

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012919\
 Data File : VU029309.D
 Acq On : 29 Jan 2019 19:23
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 12:36:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 30 09:13:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	8016	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	3344	1.07	ug/l	0.00
Spiked Amount	1.000		Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3419	1.10	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	19257	5.206	ug/l 98
3) Chloromethane	1.32	50	23233	7.758	ug/l 95
4) Vinyl Chloride	1.39	62	25372	8.218	ug/l 98
5) Bromomethane	1.62	94	16208	8.374	ug/l 98
6) Chloroethane	1.69	64	19634	9.077	ug/l 99
7) Trichlorofluoromethane	1.87	101	51197	8.950	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23416	9.790	ug/l 97
9) 1,1-Dichloroethene	2.27	96	21459	9.690	ug/l 98
10) Iodomethane	2.40	142	22180	9.068	ug/l 99
11) Allyl Chloride	2.58	41	50486	9.640	ug/l 97
12) Acrylonitrile	2.93	53	31115	46.685	ug/l 97
13) Acetone	2.31	43	38090	46.159	ug/l 99
14) Carbon Disulfide	2.47	76	73259	9.180	ug/l 99
15) Methylene Chloride	2.69	84	24465	8.363	ug/l 97
16) trans-1,2-Dichloroethene	2.97	96	24730	9.931	ug/l 97
17) 1,1-Dichloroethane	3.43	63	50150	9.312	ug/l 98
18) 2-Butanone	4.27	43	44748	52.817	ug/l 100
19) Cyclohexane	4.98	56	37228	10.912	ug/l 100
20) Methylcyclohexane	6.41	83	41137	11.275	ug/l 99
21) 2,2-Dichloropropane	4.21	77	45447	9.310	ug/l 100
22) cis-1,2-Dichloroethene	4.21	96	25964	9.898	ug/l 95
23) Diethyl Ether	2.09	59	21524	9.672	ug/l 97
24) tert-Butyl Alcohol	2.83	59	13184	47.273	ug/l 98
25) Methyl tert-Butyl Ether	2.99	73	74731	9.942	ug/l 99
26) Bromochloromethane	4.54	128	11656	10.873	ug/l 91
27) Chloroform	4.66	83	52520	9.735	ug/l 95
28) 1,1,1-Trichloroethane	4.90	97	49265	9.771	ug/l 99
29) 1,1-Dichloropropene	5.13	75	38615	10.390	ug/l 99
30) Carbon Tetrachloride	5.13	117	43411	9.848	ug/l 98
31) Isopropyl Ether	3.57	45	86061	10.900	ug/l # 1
34) Propionitrile	4.32	54	23621	111.065	ug/l # 94
35) Benzene	5.38	78	102493	10.025	ug/l 99
36) 1,2-Dichloroethane	5.40	62	41320	9.764	ug/l 99
37) Trichloroethene	6.18	130	25371	9.856	ug/l 93
38) 1,2-Dichloropropane	6.43	63	27725	9.910	ug/l 100
39) Methacrylonitrile	4.54	41	10566	10.352	ug/l 99
40) Methyl acrylate	4.42	55	14527	10.527	ug/l # 97
41) Tetrahydrofuran	4.64	42	27057	56.739	ug/l 98
42) 1-Chlorobutane	5.05	56	57221	10.047	ug/l 97
43) Dibromomethane	6.55	93	13834	9.913	ug/l 97
44) Bromodichloromethane	6.75	83	39783	9.799	ug/l 97

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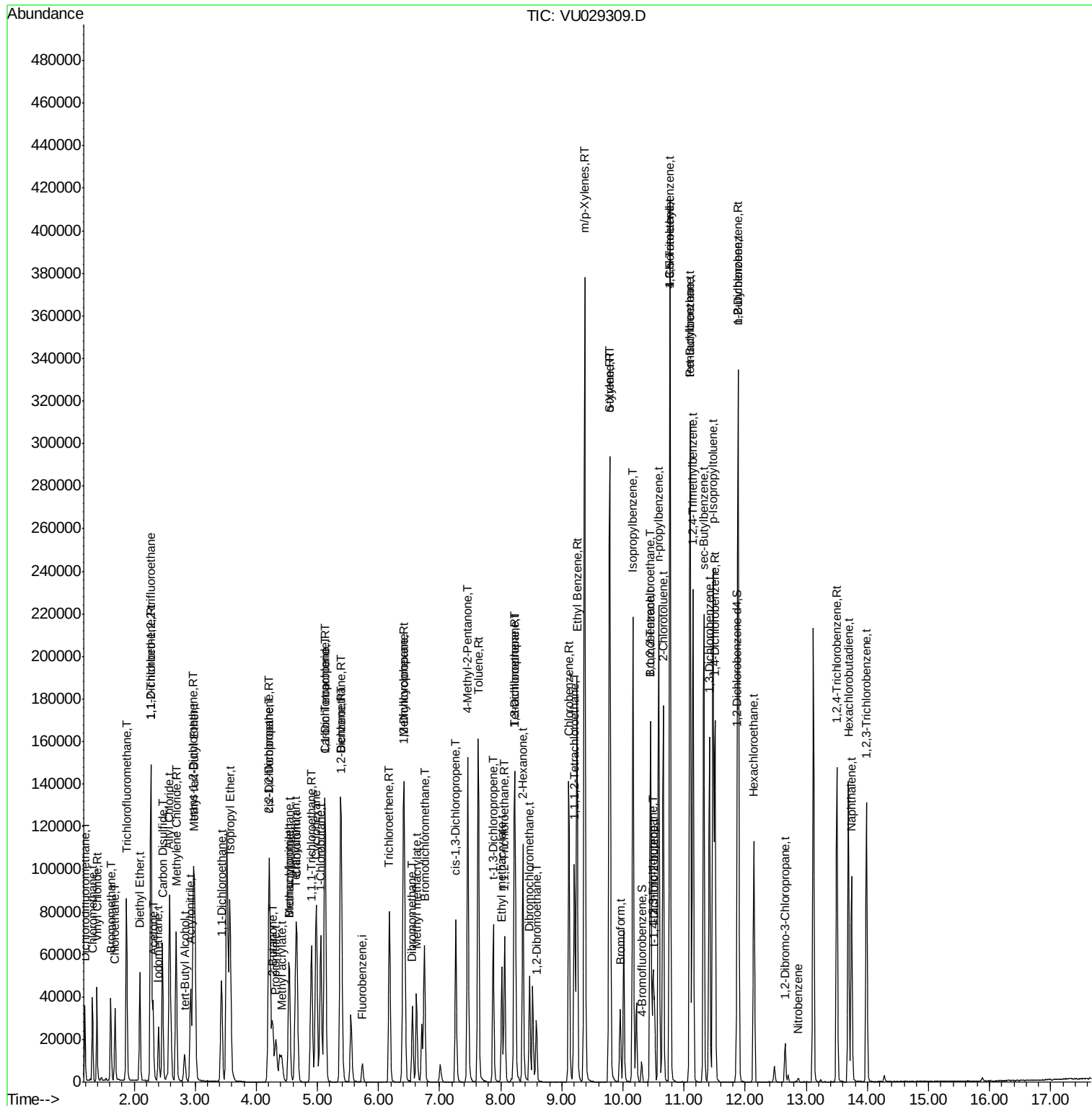
Quant Time: Jan 30 12:36:07 2019
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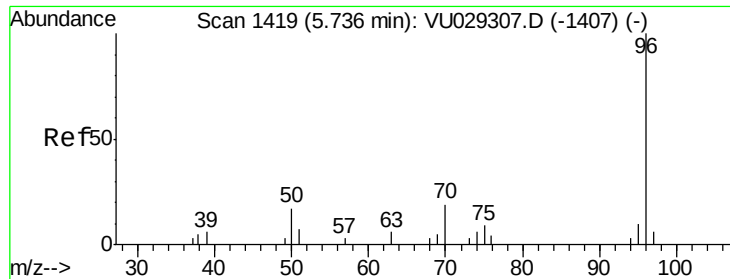
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	100486	52.060	ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	6517m	10.014	ug/l	
47) Methyl methacrylate	6.62	69	13411	11.366	ug/l	98
48) Ethyl methacrylate	8.02	69	25078	11.149	ug/l	99
49) Toluene	7.63	92	64885	10.938	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	38588	11.119	ug/l	97
51) cis-1,3-Dichloropropene	7.26	75	40602	10.602	ug/l	97
52) 1,1,2-Trichloroethane	8.06	97	19435	10.625	ug/l	98
53) 1,3-Dichloropropane	8.24	76	35066	10.221	ug/l	97
54) 2-Hexanone	8.36	43	72012	52.721	ug/l	99
55) Dibromochloromethane	8.47	129	24435	9.912	ug/l	99
56) 1,2-Dibromoethane	8.58	107	18279	10.873	ug/l	97
58) Tetrachloroethene	8.22	164	25276	10.345	ug/l	96
59) Chlorobenzene	9.12	112	68556	10.631	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	26410	9.921	ug/l	99
61) Pentachloroethane	11.10	117	20560	10.029	ug/l	94
62) Hexachloroethane	12.14	117	20490	10.400	ug/l	99
63) Ethyl Benzene	9.25	91	127907	11.347	ug/l	100
64) m/p-Xylenes	9.37	106	98992	23.375	ug/l	97
65) o-Xylene	9.78	106	45376	11.174	ug/l	99
66) Styrene	9.79	104	77129	11.023	ug/l	99
67) Bromoform	9.95	173	14918	10.463	ug/l	99
69) Isopropylbenzene	10.16	105	131636	11.713	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	23739	9.711	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	20009m	9.643	ug/l	
72) Bromobenzene	10.45	156	30627	11.046	ug/l	97
73) n-propylbenzene	10.58	120	34493	11.408	ug/l	98
74) 2-Chlorotoluene	10.66	126	29789	11.309	ug/l	96
75) 1,3,5-Trimethylbenzene	10.77	105	115061	11.555	ug/l	100
76) 4-Chlorotoluene	10.77	126	31125	11.137	ug/l	100
77) tert-Butylbenzene	11.10	119	106213	11.102	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	118026	11.630	ug/l	100
79) sec-Butylbenzene	11.32	105	135868	10.850	ug/l	99
80) Nitrobenzene	12.86	77	1290	13.859	ug/l #	87
81) p-Isopropyltoluene	11.47	119	121917	11.513	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	59300	10.313	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	61002	10.531	ug/l	99
84) n-Butylbenzene	11.89	91	120416	11.701	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	55085	10.585	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5066	11.290	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	42137	11.972	ug/l	100
88) Hexachlorobutadiene	13.69	225	24799	11.045	ug/l	99
89) Naphthalene	13.74	128	72251	12.784	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	38477	11.754	ug/l	97

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

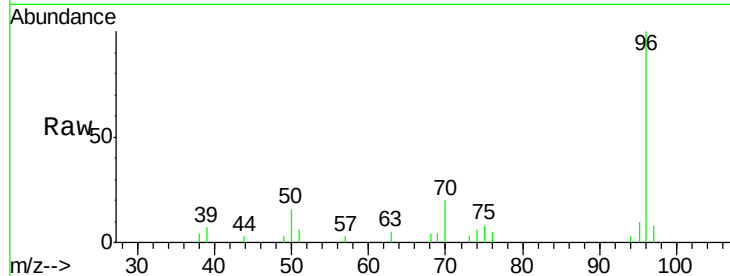
Delta R.T. -0.00 min

Lab File: VU029309.D

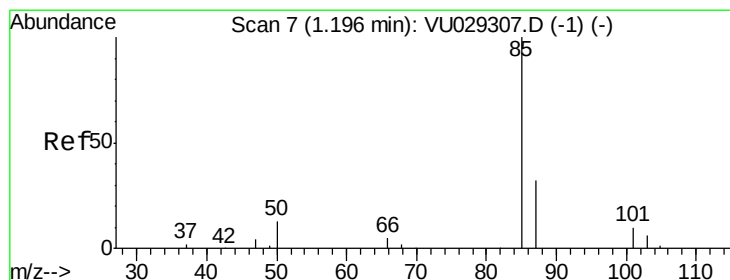
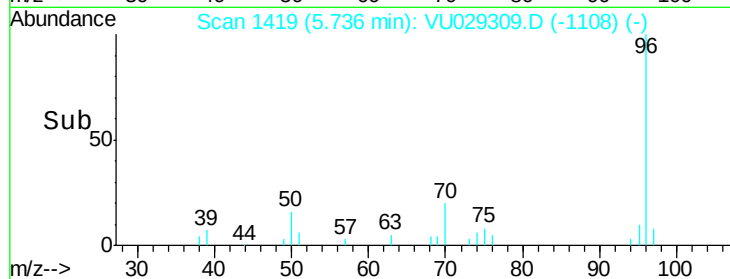
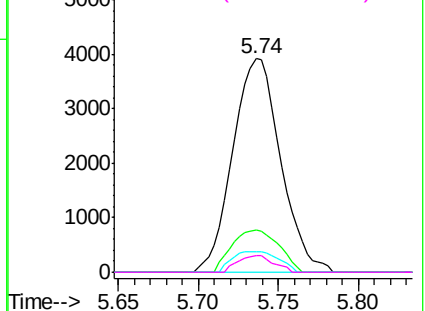
Acq: 29 Jan 2019 19:23

Tot Ion: 96 Resp: 8016

Ion	Ratio	Lower	Upper
96	100		
70	19.2	16.2	24.2
95	9.3	7.4	11.2
97	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0



#2

Dichlorodifluoromethane

Concen: 5.206 ug/l

RT: 1.20 min Scan# 7

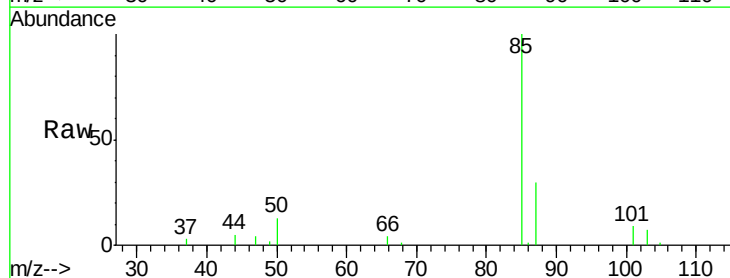
Delta R.T. -0.00 min

Lab File: VU029309.D

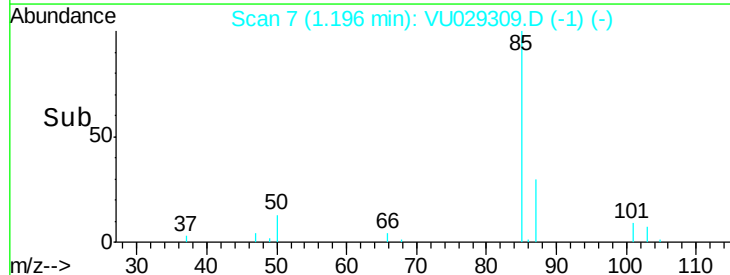
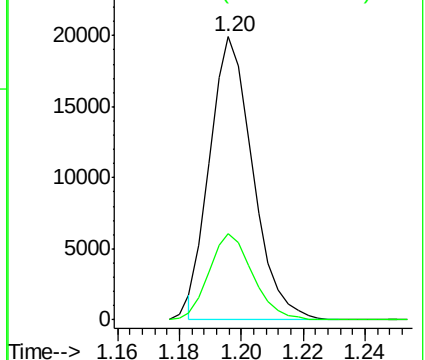
Acq: 29 Jan 2019 19:23

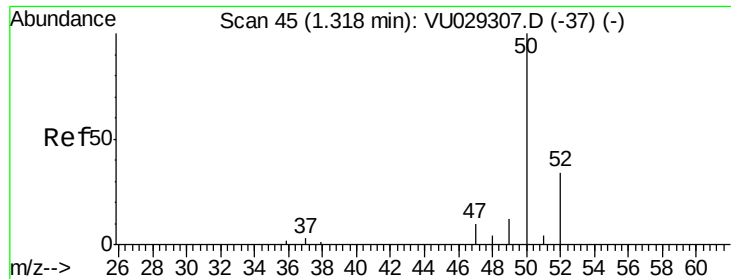
Tgt Ion: 85 Resp: 19257

Ion	Ratio	Lower	Upper
85	100		
87	30.5	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0





#3

Chloromethane

Concen: 7.758 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029309.D

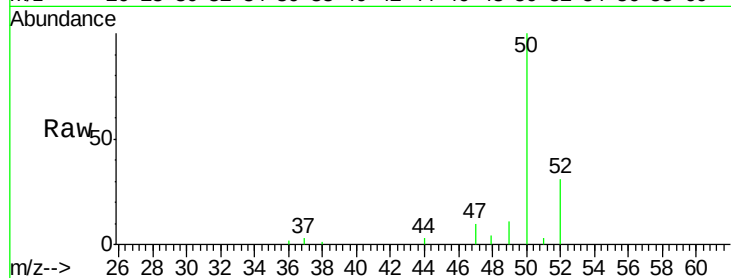
Acq: 29 Jan 2019 19:23

Tot Ion: 50 Resp: 23233

Ion Ratio Lower Upper

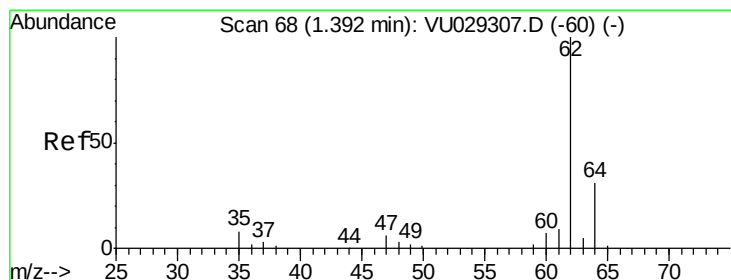
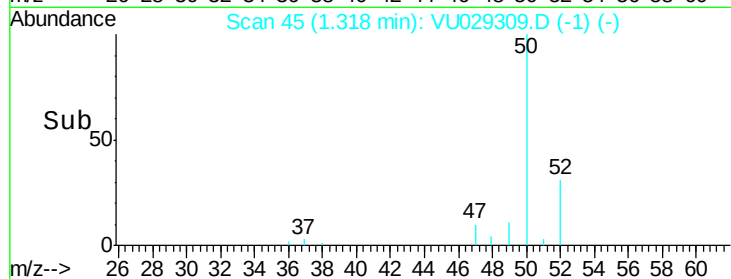
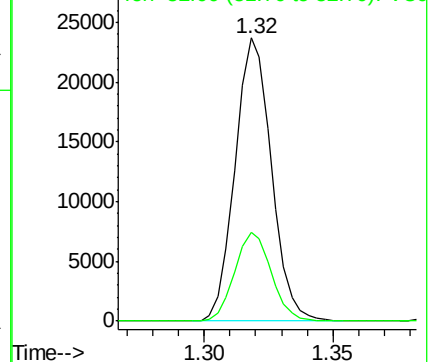
50 100

52 31.3 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 8.218 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029309.D

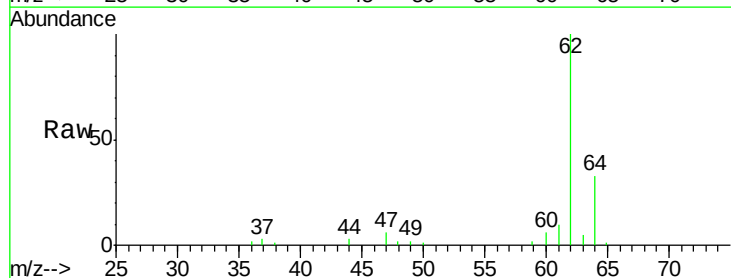
Acq: 29 Jan 2019 19:23

Tgt Ion: 62 Resp: 25372

Ion Ratio Lower Upper

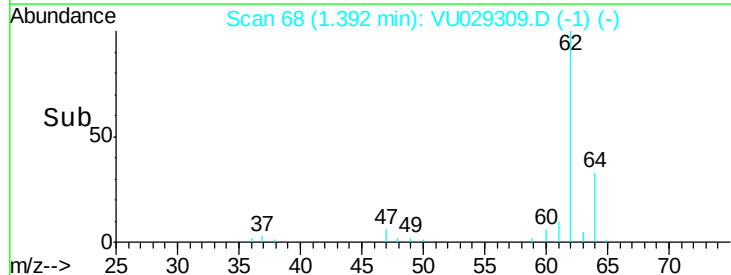
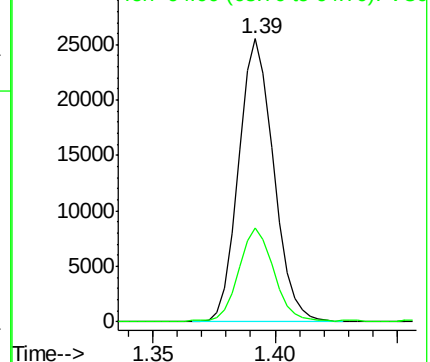
62 100

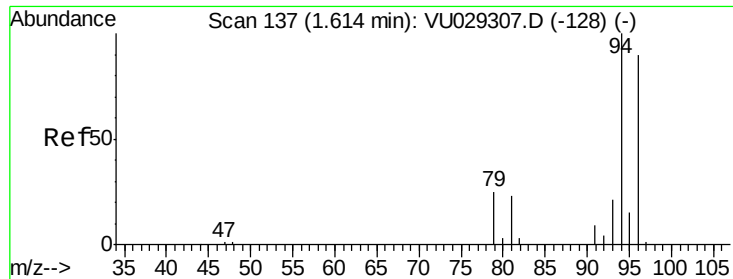
64 32.7 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

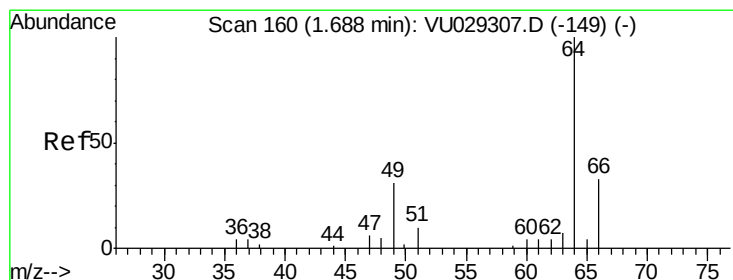
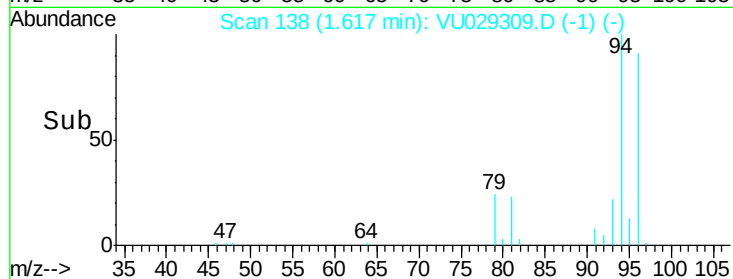
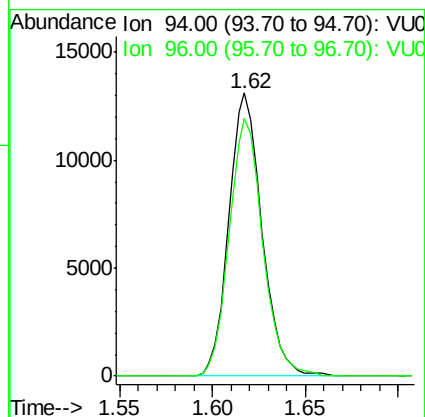
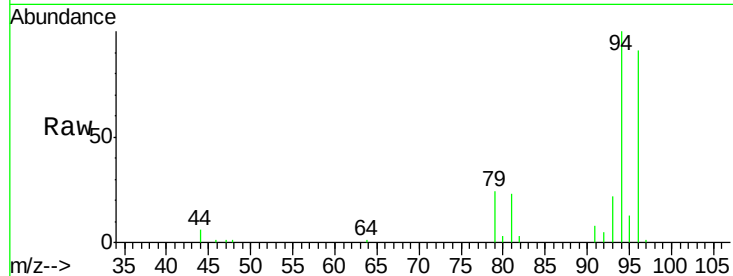
Ion 64.00 (63.70 to 64.70): VU0





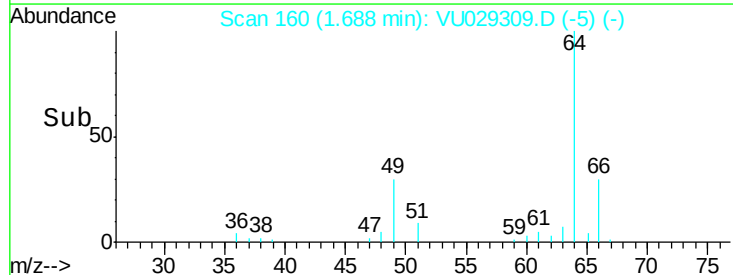
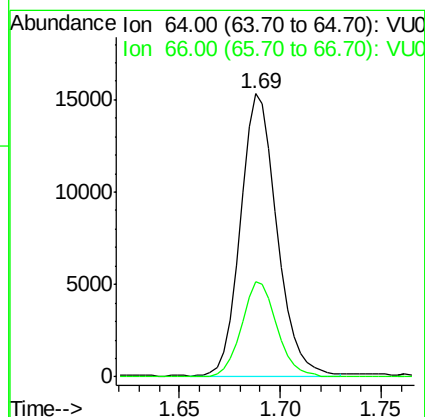
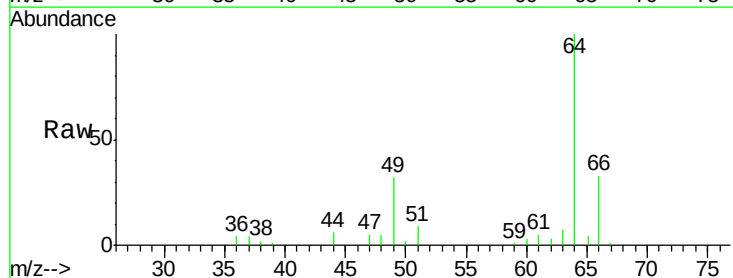
#5
Bromomethane
Concen: 8.374 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

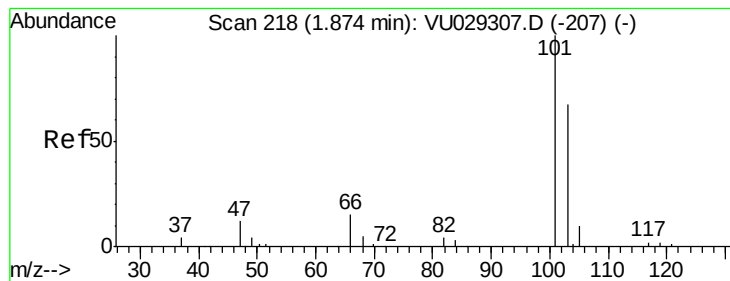
Tot Ion: 94 Resp: 16208
Ion Ratio Lower Upper
94 100
96 91.2 71.7 107.5



#6
Chloroethane
Concen: 9.077 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion: 64 Resp: 19634
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5

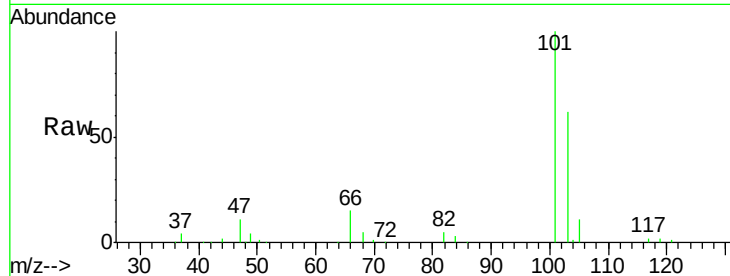




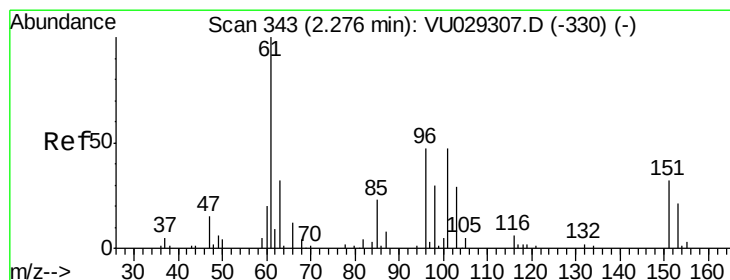
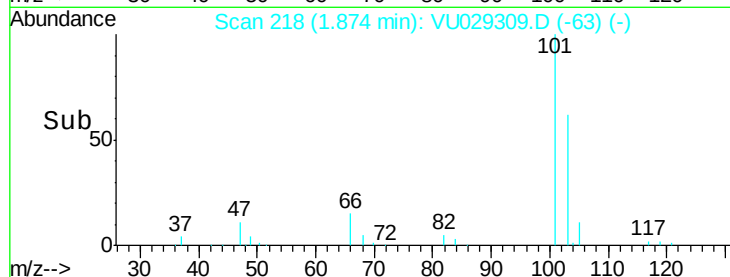
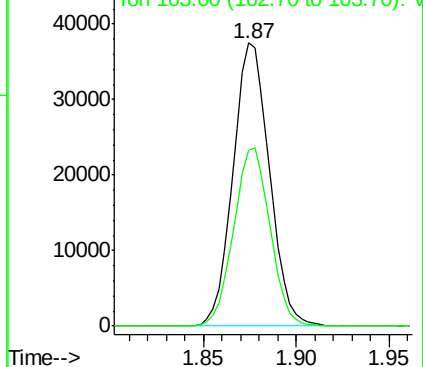
#7

Trichlorofluoromethane
Concen: 8.950 ug/l
RT: 1.87 min Scan# 218
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion	101	Resp	51197
Ion Ratio	Lower	Upper	
101	100		
103	62.3	53.9	80.9



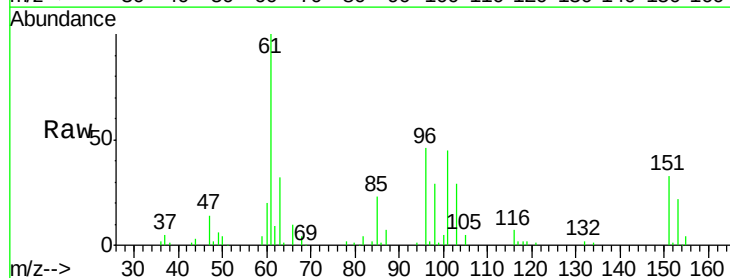
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



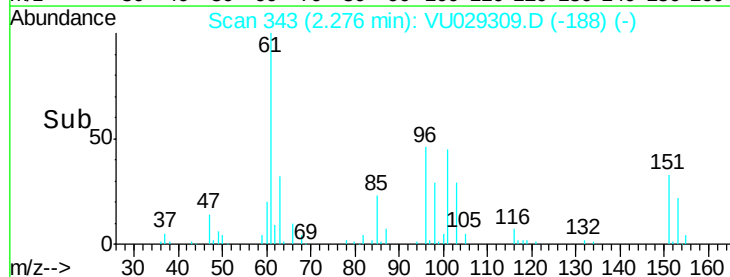
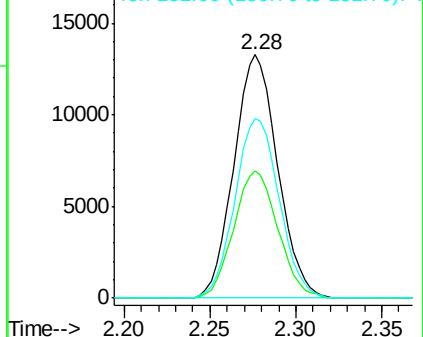
#8

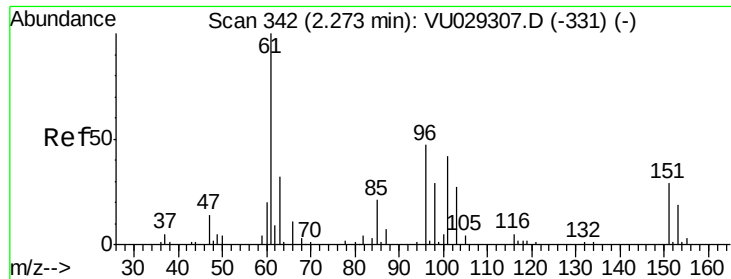
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.790 ug/l
RT: 2.28 min Scan# 343
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion	101	Resp	23416
Ion Ratio	Lower	Upper	
101	100		
85	52.6	40.3	60.5
151	74.7	58.1	87.1



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU0
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.690 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

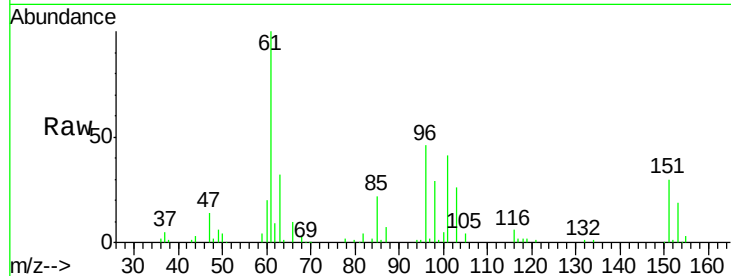
Tot Ion: 96 Resp: 21459

Ion Ratio Lower Upper

96 100

61 216.6 0.0 641.4

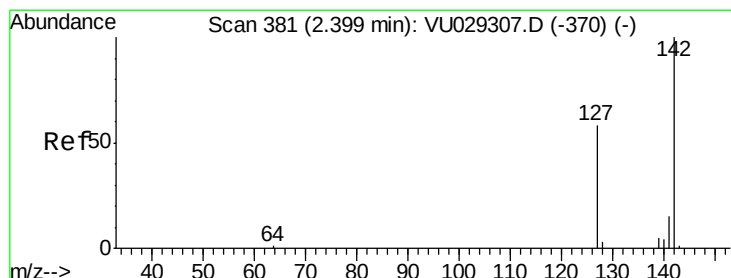
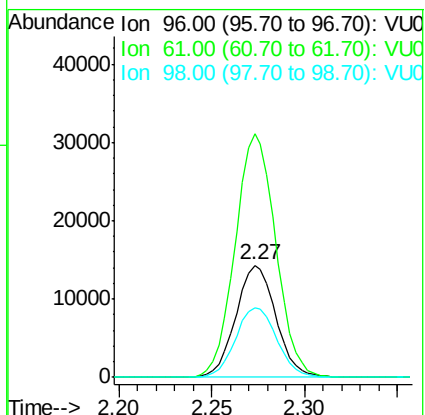
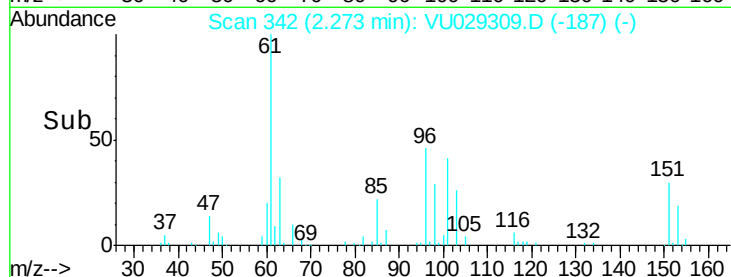
98 62.4 0.0 122.6



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: 9.068 ug/l

RT: 2.40 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029309.D

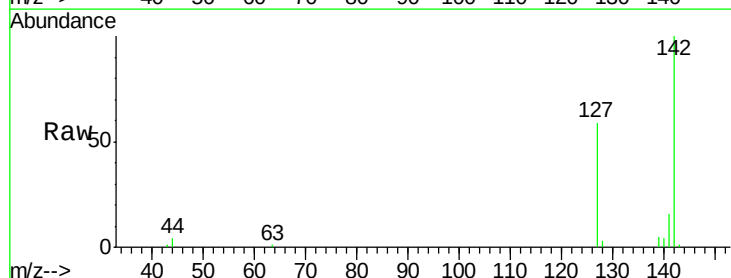
Acq: 29 Jan 2019 19:23

Tgt Ion: 142 Resp: 22180

Ion Ratio Lower Upper

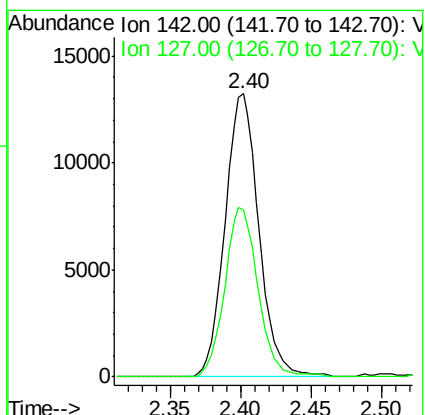
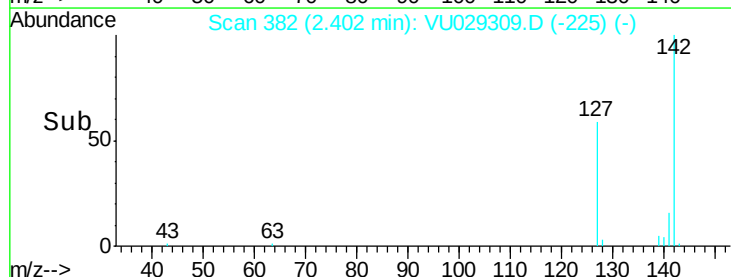
142 100

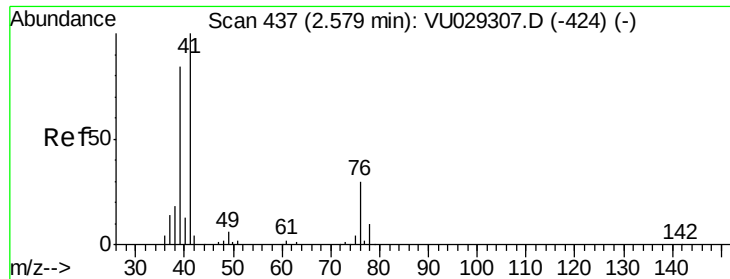
127 58.7 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): V

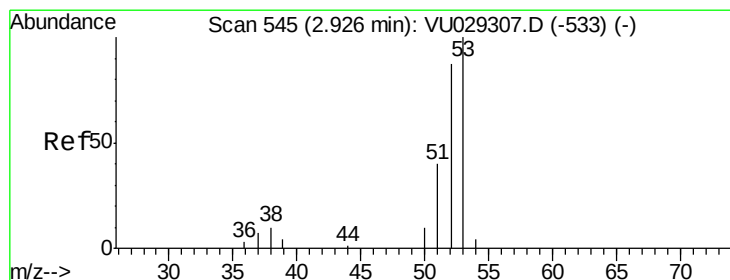
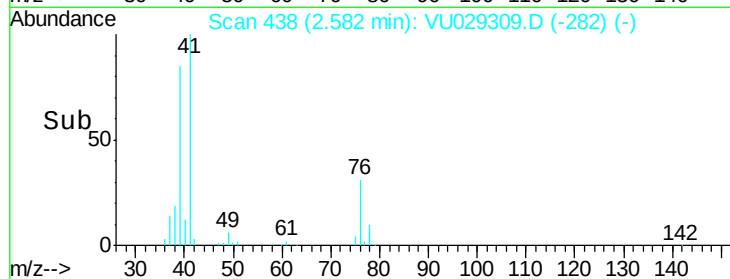
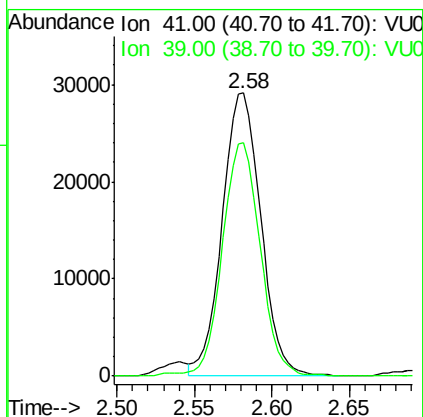
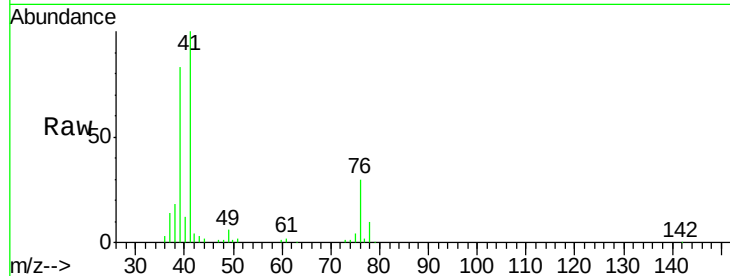
Ion 127.00 (126.70 to 127.70): V





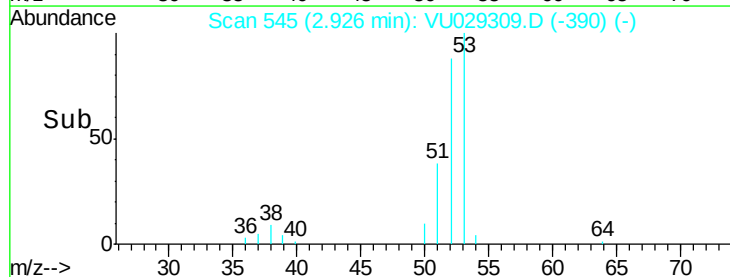
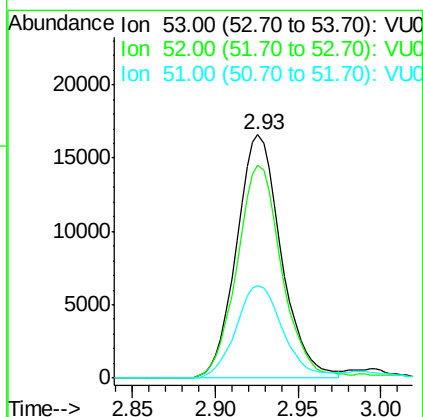
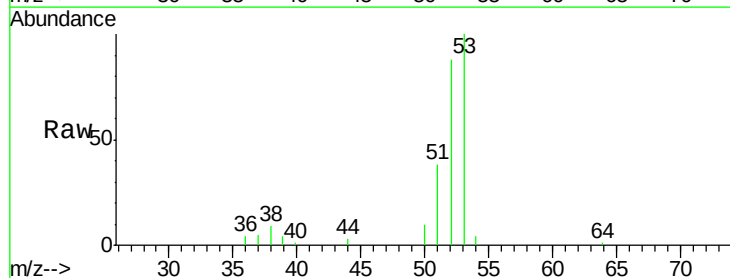
#11
 Allvl Chloride
 Concen: 9.640 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

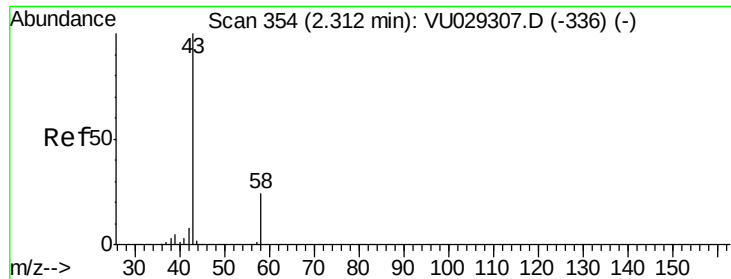
Tot Ion: 41 Resp: 50486
 Ion Ratio Lower Upper
 41 100
 39 81.3 67.2 100.8



#12
 Acrylonitrile
 Concen: 46.685 ug/l
 RT: 2.93 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion: 53 Resp: 31115
 Ion Ratio Lower Upper
 53 100
 52 87.5 67.6 101.4
 51 40.0 31.0 46.4





#13

Acetone

Concen: 46.159 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029309.D

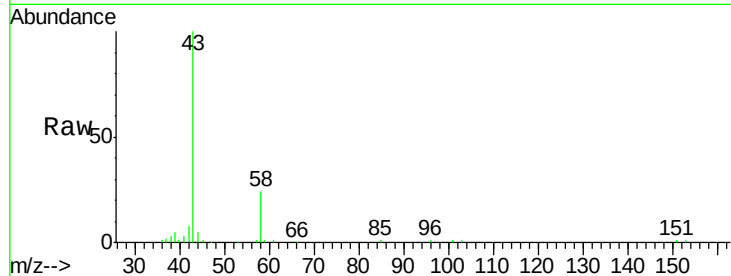
Acq: 29 Jan 2019 19:23

Tot Ion: 43 Resp: 38090

Ion Ratio Lower Upper

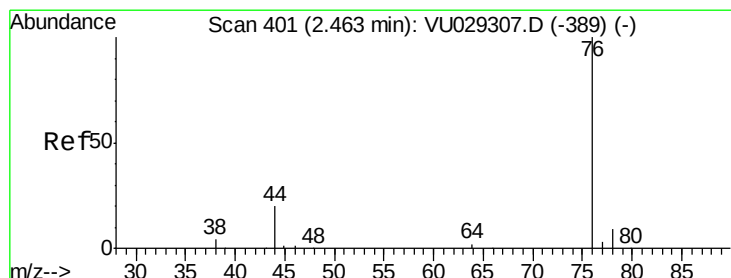
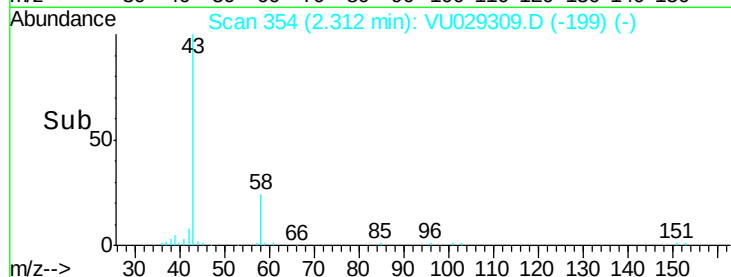
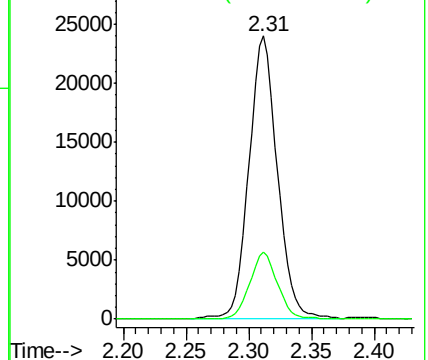
43 100

58 23.7 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: 9.180 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029309.D

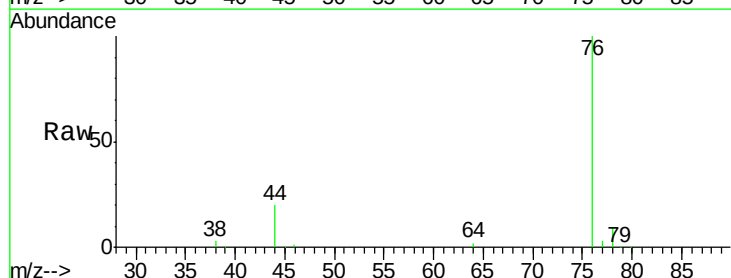
Acq: 29 Jan 2019 19:23

Tgt Ion: 76 Resp: 73259

Ion Ratio Lower Upper

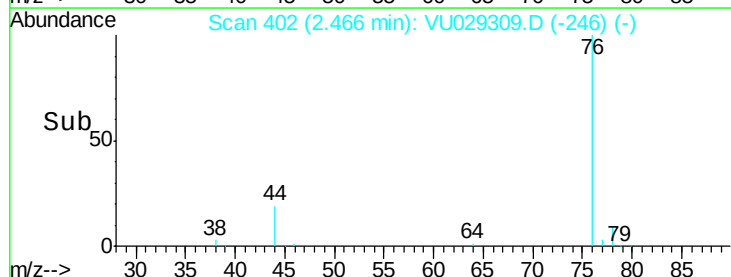
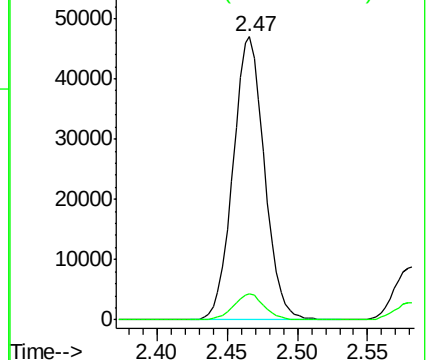
76 100

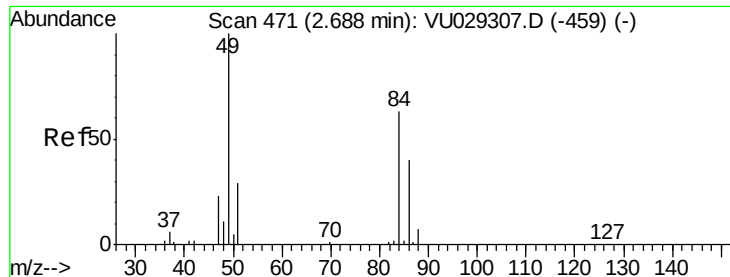
78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 8.363 ug/l

RT: 2.69 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tot Ion: 84 Resp: 24465

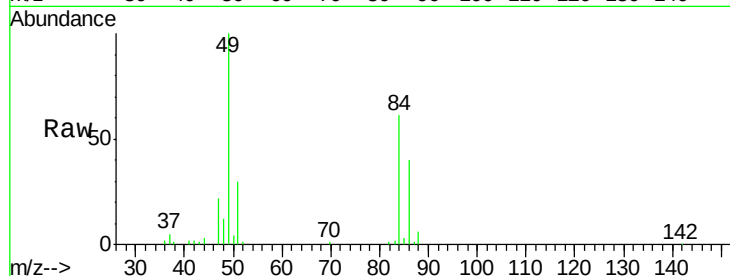
Ion	Ratio	Lower	Upper
84	100		
49	162.9	127.0	190.6
51	48.4	0.0	93.4
86	64.7	50.6	75.8

84 100

49 162.9 127.0 190.6

51 48.4 0.0 93.4

86 64.7 50.6 75.8

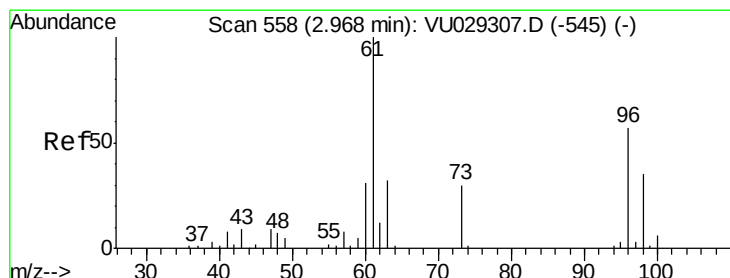
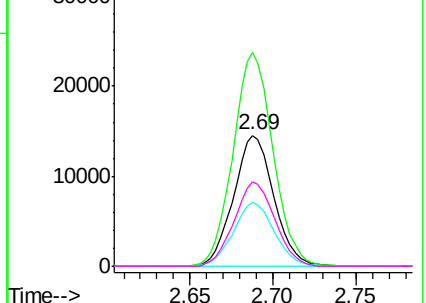
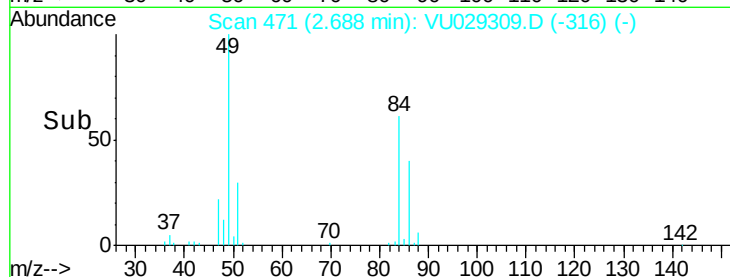


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.931 ug/l

RT: 2.97 min Scan# 558

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

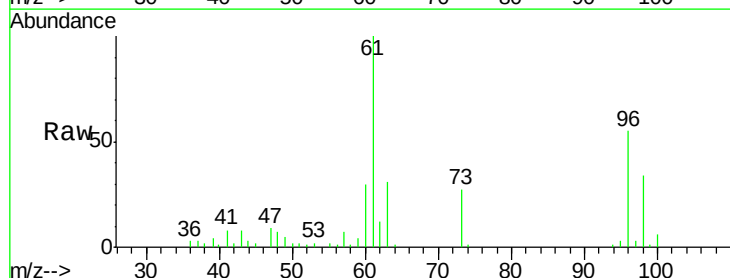
Tgt Ion: 96 Resp: 24730

Ion	Ratio	Lower	Upper
96	100		
61	180.9	140.6	210.8
98	61.7	49.3	73.9

96 100

61 180.9 140.6 210.8

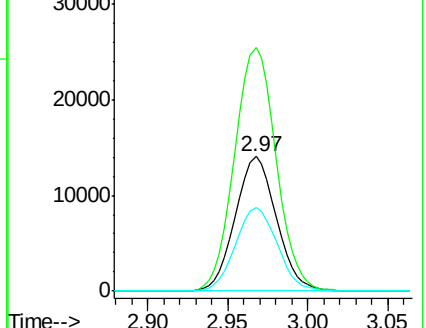
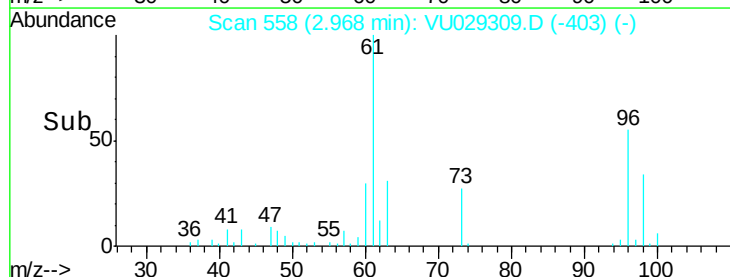
98 61.7 49.3 73.9

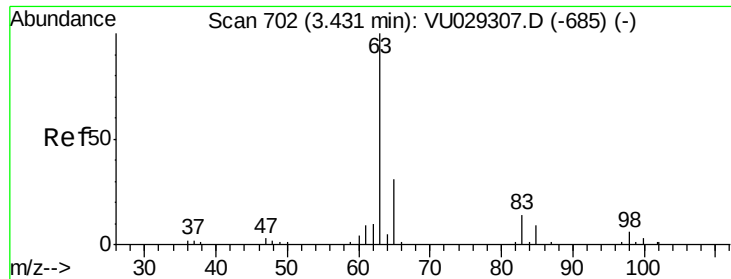


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 9.312 ug/l

RT: 3.43 min Scan# 702

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

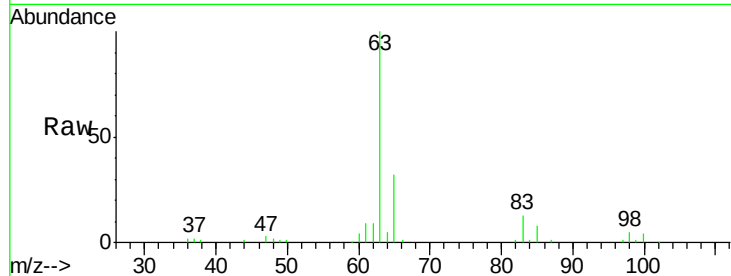
Tot Ion: 63 Resp: 50150

Ion Ratio Lower Upper

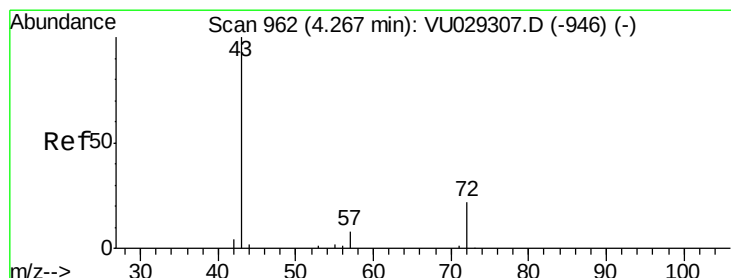
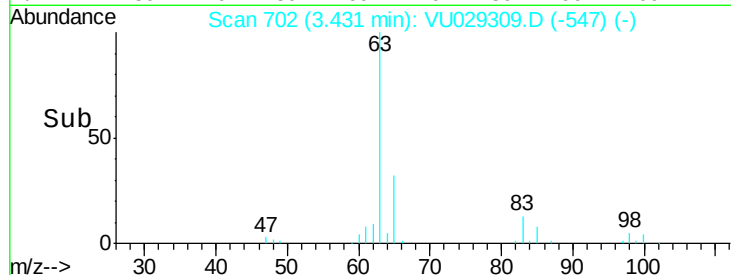
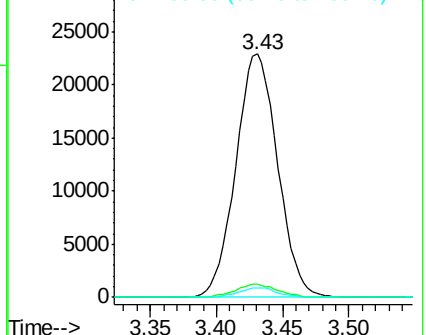
63 100

98 5.2 2.9 8.8

100 3.8 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: 52.817 ug/l

RT: 4.27 min Scan# 962

Delta R.T. -0.00 min

Lab File: VU029309.D

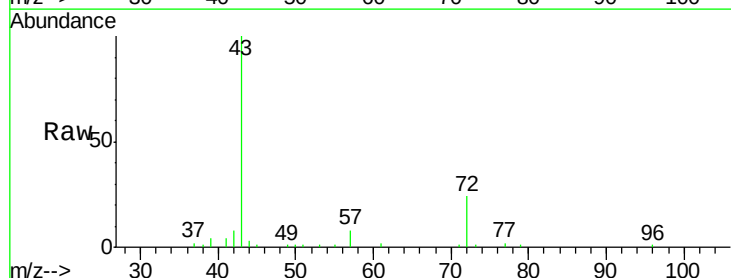
Acq: 29 Jan 2019 19:23

Tgt Ion: 43 Resp: 44748

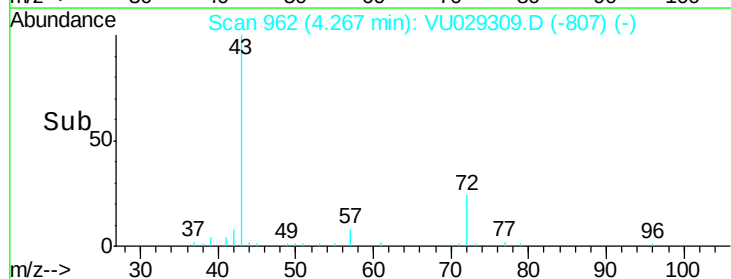
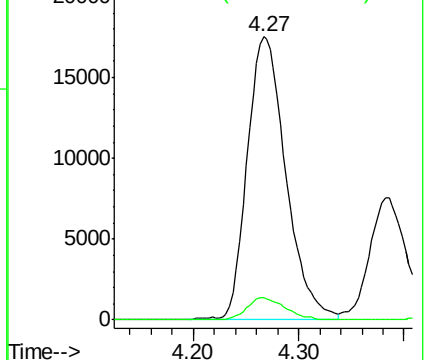
Ion Ratio Lower Upper

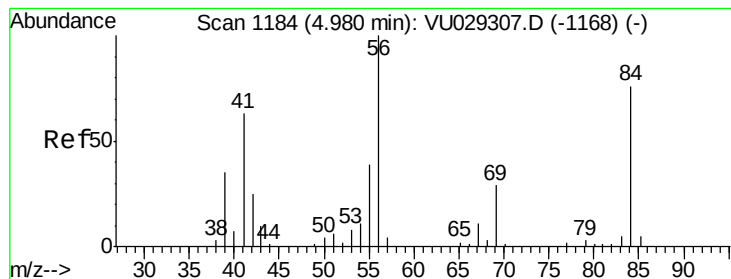
43 100

57 7.8 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: 10.912 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

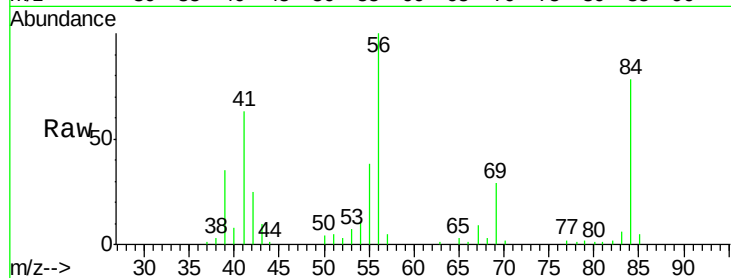
Tot Ion: 56 Resp: 37228

Ion Ratio Lower Upper

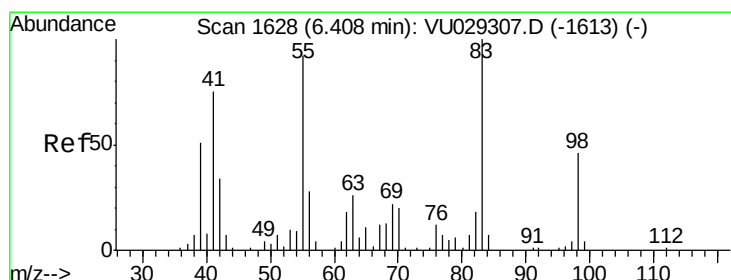
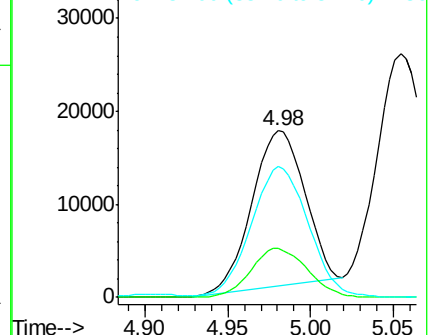
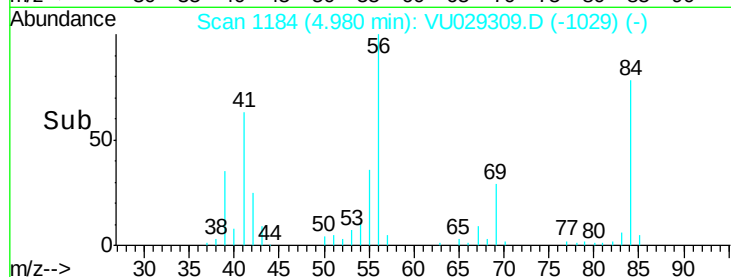
56 100

69 33.6 26.8 40.2

84 89.5 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU029309.D (-1029) (-)



#20

Methylcyclohexane

Concen: 11.275 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

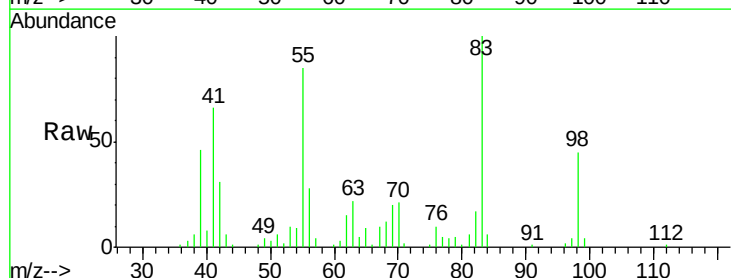
Tgt Ion: 83 Resp: 41137

Ion Ratio Lower Upper

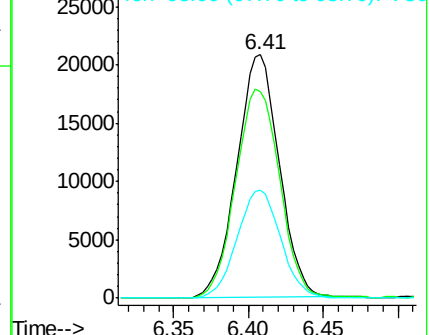
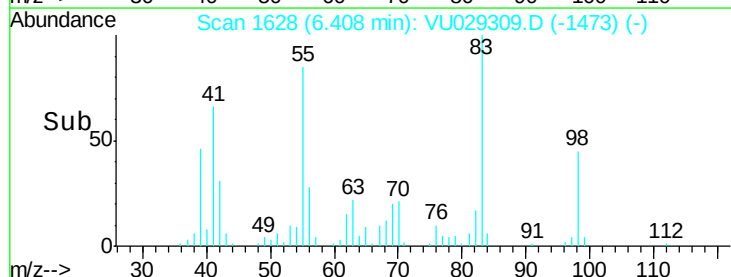
83 100

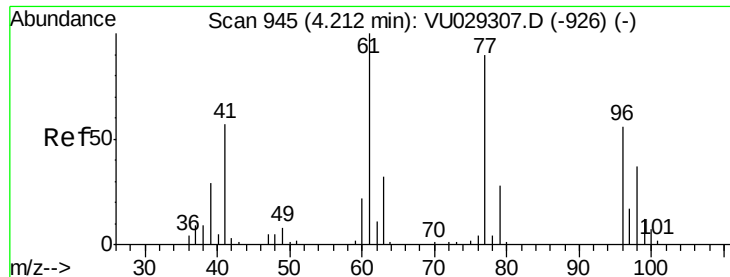
55 89.9 72.4 108.6

98 45.5 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VU029309.D (-1473) (-)





#21

2,2-Dichloropropane

Concen: 9.310 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029309.D

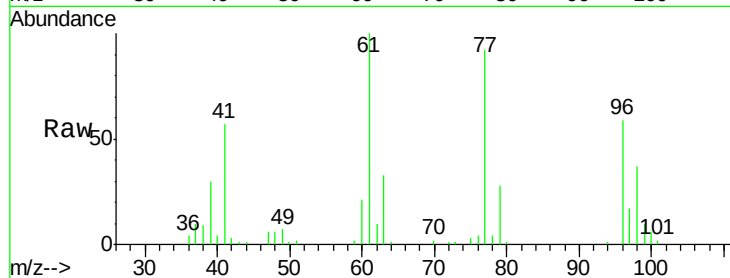
Acq: 29 Jan 2019 19:23

Tot Ion: 77 Resp: 45447

Ion Ratio Lower Upper

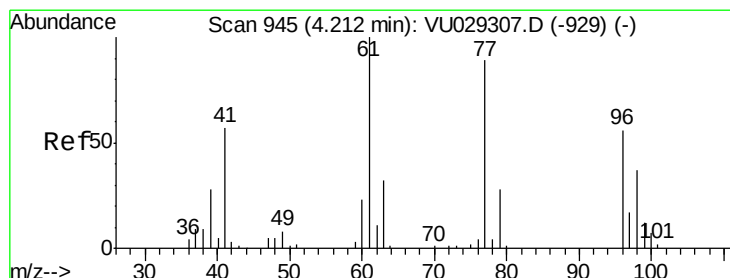
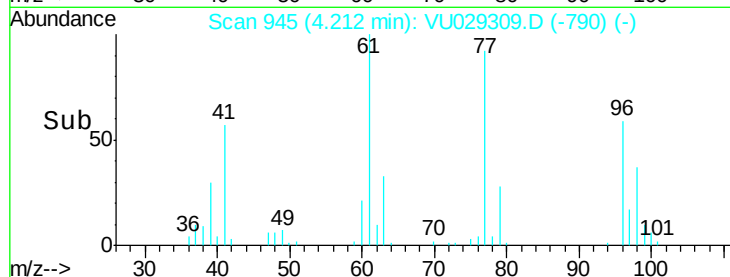
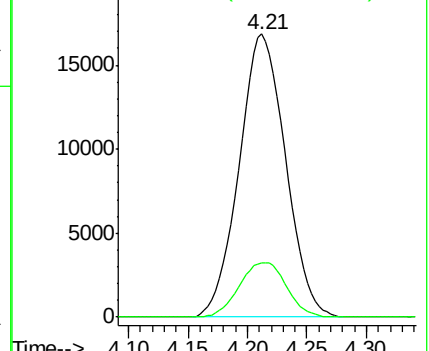
77 100

97 19.6 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: 9.898 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

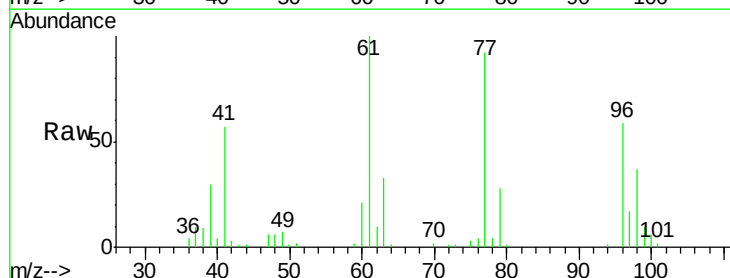
Tgt Ion: 96 Resp: 25964

Ion Ratio Lower Upper

96 100

61 175.2 0.0 460.0

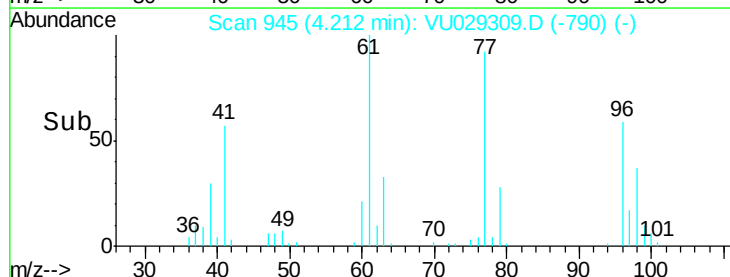
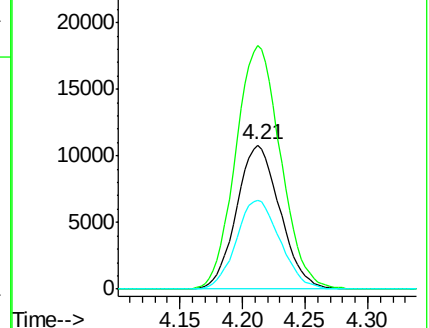
98 62.2 32.6 97.7

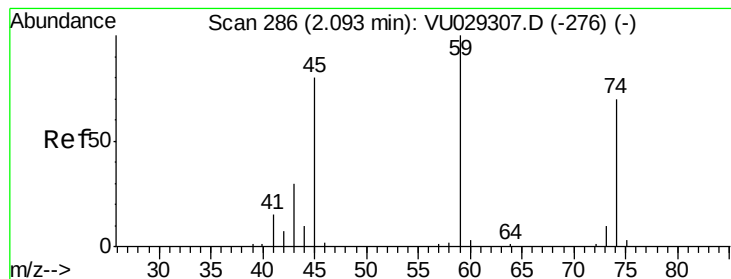


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 9.672 ug/l

RT: 2.09 min Scan# 286

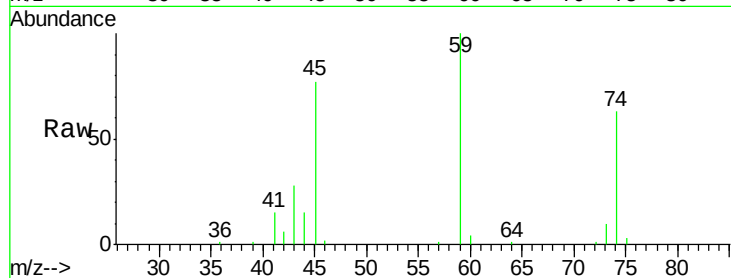
Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tot Ion: 59 Resp: 21524

Ion	Ratio	Lower	Upper
59	100		
45	79.0	64.2	96.4
74	65.7	55.3	82.9

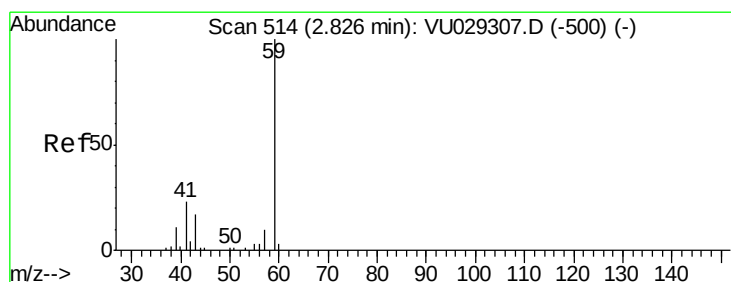
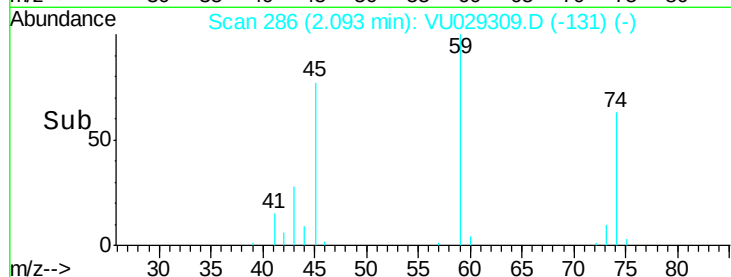
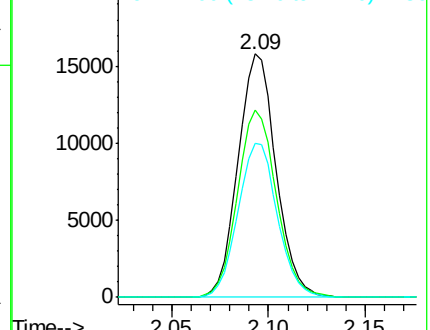


Abundance

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: 47.273 ug/l

RT: 2.83 min Scan# 514

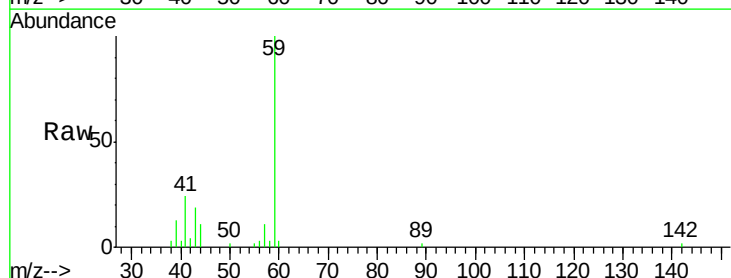
Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tgt Ion: 59 Resp: 13184

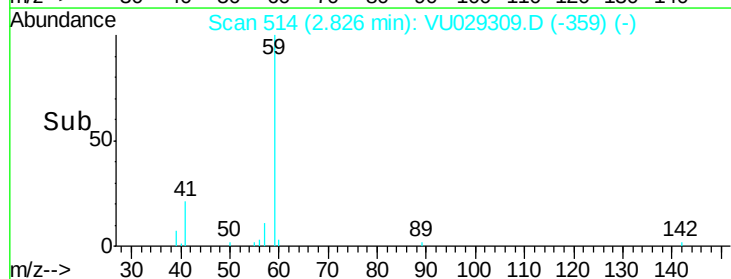
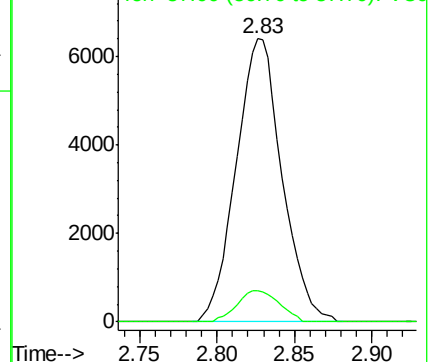
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.8	13.2

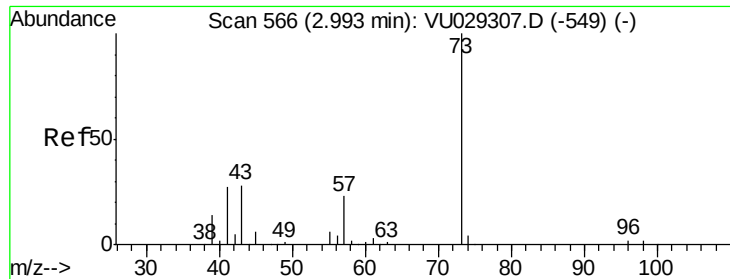


Abundance

Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methvl tert-Butyl Ether

Concen: 9.942 ug/l

RT: 2.99 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU029309.D

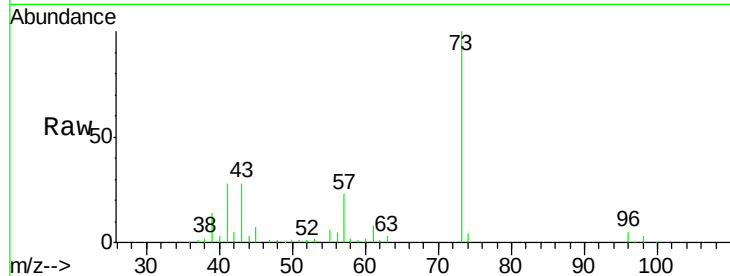
Acq: 29 Jan 2019 19:23

Tot Ion: 73 Resp: 74731

Ion Ratio Lower Upper

73 100

43 28.1 22.1 33.1



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

2.99

30000

20000

10000

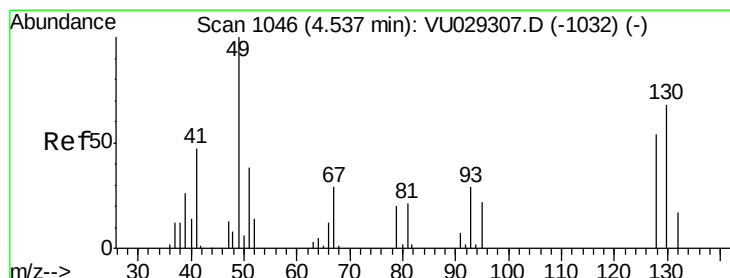
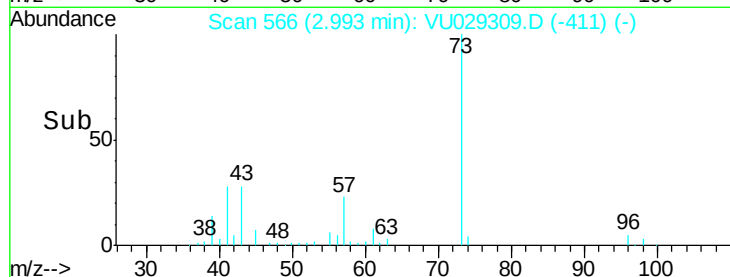
0

Time-->

2.90

3.00

3.10



#26

Bromochloromethane

Concen: 10.873 ug/l

RT: 4.54 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

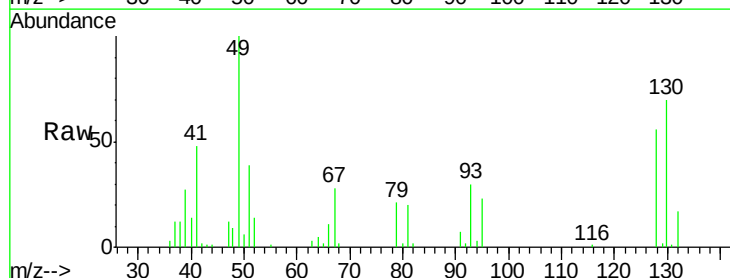
Tgt Ion: 128 Resp: 11656

Ion Ratio Lower Upper

128 100

49 188.0 0.0 401.6

130 123.8 108.0 162.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

12000

10000

8000

6000

4000

2000

0

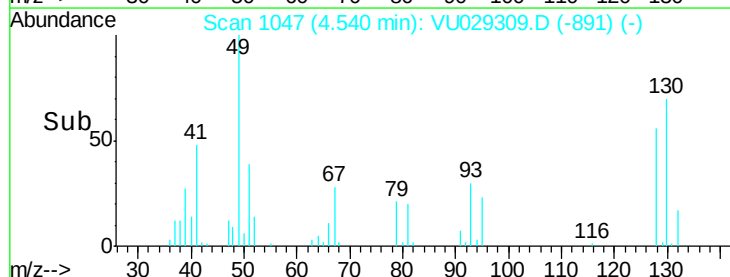
Time-->

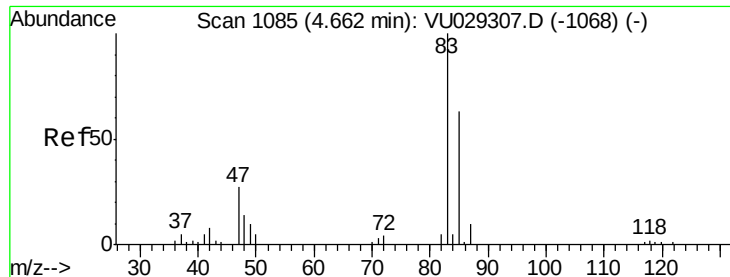
4.45

4.50

4.55

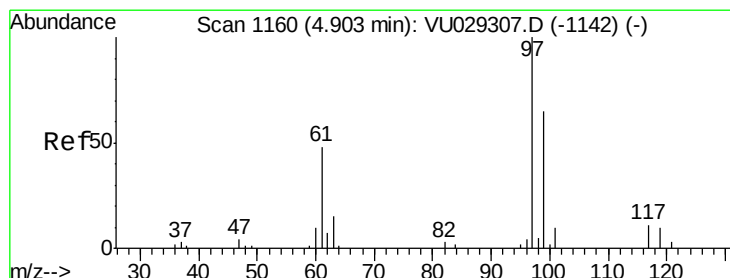
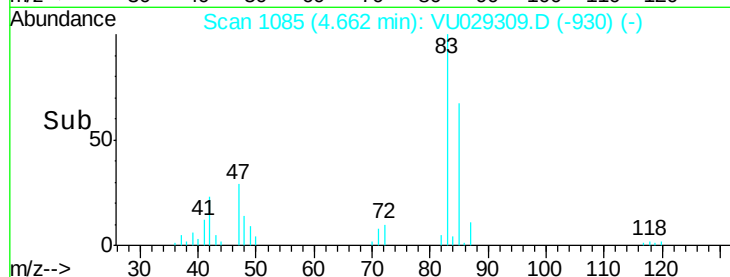
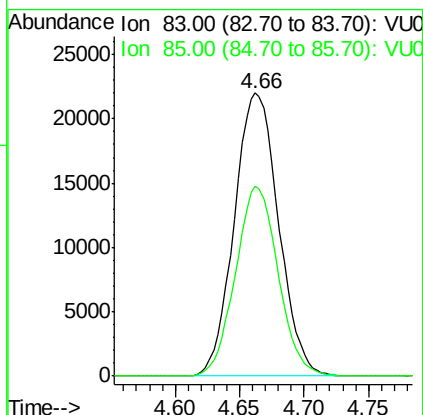
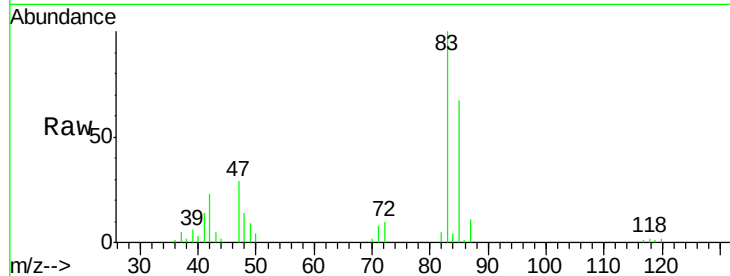
4.60





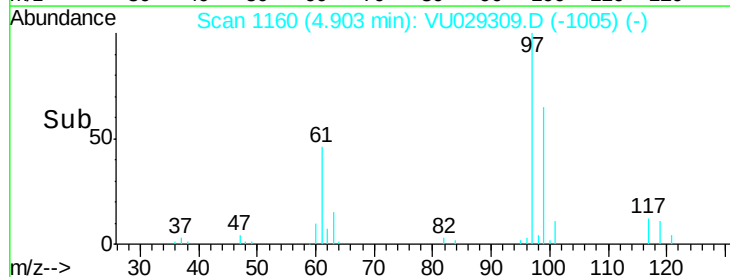
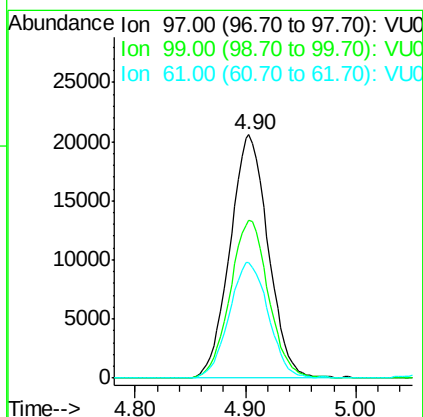
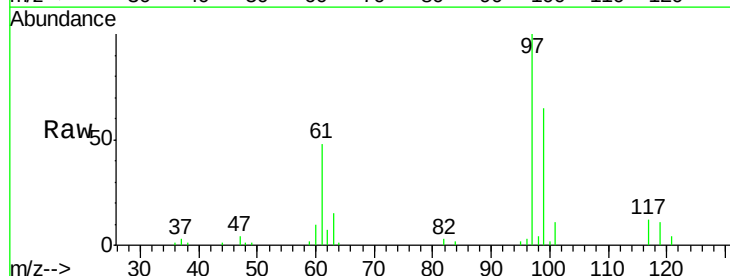
#27
Chloroform
Concen: 9.735 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

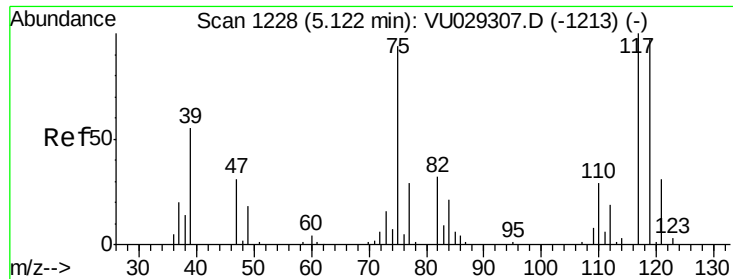
Tot Ion: 83 Resp: 52520
Ion Ratio Lower Upper
83 100
85 67.0 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 9.771 ug/l
RT: 4.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion: 97 Resp: 49265
Ion Ratio Lower Upper
97 100
99 65.4 32.4 97.2
61 48.6 24.4 73.2





#29

1,1-Dichloropropene

Concen: 10.390 ug/l

RT: 5.13 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

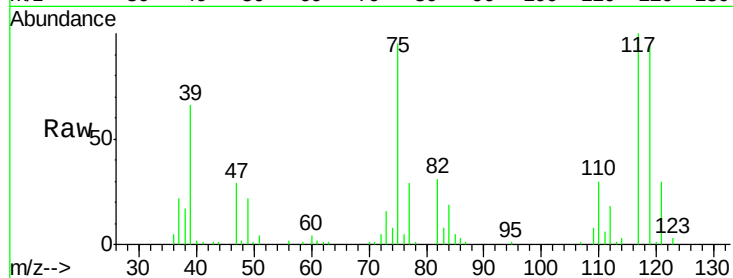
Tot Ion: 75 Resp: 38615

Ion Ratio Lower Upper

75 100

110 31.0 15.4 46.2

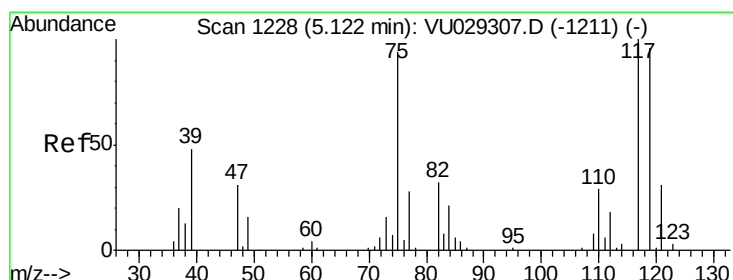
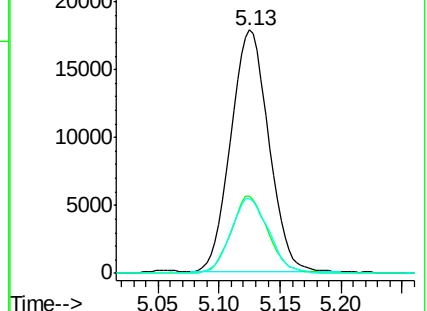
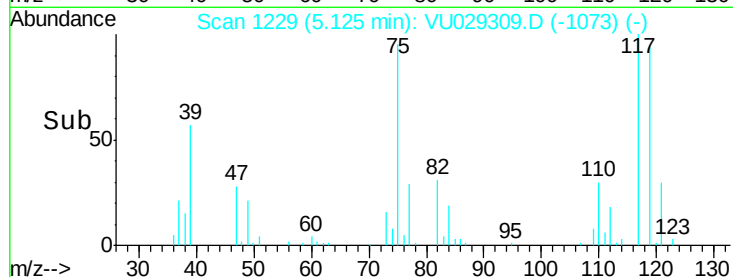
77 31.0 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU029307.D (-1213) (-)

Ion 110.00 (109.70 to 110.70): VU029307.D (-1213) (-)

Ion 77.00 (76.70 to 77.70): VU029307.D (-1213) (-)



#30

Carbon Tetrachloride

Concen: 9.848 ug/l

RT: 5.13 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

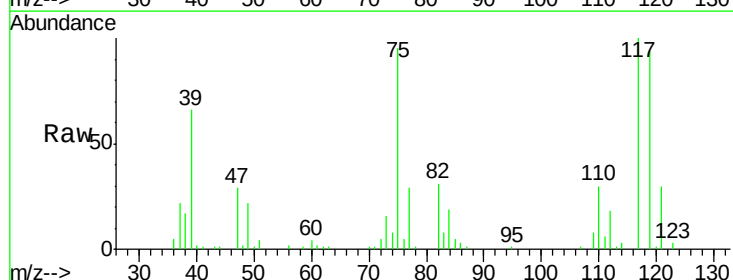
Tgt Ion: 117 Resp: 43411

Ion Ratio Lower Upper

117 100

119 93.7 76.8 115.2

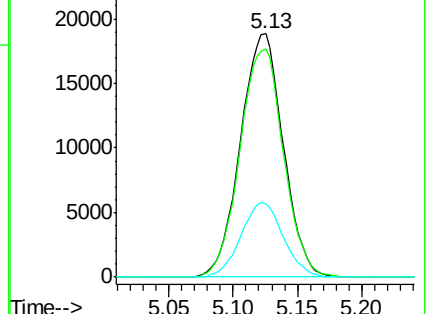
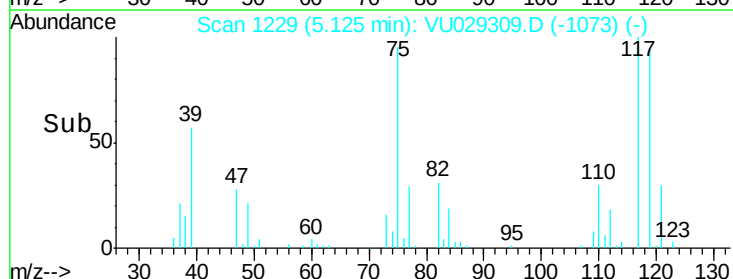
121 30.3 24.4 36.6

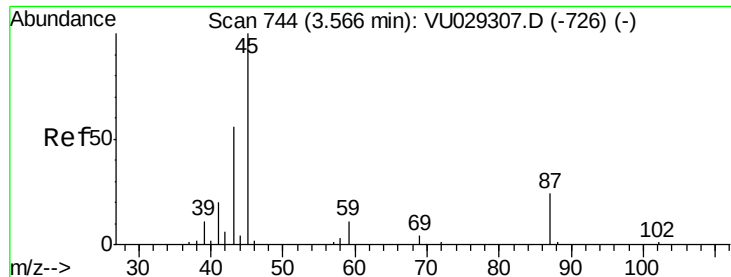


Abundance Ion 117.00 (116.70 to 117.70): VU029307.D (-1211) (-)

Ion 119.00 (118.70 to 119.70): VU029307.D (-1211) (-)

Ion 121.00 (120.70 to 121.70): VU029307.D (-1211) (-)





#31

Isopropyl Ether

Concen: 10.900 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029309.D

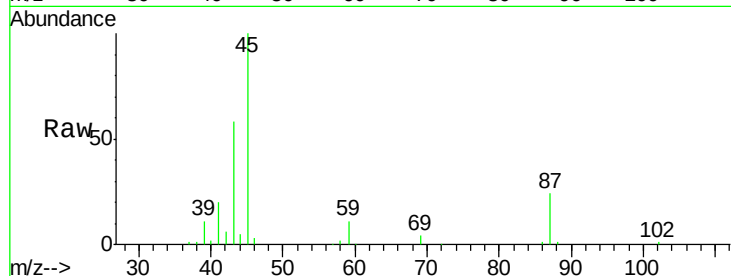
Acq: 29 Jan 2019 19:23

Tot Ion: 45 Resp: 86061

Ion Ratio Lower Upper

45 100

43 233.8 28.4 85.3#



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

100000

80000

60000

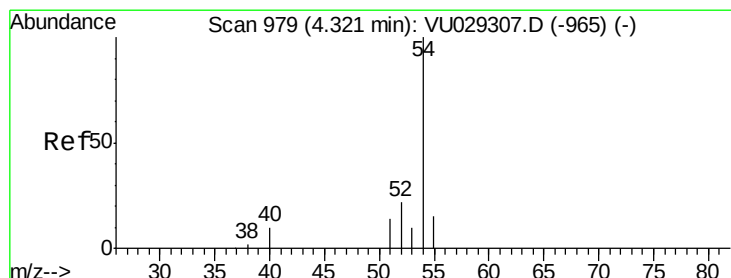
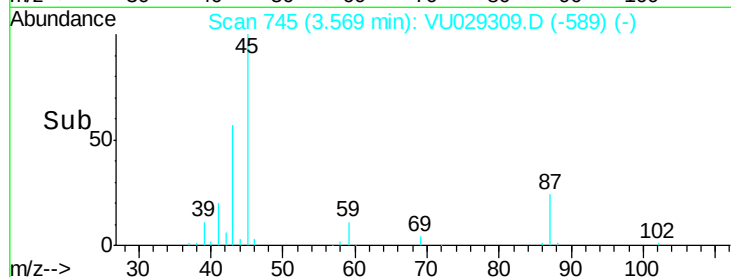
40000

20000

0

3.57

Time-->



#34

Propionitrile

Concen: 111.065 ug/l

RT: 4.32 min Scan# 979

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tgt Ion: 54 Resp: 23621

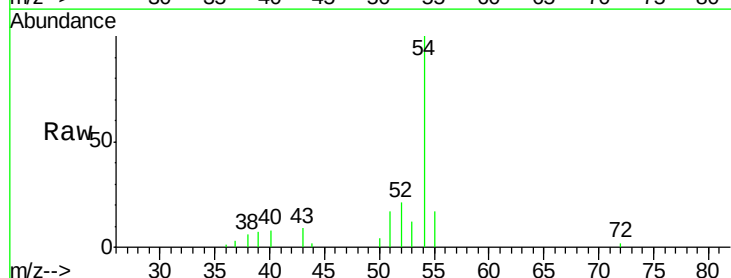
Ion Ratio Lower Upper

54 100

52 22.3 18.9 28.3

55 15.3 15.1 22.7

40 5.3 7.2 10.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0

15000

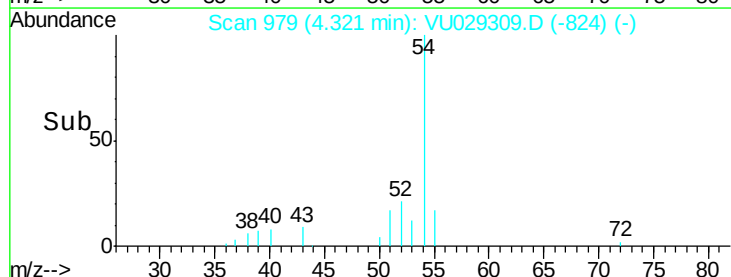
10000

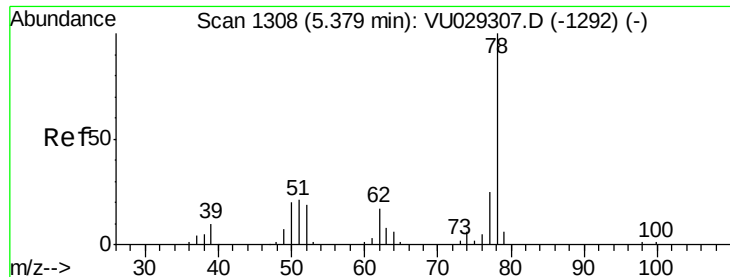
5000

0

4.32

Time-->





#35

Benzene

Concen: 10.025 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029309.D

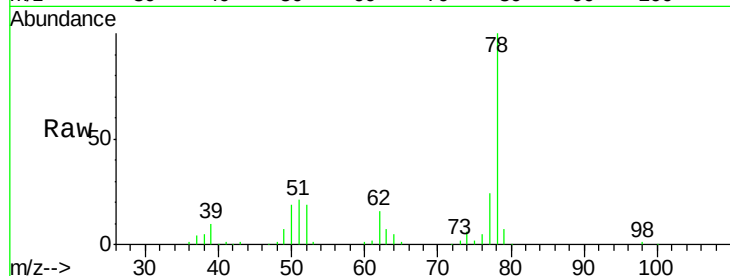
Acq: 29 Jan 2019 19:23

Tot Ion: 78 Resp: 102493

Ion Ratio Lower Upper

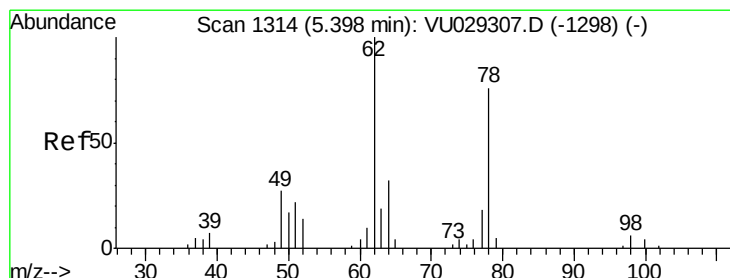
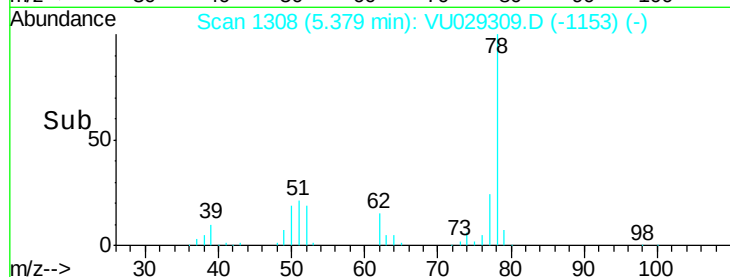
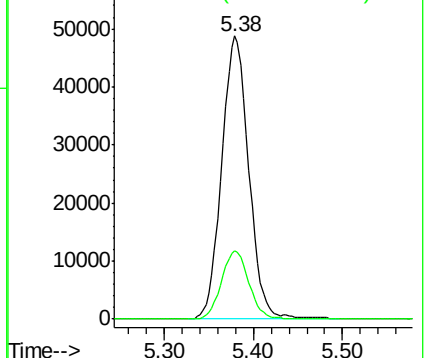
78 100

77 24.1 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: 9.764 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029309.D

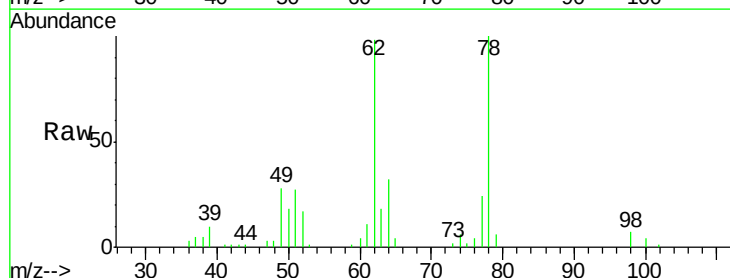
Acq: 29 Jan 2019 19:23

Tgt Ion: 62 Resp: 41320

Ion Ratio Lower Upper

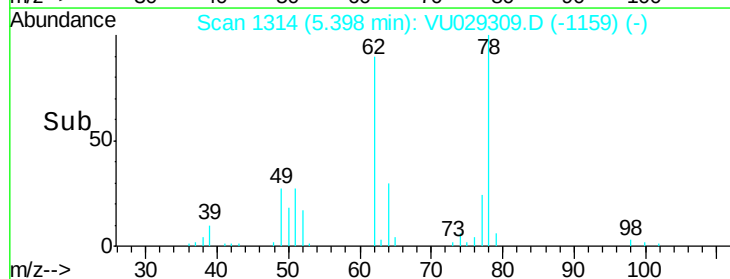
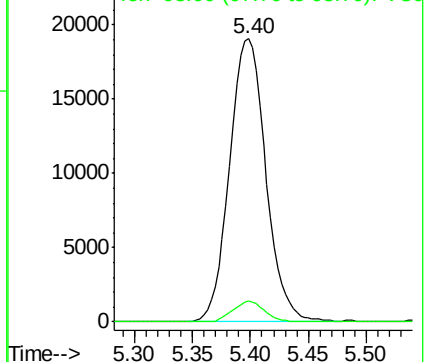
62 100

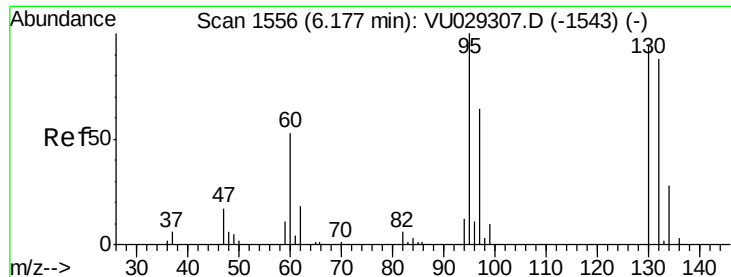
98 6.3 4.9 7.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

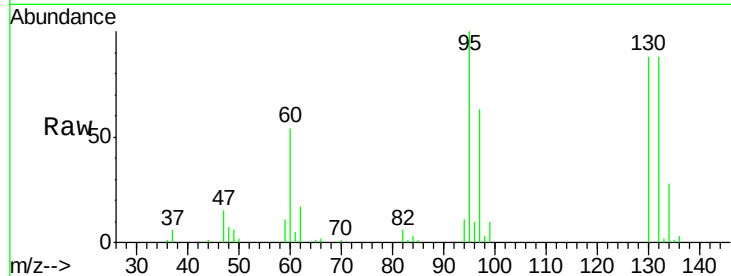
Ion 98.00 (97.70 to 98.70): VU0



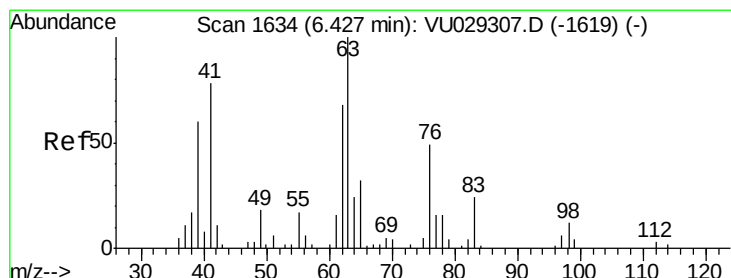
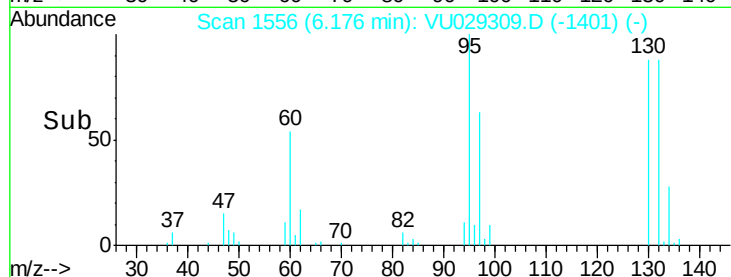
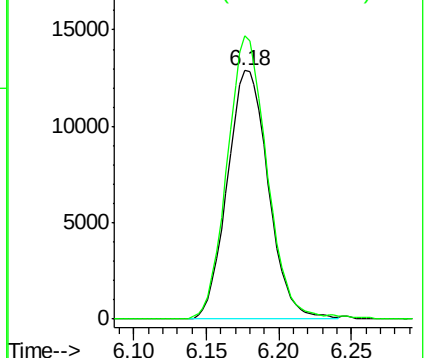


#37
 Trichloroethene
 Concen: 9.856 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tot Ion:130 Resp: 25371
 Ion Ratio Lower Upper
 130 100
 95 113.9 85.4 128.0

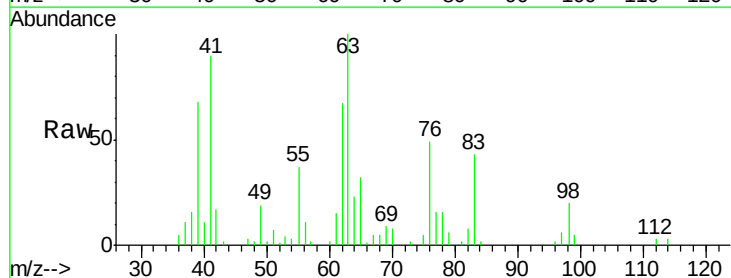


Abundance Ion 129.90 (129.60 to 130.60): VU029309.D (-1401) (-)
 Ion 94.90 (94.60 to 95.60): VU029309.D (-1401) (-)

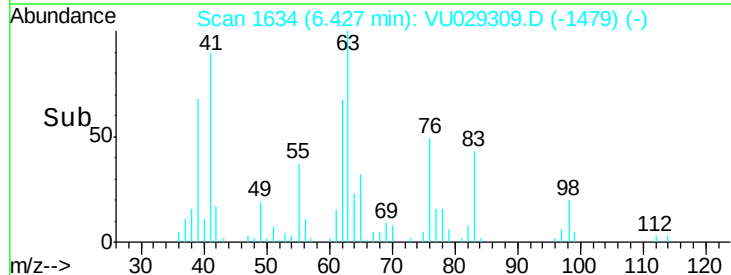
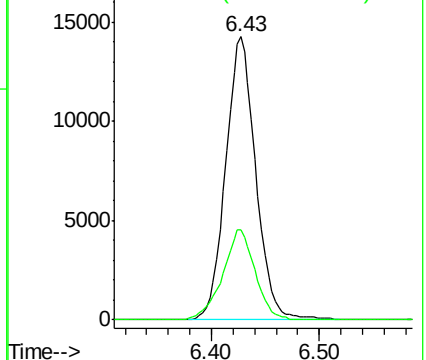


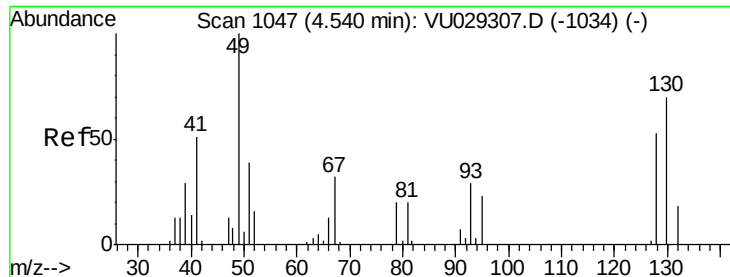
#38
 1,2-Dichloropropane
 Concen: 9.910 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion: 63 Resp: 27725
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3



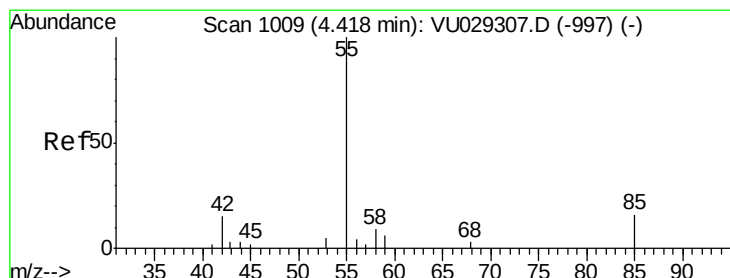
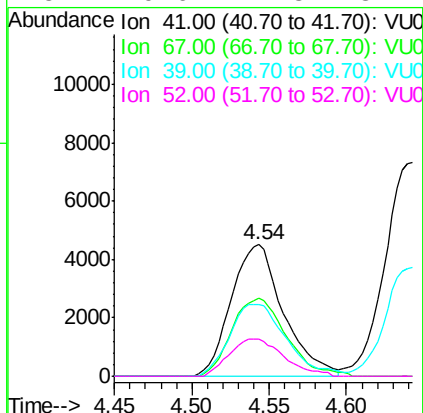
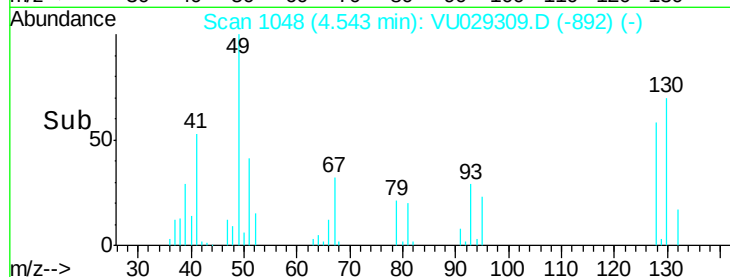
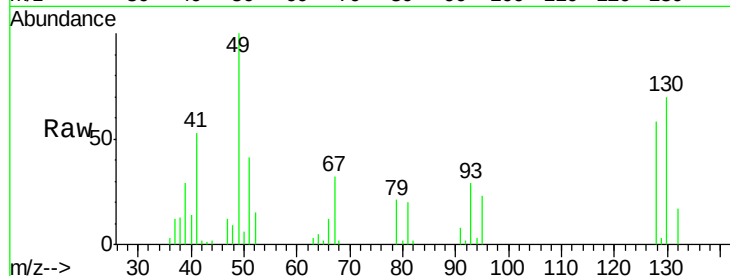
Abundance Ion 63.00 (62.70 to 63.70): VU029309.D (-1479) (-)
 Ion 65.00 (64.70 to 65.70): VU029309.D (-1479) (-)





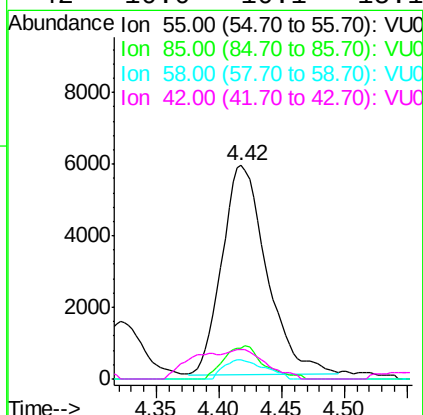
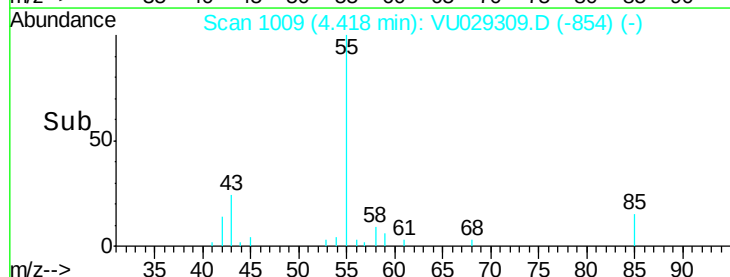
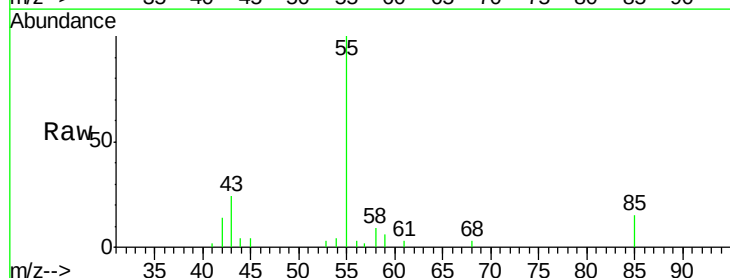
#39
Methacrylonitrile
Concen: 10.352 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

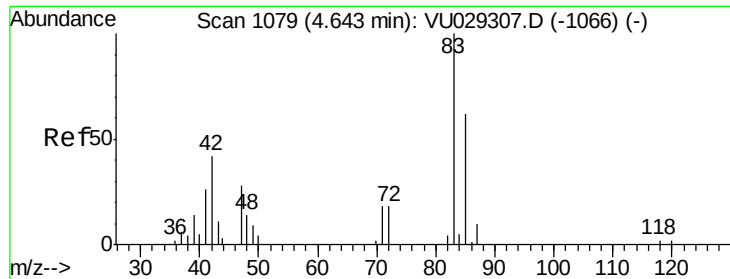
Tot Ion:	41	Resp:	10566
Ion	Ratio	Lower	Upper
41	100		
67	62.1	50.1	75.1
39	59.5	47.9	71.9
52	29.6	24.8	37.2



#40
Methyl acrylate
Concen: 10.527 ug/l
RT: 4.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion:	55	Resp:	14527
Ion	Ratio	Lower	Upper
55	100		
85	14.0	11.3	16.9
58	8.3	6.2	9.4
42	10.0	10.1	15.1#





#41

Tetrahydrofuran

Concen: 56.739 ug/l

RT: 4.64 min Scan# 1078

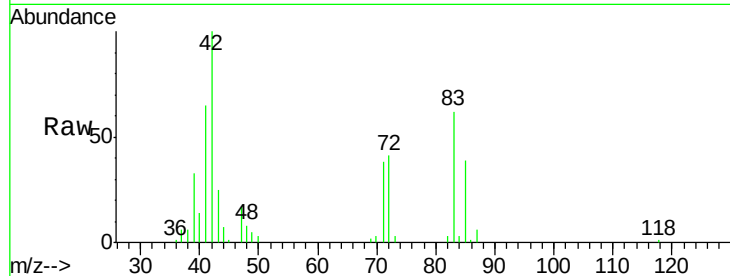
Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tot Ion: 42 Resp: 27057

Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.1	49.7
71	36.7	30.2	45.2

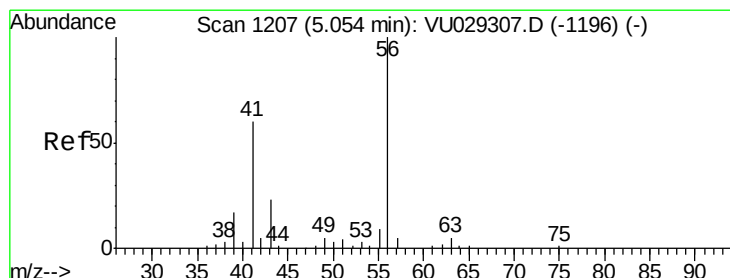
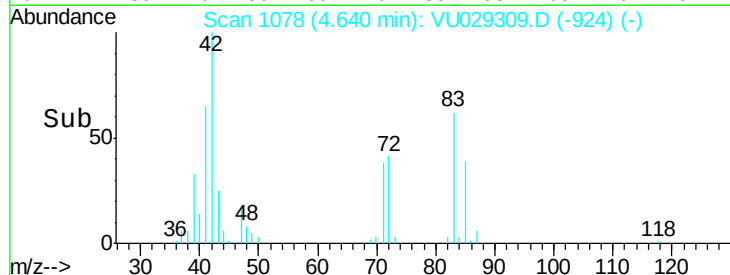
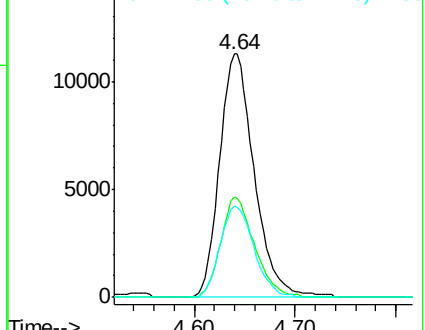


Abundance

Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 10.047 ug/l

RT: 5.05 min Scan# 1207

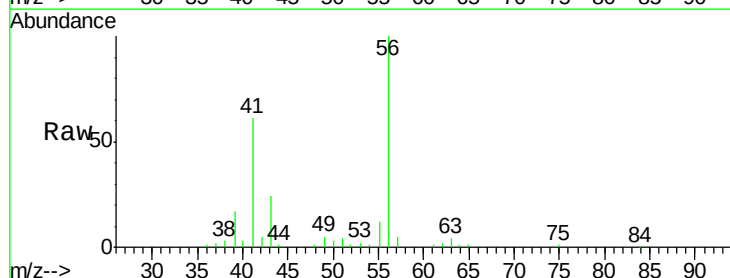
Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tgt Ion: 56 Resp: 57221

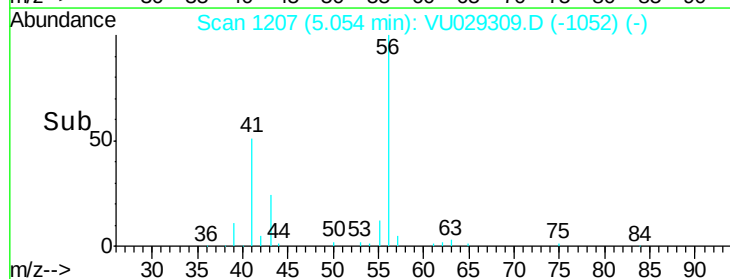
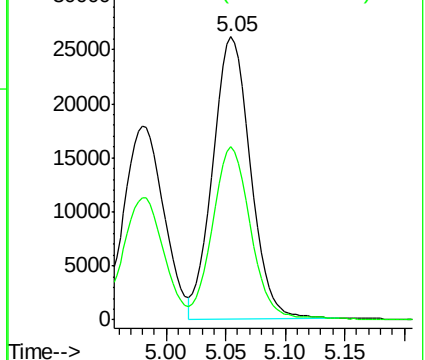
Ion	Ratio	Lower	Upper
56	100		
41	60.0	31.3	93.8

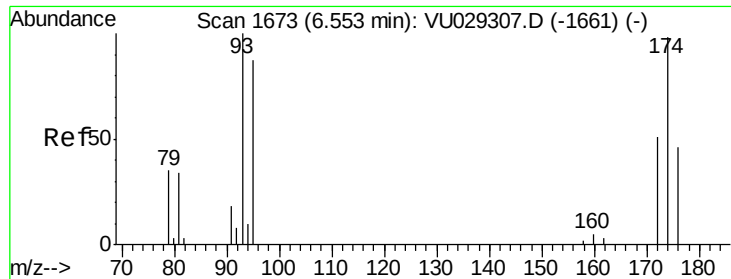


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.913 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

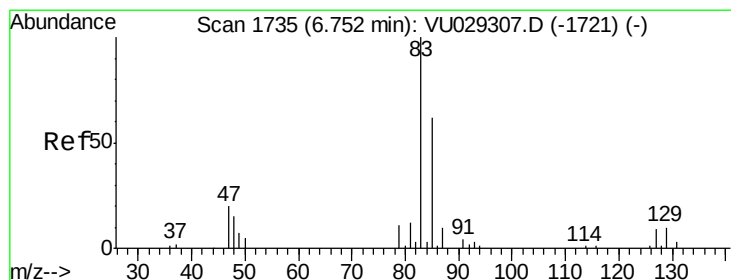
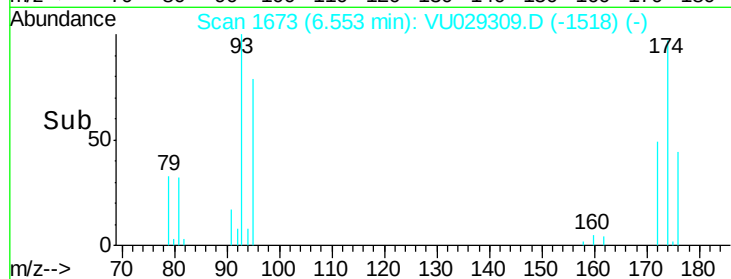
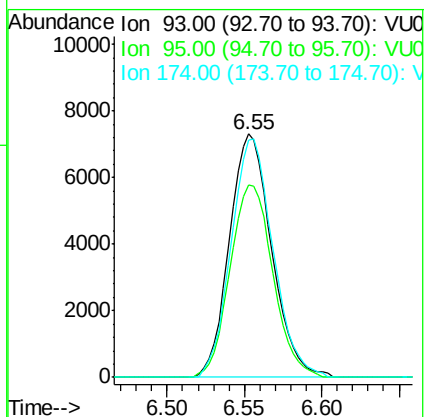
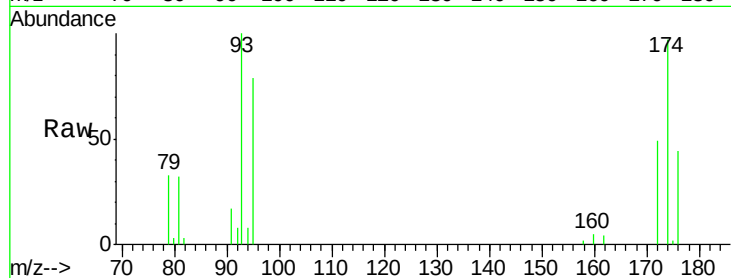
Tot Ion: 93 Resp: 13834

Ion Ratio Lower Upper

93 100

95 80.4 68.2 102.2

174 97.6 77.6 116.4



#44

Bromodichloromethane

Concen: 9.799 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

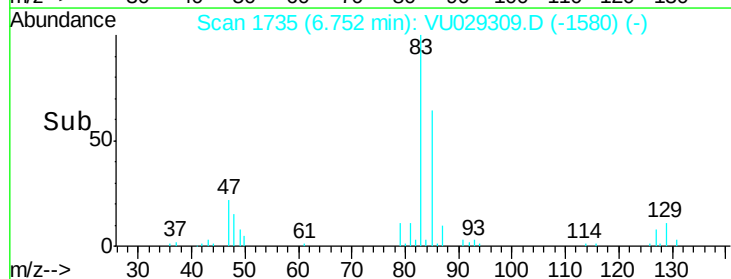
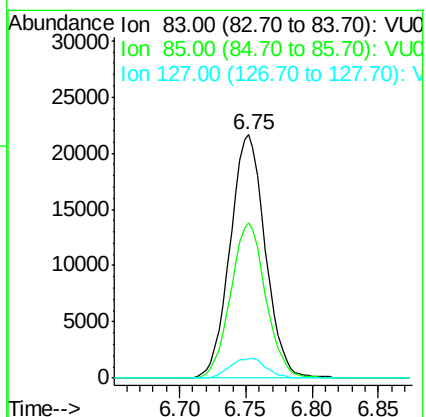
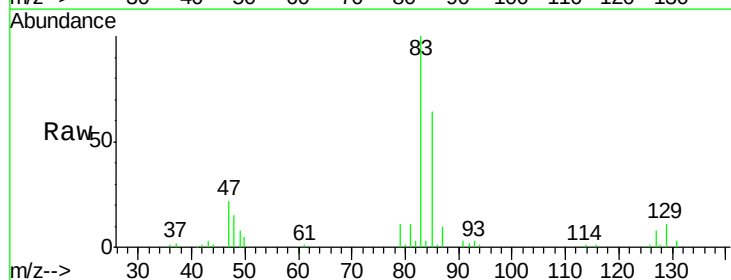
Tgt Ion: 83 Resp: 39783

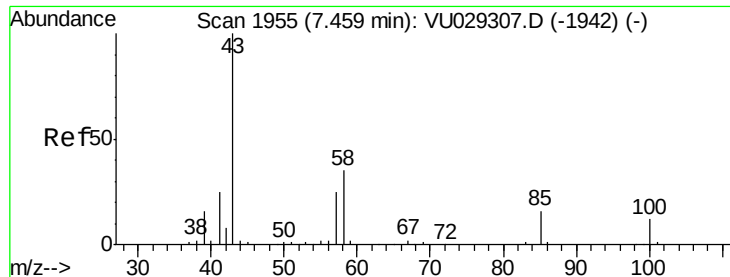
Ion Ratio Lower Upper

83 100

85 63.6 49.2 73.8

127 8.1 7.0 10.6





#45

4-Methyl-2-Pentanone

Concen: 52.060 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

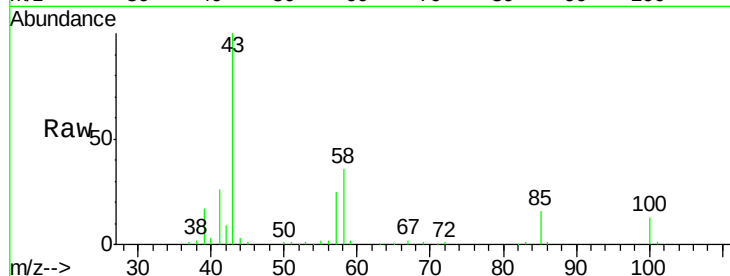
Tot Ion: 43 Resp: 100486

Ion Ratio Lower Upper

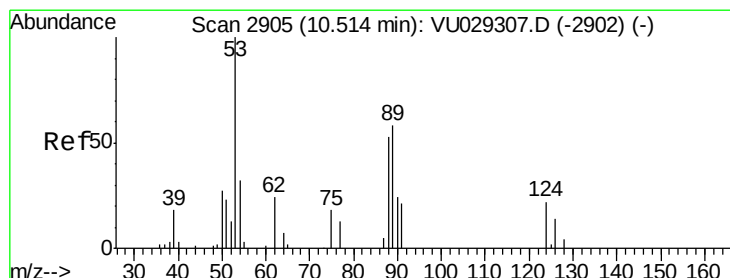
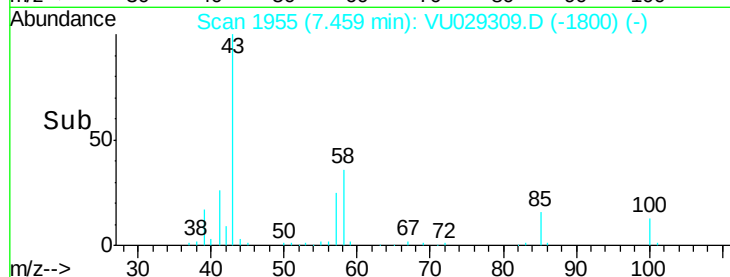
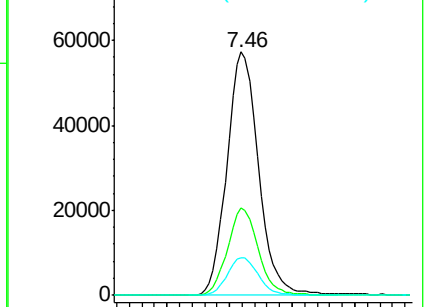
43 100

58 34.7 17.6 52.8

85 15.1 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 10.014 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

Tgt Ion: 75 Resp: 6517

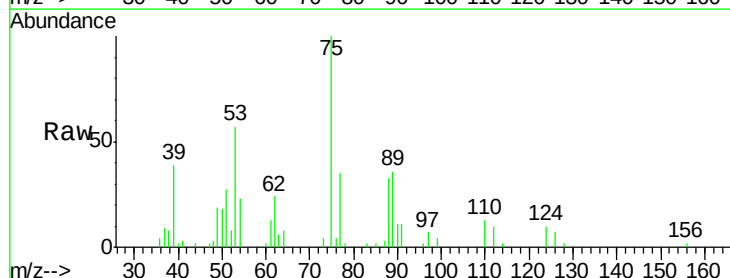
Ion Ratio Lower Upper

75 100

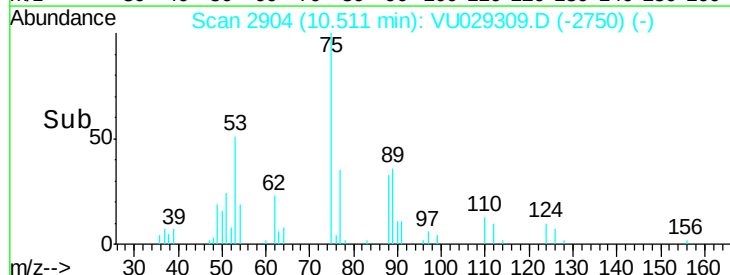
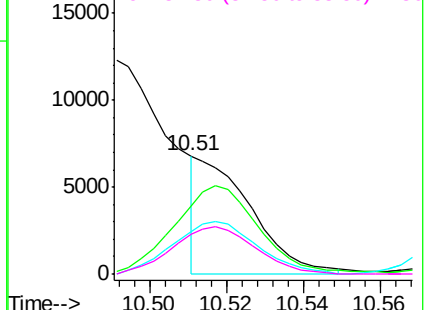
53 120.2 78.2 117.4#

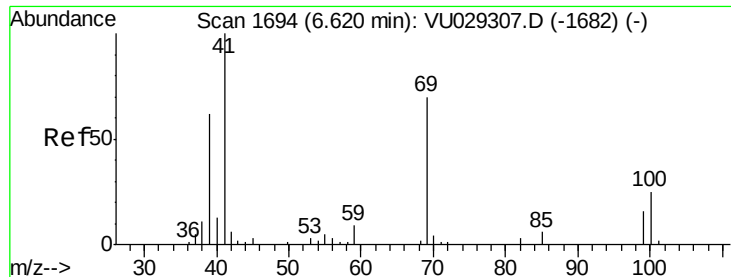
89 70.6 44.2 66.4#

88 62.1 41.4 62.2



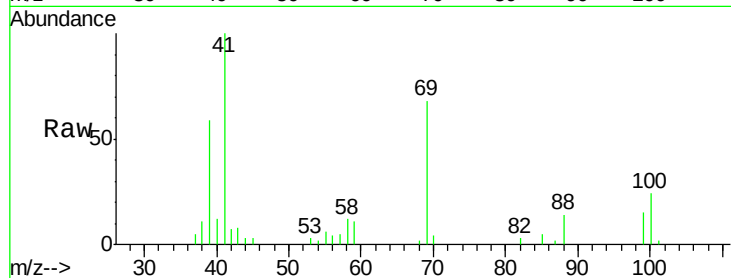
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0



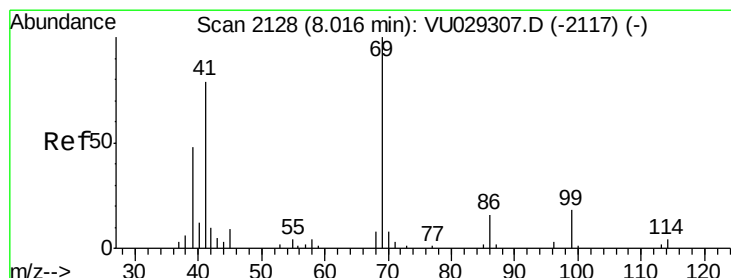
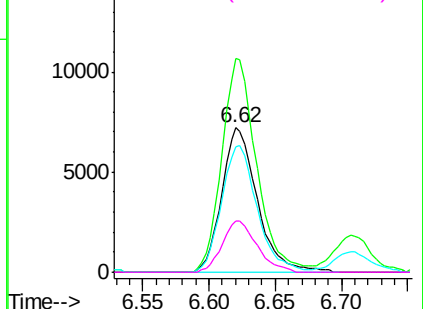
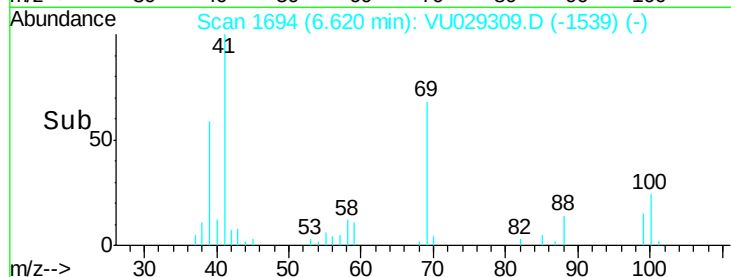


#47
Methyl methacrylate
Concen: 11.366 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion: 69 Resp: 13411
Ion Ratio Lower Upper
69 100
41 144.3 0.0 296.2
39 88.1 71.2 106.8
100 34.6 28.6 42.8

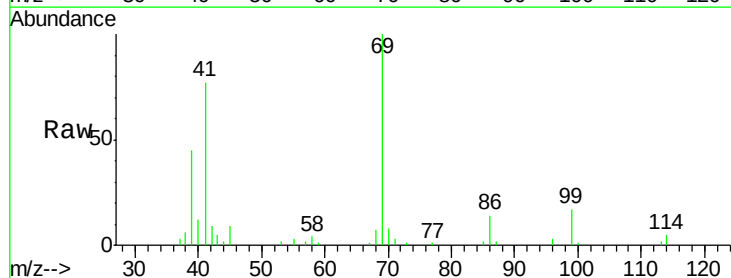


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

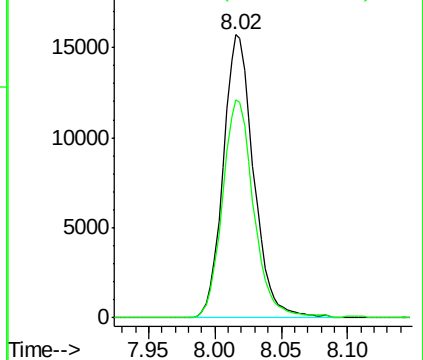
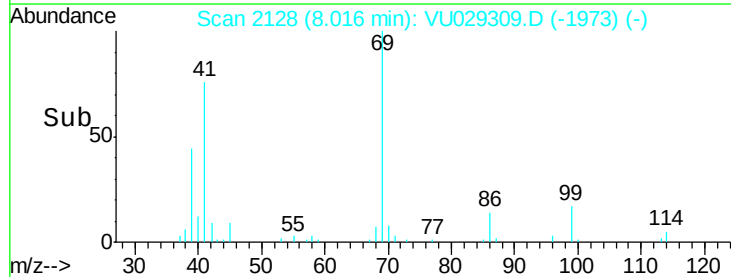


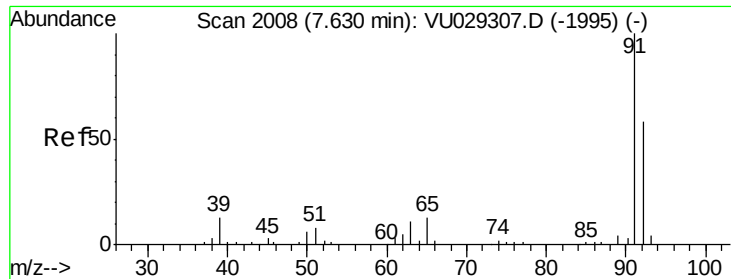
#48
Ethyl methacrylate
Concen: 11.149 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion: 69 Resp: 25078
Ion Ratio Lower Upper
69 100
41 79.2 39.9 119.7



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





#49

Toluene

Concen: 10.938 ug/l

RT: 7.63 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU029309.D

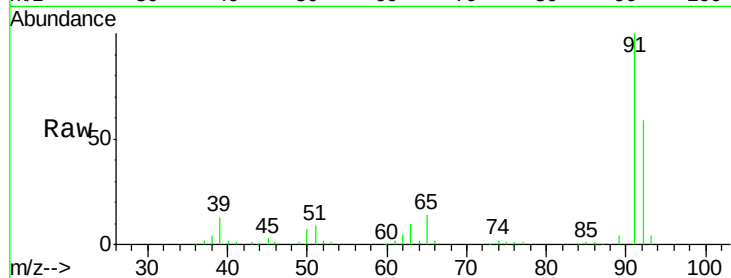
Acq: 29 Jan 2019 19:23

Tot Ion: 92 Resp: 64885

Ion Ratio Lower Upper

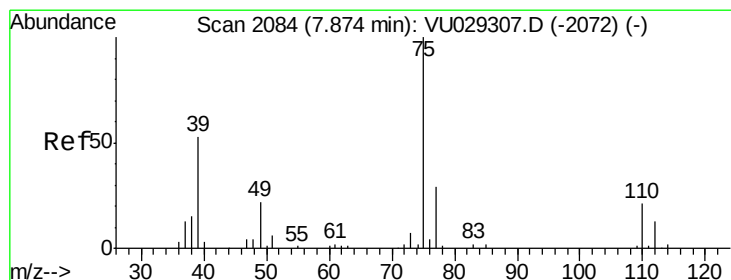
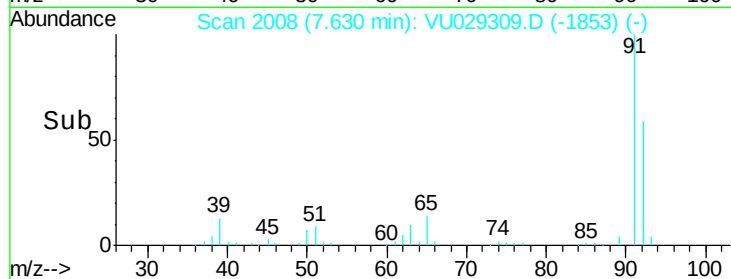
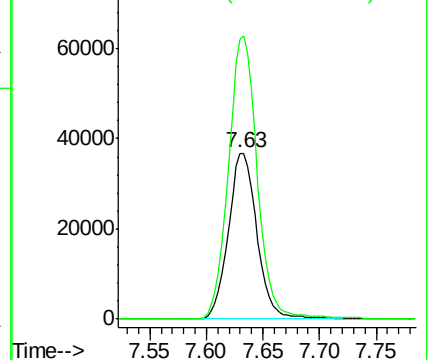
92 100

91 171.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 11.119 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029309.D

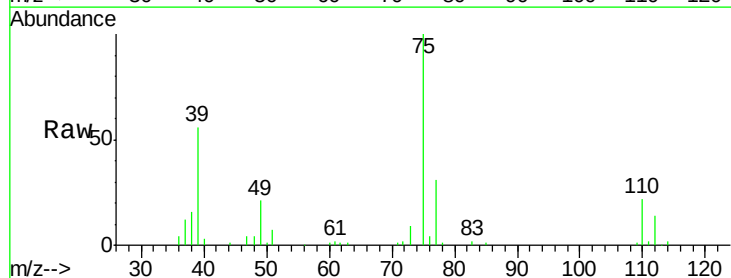
Acq: 29 Jan 2019 19:23

Tgt Ion: 75 Resp: 38588

Ion Ratio Lower Upper

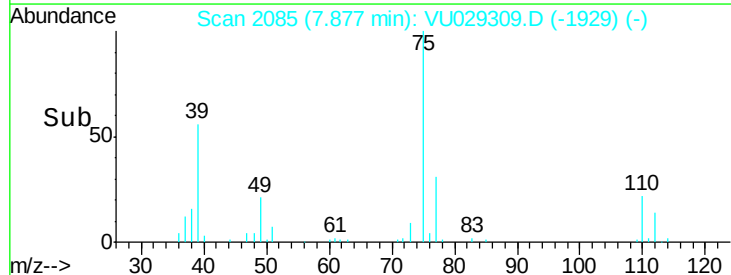
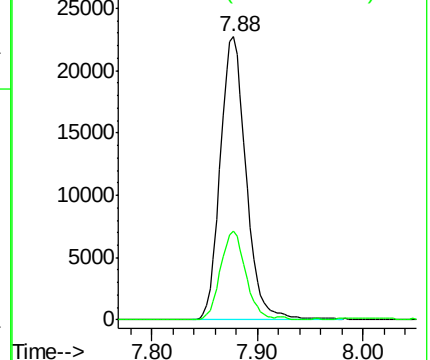
75 100

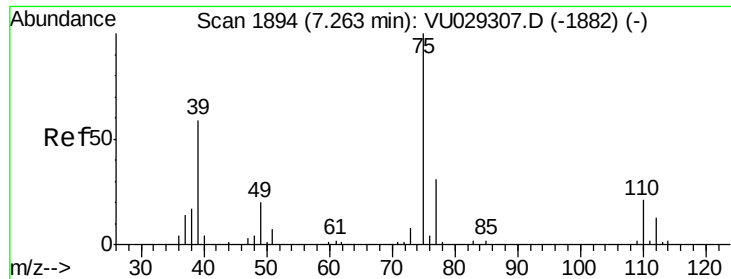
77 31.4 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

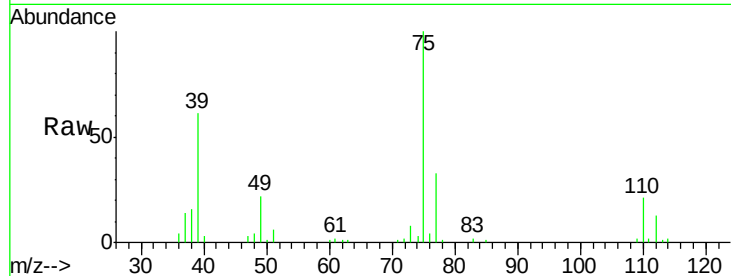




#51

cis-1,3-Dichloropropene
Concen: 10.602 ug/l
RT: 7.26 min Scan# 1894
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.9	37.3
39	61.2	47.2	70.8

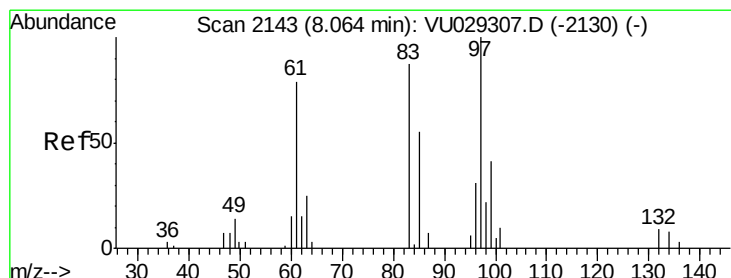
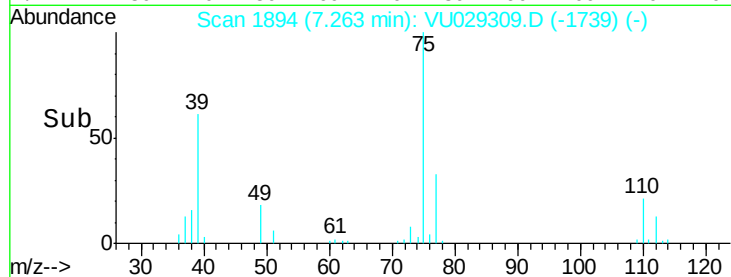
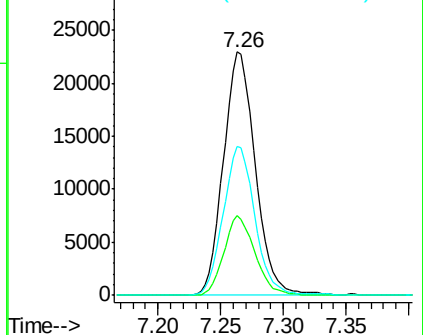


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

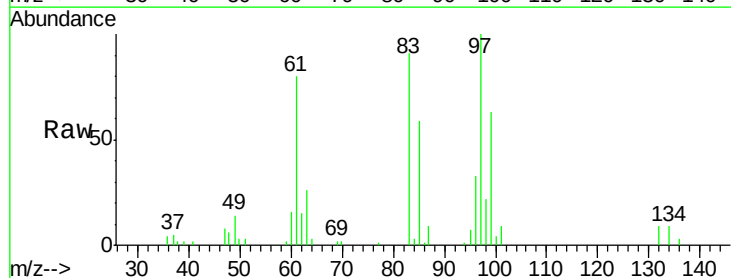
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 10.625 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.9	104.9
85	59.5	45.8	68.6
99	62.7	50.2	75.2



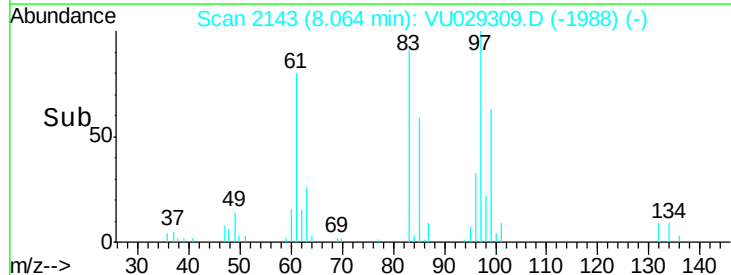
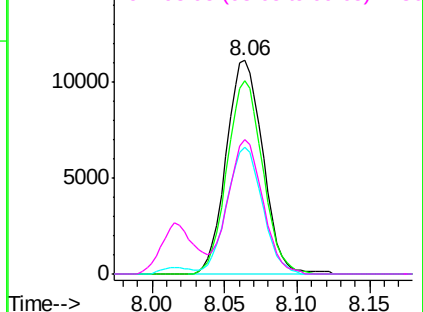
Abundance

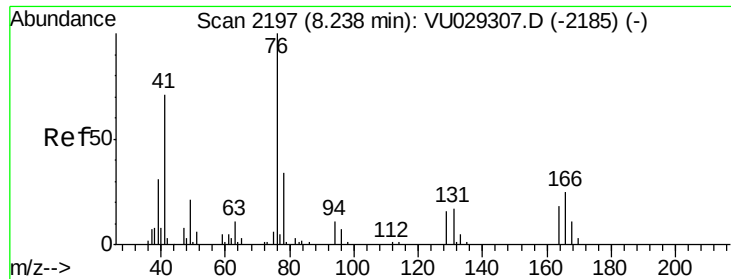
Ion 97.00 (96.70 to 97.70): VU0

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: 10.221 ug/l

RT: 8.24 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VU029309.D

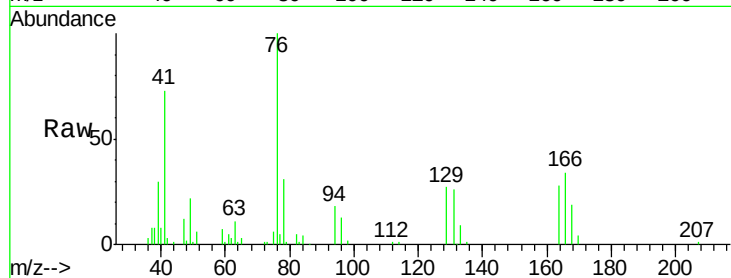
Acq: 29 Jan 2019 19:23

Tot Ion: 76 Resp: 35066

Ion Ratio Lower Upper

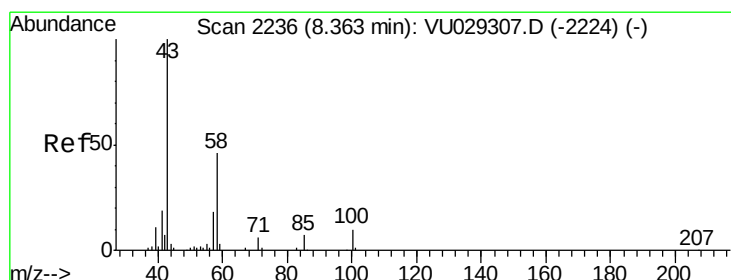
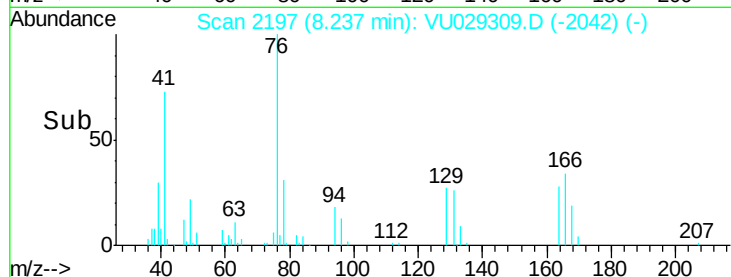
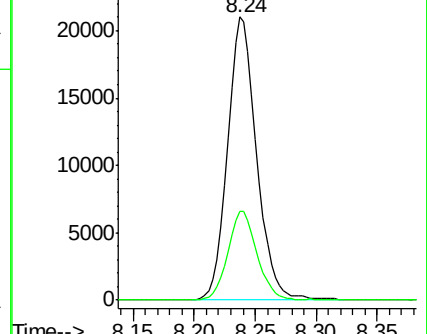
76 100

78 31.4 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: 52.721 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

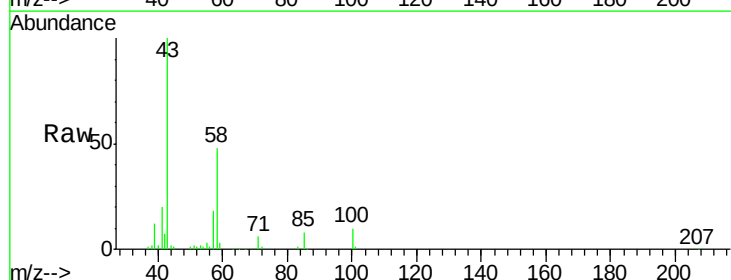
Tgt Ion: 43 Resp: 72012

Ion Ratio Lower Upper

43 100

58 47.3 26.0 66.0

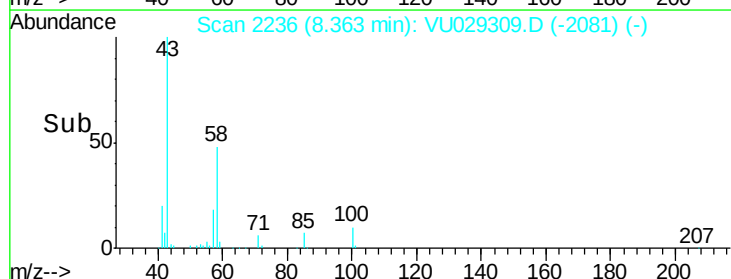
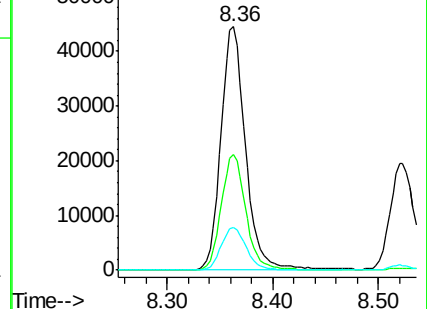
57 17.8 0.0 37.7

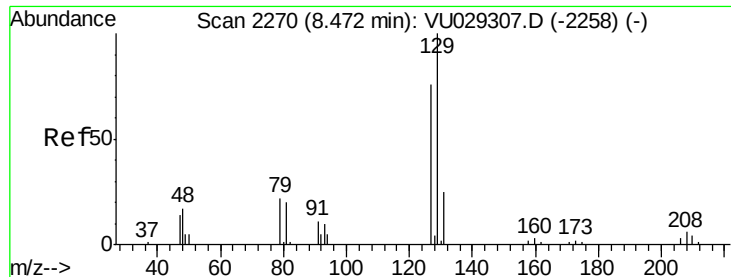


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 9.912 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VU029309.D

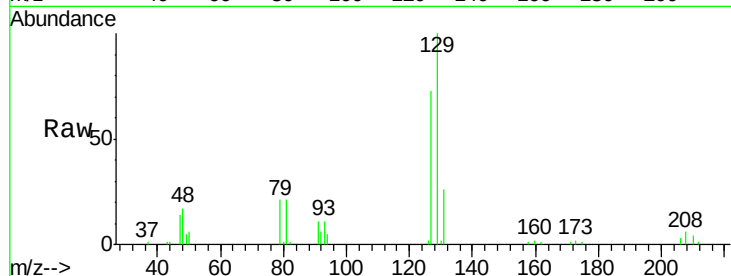
Acq: 29 Jan 2019 19:23

Tot Ion:129 Resp: 24435

Ion Ratio Lower Upper

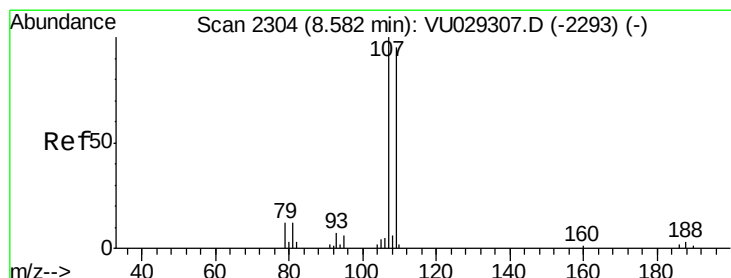
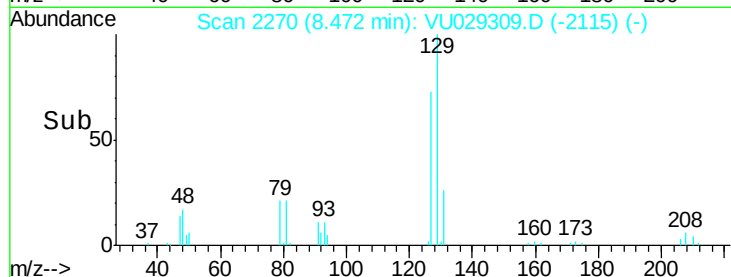
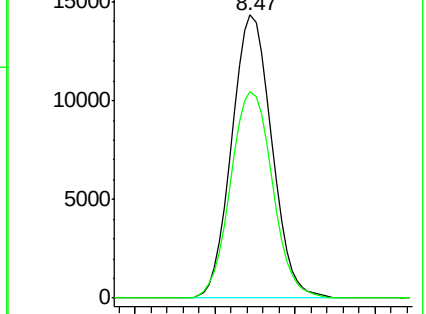
129 100

127 76.5 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: 10.873 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029309.D

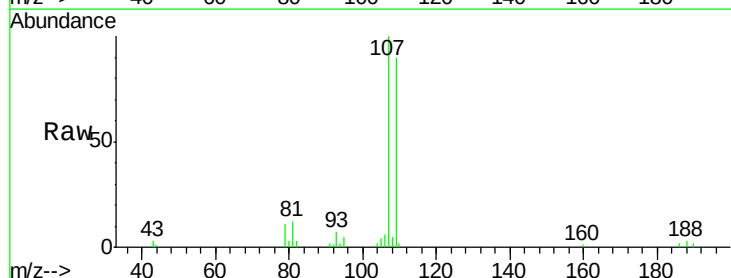
Acq: 29 Jan 2019 19:23

Tgt Ion:107 Resp: 18279

Ion Ratio Lower Upper

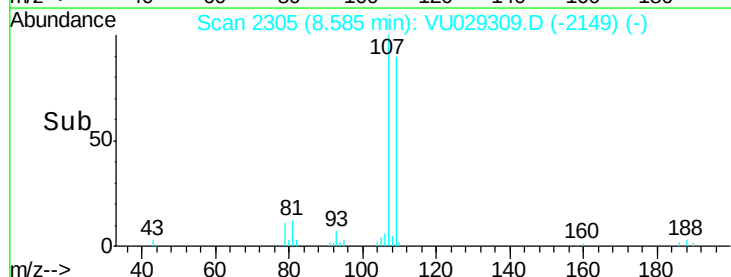
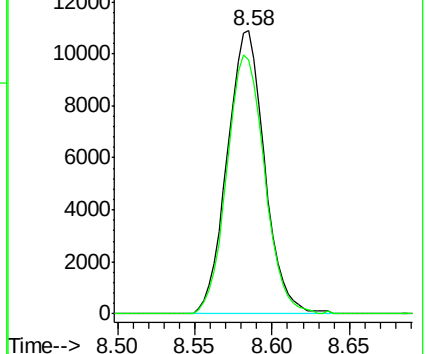
107 100

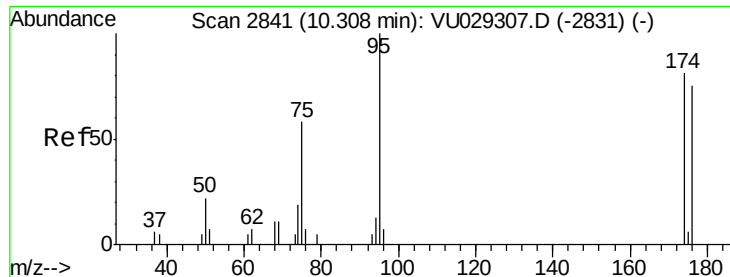
109 91.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

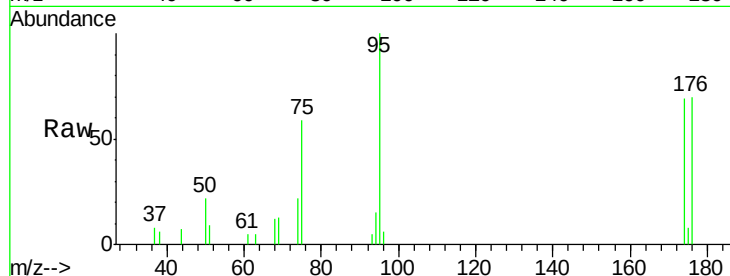
Ion 109.00 (108.70 to 109.70): V



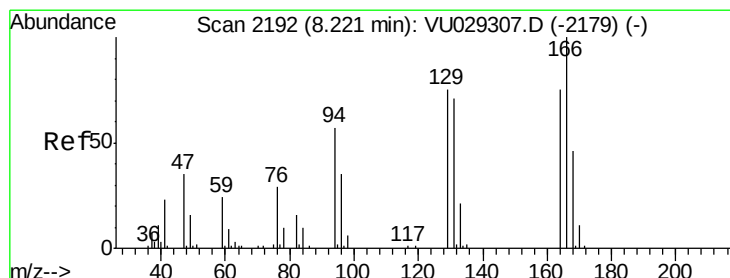
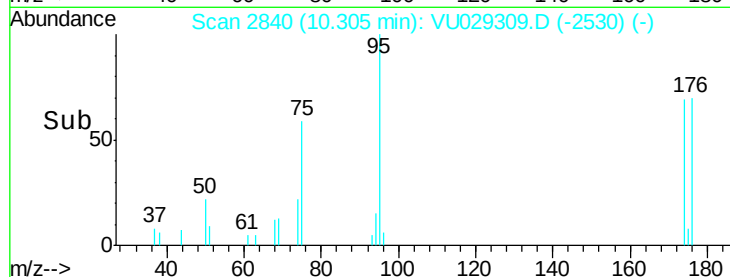
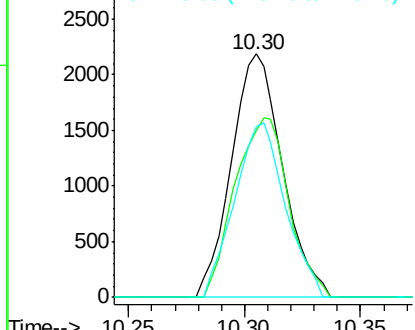


#57
 4-Bromofluorobenzene
 Concen: 10.873 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tot Ion: 95 Resp: 3344
 Ion Ratio Lower Upper
 95 100
 174 77.7 64.2 96.2
 176 71.3 62.3 93.5

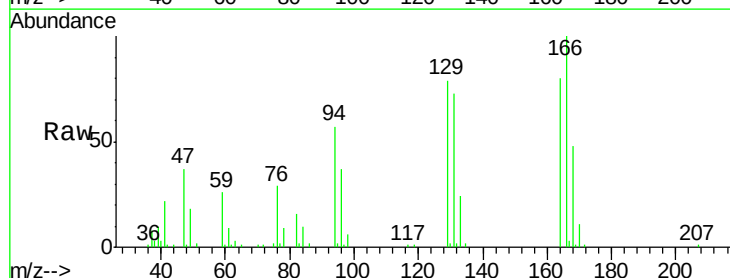


Abundance Ion 95.00 (94.70 to 95.70): VU029309.D (-2530) (-)
 Ion 174.00 (173.70 to 174.70): VU029309.D (-2530) (-)
 Ion 176.00 (175.70 to 176.70): VU029309.D (-2530) (-)

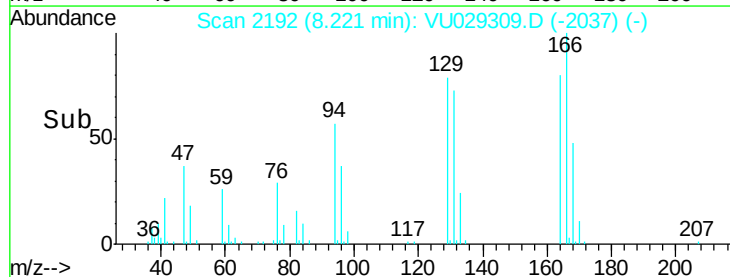
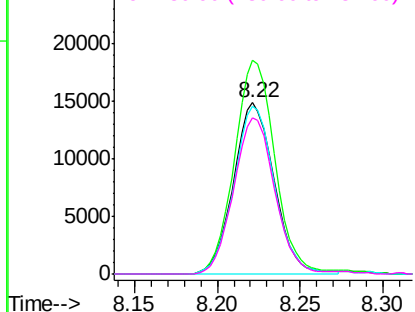


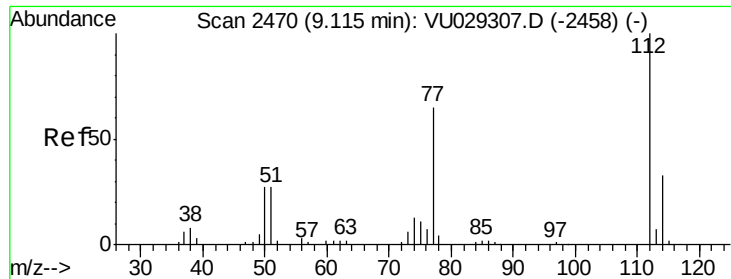
#58
 Tetrachloroethene
 Concen: 10.345 ug/l
 RT: 8.22 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion: 164 Resp: 25276
 Ion Ratio Lower Upper
 164 100
 166 124.9 106.6 159.8
 129 98.1 79.9 119.9
 131 91.4 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029309.D (-2037) (-)
 Ion 165.80 (165.50 to 166.50): VU029309.D (-2037) (-)
 Ion 128.90 (128.60 to 129.60): VU029309.D (-2037) (-)
 Ion 130.90 (130.60 to 131.60): VU029309.D (-2037) (-)





#59

Chlorobenzene

Concen: 10.631 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029309.D

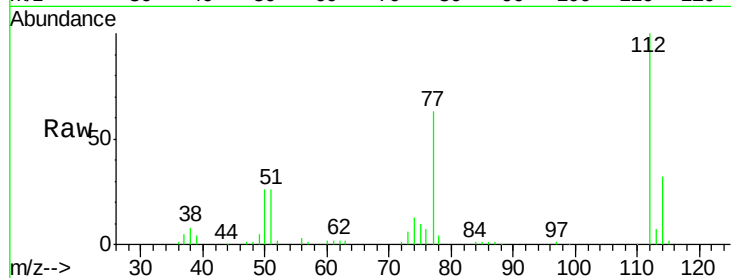
Acq: 29 Jan 2019 19:23

Tot Ion:112 Resp: 68556

Ion Ratio Lower Upper

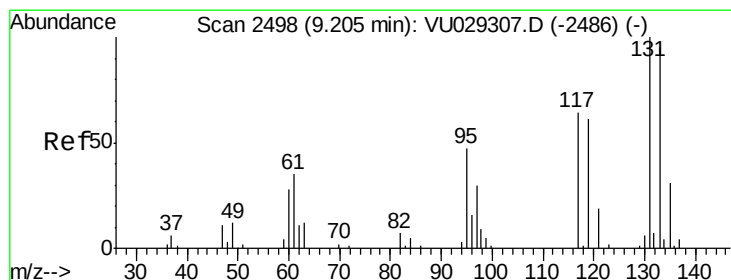
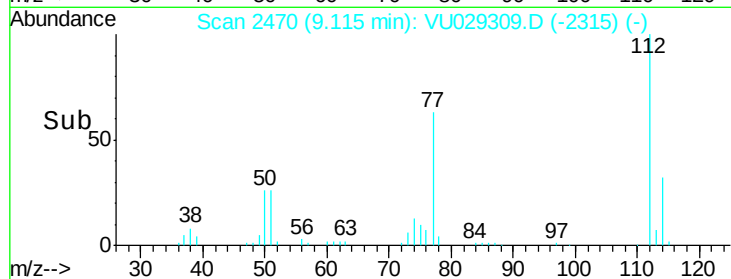
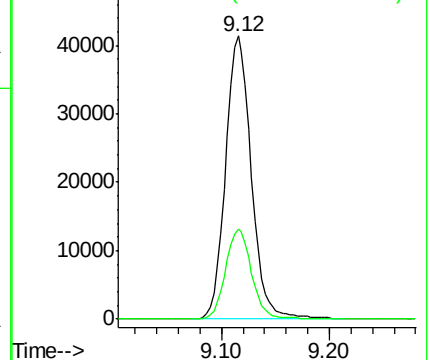
112 100

114 31.9 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: 9.921 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

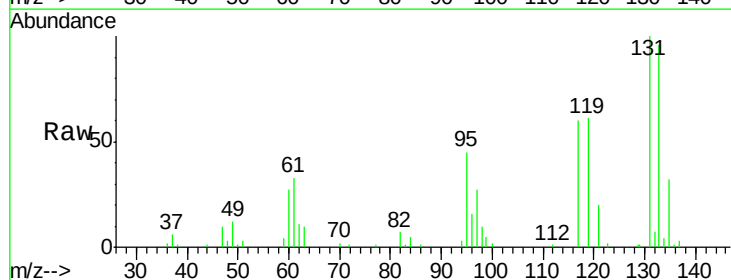
Tgt Ion:131 Resp: 26410

Ion Ratio Lower Upper

131 100

133 97.1 77.3 115.9

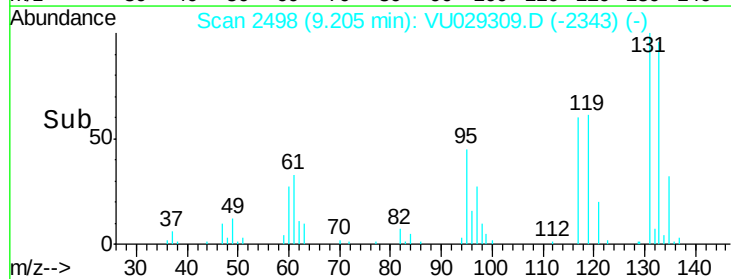
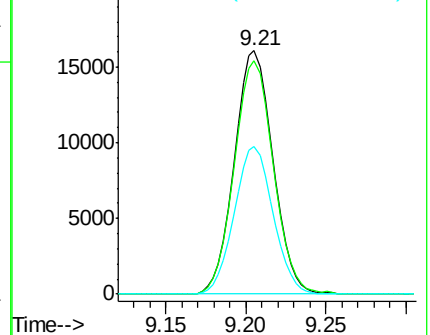
119 60.6 48.9 73.3

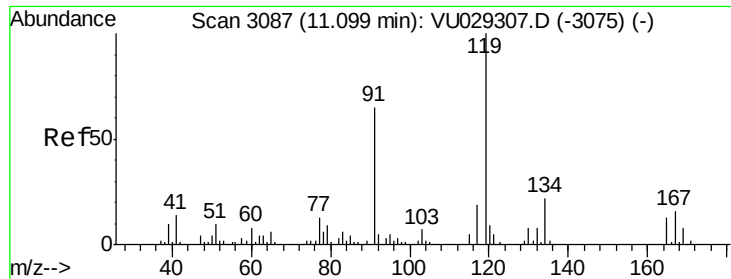


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

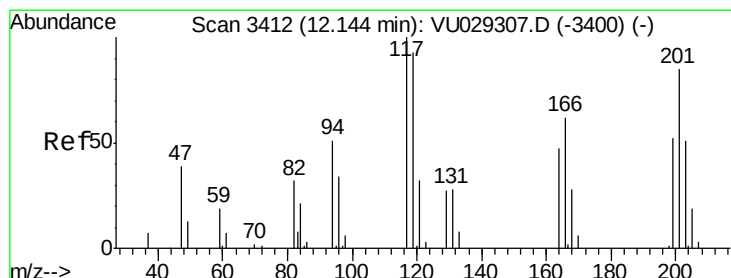
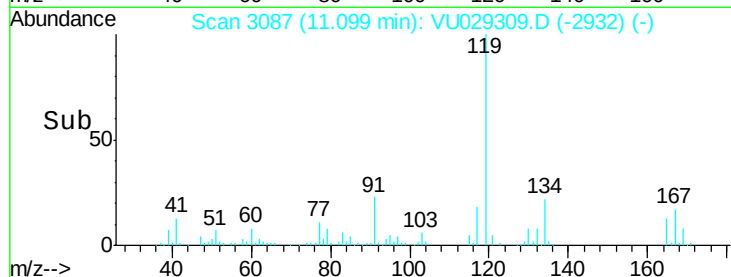
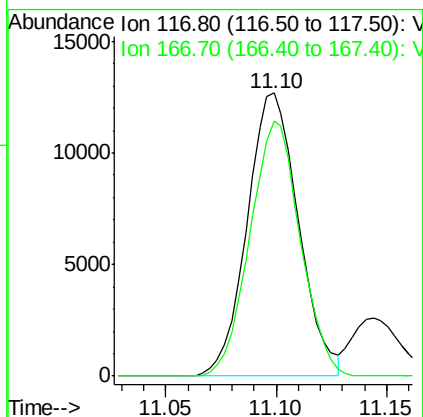
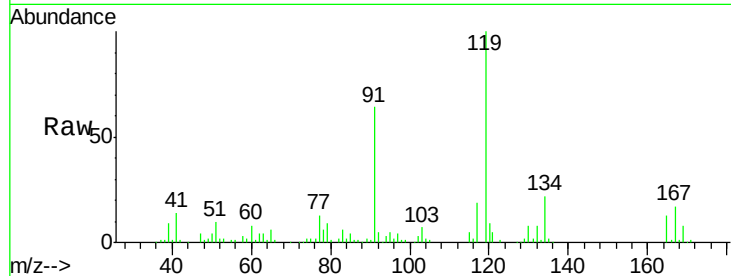
Ion 119.00 (118.70 to 119.70): V





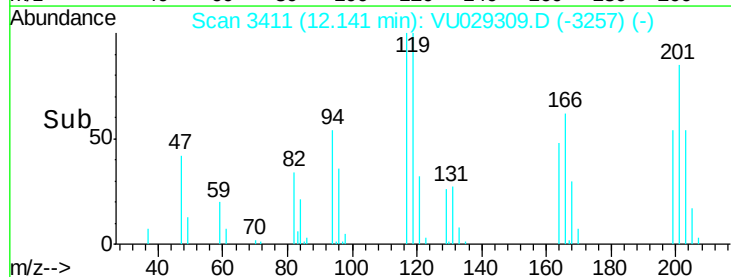
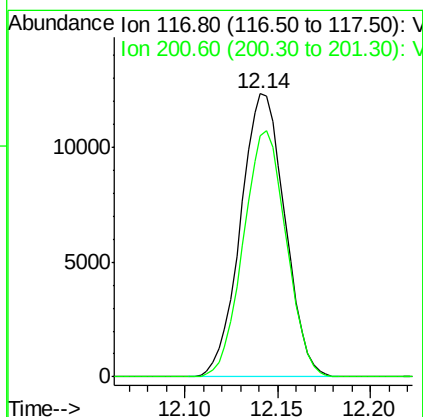
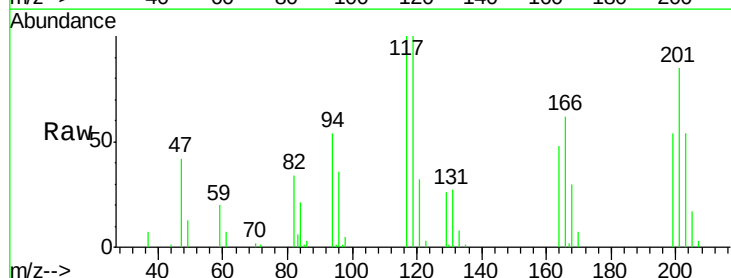
#61
 Pentachloroethane
 Concen: 10.029 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

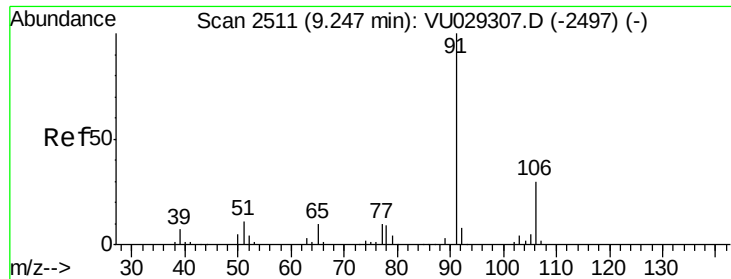
Tot Ion:117 Resp: 20560
 Ion Ratio Lower Upper
 117 100
 167 87.8 65.9 98.9



#62
 Hexachloroethane
 Concen: 10.400 ug/l
 RT: 12.14 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion:117 Resp: 20490
 Ion Ratio Lower Upper
 117 100
 201 84.1 68.2 102.2





#63

Ethyl Benzene

Concen: 11.347 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029309.D

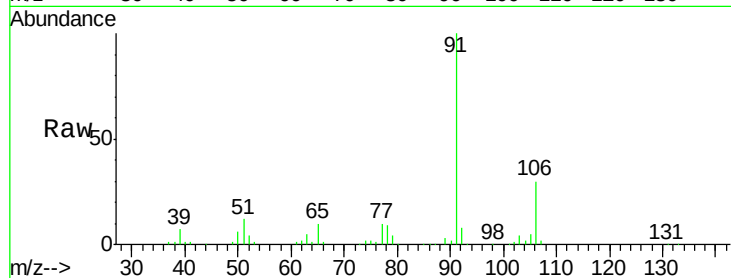
Acq: 29 Jan 2019 19:23

Tot Ion: 91 Resp: 127907

Ion Ratio Lower Upper

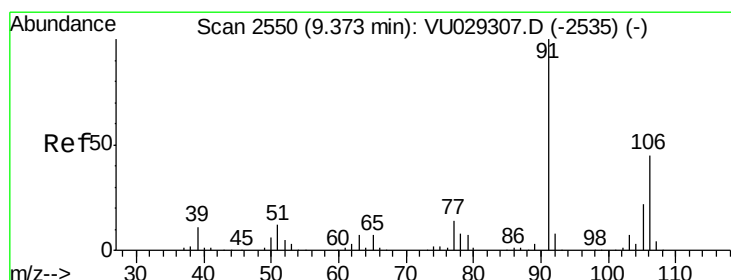
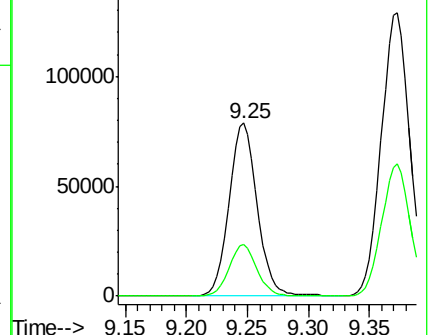
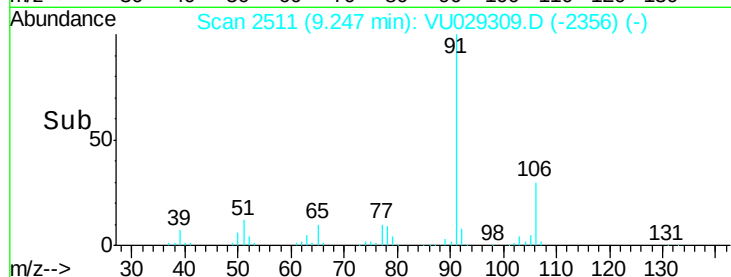
91 100

106 29.6 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU029309.D (-2356) (-)

Ion 106.00 (105.70 to 106.70): VU029309.D (-2356) (-)



#64

m/p-Xylenes

Concen: 23.375 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029309.D

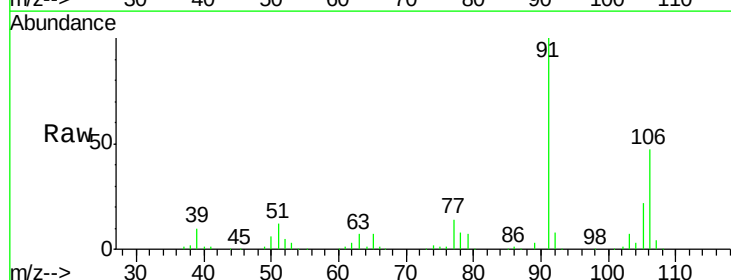
Acq: 29 Jan 2019 19:23

Tgt Ion: 106 Resp: 98992

Ion Ratio Lower Upper

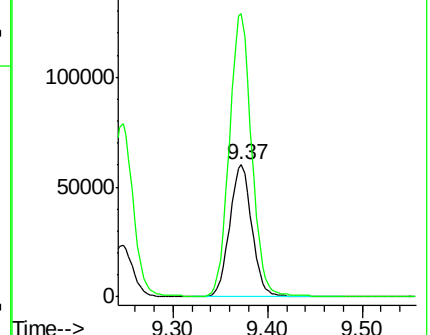
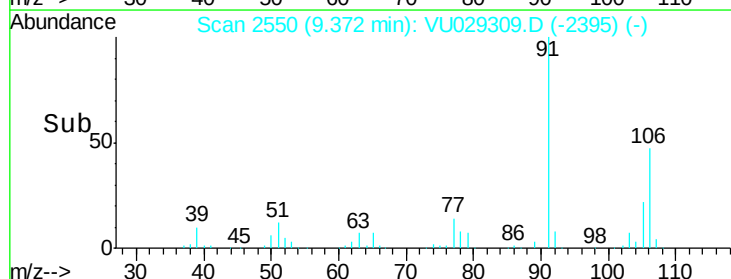
106 100

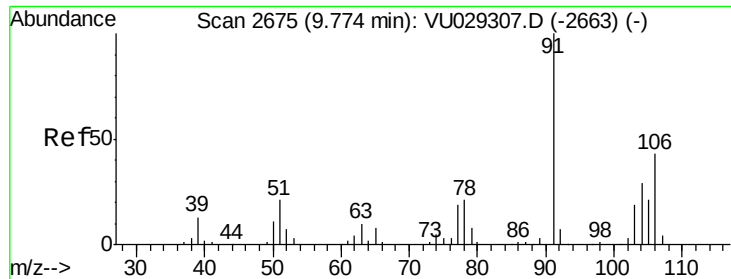
91 213.9 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): VU029309.D (-2395) (-)

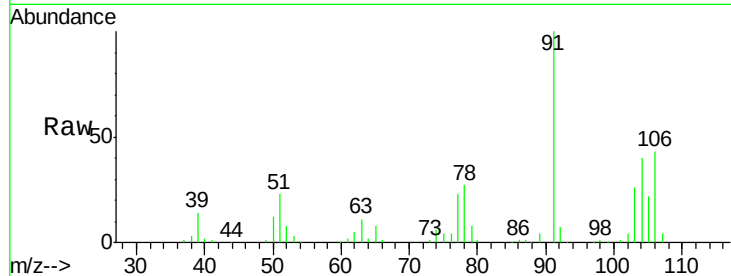
Ion 91.00 (90.70 to 91.70): VU029309.D (-2395) (-)



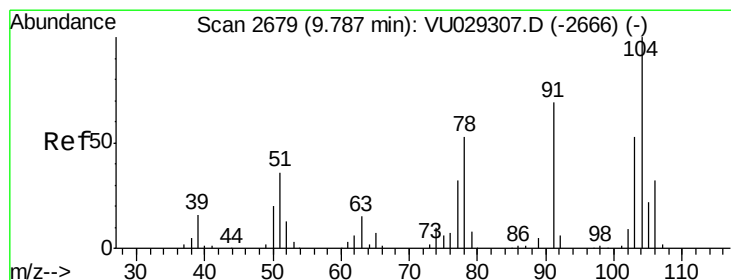
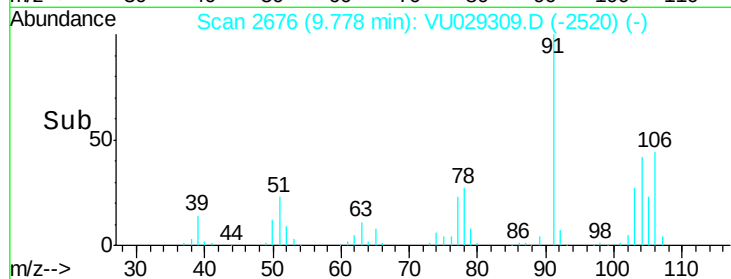
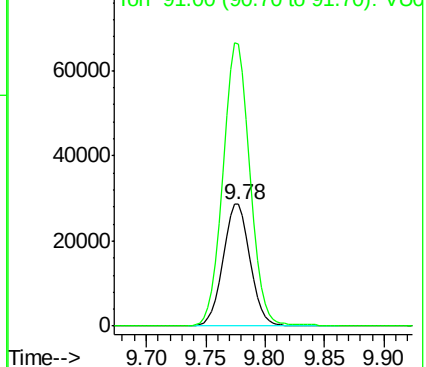


#65
o-Xylene
Concen: 11.174 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion:106 Resp: 45376
Ion Ratio Lower Upper
106 100
91 231.3 114.5 343.4

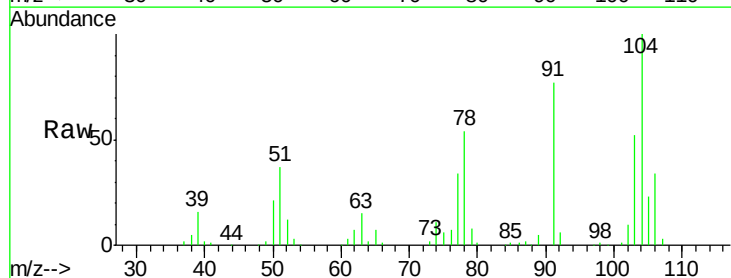


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

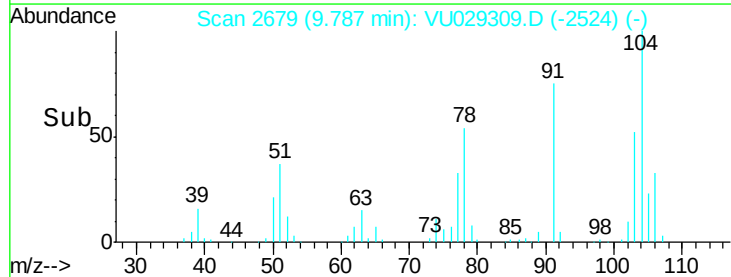
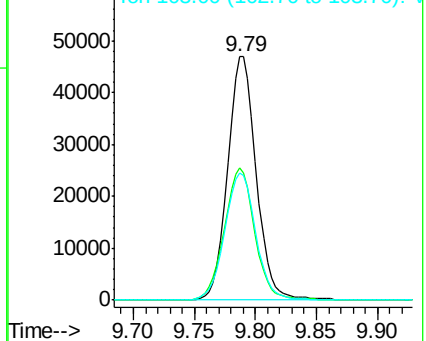


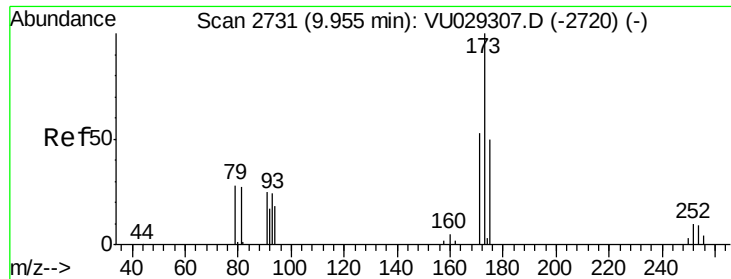
#66
Styrene
Concen: 11.023 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion:104 Resp: 77129
Ion Ratio Lower Upper
104 100
78 57.9 46.5 69.7
103 56.6 44.7 67.1



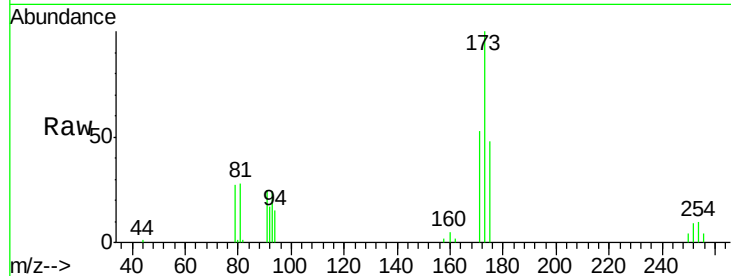
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



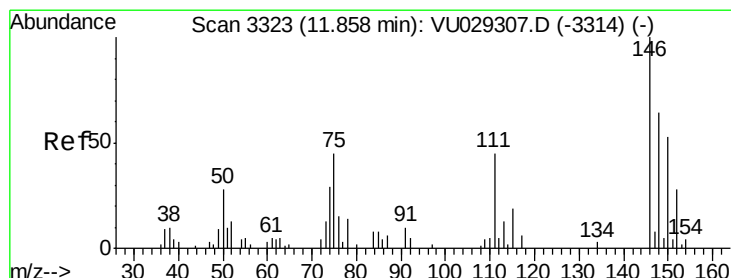
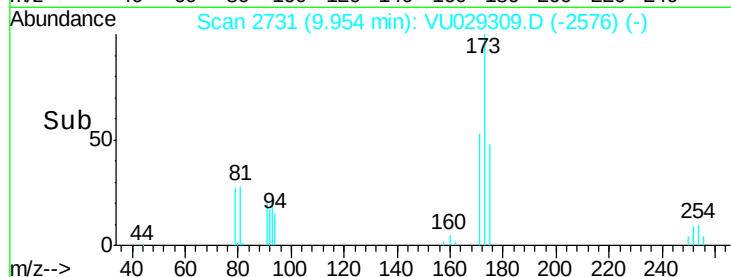
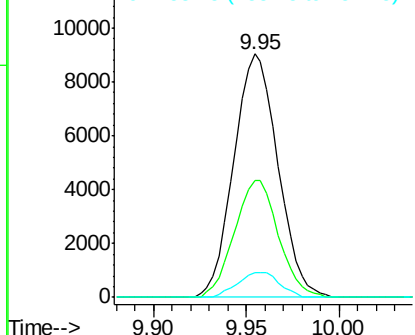


#67
Bromoform
Concen: 10.463 ug/l
RT: 9.95 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion:173 Resp: 14918
Ion Ratio Lower Upper
173 100
175 47.7 38.9 58.3
254 9.7 7.4 11.2

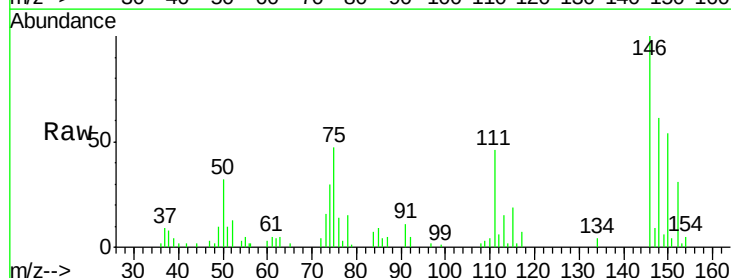


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

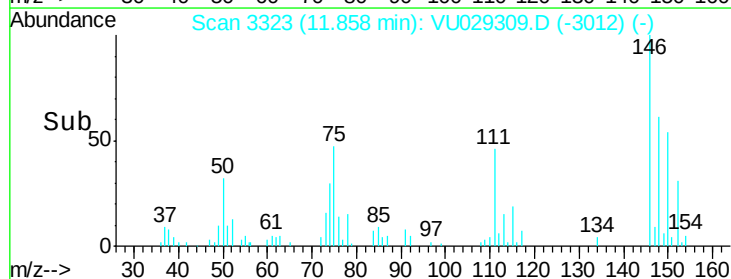
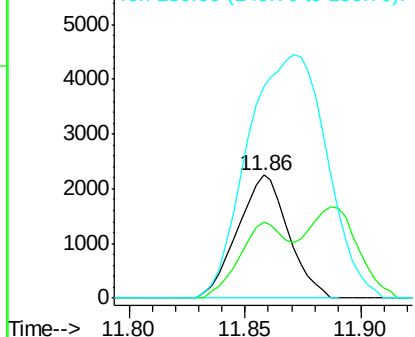


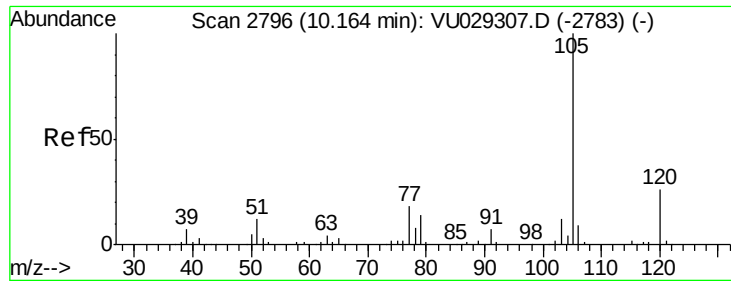
#68
1,2-Dichlorobenzene-d4
Concen: 10.463 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion:152 Resp: 3419
Ion Ratio Lower Upper
152 100
115 58.8 0.0 133.4
150 308.9 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: 11.713 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029309.D

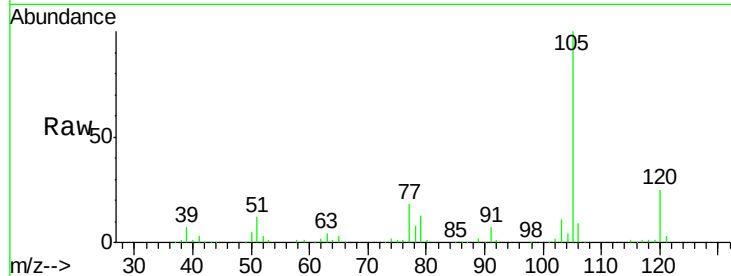
Acq: 29 Jan 2019 19:23

Tot Ion:105 Resp: 131636

Ion Ratio Lower Upper

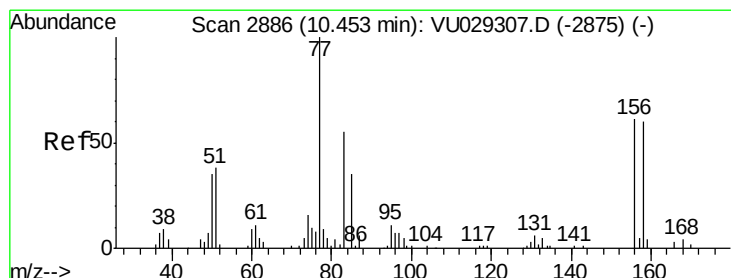
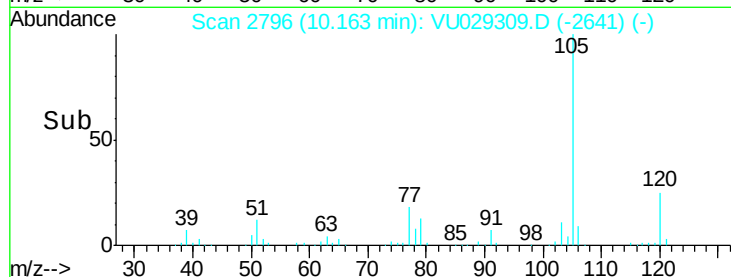
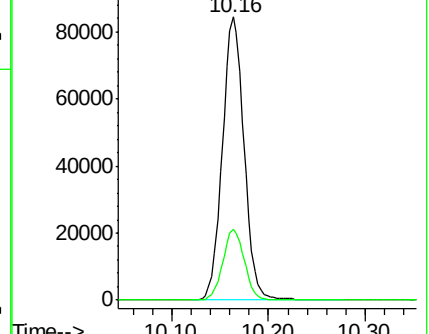
105 100

120 24.8 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.711 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

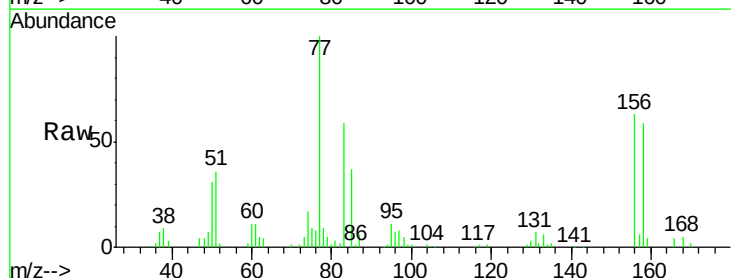
Tgt Ion: 83 Resp: 23739

Ion Ratio Lower Upper

83 100

131 11.0 8.1 12.1

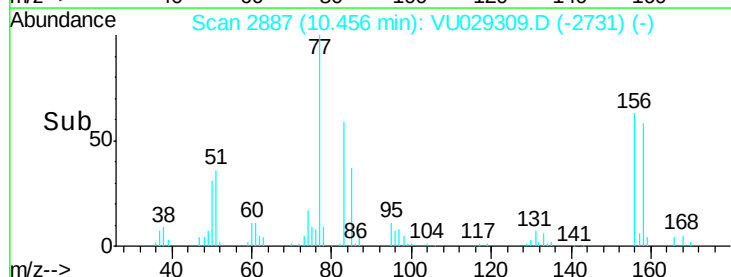
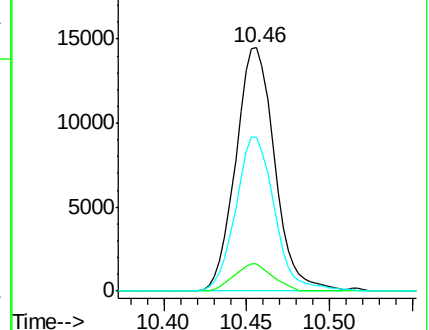
85 63.1 50.3 75.5

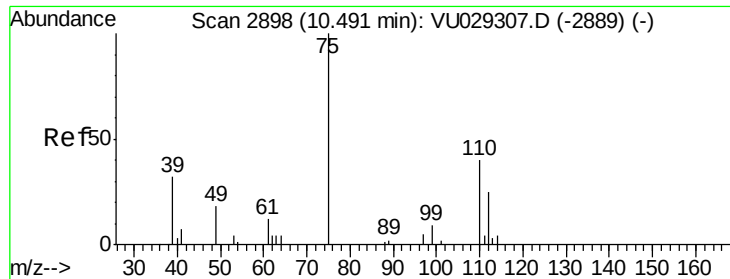


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

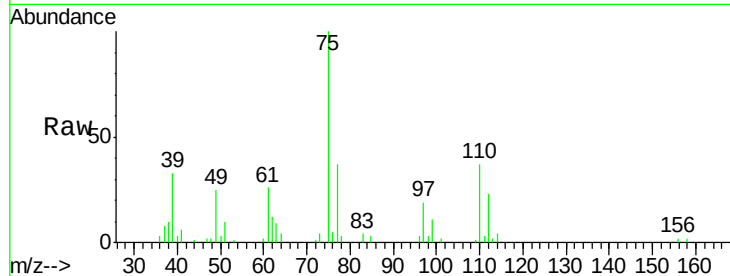
Ion 85.00 (84.70 to 85.70): VU0



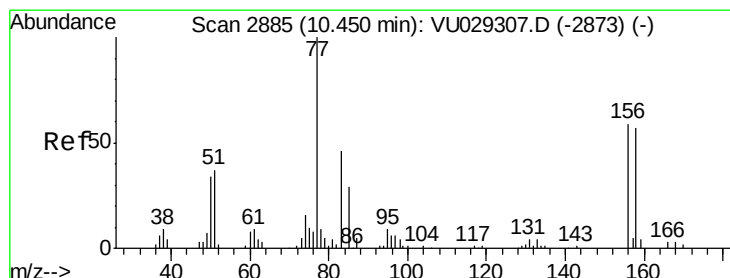
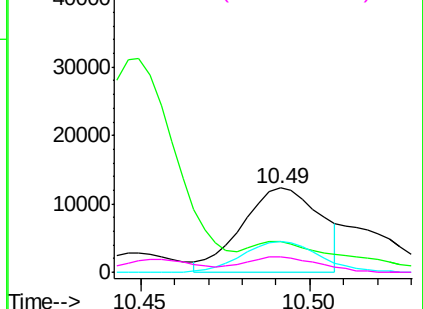
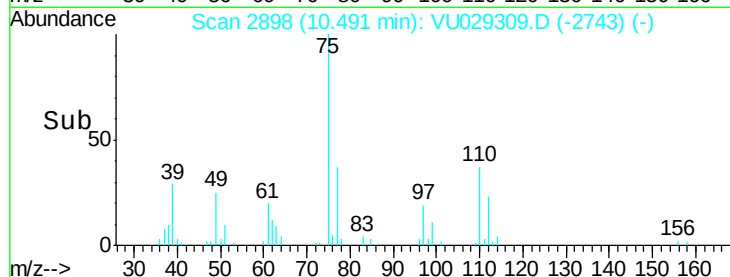


#71
1,2,3-Trichloropropane
Concen: 9.643 ug/l m
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion:	75	Resp:	20009
Ion	Ratio	Lower	Upper
75	100		
77	44.3	0.0	0.0#
110	35.8	0.0	63.6
97	17.5	0.0	31.4

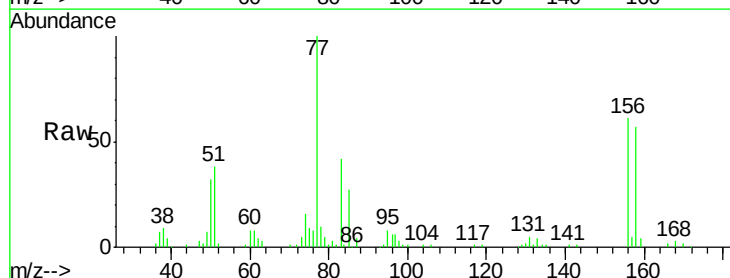


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0

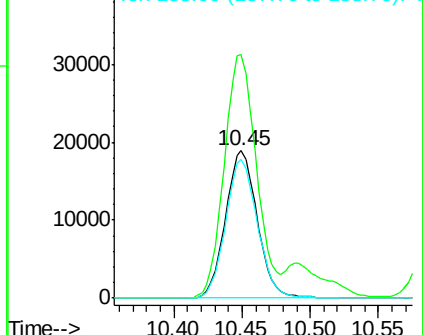
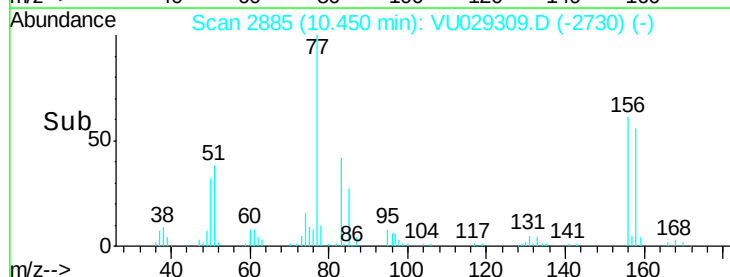


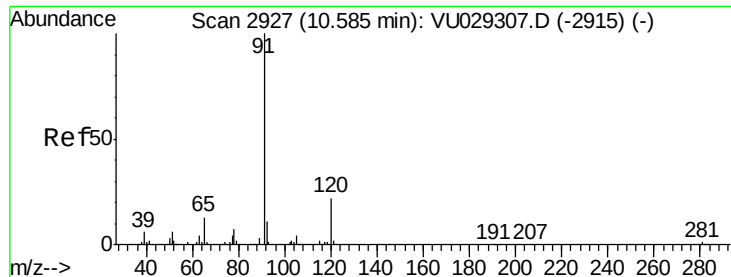
#72
Bromobenzene
Concen: 11.046 ug/l
RT: 10.45 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion:	156	Resp:	30627
Ion	Ratio	Lower	Upper
156	100		
77	167.9	0.0	343.8
158	94.1	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: 11.408 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029309.D

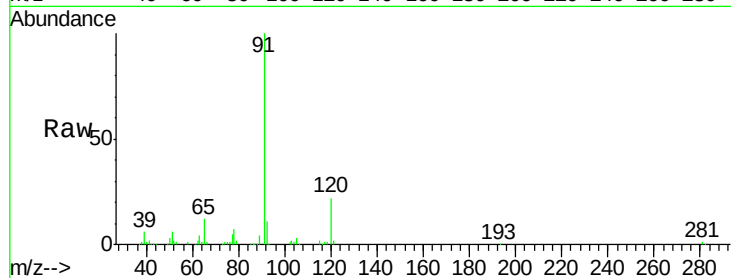
Acq: 29 Jan 2019 19:23

Tot Ion:120 Resp: 34493

Ion Ratio Lower Upper

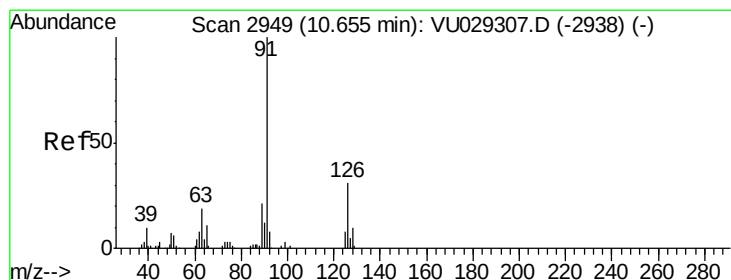
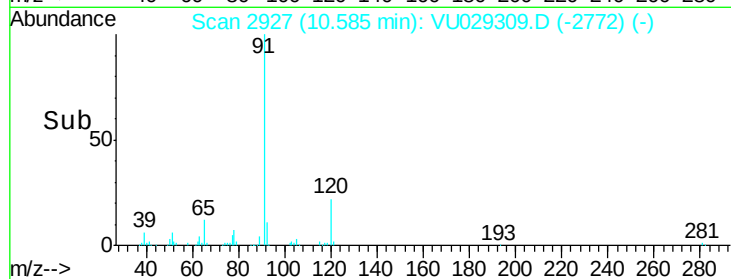
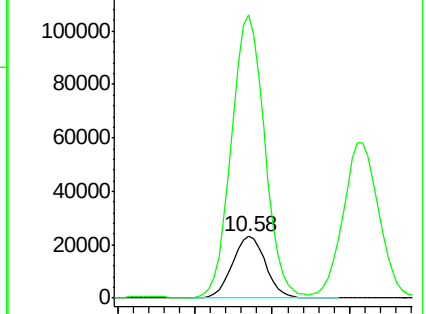
120 100

91 457.3 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.309 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029309.D

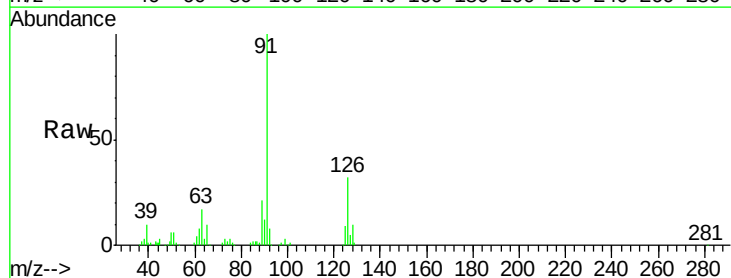
Acq: 29 Jan 2019 19:23

Tgt Ion:126 Resp: 29789

Ion Ratio Lower Upper

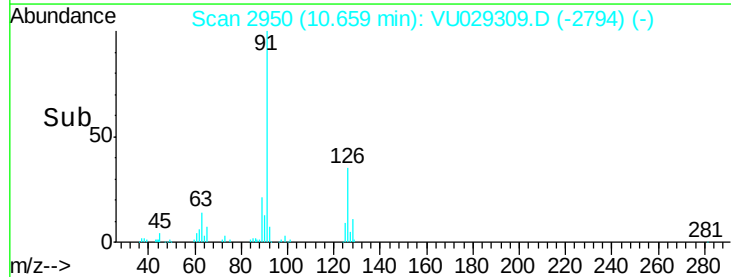
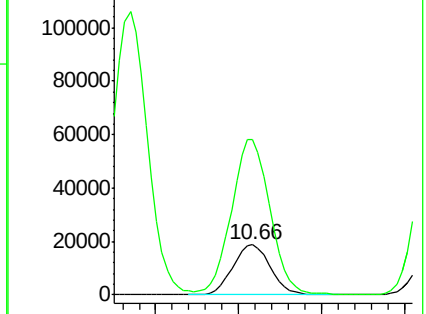
126 100

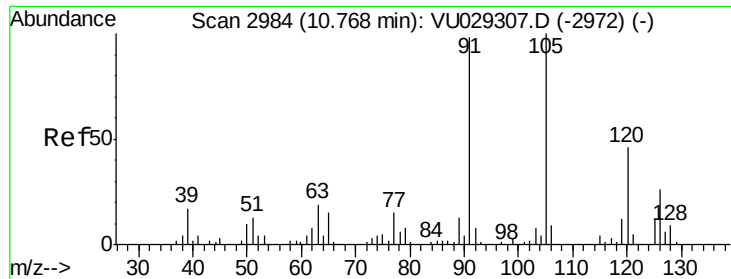
91 312.7 0.0 643.0



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: 11.555 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029309.D

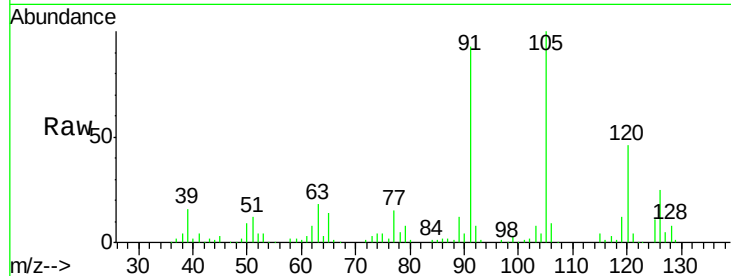
Acq: 29 Jan 2019 19:23

Tot Ion:105 Resp: 115061

Ion Ratio Lower Upper

105 100

120 46.5 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

80000

60000

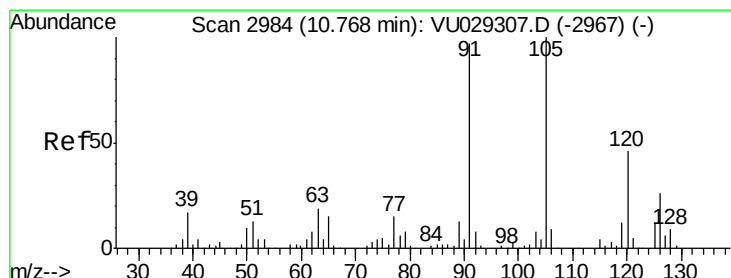
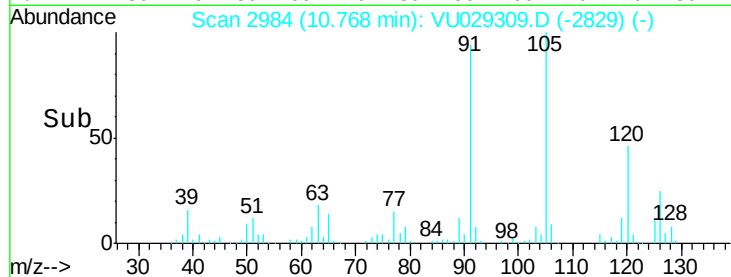
40000

20000

0

Time-->

10.70 10.75 10.80 10.85



#76

4-Chlorotoluene

Concen: 11.137 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029309.D

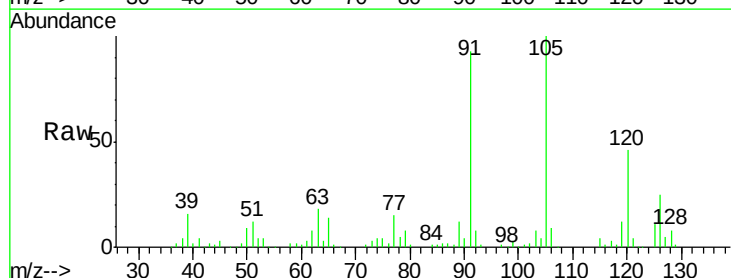
Acq: 29 Jan 2019 19:23

Tgt Ion:126 Resp: 31125

Ion Ratio Lower Upper

126 100

91 363.8 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

80000

60000

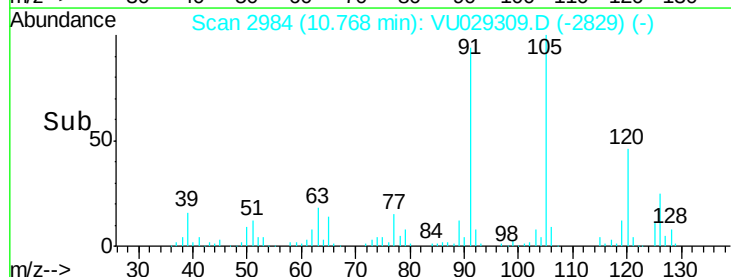
40000

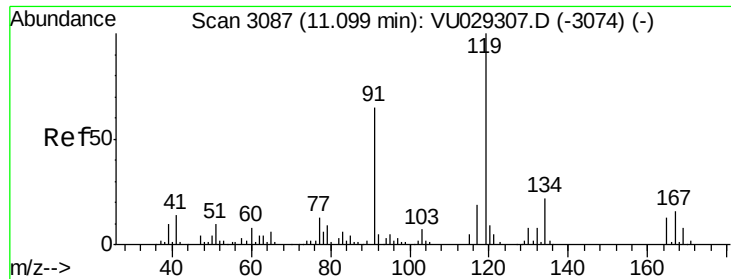
20000

0

Time-->

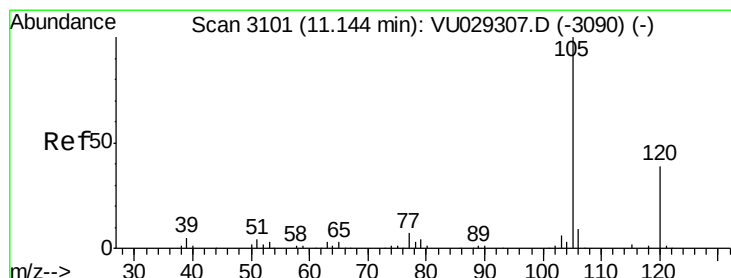
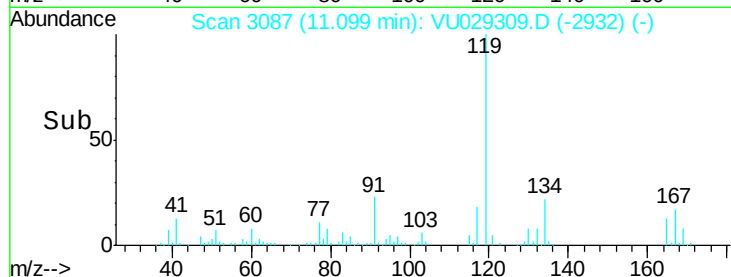
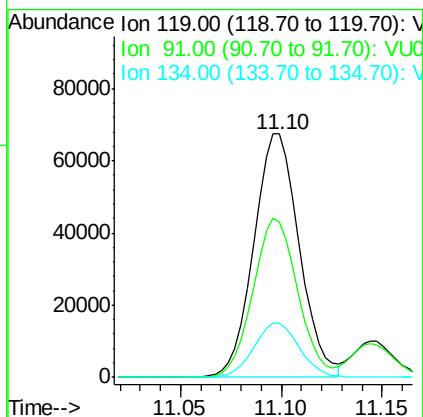
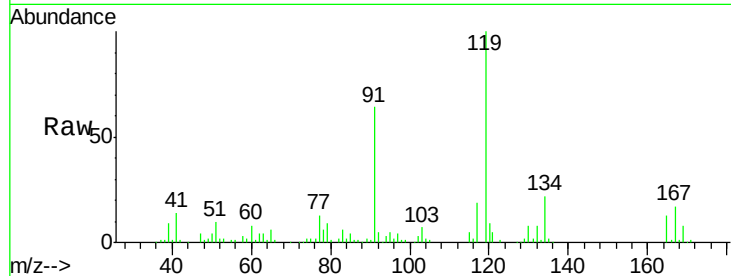
10.70 10.75 10.80 10.85





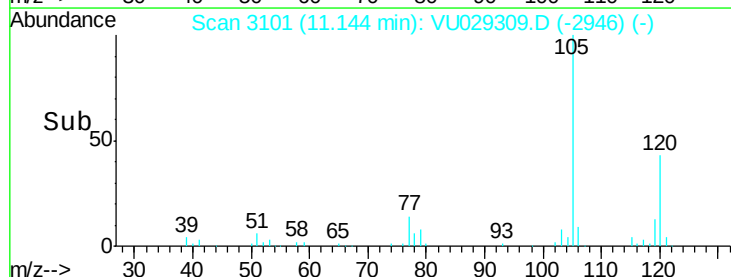
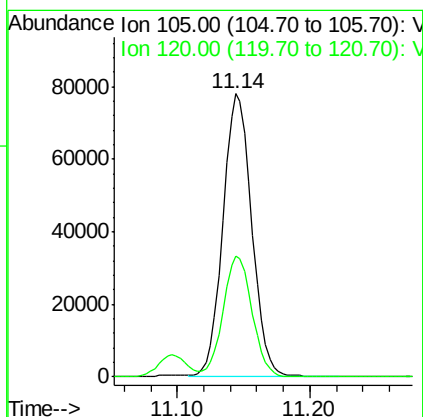
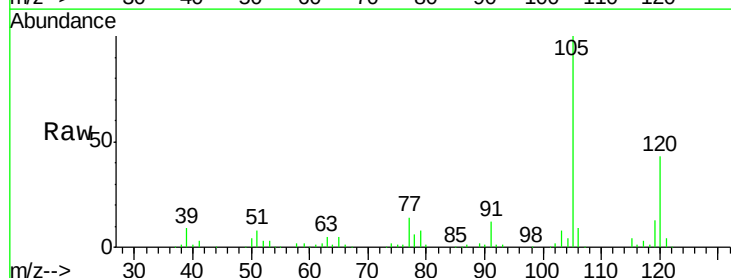
#77
 tert-Butylbenzene
 Concen: 11.102 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

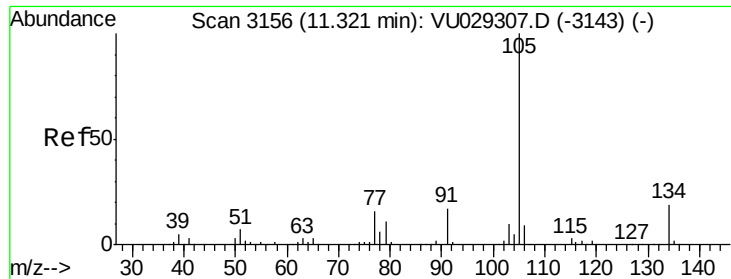
Tot Ion:119 Resp: 106213
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.2 96.6
 134 22.2 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.630 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion:105 Resp: 118026
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.4 64.3





#79

sec-Butylbenzene

Concen: 10.850 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU029309.D

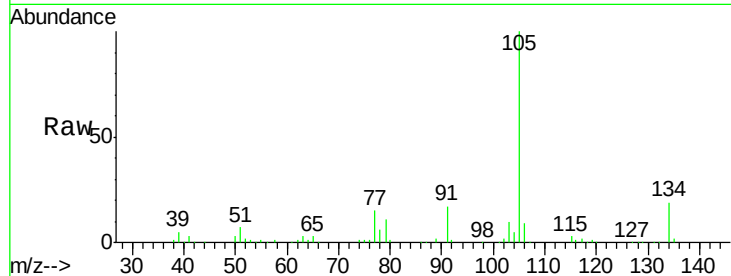
Acq: 29 Jan 2019 19:23

Tot Ion: 105 Resp: 135868

Ion Ratio Lower Upper

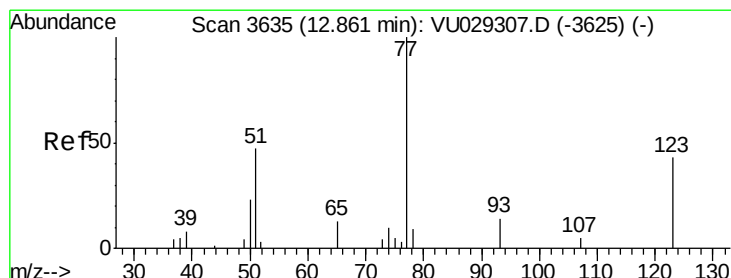
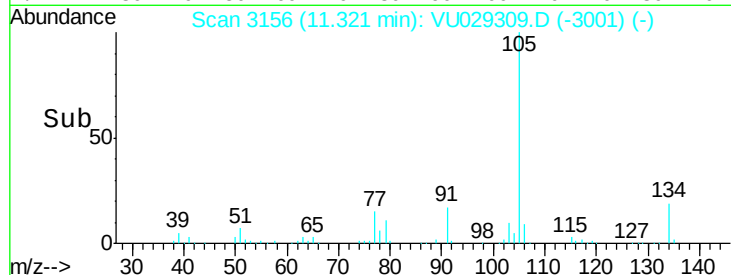
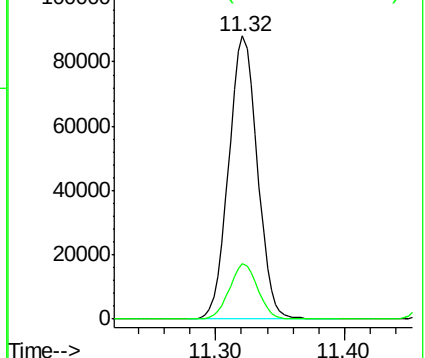
105 100

134 19.3 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: 13.859 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

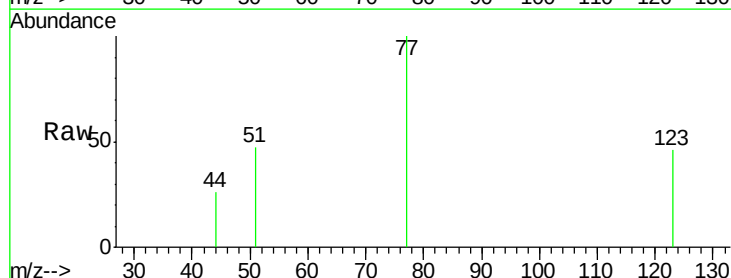
Tgt Ion: 77 Resp: 1290

Ion Ratio Lower Upper

77 100

123 35.0 17.5 61.9

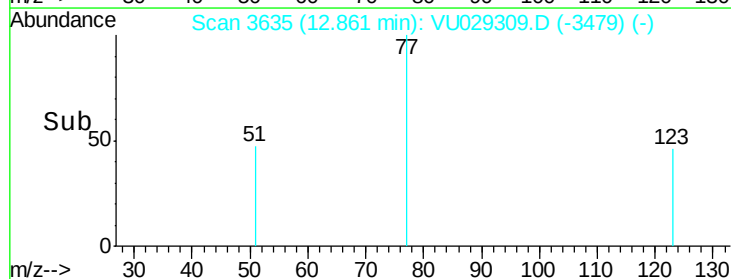
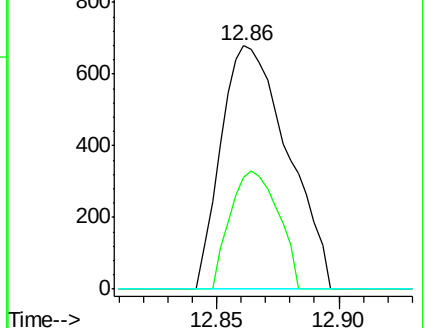
65 0.0 10.8 13.8#

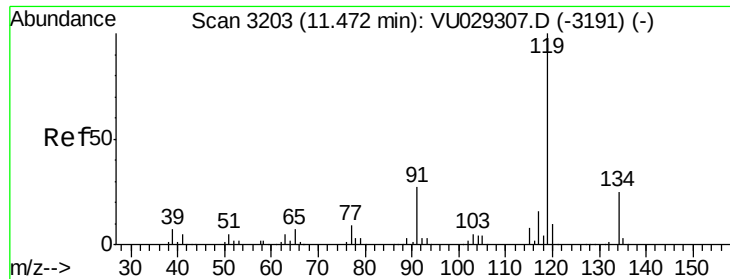


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 11.513 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

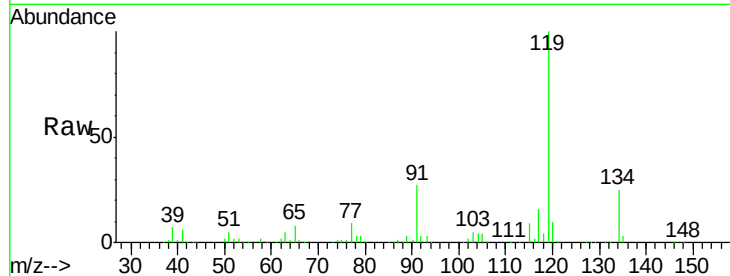
Tot Ion:119 Resp: 121917

Ion Ratio Lower Upper

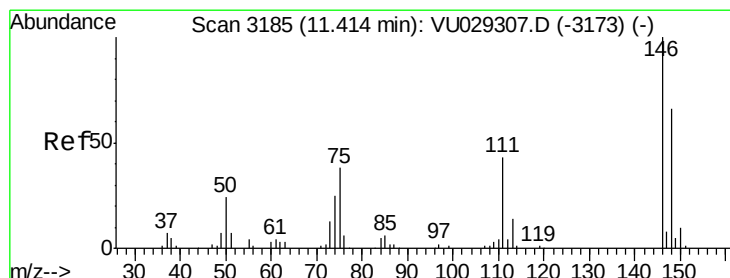
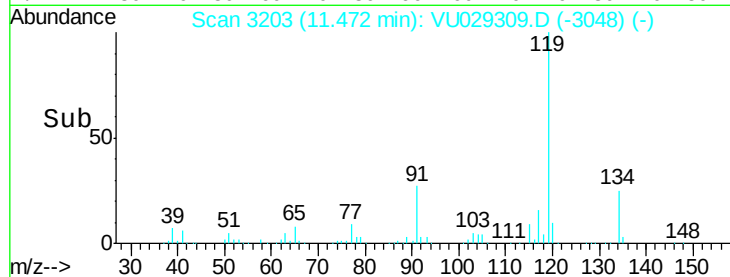
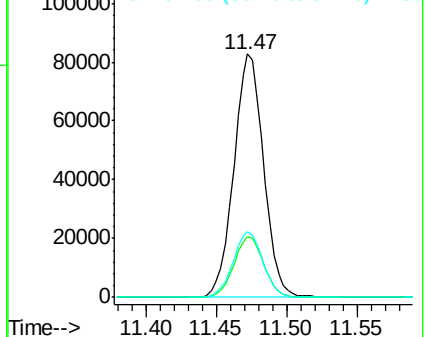
119 100

134 25.0 19.8 29.6

91 27.1 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: 10.313 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

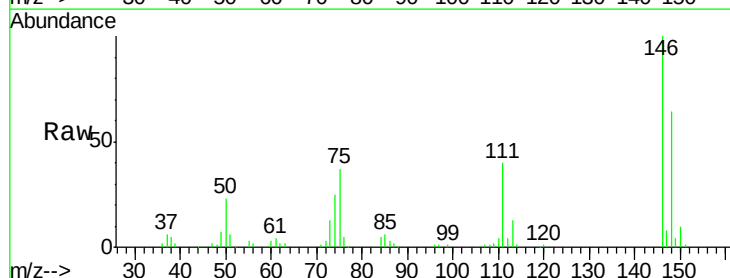
Tgt Ion:146 Resp: 59300

Ion Ratio Lower Upper

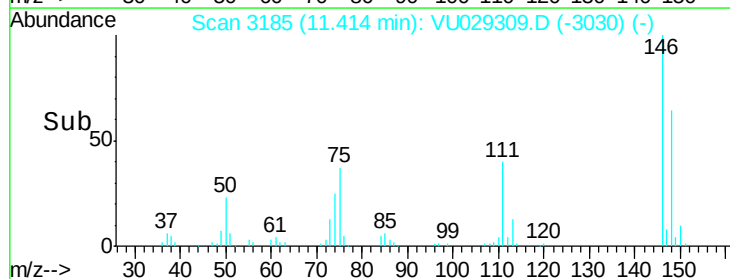
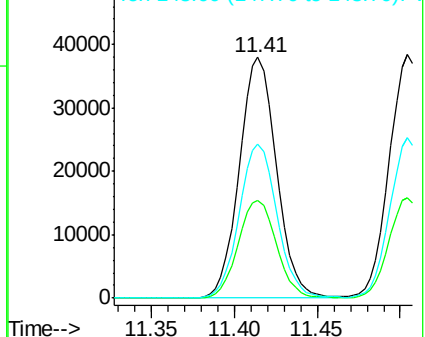
146 100

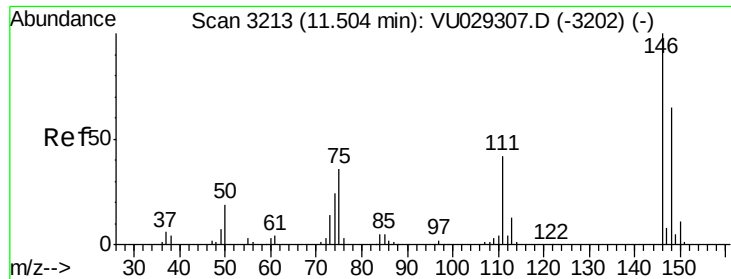
111 41.9 34.1 51.1

148 65.2 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: 10.531 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

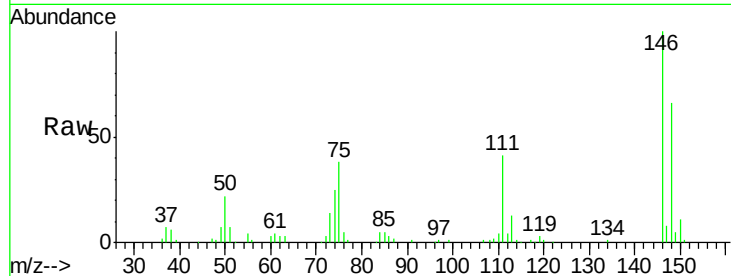
Tot Ion:146 Resp: 61002

Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.9	49.3
148	63.1	51.8	77.6

146 100

111 40.8 32.9 49.3

148 63.1 51.8 77.6



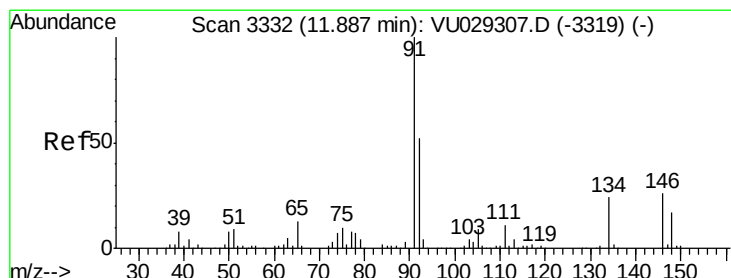
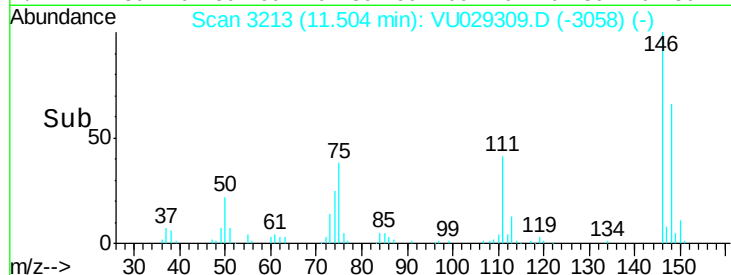
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

Time-->

11.50



#84

n-Butylbenzene

Concen: 11.701 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU029309.D

Acq: 29 Jan 2019 19:23

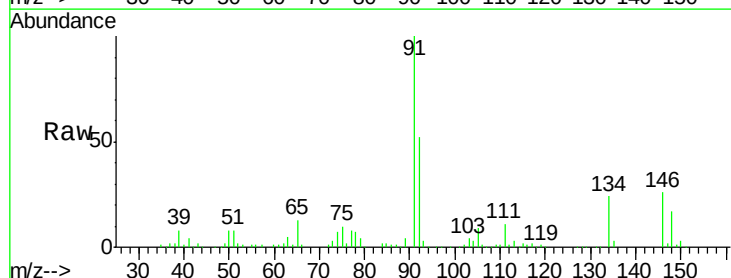
Tgt Ion: 91 Resp: 120416

Ion	Ratio	Lower	Upper
91	100		
92	51.4	41.0	61.6
134	23.9	19.1	28.7

91 100

92 51.4 41.0 61.6

134 23.9 19.1 28.7



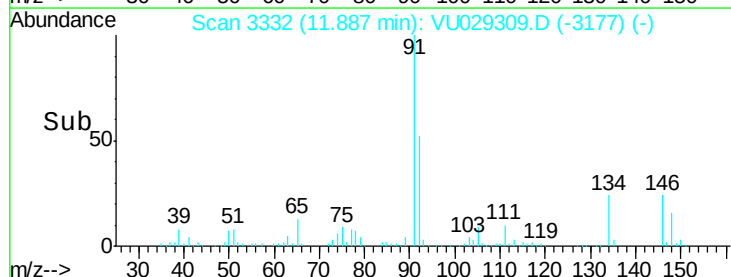
Abundance Ion 91.00 (90.70 to 91.70): VU0

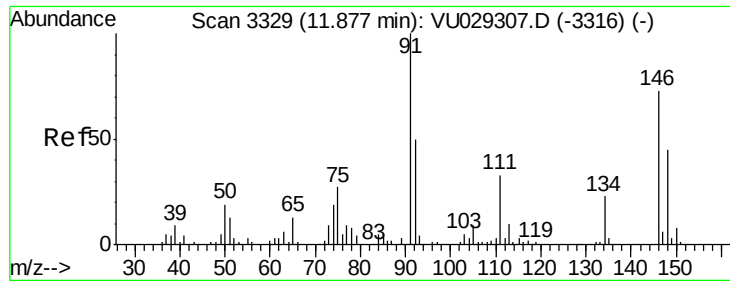
Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

Time-->

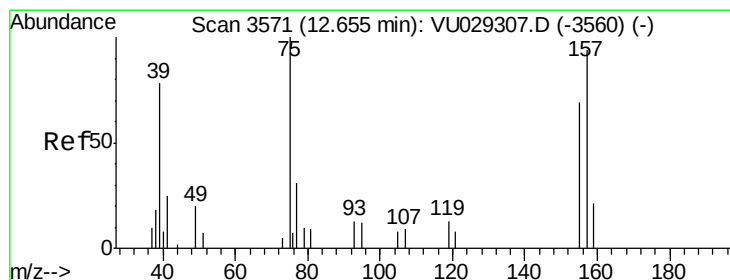
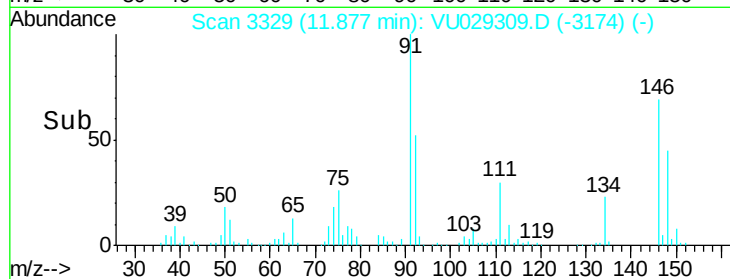
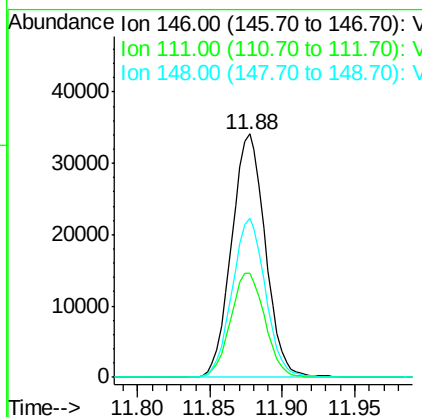
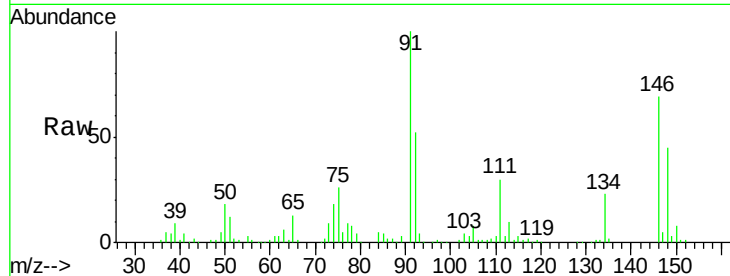
11.89





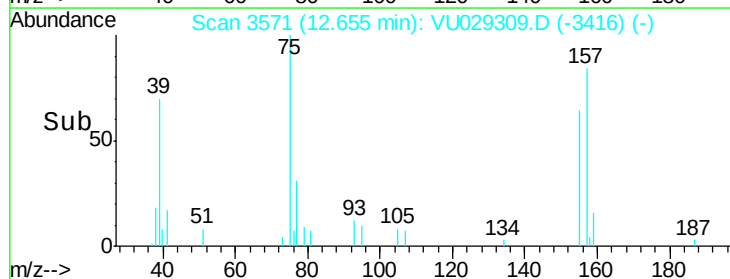
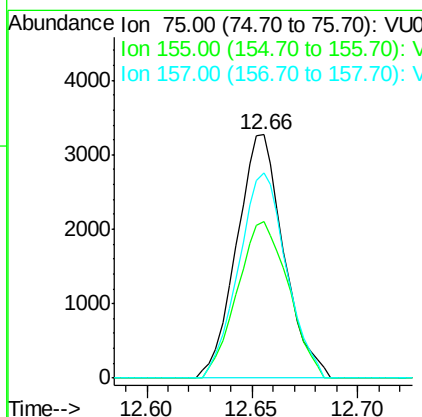
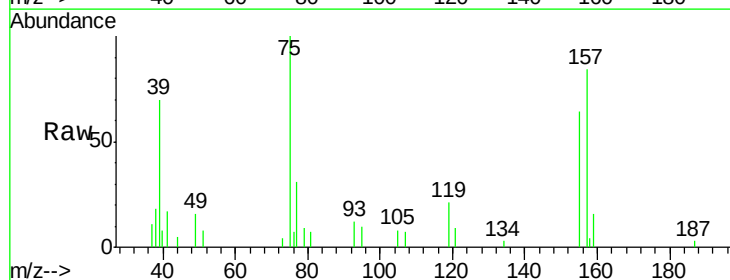
#85
 1,2-Dichlorobenzene
 Concen: 10.585 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

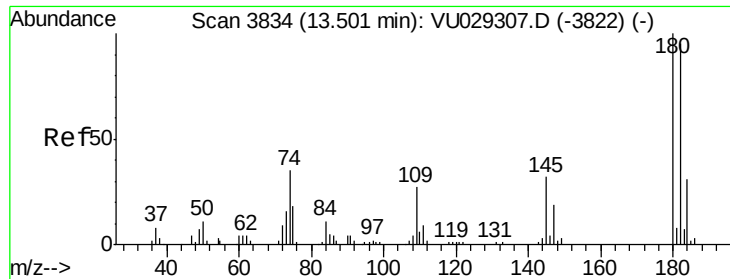
Tot Ion:146 Resp: 55085
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.8
 148 64.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.290 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

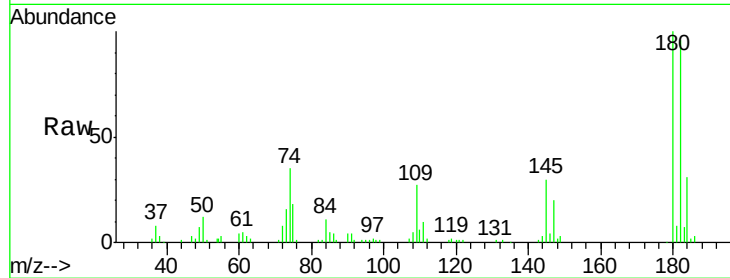
Tgt Ion: 75 Resp: 5066
 Ion Ratio Lower Upper
 75 100
 155 69.5 53.8 80.8
 157 85.3 69.2 103.8



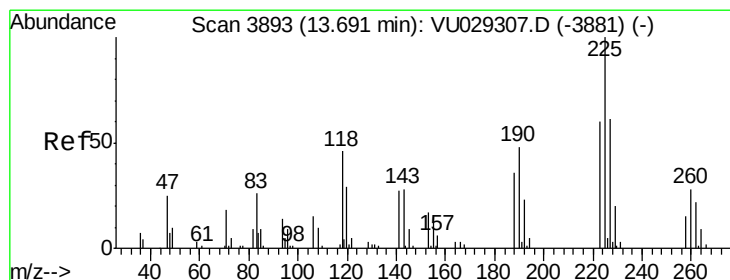
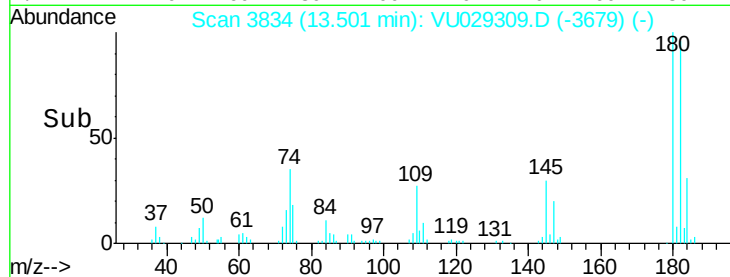
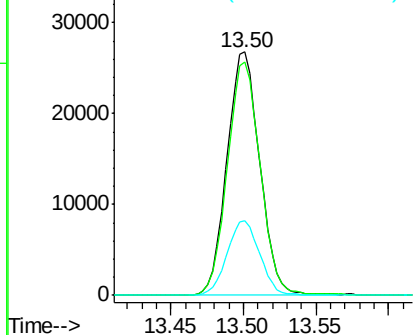


#87
 1,2,4-Trichlorobenzene
 Concen: 11.972 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tot Ion:180 Resp: 42137
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 114.8
 145 30.3 24.6 36.8

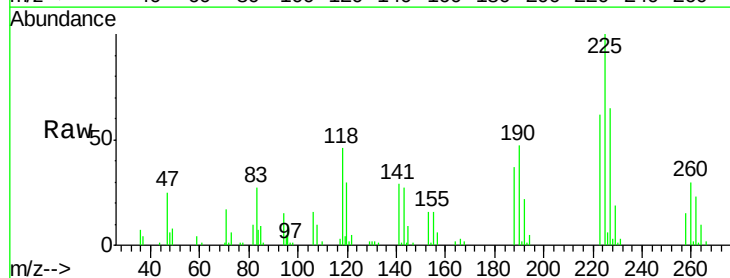


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

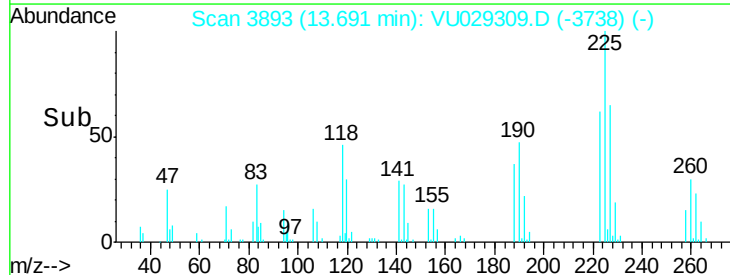
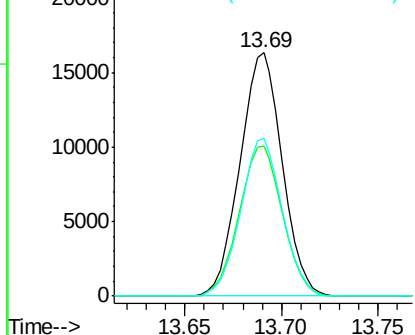


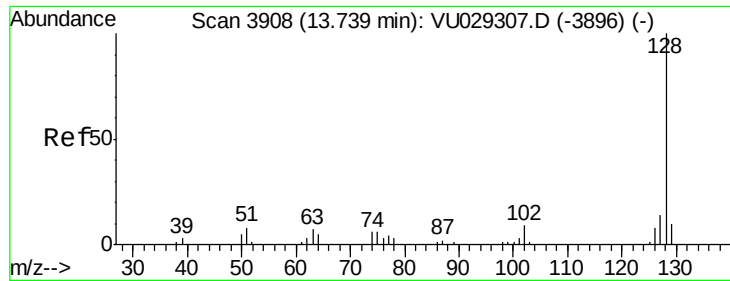
#88
 Hexachlorobutadiene
 Concen: 11.045 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029309.D
 Acq: 29 Jan 2019 19:23

Tgt Ion:225 Resp: 24799
 Ion Ratio Lower Upper
 225 100
 223 62.9 49.5 74.3
 227 63.7 50.4 75.6



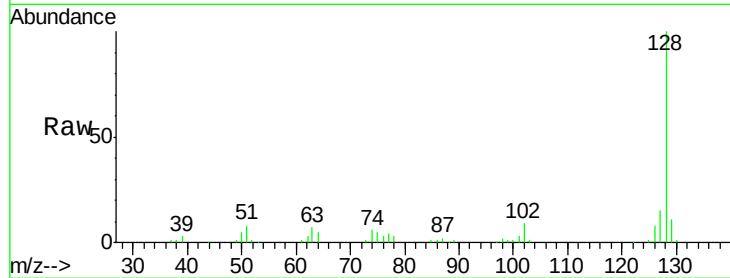
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



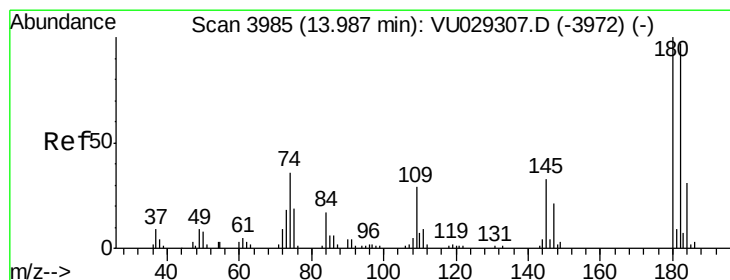
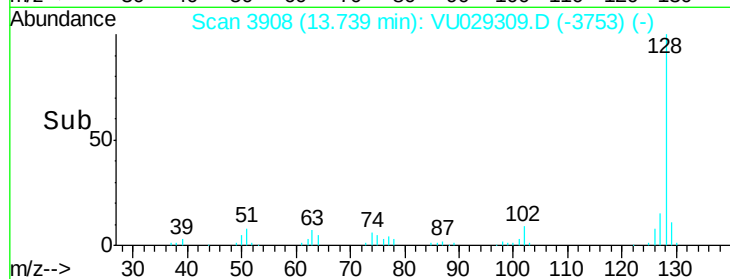
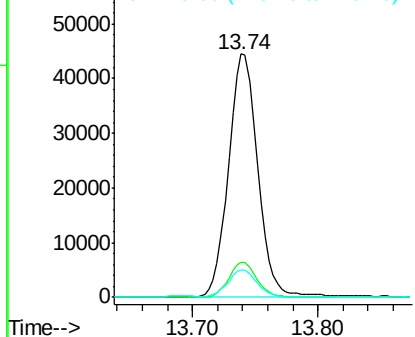


#89
Naphthalene
Concen: 12.784 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tot Ion:128 Resp: 72251
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.2 8.2 12.4

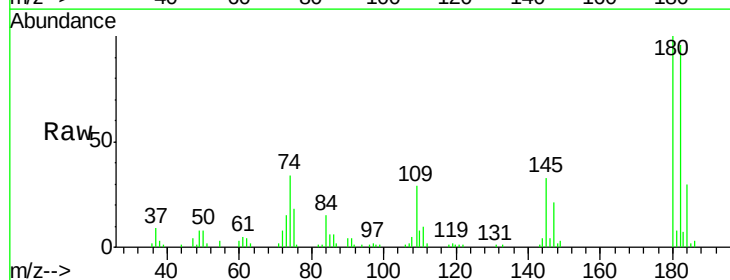


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.754 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029309.D
Acq: 29 Jan 2019 19:23

Tgt Ion:180 Resp: 38477
Ion Ratio Lower Upper
180 100
182 94.4 78.0 117.0
145 32.2 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

