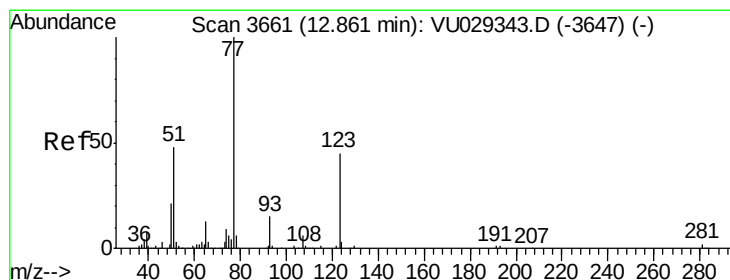
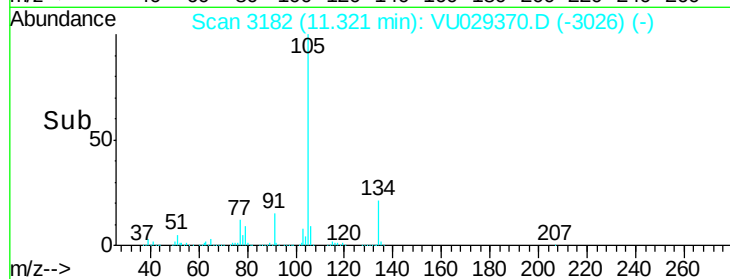
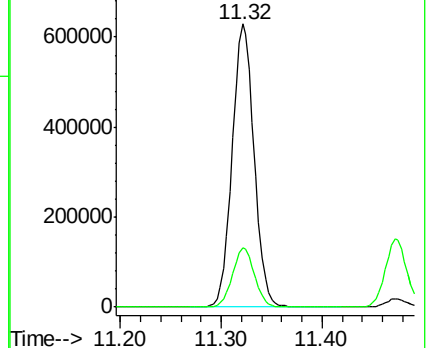
105 100

134 21.1 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: 47.119 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

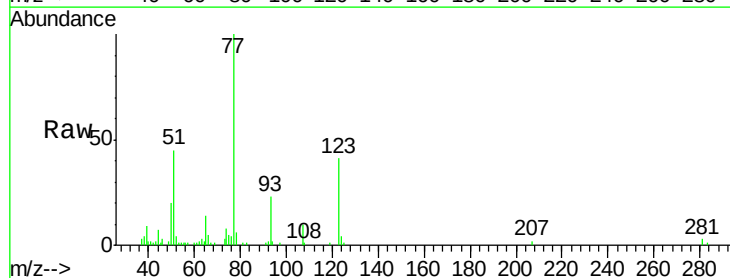
Tgt Ion: 77 Resp: 30790

Ion Ratio Lower Upper

77 100

123 48.2 17.5 61.9

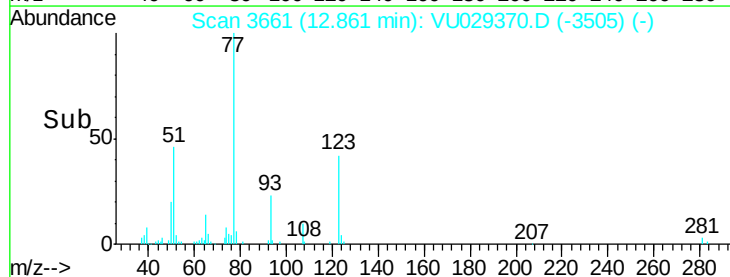
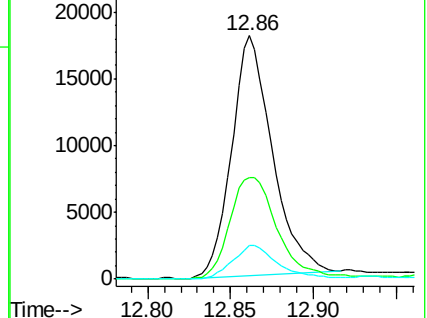
65 14.8 10.8 13.8#

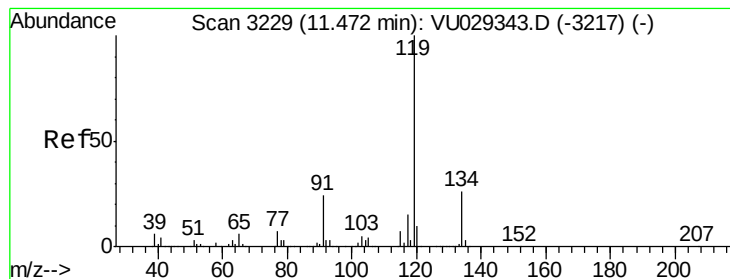


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 10.995 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

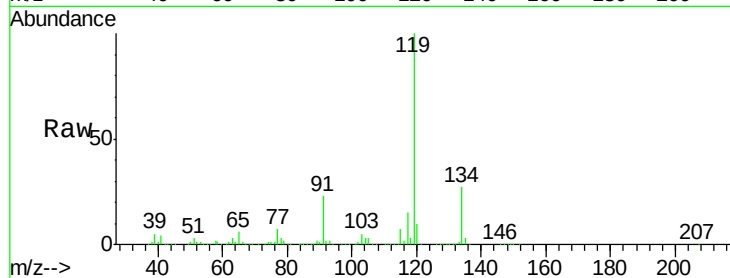
Tot Ion:119 Resp: 826721

Ion	Ratio	Lower	Upper
119	100		
134	27.3	19.8	29.6
91	22.7	21.5	32.3

119 100

134 27.3 19.8 29.6

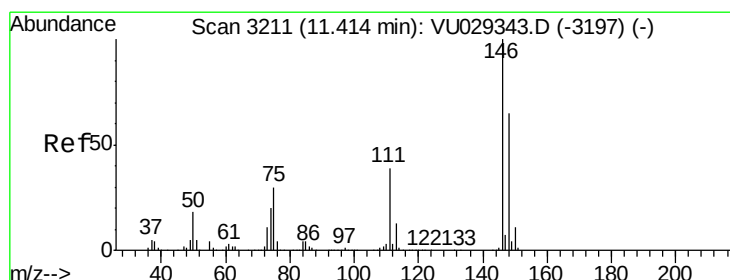
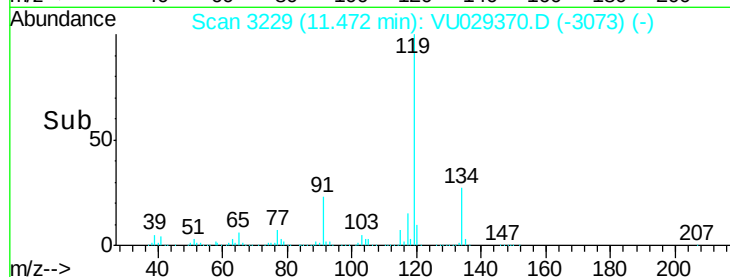
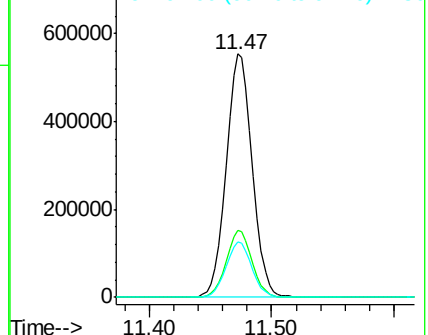
91 22.7 21.5 32.3



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: 11.357 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

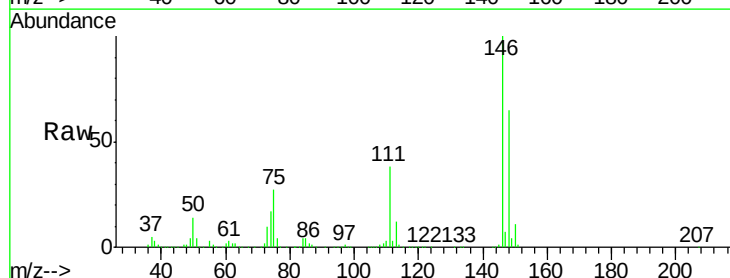
Tgt Ion:146 Resp: 429646

Ion	Ratio	Lower	Upper
146	100		
111	38.0	34.1	51.1
148	64.6	52.3	78.5

146 100

111 38.0 34.1 51.1

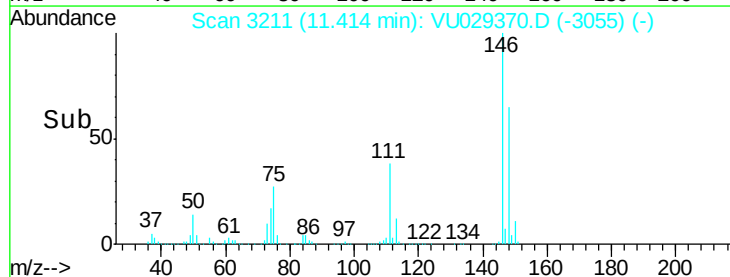
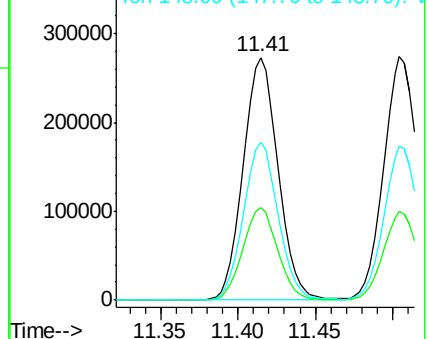
148 64.6 52.3 78.5

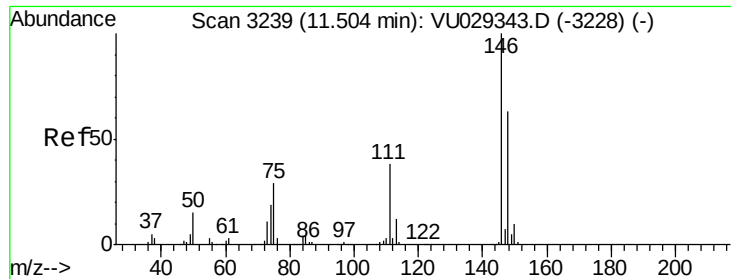


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 11.455 ug/l

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

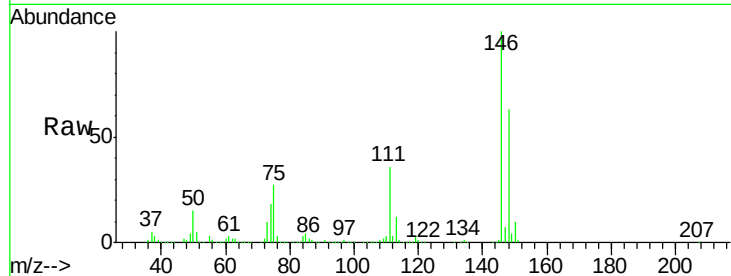
Tot Ion:146 Resp: 431577

Ion Ratio Lower Upper

146 100

111 35.9 32.9 49.3

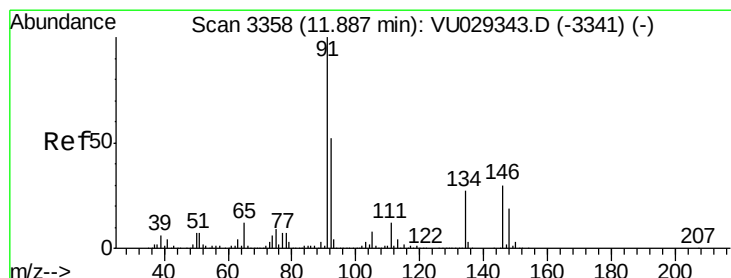
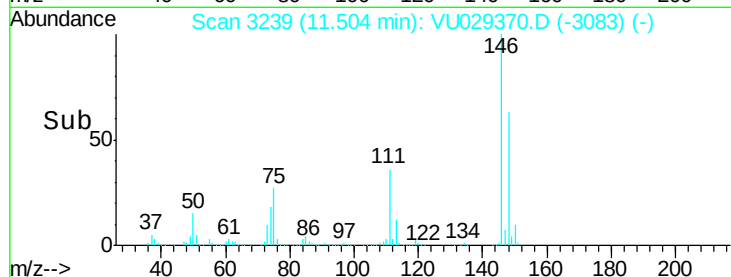
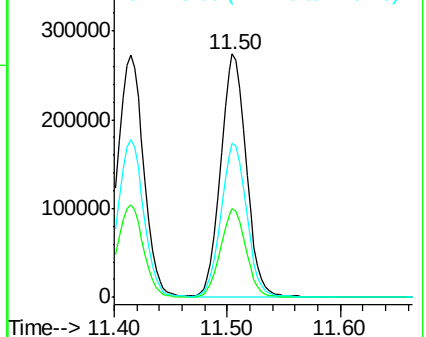
148 63.7 51.8 77.6



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: 10.636 ug/l

RT: 11.89 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VU029370.D

Acq: 07 Feb 2019 15:09

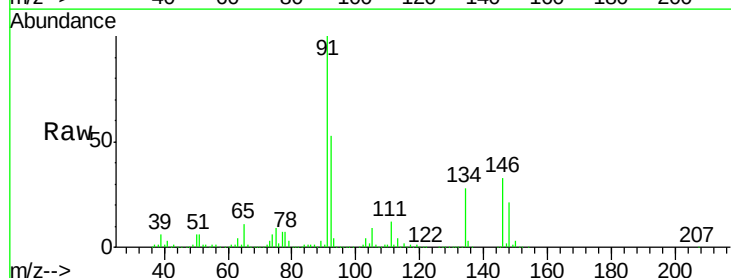
Tgt Ion: 91 Resp: 733898

Ion Ratio Lower Upper

91 100

92 53.4 41.0 61.6

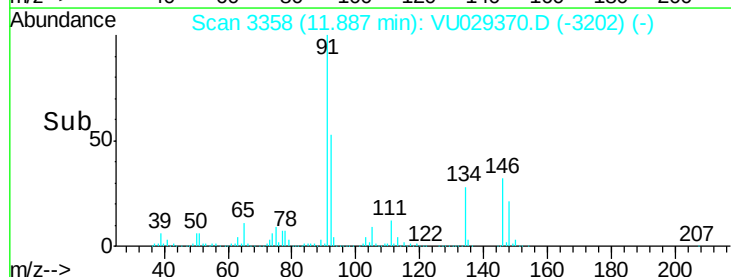
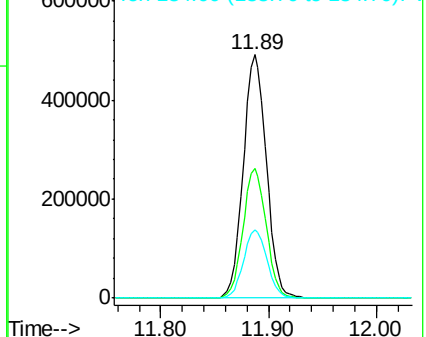
134 28.5 19.1 28.7

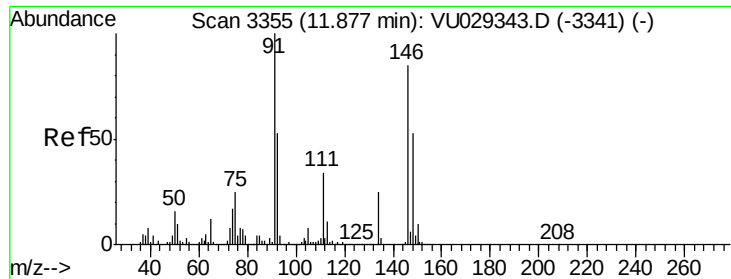


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

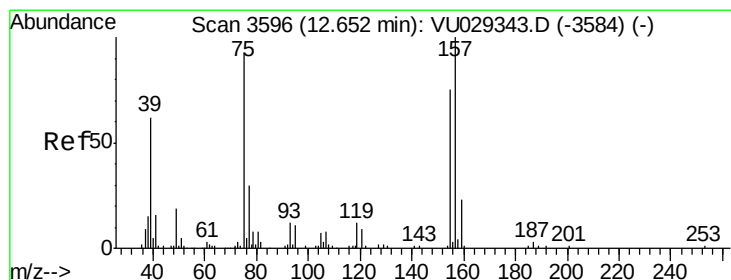
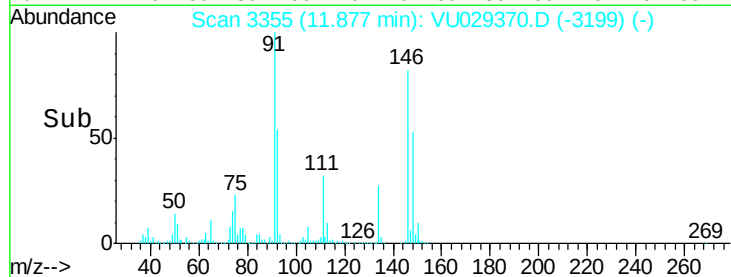
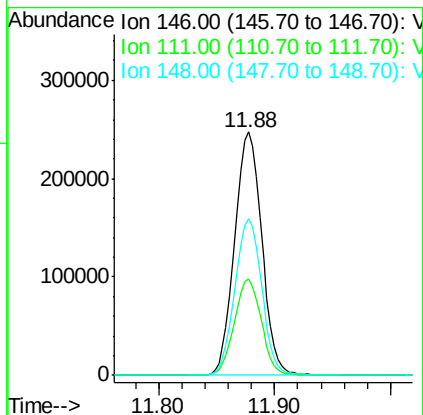
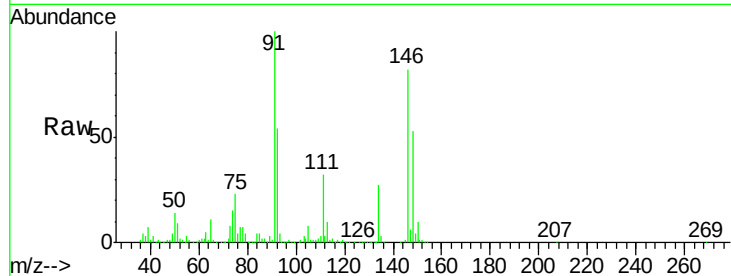
Ion 134.00 (133.70 to 134.70): V





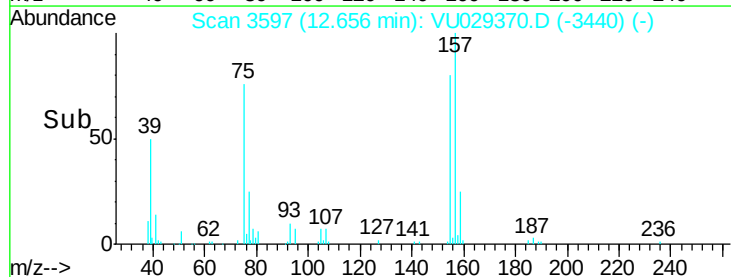
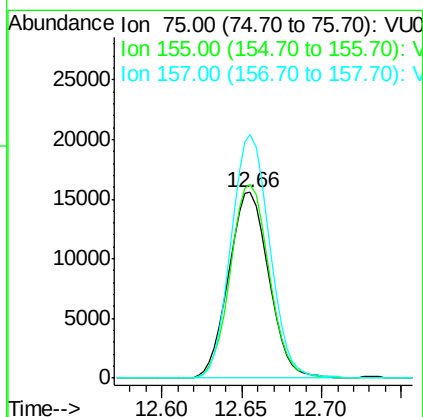
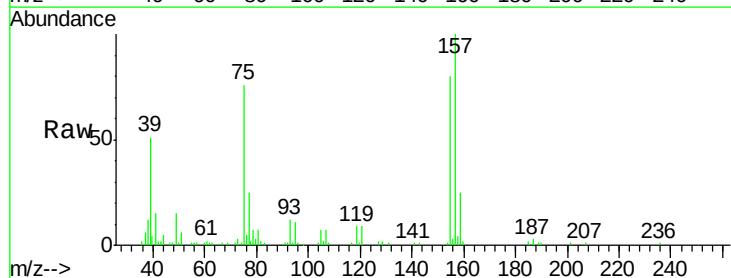
#85
 1,2-Dichlorobenzene
 Concen: 11.201 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

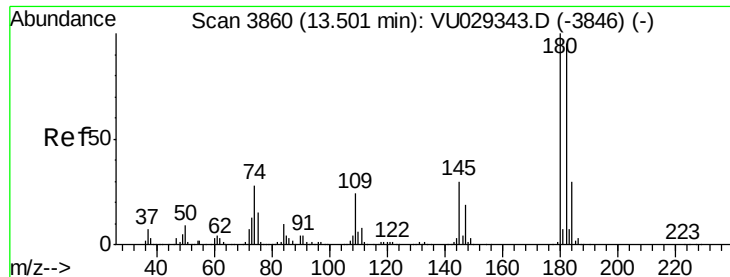
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	21.9	65.8
148	63.9	31.8	95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.752 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029370.D
 Acq: 07 Feb 2019 15:09

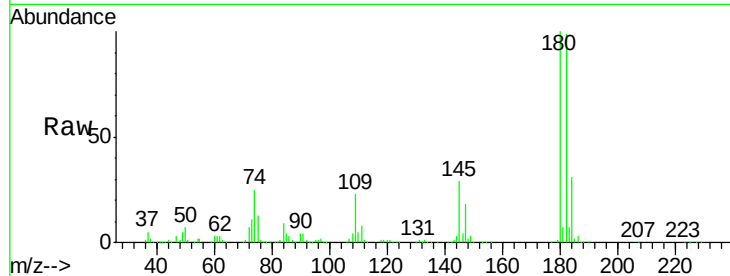
Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	53.8	80.8#
157	125.2	69.2	103.8#



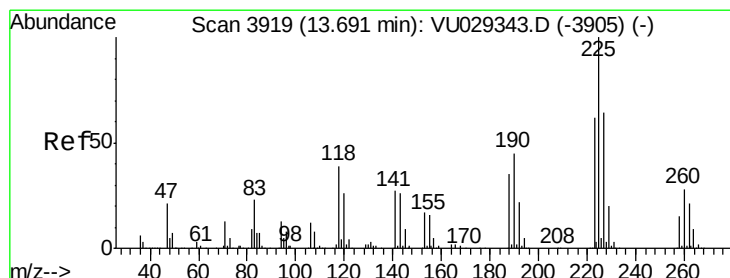
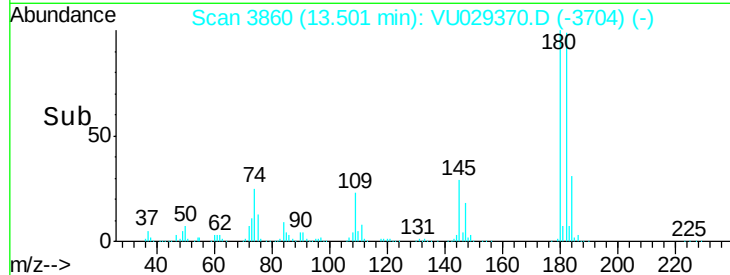
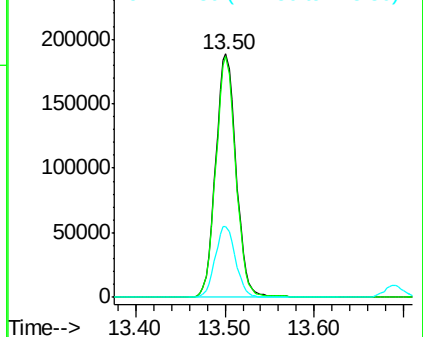


#87
1,2,4-Trichlorobenzene
Concen: 11.983 ug/l
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion:180 Resp: 301053
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 29.3 24.6 36.8

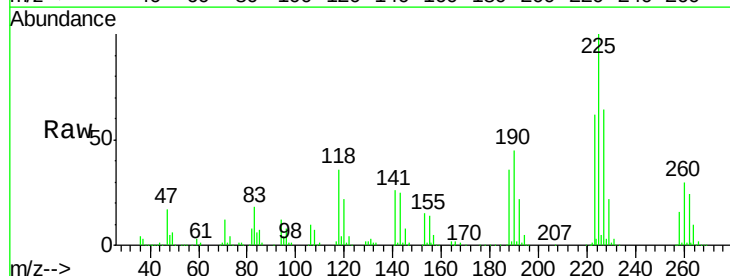


Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

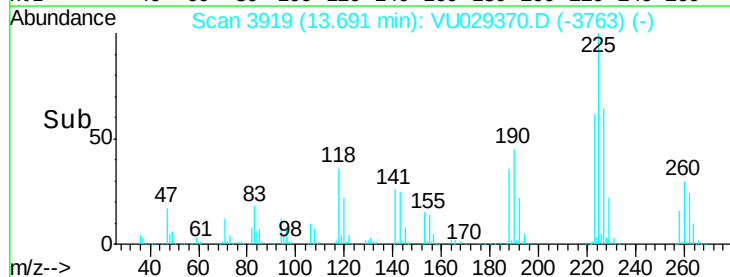
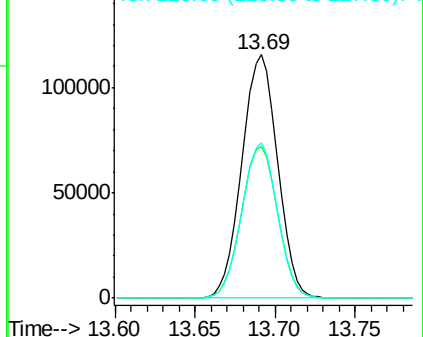


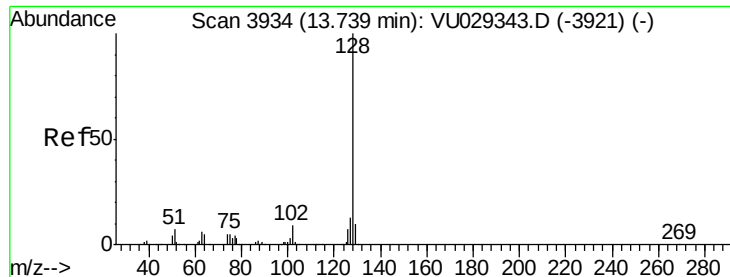
#88
Hexachlorobutadiene
Concen: 12.092 ug/l
RT: 13.69 min Scan# 3919
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion:225 Resp: 175942
Ion Ratio Lower Upper
225 100
223 63.1 49.5 74.3
227 63.4 50.4 75.6



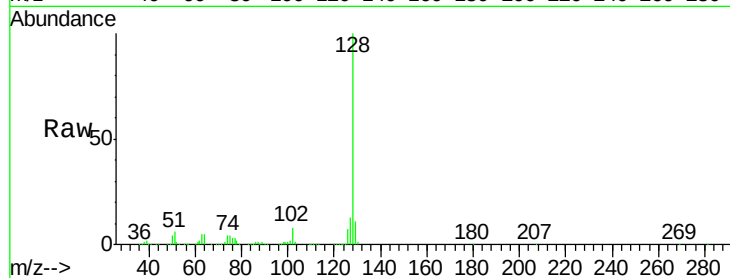
Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V



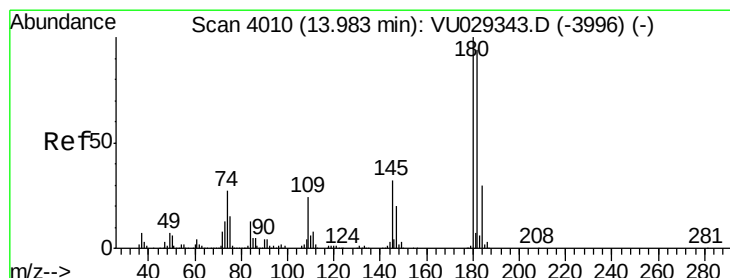
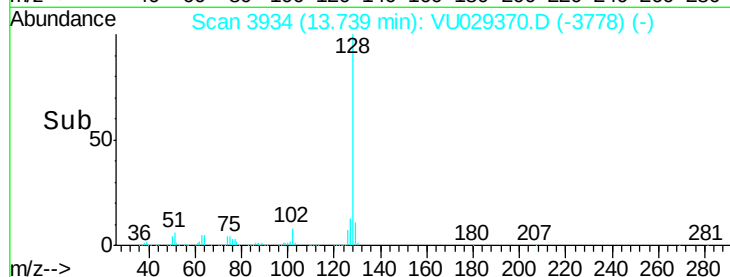
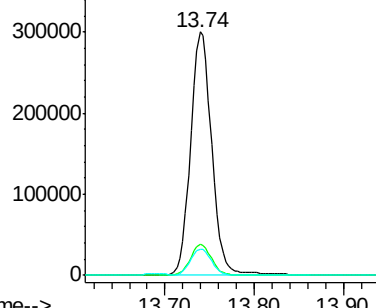


#89
Naphthalene
Concen: 11.648 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	10.7	8.2	12.4

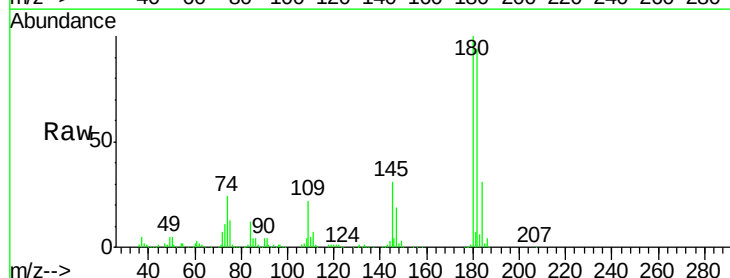


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.741 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU029370.D
Acq: 07 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	30.6	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

