

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009250.D
 Acq On : 23 Jan 2019 17:02
 Operator : SY/MD
 Sample : VV0123SBS01
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 04:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	77494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	131279	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	119014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	61229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	42293	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	4.64	113	37361	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	
50) Toluene-d8	7.36	98	141966	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
62) 4-Bromofluorobenzene	10.12	95	54438	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12446m	19.856	ug/l
3) Chloromethane	1.25	50	14148	16.768	ug/l
4) Vinyl Chloride	1.32	62	17837	18.606	ug/l
5) Bromomethane	1.53	94	9684	17.812	ug/l
6) Chloroethane	1.60	64	9791	18.273	ug/l
7) Trichlorofluoromethane	1.76	101	9873	14.675	ug/l
8) Diethyl Ether	1.96	74	8892	21.014	ug/l
9) 1,1,2-Trichlorotrifluoroet	2.14	101	16400	19.618	ug/l
10) Methyl Iodide	2.25	142	25393	19.031	ug/l
11) Tert butyl alcohol	2.65	59	7503	120.637	ug/l
12) 1,1-Dichloroethene	2.14	96	15527	18.917	ug/l
13) Acrolein	2.06	56	4578	82.727	ug/l
14) Allyl chloride	2.42	41	25083	17.731	ug/l
15) Acrylonitrile	2.76	53	21344	116.449	ug/l
16) Acetone	2.17	43	29990	116.962	ug/l
17) Carbon Disulfide	2.31	76	43919	17.492	ug/l
18) Methyl Acetate	2.44	43	15021	21.933	ug/l
19) Methyl tert-butyl Ether	2.79	73	25612	20.102	ug/l
20) Methylene Chloride	2.53	84	18154	18.848	ug/l
21) trans-1,2-Dichloroethene	2.78	96	16163	18.278	ug/l
22) Diisopropyl ether	3.33	45	57704	19.157	ug/l
23) Vinyl Acetate	3.30	43	175688	107.493	ug/l
24) 1,1-Dichloroethane	3.22	63	35821	19.114	ug/l
25) 2-Butanone	4.01	43	36647	124.986	ug/l
26) 2,2-Dichloropropane	3.94	77	19005	18.019	ug/l
27) cis-1,2-Dichloroethene	3.95	96	20531	19.210	ug/l
28) Bromochloromethane	4.29	49	13536	19.573	ug/l
29) Tetrahydrofuran	4.38	42	21560	135.195	ug/l
30) Chloroform	4.42	83	35661	18.946	ug/l
31) Cyclohexane	4.72	56	32887	19.223	ug/l #
32) 1,1,1-Trichloroethane	4.65	97	29562	18.634	ug/l
36) 1,1-Dichloropropene	4.87	75	27377	18.783	ug/l
37) Ethyl Acetate	4.12	43	14197	25.345	ug/l
38) Carbon Tetrachloride	4.87	117	27139	18.599	ug/l

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 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 04:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	33663	19.503	ug/l	99
40) Benzene	5.14	78	77558	19.025	ug/l	98
41) Methacrylonitrile	4.30	41	8348	24.728	ug/l	94
42) 1,2-Dichloroethane	5.17	62	24948	19.554	ug/l	98
43) Isopropyl Acetate	5.33	43	25662	23.290	ug/l	99
44) Trichloroethene	5.95	130	20139	18.773	ug/l	95
45) 1,2-Dichloropropane	6.22	63	17971	18.327	ug/l	96
46) Dibromomethane	6.35	93	11095	22.051	ug/l	99
47) Bromodichloromethane	6.55	83	25269	19.005	ug/l	97
48) Methyl methacrylate	6.42	41	12932	23.001	ug/l	94
49) 1,4-Dioxane	6.41	88	3073	479.455	ug/l	95
51) 4-Methyl-2-Pentanone	7.27	43	65407	116.970	ug/l	98
52) Toluene	7.43	92	49058	19.024	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	25282	19.537	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	28957	19.433	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	15736	22.197	ug/l	97
56) Ethyl methacrylate	7.83	69	17948	21.730	ug/l	97
57) 1,3-Dichloropropane	8.05	76	27434	21.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	559	43.309	ug/l #	68
59) 2-Hexanone	8.18	43	49668	122.806	ug/l	100
60) Dibromochloromethane	8.29	129	17080	20.577	ug/l	98
61) 1,2-Dibromoethane	8.40	107	14965	21.586	ug/l	98
64) Tetrachloroethene	8.02	164	16246	19.182	ug/l	94
65) Chlorobenzene	8.92	112	53540	19.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	18510	19.561	ug/l	98
67) Ethyl Benzene	9.05	91	91495	18.549	ug/l	100
68) m/p-Xylenes	9.18	106	71070	37.952	ug/l	95
69) o-Xylene	9.59	106	32938	18.972	ug/l	99
70) Styrene	9.60	104	53020	19.135	ug/l	99
71) Bromoform	9.77	173	10020	22.455	ug/l #	97
73) Isopropylbenzene	9.97	105	92645	18.323	ug/l	98
74) N-amyl acetate	9.84	43	21851	23.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	19527	22.909	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	16117	24.043	ug/l	97
77) Bromobenzene	10.26	156	21449	19.833	ug/l	95
78) n-propylbenzene	10.40	91	110554	18.444	ug/l	100
79) 2-Chlorotoluene	10.47	91	67016	18.530	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	78557	18.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	5055	21.340	ug/l	92
82) 4-Chlorotoluene	10.58	91	78949	18.534	ug/l	100
83) tert-Butylbenzene	10.91	119	75299	18.649	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	79520	18.590	ug/l	99
85) sec-Butylbenzene	11.13	105	98712	18.666	ug/l	100
86) p-Isopropyltoluene	11.29	119	86197	18.615	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	42913	19.111	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	43825	19.306	ug/l	98
89) n-Butylbenzene	11.70	91	84018	18.693	ug/l	99
90) Hexachloroethane	11.95	117	14887	18.079	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	38945	19.647	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3292	23.004	ug/l	99

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Misc : 5.00G/5ML/MSVOA V/SOIL
ALS Vial : 8 Sample Multiplier: 1

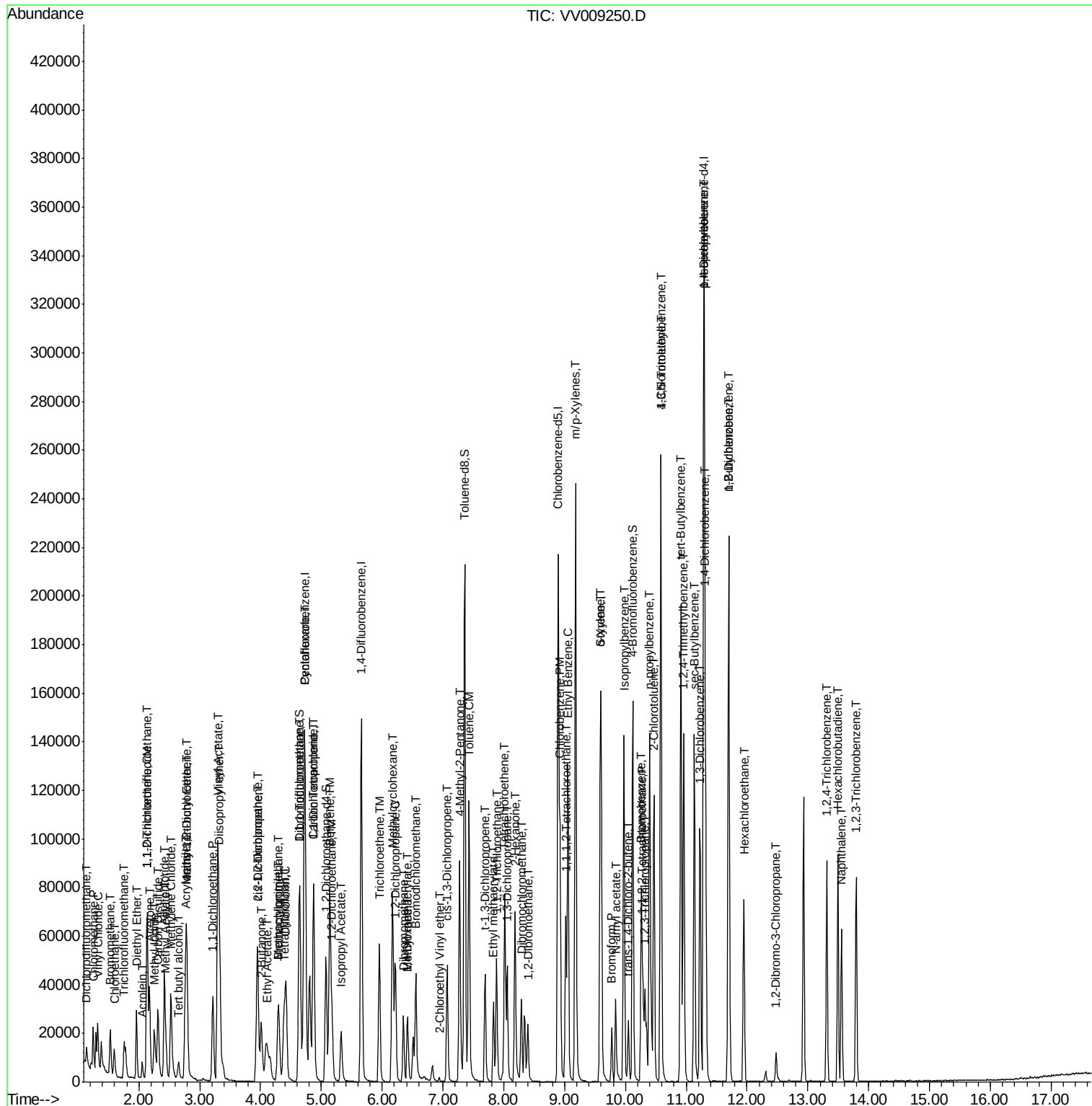
Quant Time: Jan 24 04:14:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 01:54:58 2019
Response via : Initial Calibration

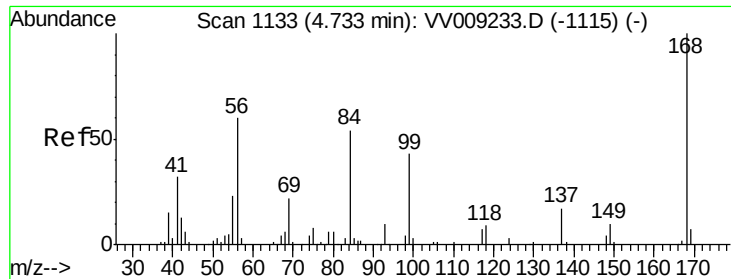
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	25652	20.103	ug/l	98
94) Hexachlorobutadiene	13.50	225	15490	19.587	ug/l	98
95) Naphthalene	13.55	128	49551	22.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.79	180	23040	21.323	ug/l	97

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

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Operator : SY/MD
Sample : VV0123BSD01
Misc : 5.00G/5ML/MSVOA V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 04:14:57 2019
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009250.D

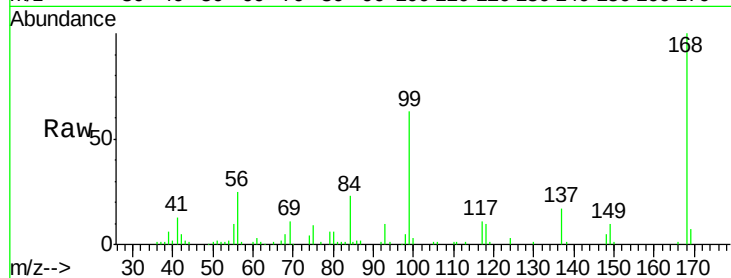
Acq: 23 Jan 2019 17:02

Tot Ion:168 Resp: 77494

Ion Ratio Lower Upper

168 100

99 62.4 50.9 76.3

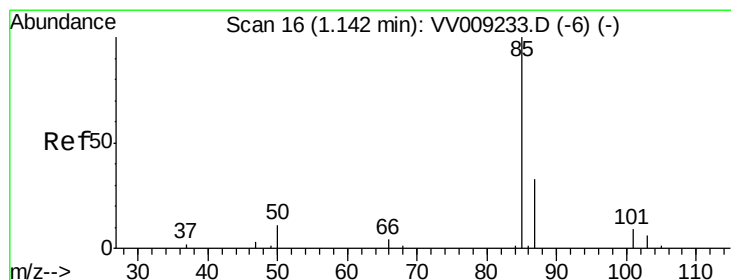
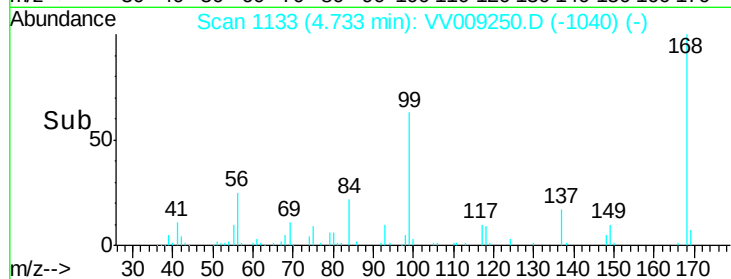


Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

Time-->



#2

Dichlorodifluoromethane

Concen: 19.856 ug/l m

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009250.D

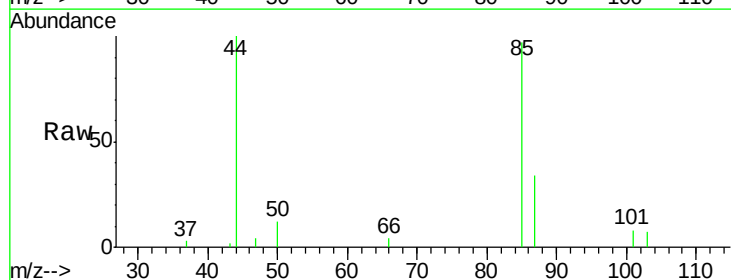
Acq: 23 Jan 2019 17:02

Tgt Ion: 85 Resp: 12446

Ion Ratio Lower Upper

85 100

87 34.7 16.6 49.7

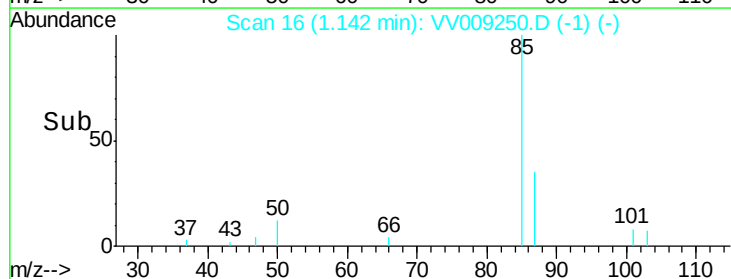


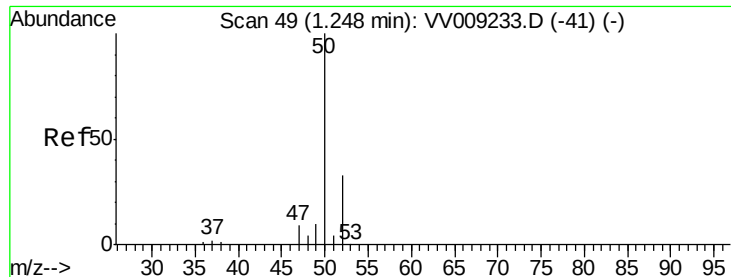
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

Time-->





#3

Chloromethane

Concen: 16.768 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009250.D

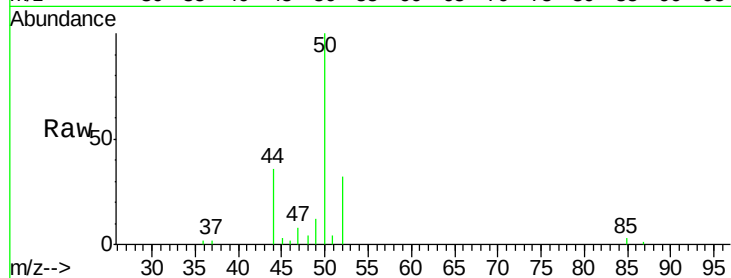
Acq: 23 Jan 2019 17:02

Tot Ion: 50 Resp: 14148

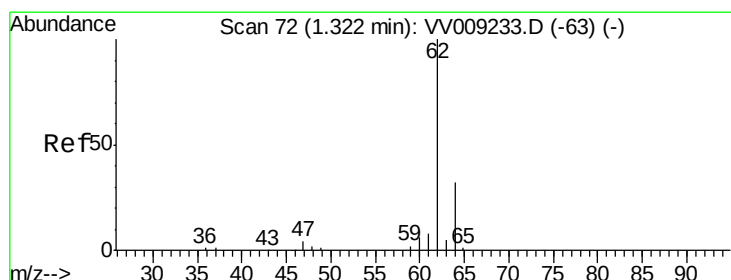
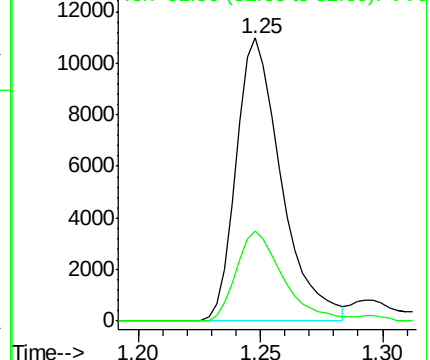
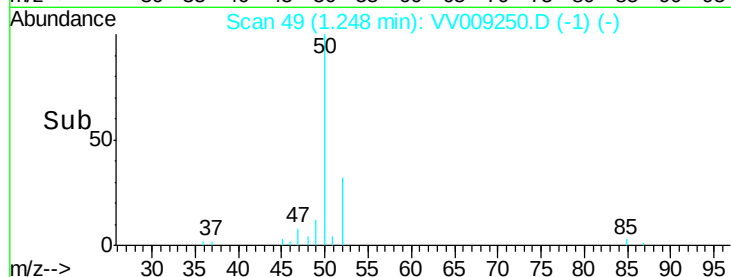
Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009250.D (-1) (-)



#4

Vinyl Chloride

Concen: 18.606 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009250.D

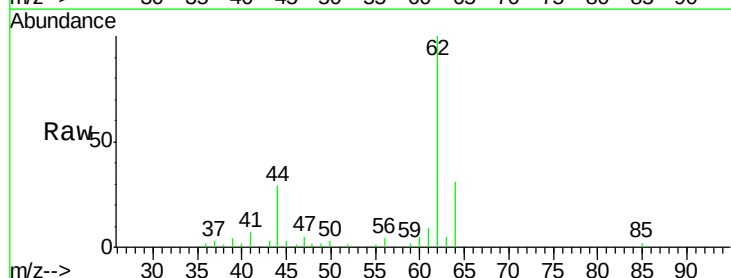
Acq: 23 Jan 2019 17:02

Tgt Ion: 62 Resp: 17837

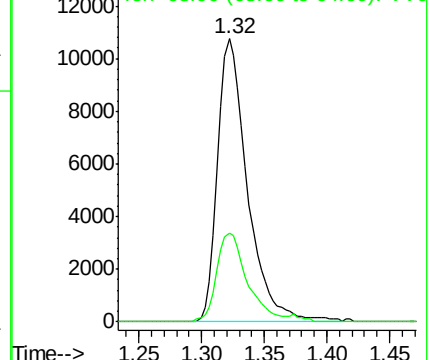
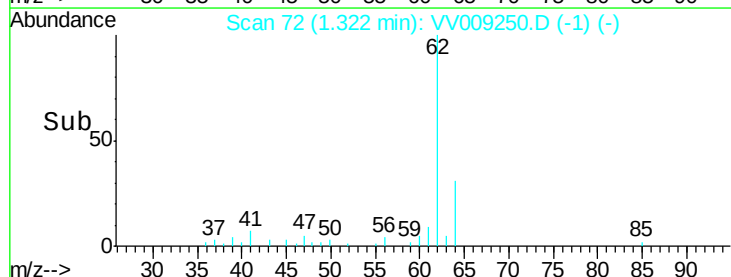
Ion Ratio Lower Upper

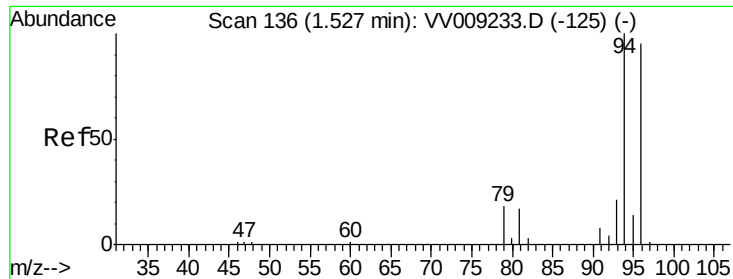
62 100

64 31.4 25.4 38.0



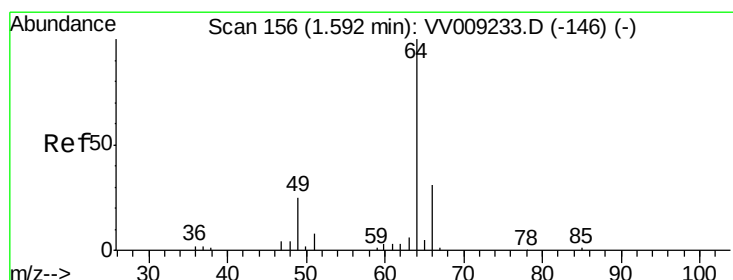
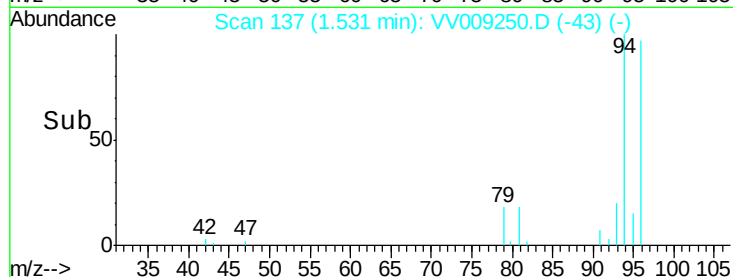
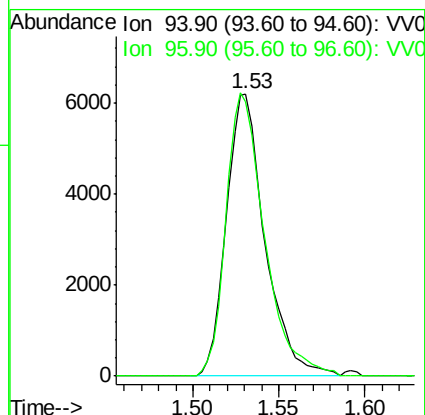
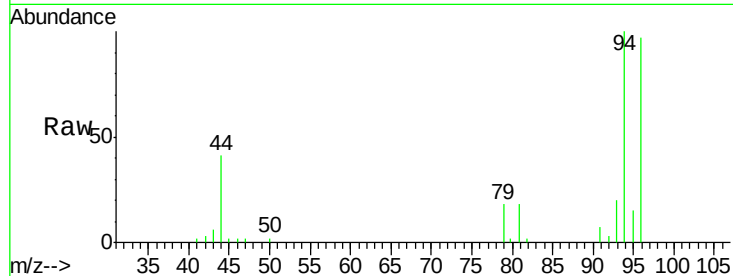
Abundance Ion 61.90 (61.60 to 62.60): VV009250.D (-1) (-)





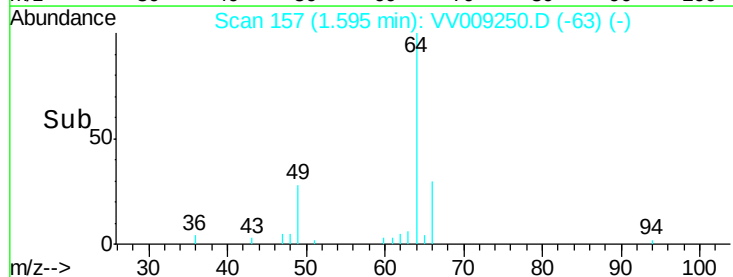
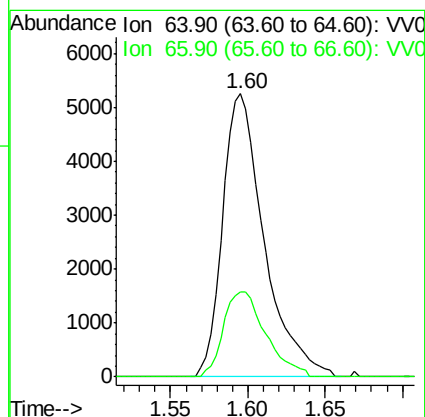
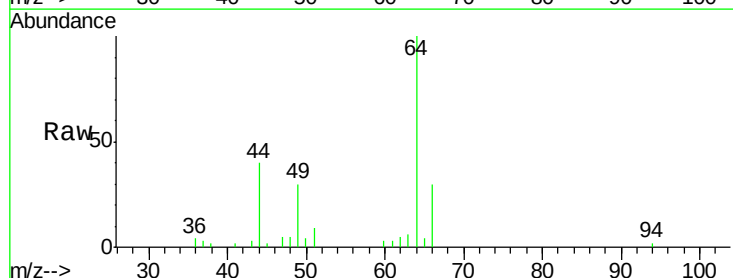
#5
Bromomethane
Concen: 17.812 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

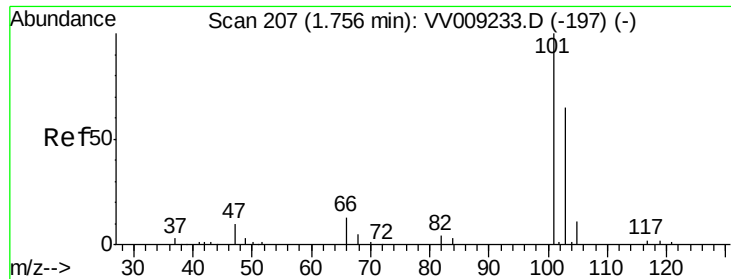
Tot Ion: 94 Resp: 9684
Ion Ratio Lower Upper
94 100
96 97.1 76.3 114.5



#6
Chloroethane
Concen: 18.273 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 64 Resp: 9791
Ion Ratio Lower Upper
64 100
66 29.8 25.1 37.7

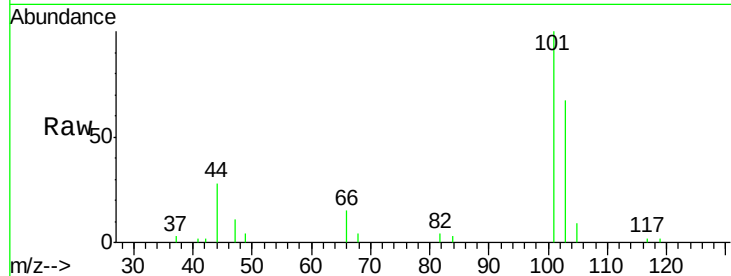




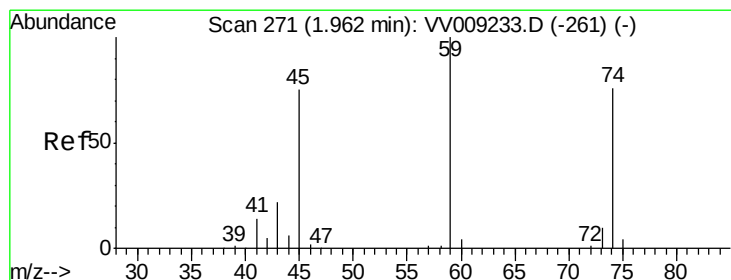
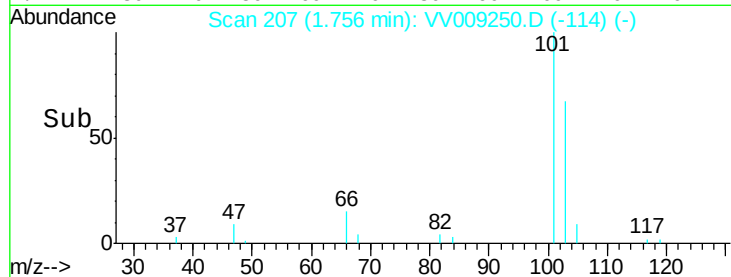
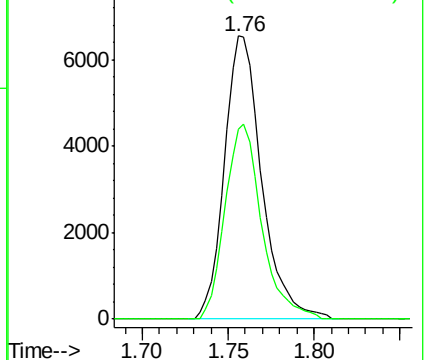
#7

Trichlorofluoromethane
 Concen: 14.675 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tot Ion:101 Resp: 9873
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.2 78.4



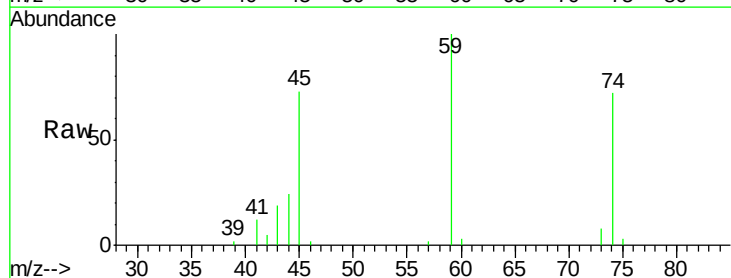
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



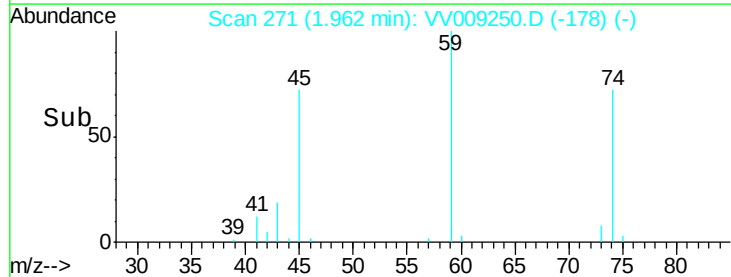
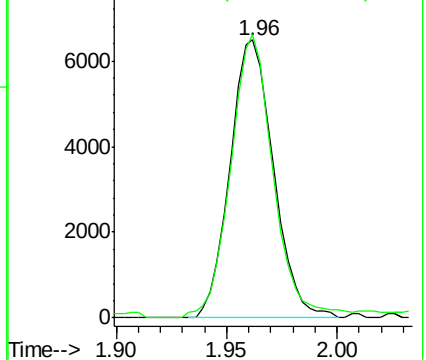
#8

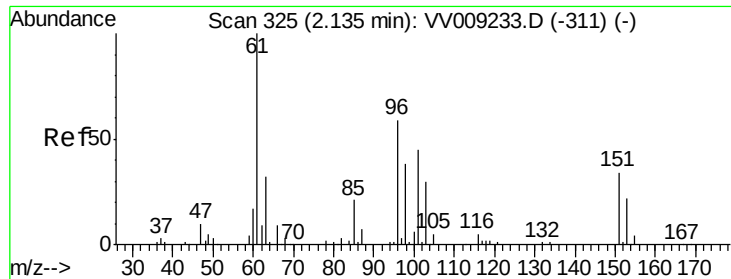
Diethyl Ether
 Concen: 21.014 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion: 74 Resp: 8892
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.1 147.3



Abundance Ion 74.00 (73.70 to 74.70): VV0
 Ion 45.00 (44.70 to 45.70): VV0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.618 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

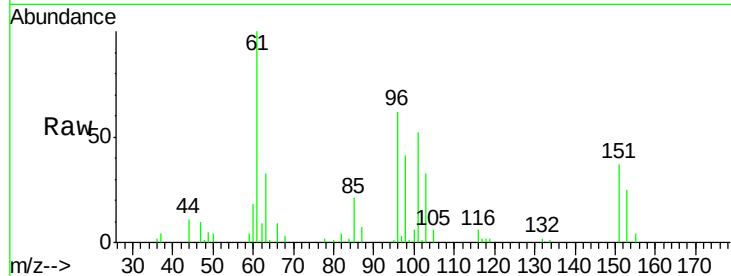
Tot Ion:101 Resp: 16400

Ion Ratio Lower Upper

101 100

85 42.4 35.3 52.9

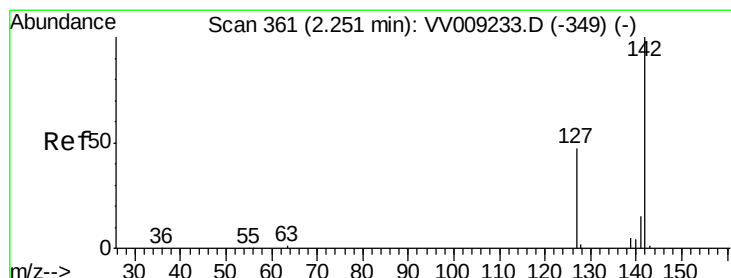
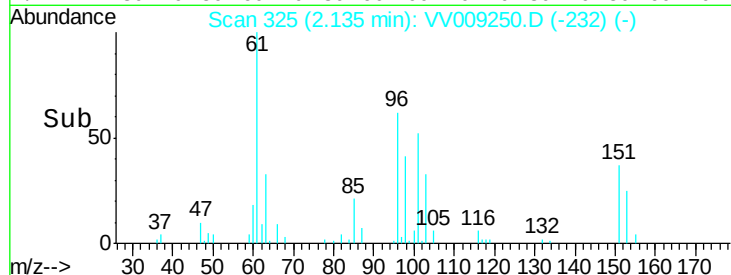
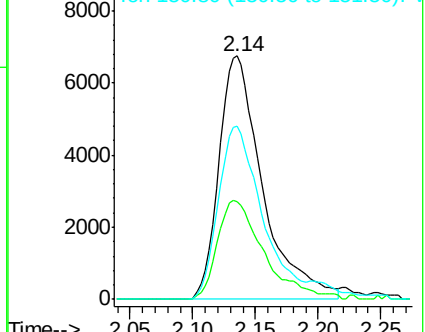
151 76.5 60.1 90.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.031 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

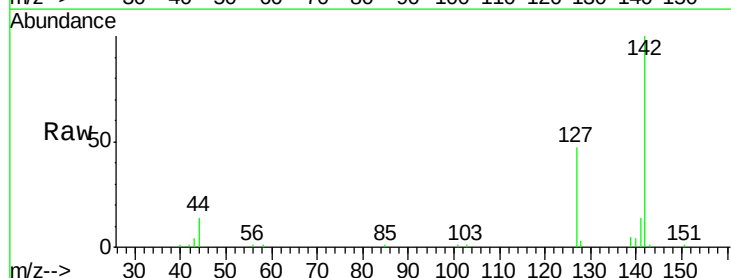
Tgt Ion:142 Resp: 25393

Ion Ratio Lower Upper

142 100

127 45.9 37.9 56.9

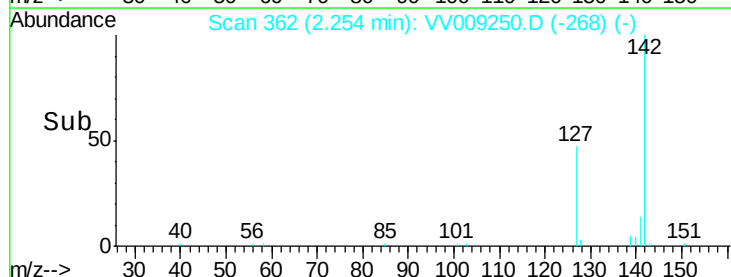
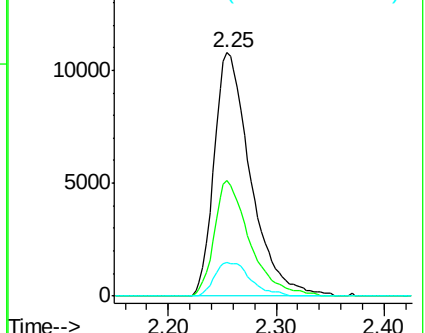
141 13.6 11.7 17.5

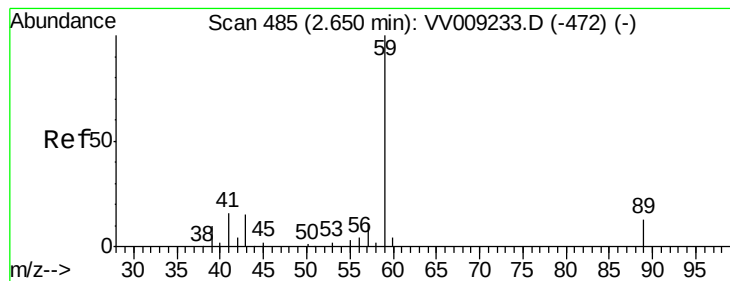


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

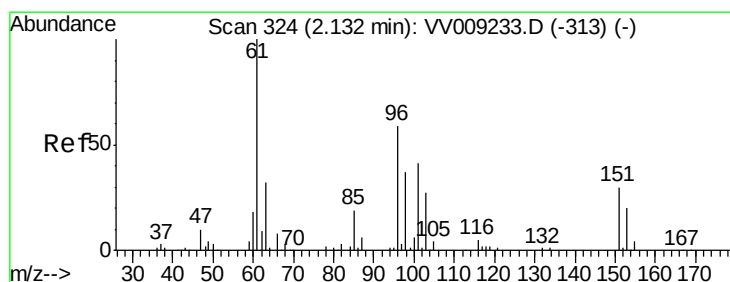
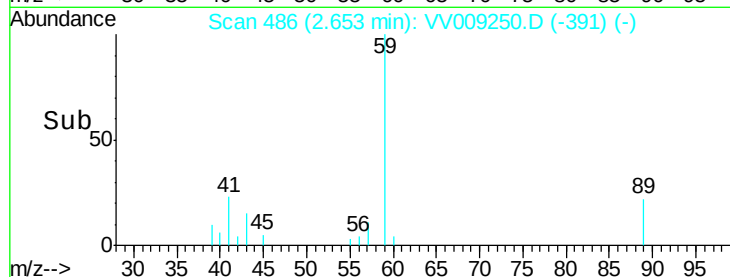
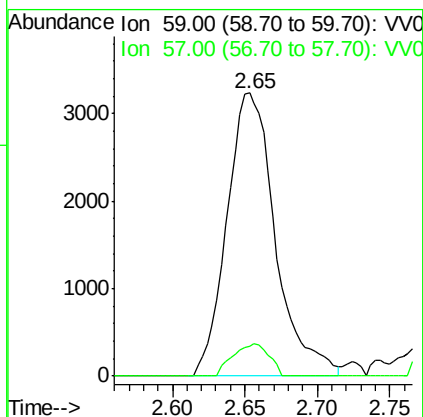
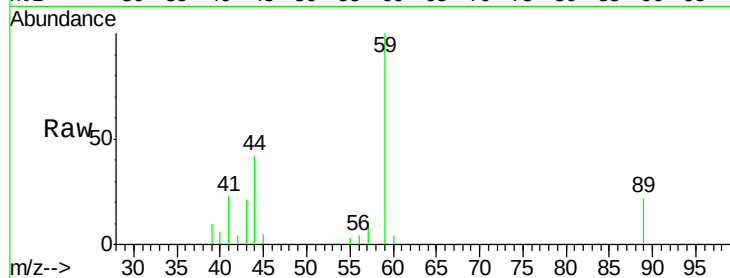




#11

Tert butyl alcohol
 Concen: 120.637 ug/l
 RT: 2.65 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

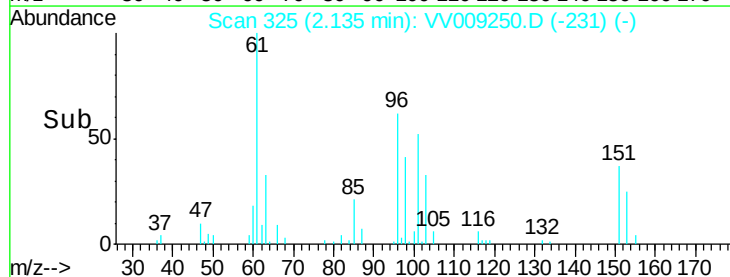
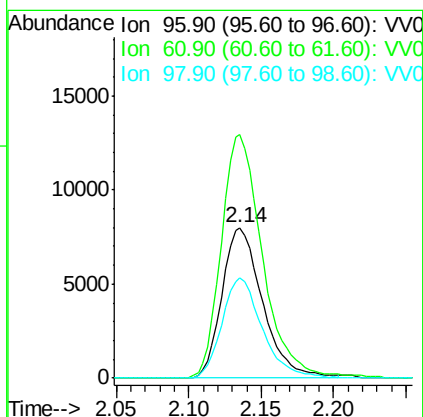
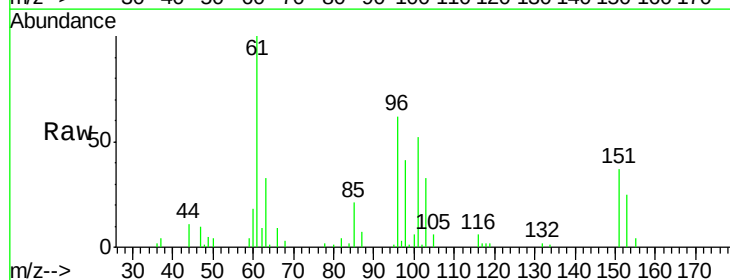
Tot Ion: 59 Resp: 7503
 Ion Ratio Lower Upper
 59 100
 57 8.5 8.4 12.6

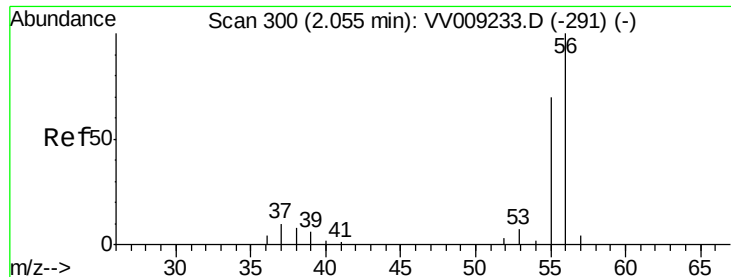


#12

1,1-Dichloroethene
 Concen: 18.917 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion: 96 Resp: 15527
 Ion Ratio Lower Upper
 96 100
 61 162.0 136.6 205.0
 98 66.8 50.6 75.8





#13

Acrolein

Concen: 82.727 ug/l

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009250.D

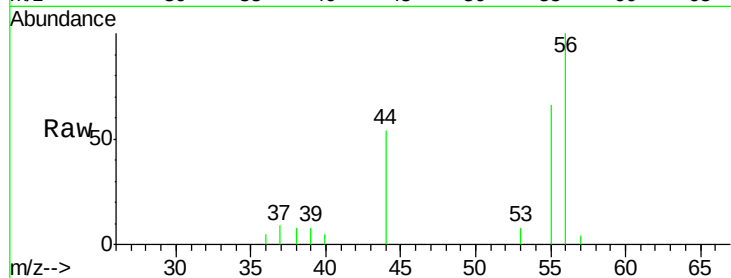
Acq: 23 Jan 2019 17:02

Tot Ion: 56 Resp: 4578

Ion Ratio Lower Upper

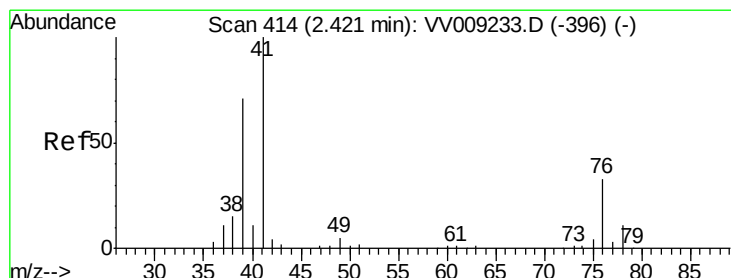
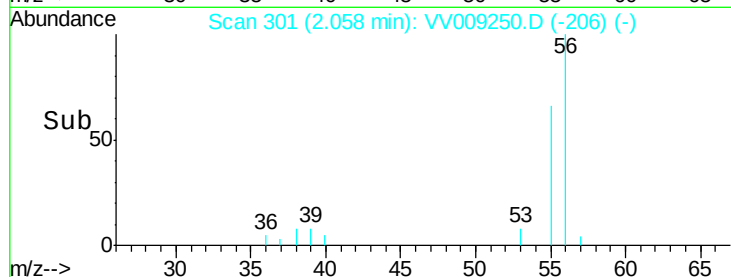
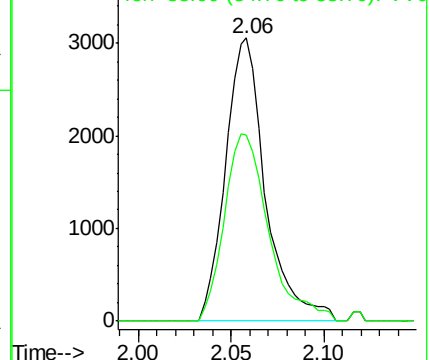
56 100

55 73.1 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0



#14

Allyl chloride

Concen: 17.731 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

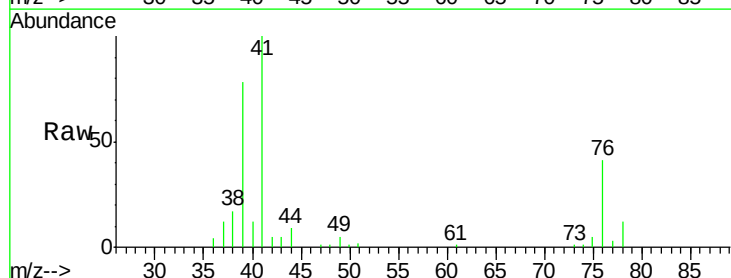
Tgt Ion: 41 Resp: 25083

Ion Ratio Lower Upper

41 100

39 71.6 55.1 82.7

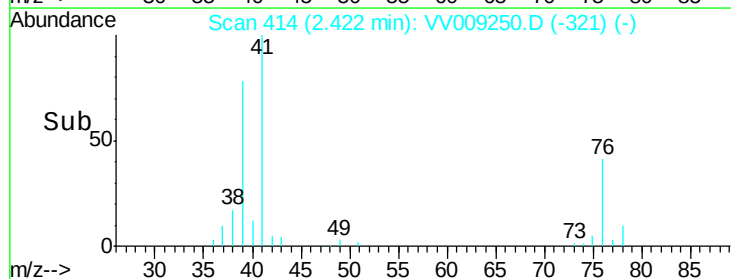
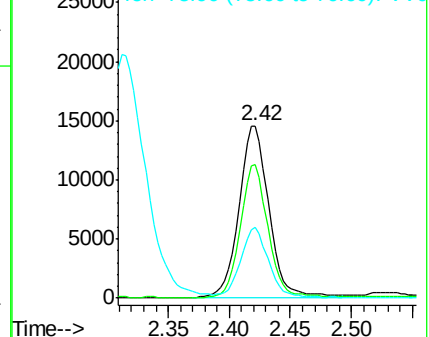
76 37.9 26.7 40.1

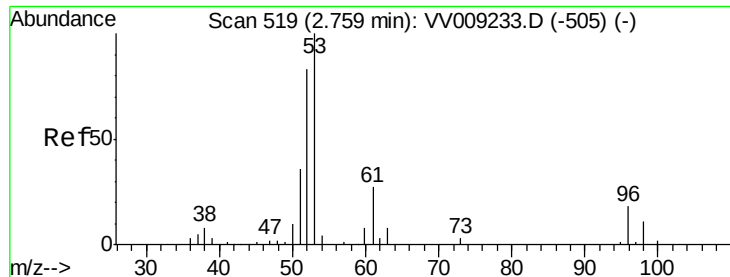


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0





#15

Acrylonitrile

Concen: 116.449 ug/l

RT: 2.76 min Scan# 519

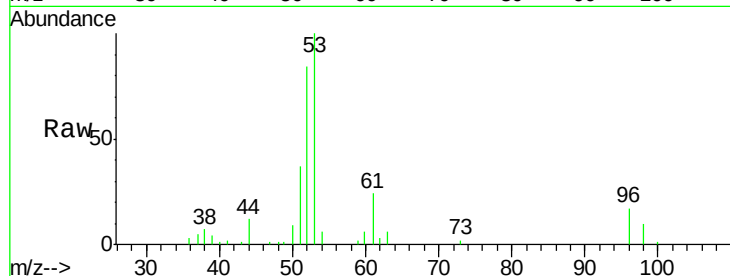
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion: 53 Resp: 21344

Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.3	97.9
51	39.4	29.0	43.4

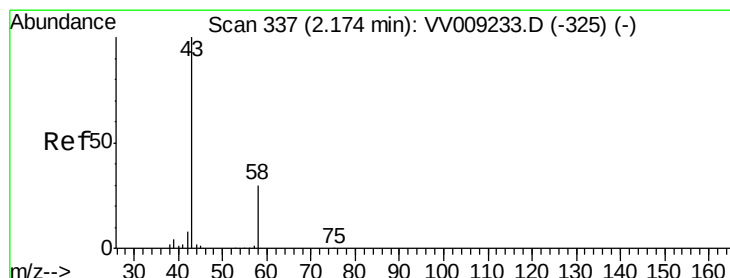
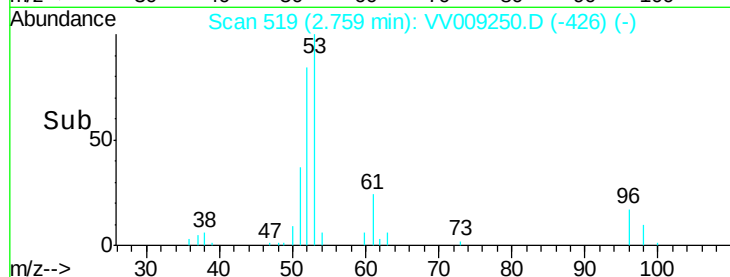
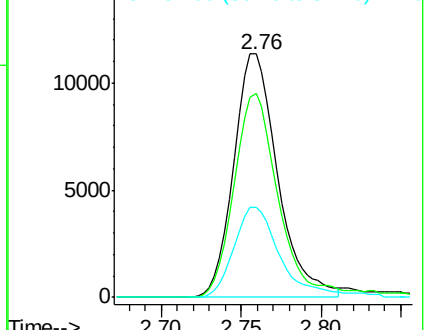


Abundance

Ion 53.00 (52.70 to 53.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

Ion 51.00 (50.70 to 51.70): VV0



#16

Acetone

Concen: 116.962 ug/l

RT: 2.17 min Scan# 337

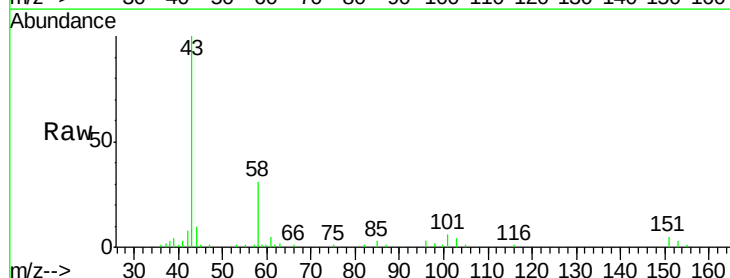
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 29990

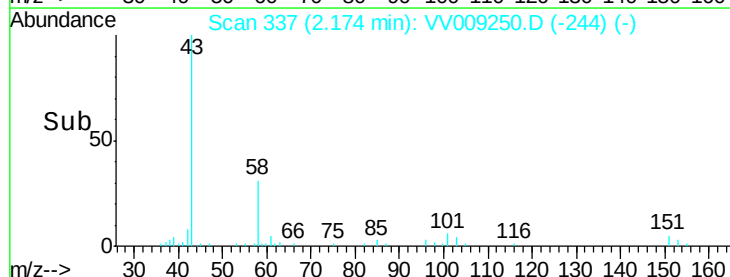
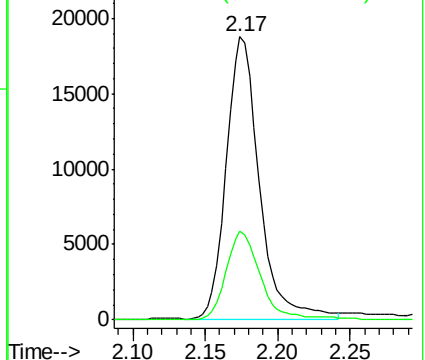
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.4	36.6

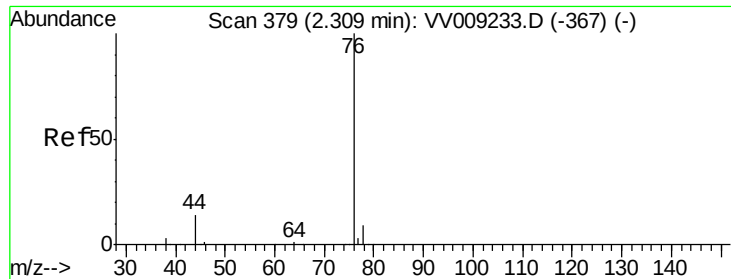


Abundance

Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

Carbon Disulfide

Concen: 17.492 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009250.D

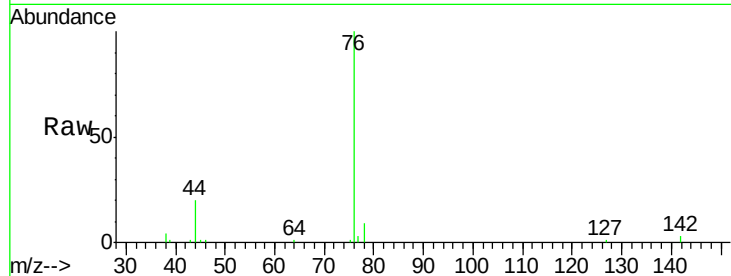
Acq: 23 Jan 2019 17:02

Tot Ion: 76 Resp: 43919

Ion Ratio Lower Upper

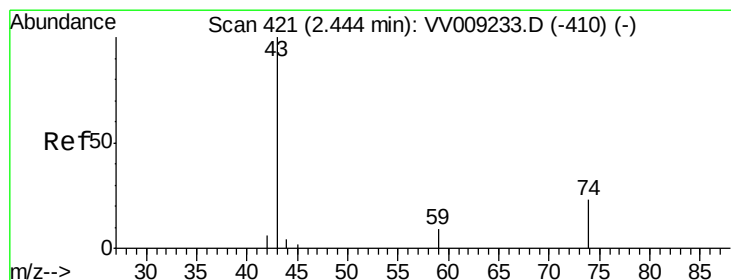
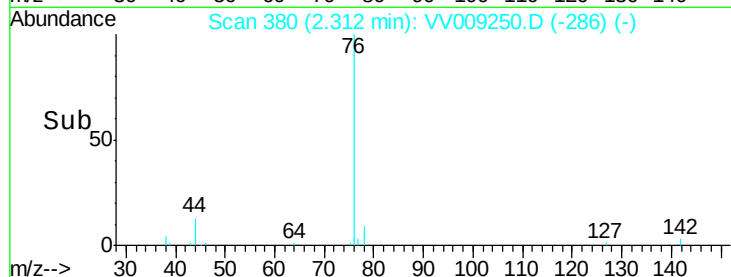
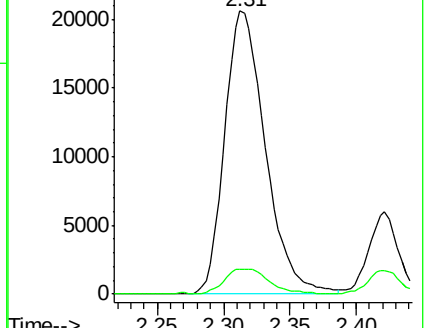
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VV009250.D (-286) (-)

Ion 77.90 (77.60 to 78.60): VV009250.D (-286) (-)



#18

Methyl Acetate

Concen: 21.933 ug/l

RT: 2.44 min Scan# 421

Delta R.T. 0.00 min

Lab File: VV009250.D

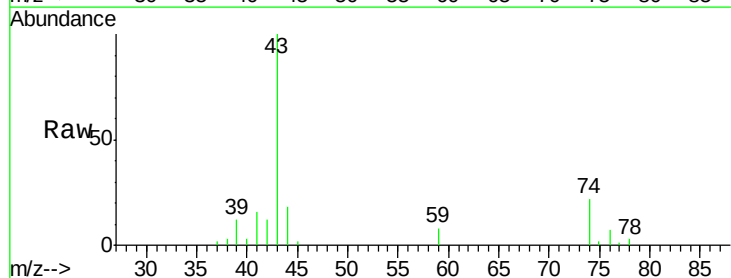
Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 15021

Ion Ratio Lower Upper

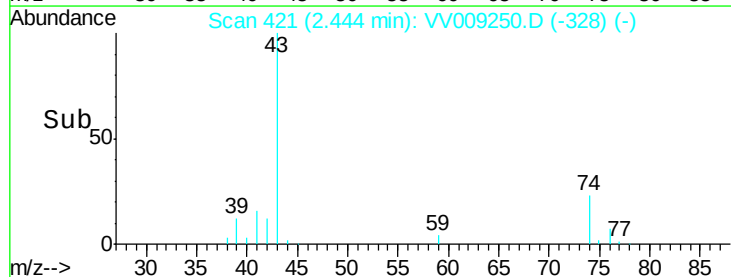
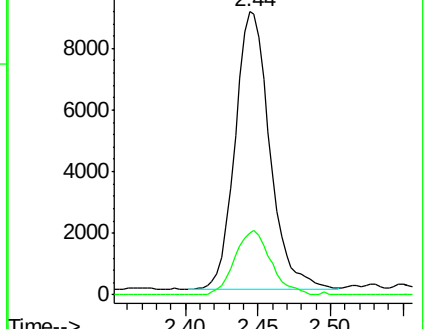
43 100

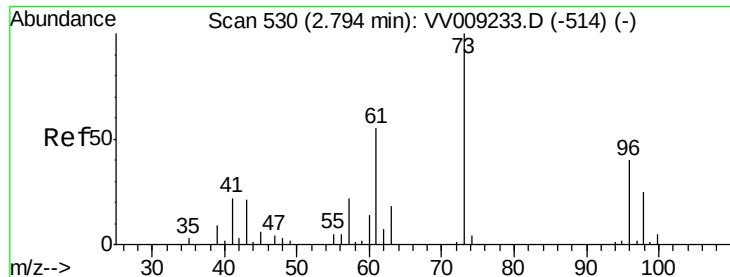
74 24.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-328) (-)

Ion 74.00 (73.70 to 74.70): VV009250.D (-328) (-)

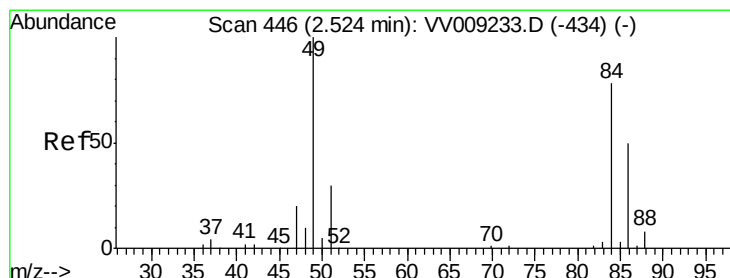
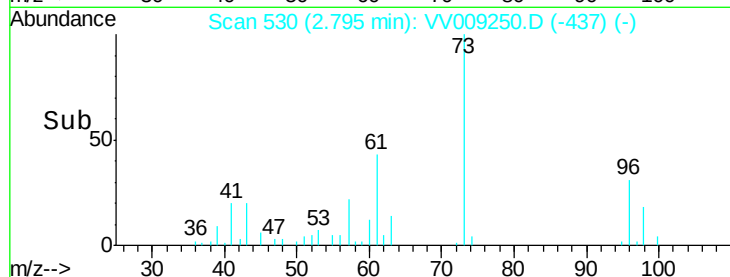
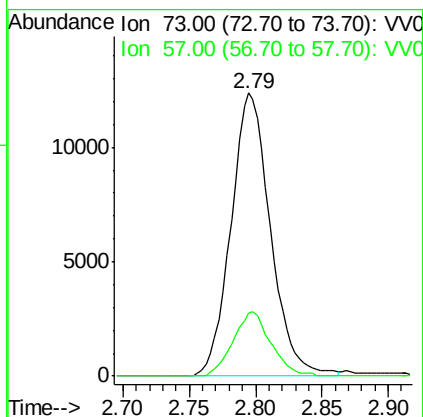
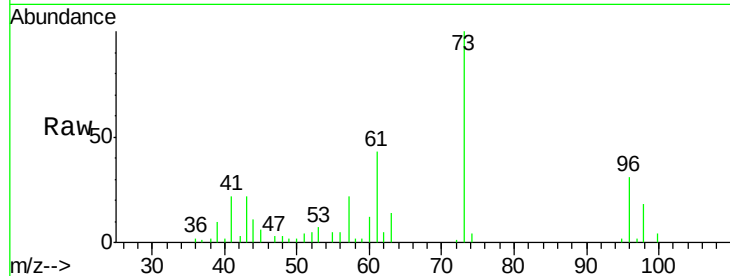




#19

Methyl tert-butyl Ether
 Concen: 20.102 ug/l
 RT: 2.79 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

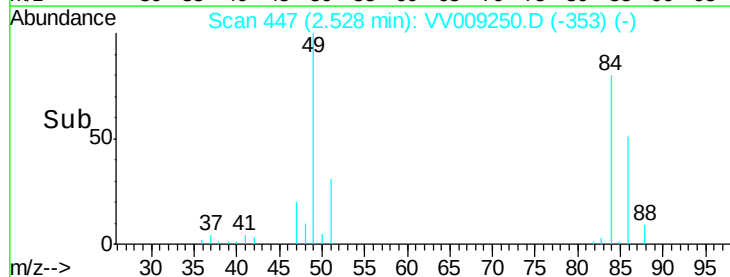
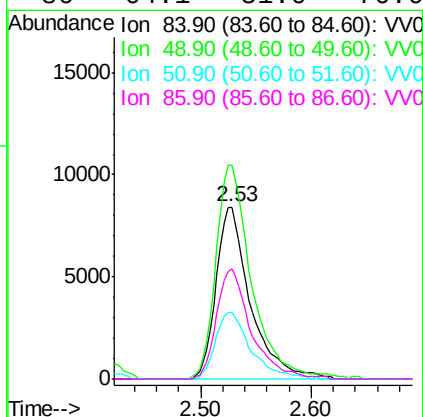
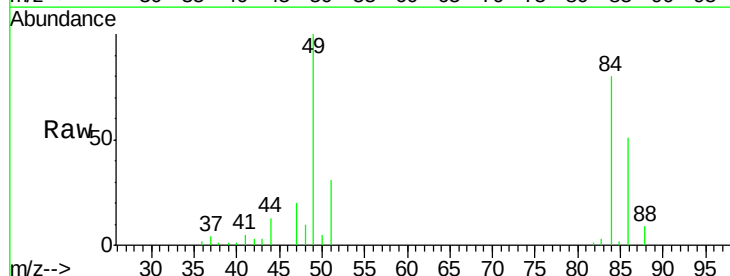
Tot Ion: 73 Resp: 25612
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.0 27.0

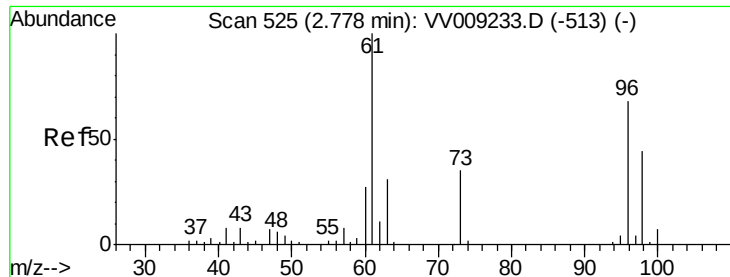


#20

Methylene Chloride
 Concen: 18.848 ug/l
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion: 84 Resp: 18154
 Ion Ratio Lower Upper
 84 100
 49 124.4 102.0 153.0
 51 38.8 30.9 46.3
 86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.278 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

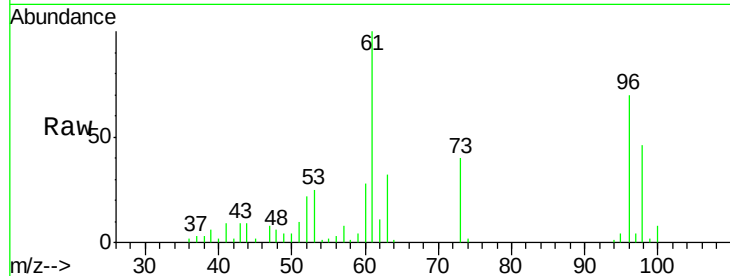
Tot Ion: 96 Resp: 16163

Ion Ratio Lower Upper

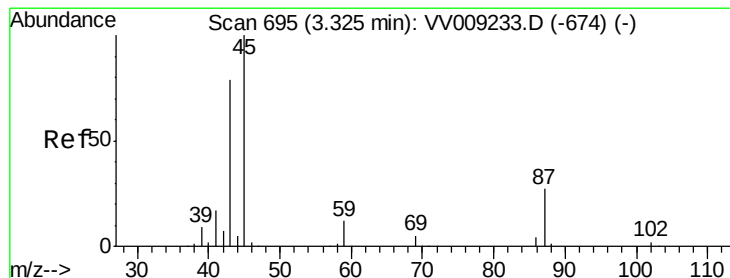
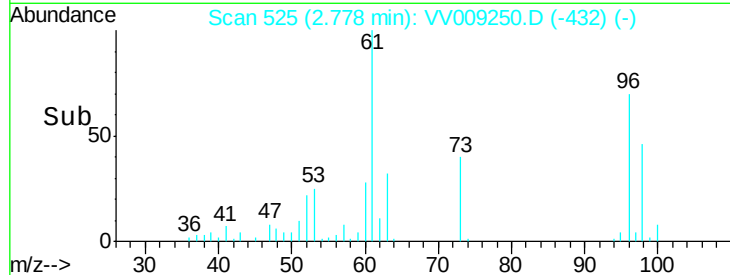
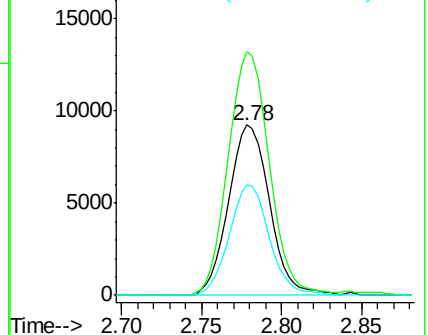
96 100

61 143.0 117.7 176.5

98 65.2 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



#22

Diisopropyl ether

Concen: 19.157 ug/l

RT: 3.33 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion: 45 Resp: 57704

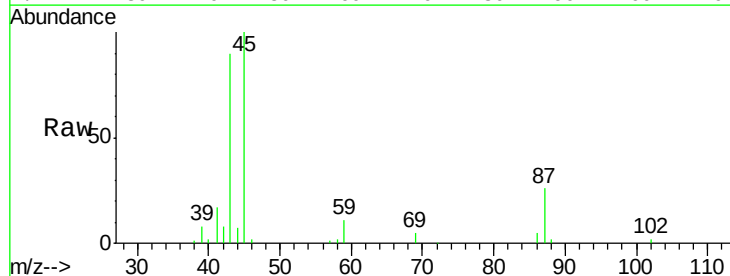
Ion Ratio Lower Upper

45 100

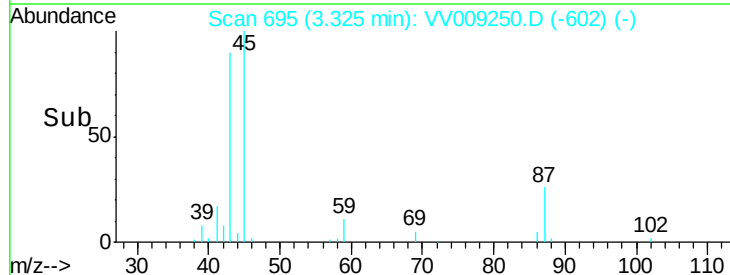
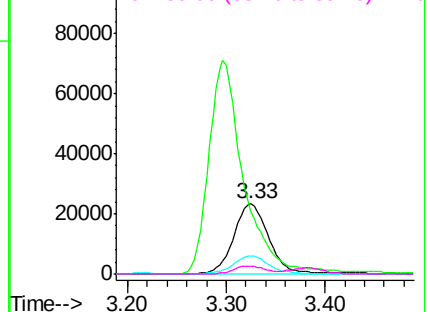
43 85.2 63.0 94.4

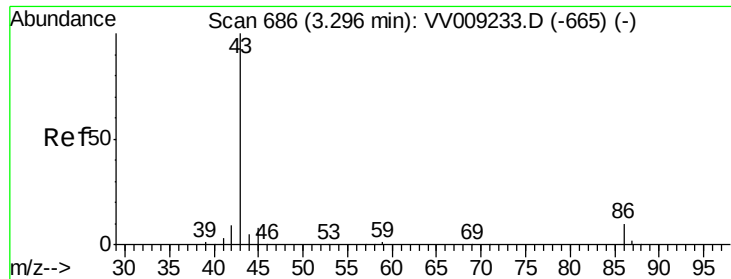
87 25.8 21.5 32.3

59 11.1 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 87.00 (86.70 to 87.70): VV0
Ion 59.00 (58.70 to 59.70): VV0





#23

Vinyl Acetate

Concen: 107.493 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009250.D

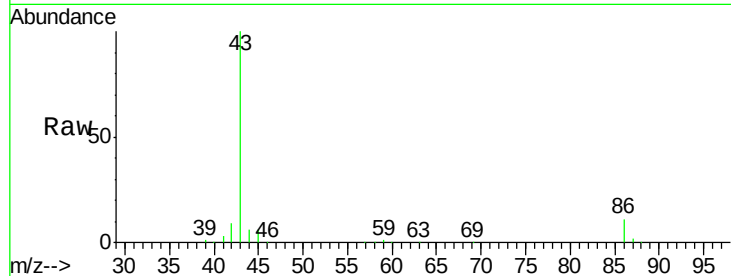
Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 175688

Ion Ratio Lower Upper

43 100

86 10.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

3.30

80000

60000

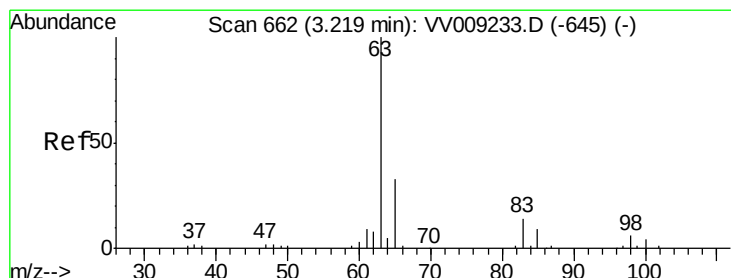
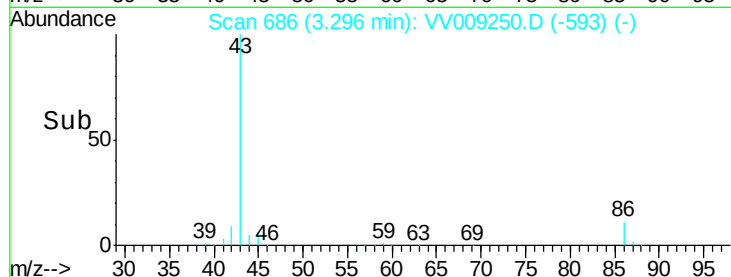
40000

20000

0

Time-->

3.20 3.30 3.40



#24

1,1-Dichloroethane

Concen: 19.114 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

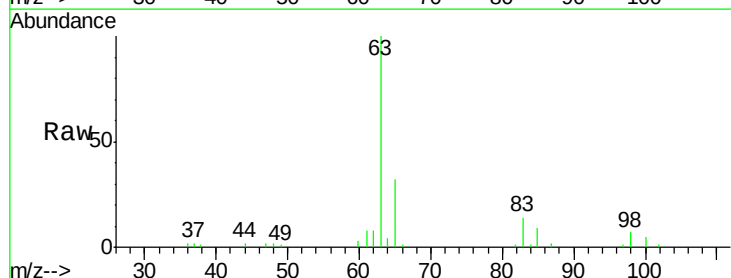
Tgt Ion: 63 Resp: 35821

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 97.90 (97.60 to 98.60): VV0

Ion 99.90 (99.60 to 100.60): VV0

3.22

20000

15000

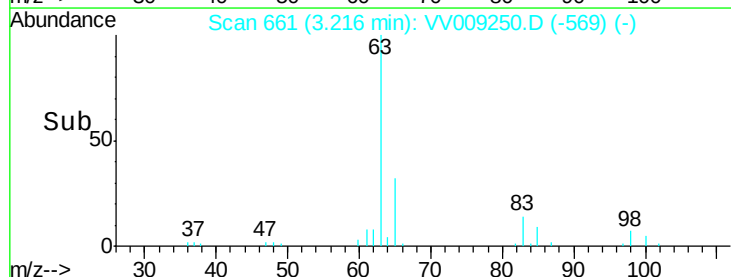
10000

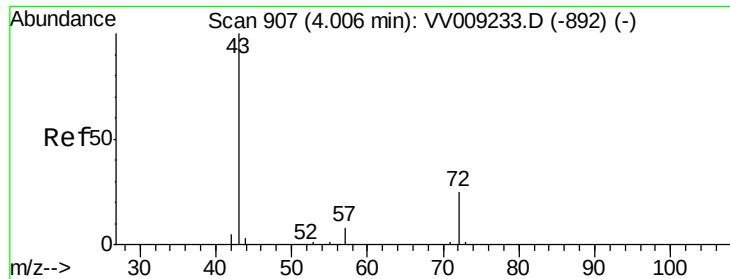
5000

0

Time-->

3.10 3.20 3.30





#25

2-Butanone

Concen: 124.986 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.01 min

Lab File: VV009250.D

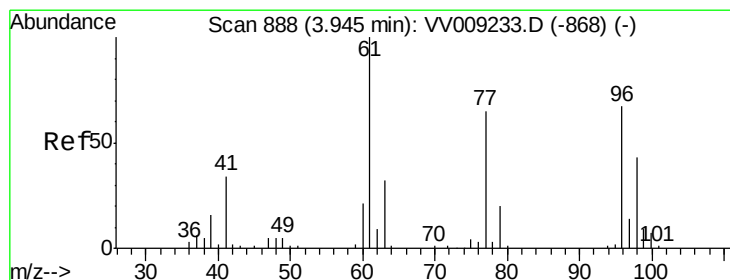
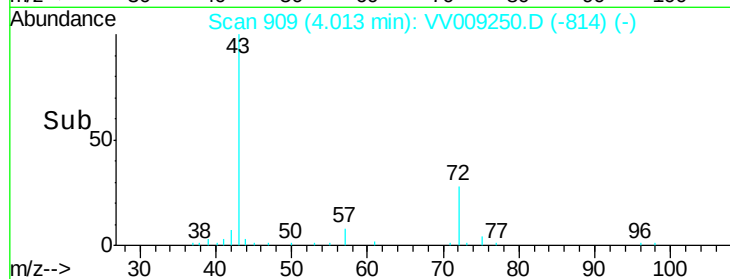
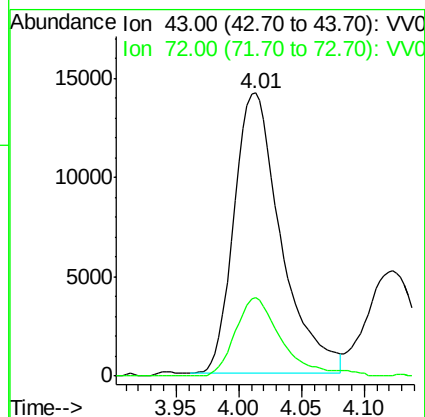
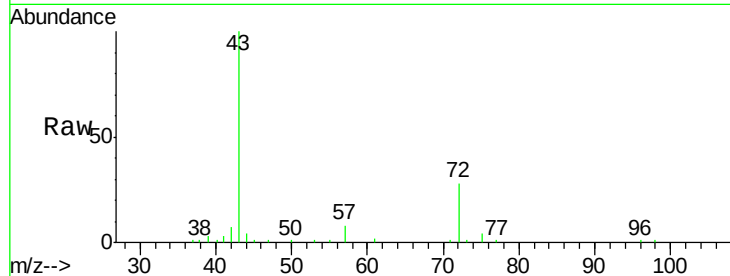
Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 36647

Ion Ratio Lower Upper

43 100

72 28.1 20.2 30.4



#26

2,2-Dichloropropane

Concen: 18.019 ug/l

RT: 3.94 min Scan# 887

Delta R.T. -0.00 min

Lab File: VV009250.D

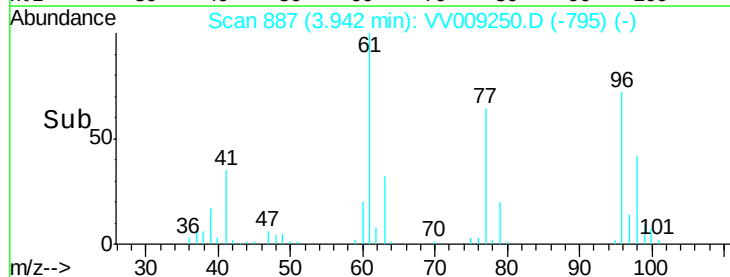
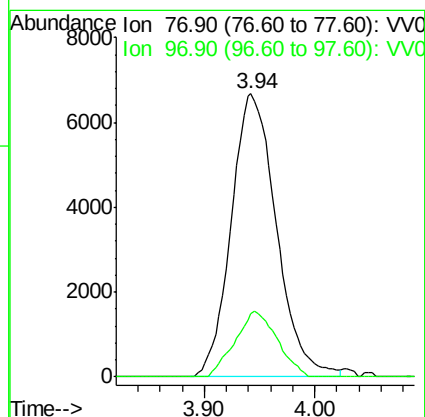
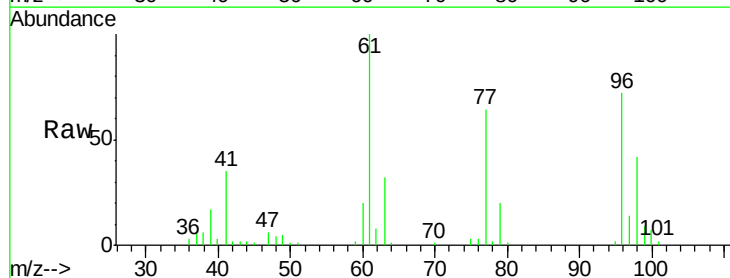
Acq: 23 Jan 2019 17:02

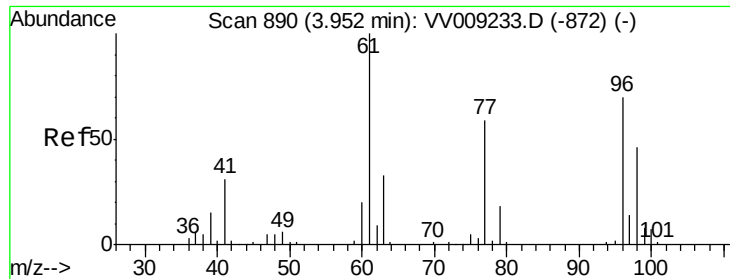
Tgt Ion: 77 Resp: 19005

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.210 ug/l

RT: 3.95 min Scan# 889

Delta R.T. -0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

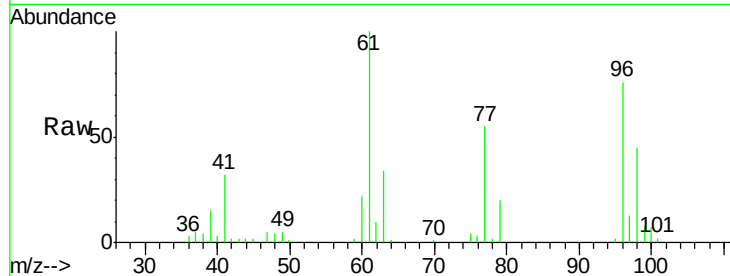
Tot Ion: 96 Resp: 20531

Ion Ratio Lower Upper

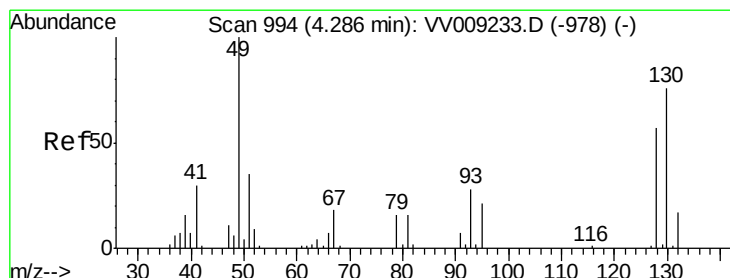
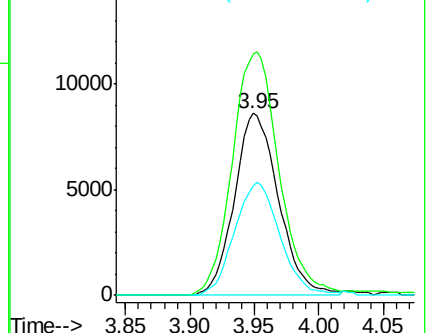
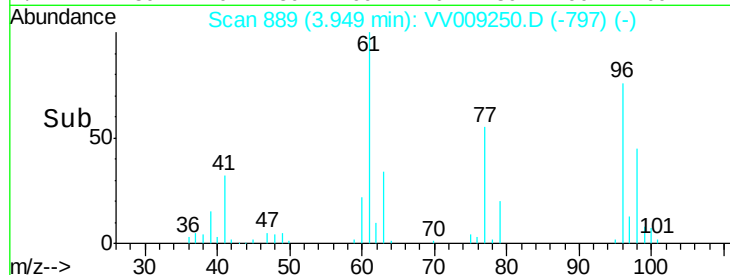
96 100

61 142.1 0.0 296.4

98 63.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VV009250.D (-797) (-)



#28

Bromochloromethane

Concen: 19.573 ug/l

RT: 4.29 min Scan# 994

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

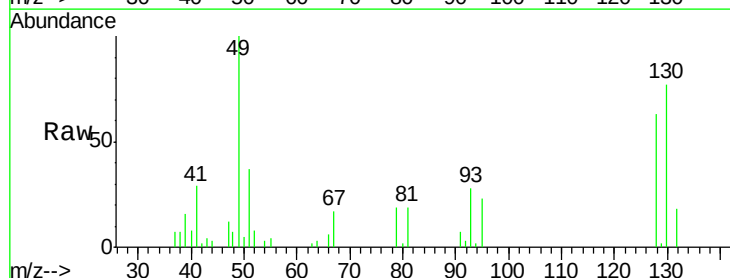
Tgt Ion: 49 Resp: 13536

Ion Ratio Lower Upper

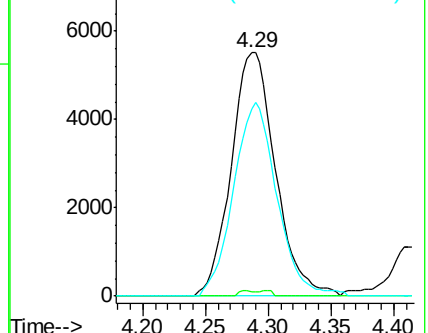
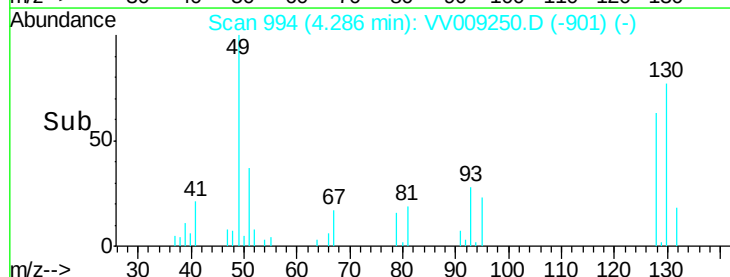
49 100

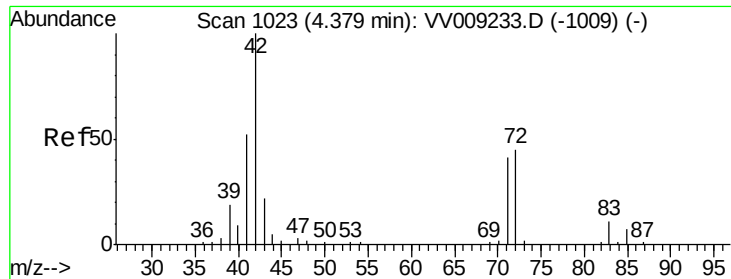
129 0.8 0.0 3.6

130 78.0 60.2 90.4



Abundance Ion 48.90 (48.60 to 49.60): VV009250.D (-901) (-)





#29

Tetrahydrofuran

Concen: 135.195 ug/l

RT: 4.38 min Scan# 1024

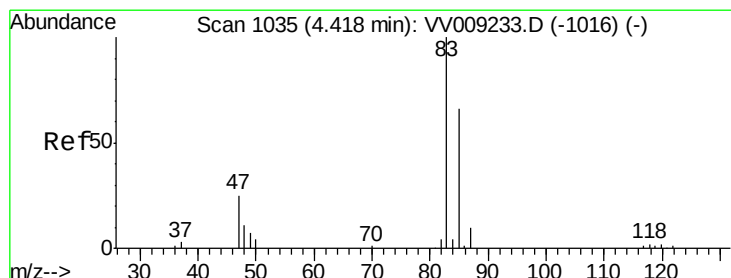
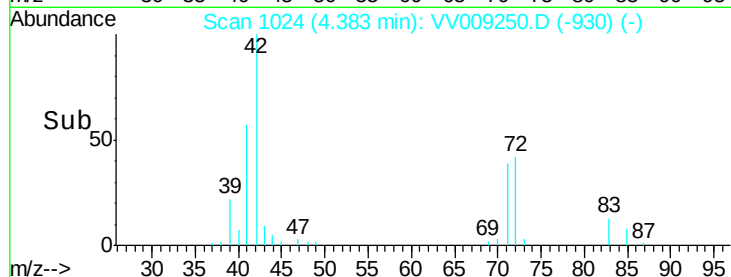
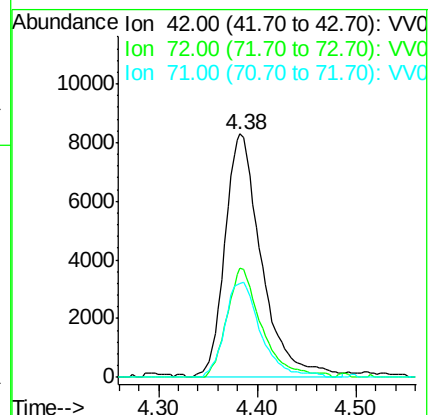
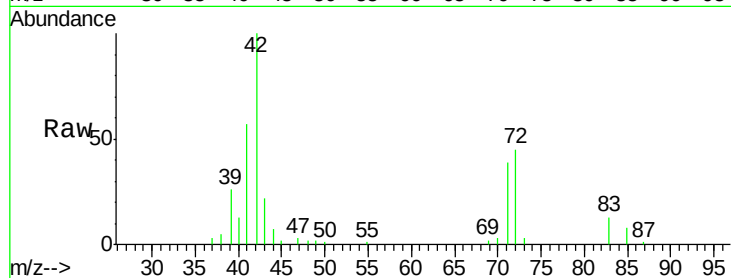
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion: 42 Resp: 21560

Ion	Ratio	Lower	Upper
42	100		
72	42.0	37.7	56.5
71	37.7	31.5	47.3



#30

Chloroform

Concen: 18.946 ug/l

RT: 4.42 min Scan# 1035

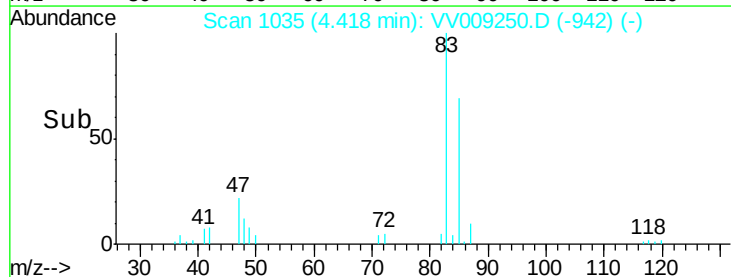
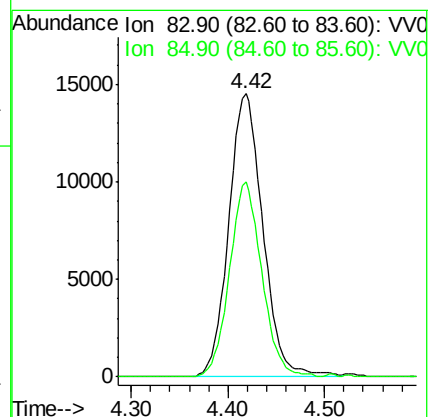
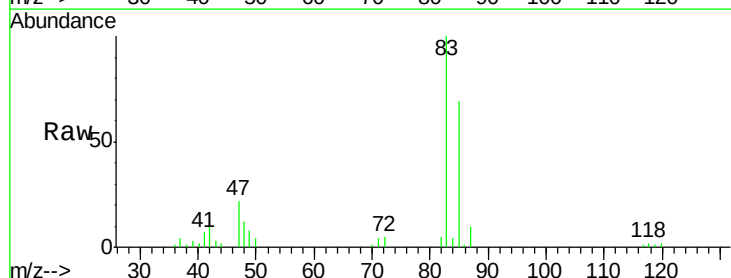
Delta R.T. 0.00 min

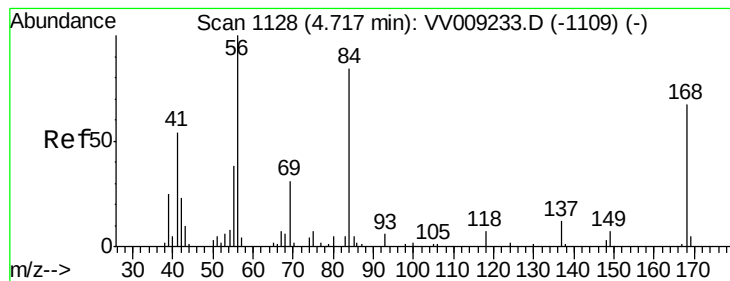
Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion: 83 Resp: 35661

Ion	Ratio	Lower	Upper
83	100		
85	68.7	52.6	79.0





#31

Cyclohexane

Concen: 19.223 ug/l

RT: 4.72 min Scan# 1129

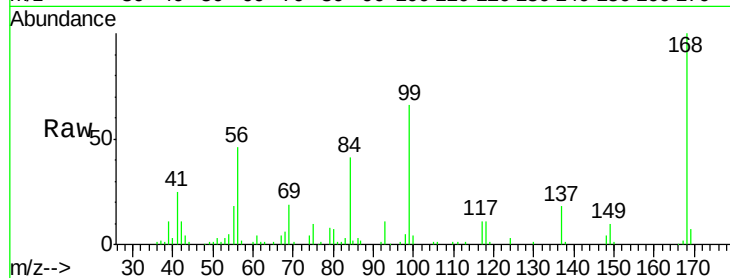
Delta R.T. 0.00 min

Lab File: VV009250.D

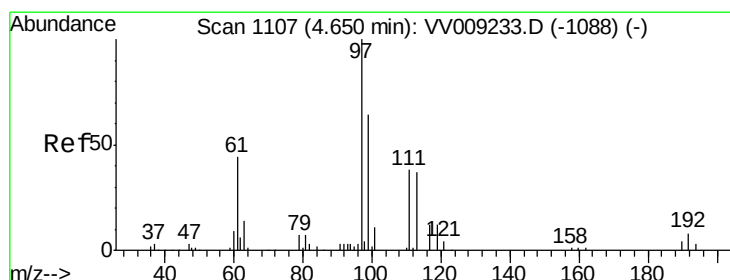
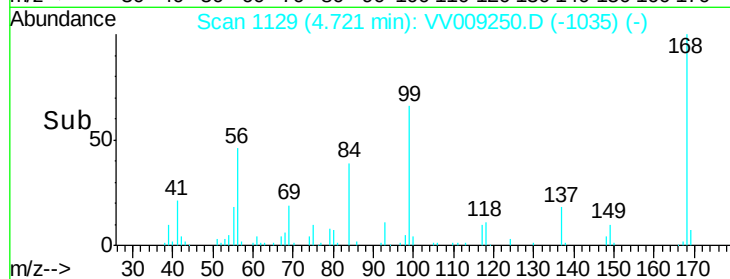
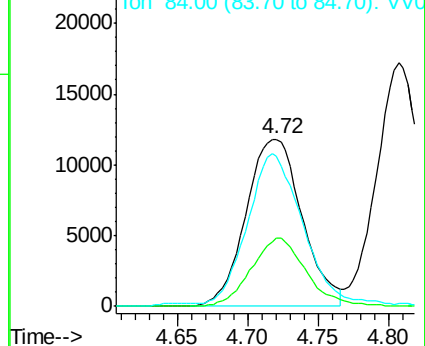
Acq: 23 Jan 2019 17:02

Tot Ion: 56 Resp: 32887

Ion	Ratio	Lower	Upper
56	100		
69	40.5	25.1	37.7#
84	87.9	67.3	100.9



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#32

1,1,1-Trichloroethane

Concen: 18.634 ug/l

RT: 4.65 min Scan# 1107

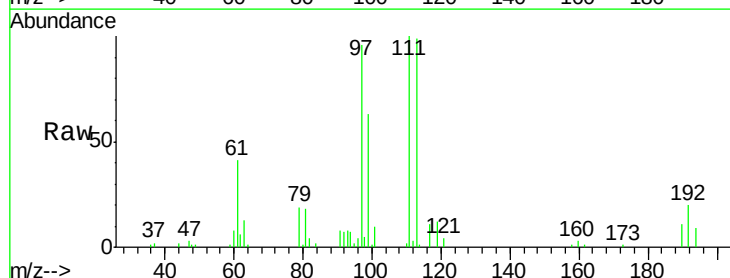
Delta R.T. 0.00 min

Lab File: VV009250.D

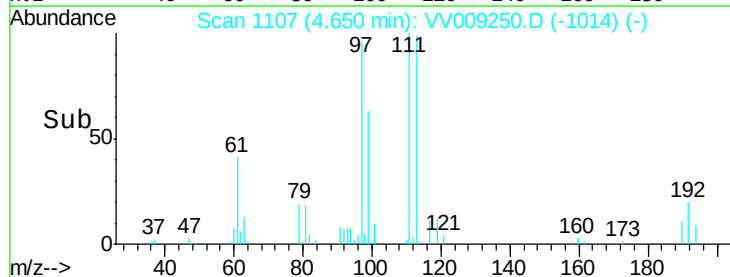
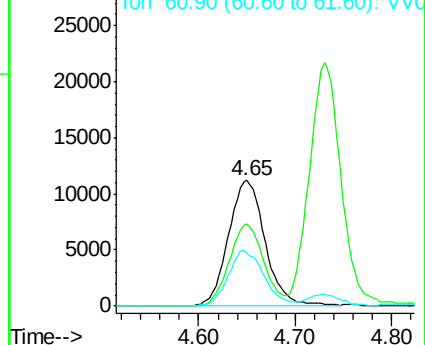
Acq: 23 Jan 2019 17:02

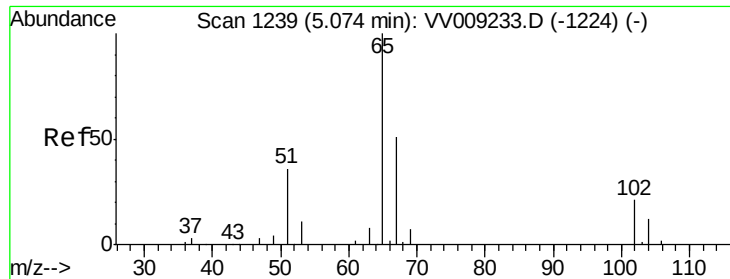
Tgt Ion: 97 Resp: 29562

Ion	Ratio	Lower	Upper
97	100		
99	61.8	50.2	75.2
61	43.0	34.7	52.1



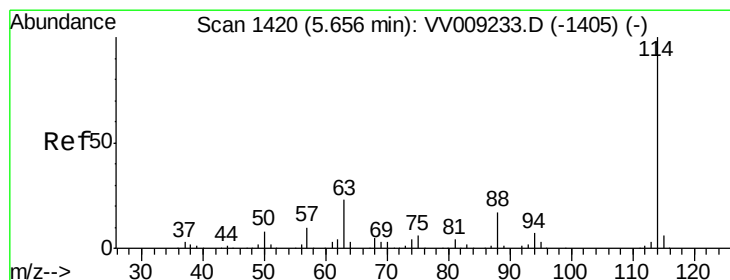
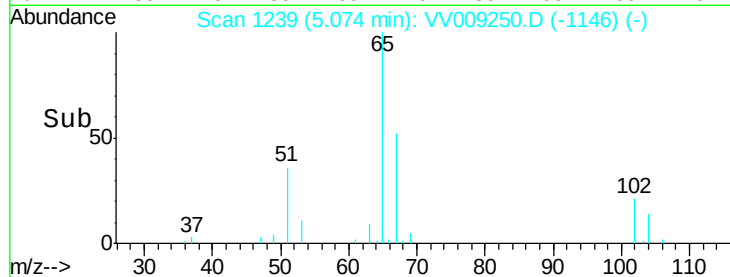
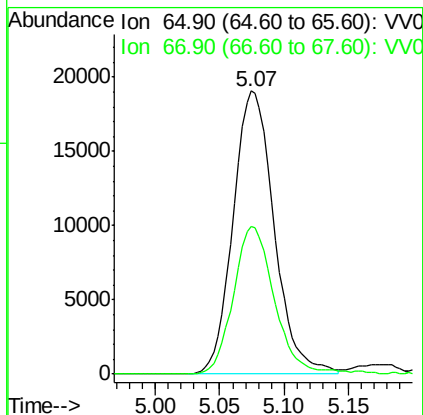
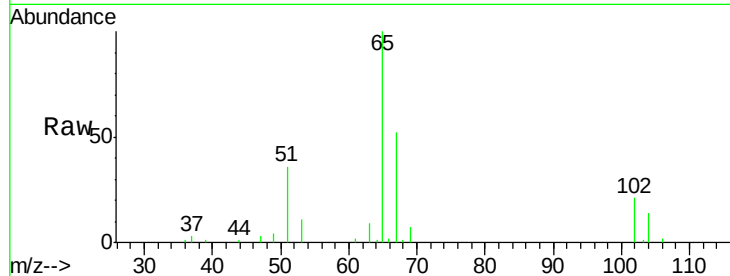
Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0





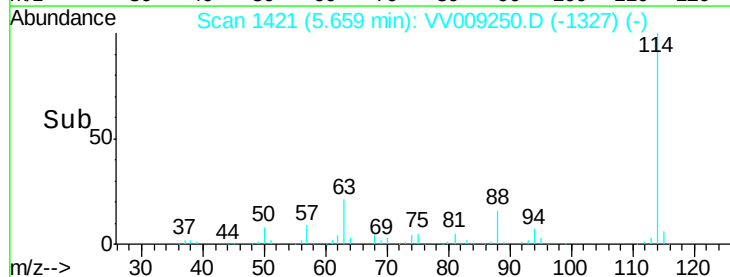
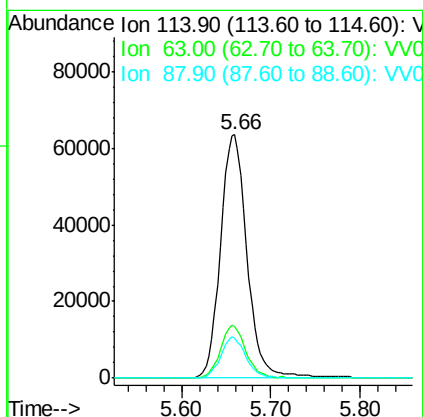
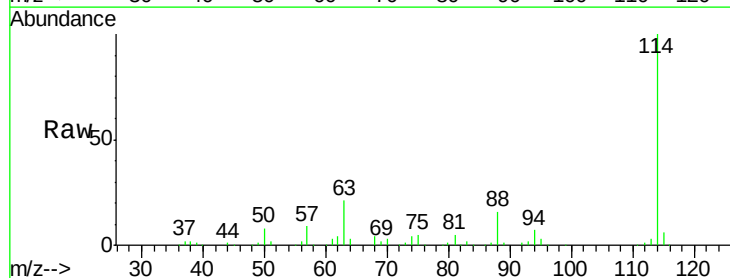
#33
 1,2-Dichloroethane-d4
 Concen: 44.752 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

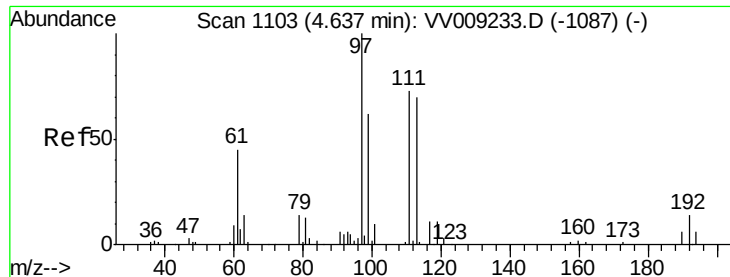
Tot Ion: 65 Resp: 42293
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion: 114 Resp: 131279
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.2
 88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.735 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

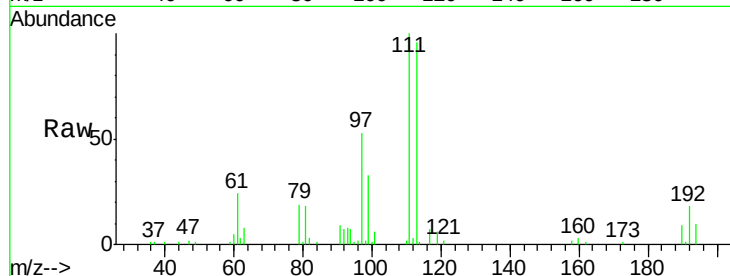
Tot Ion:113 Resp: 37361

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

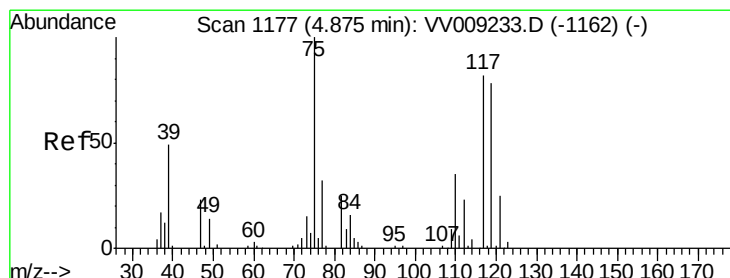
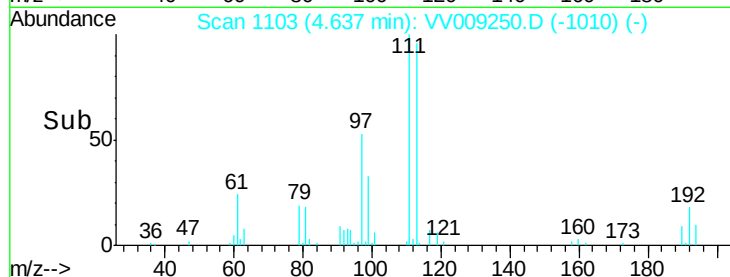
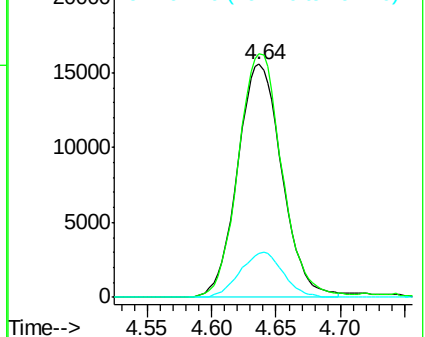
192 18.7 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.783 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

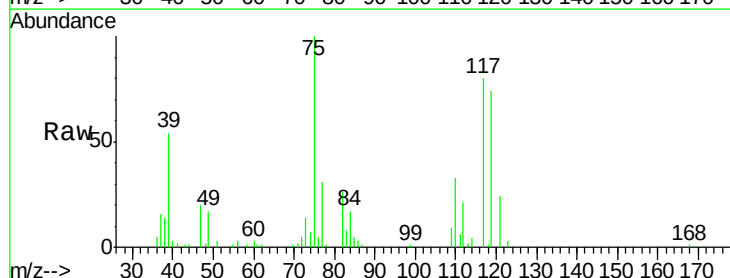
Tgt Ion: 75 Resp: 27377

Ion Ratio Lower Upper

75 100

110 34.4 17.5 52.5

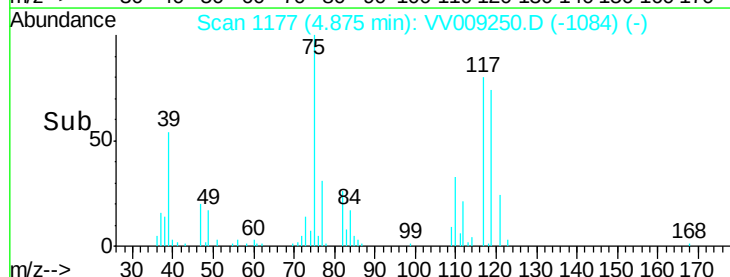
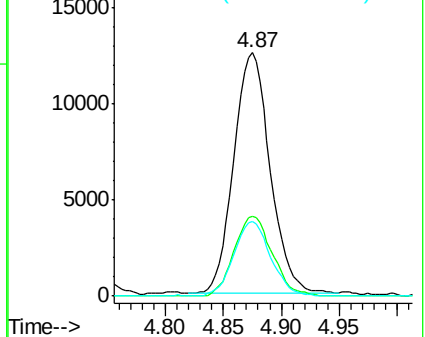
77 31.2 25.5 38.3

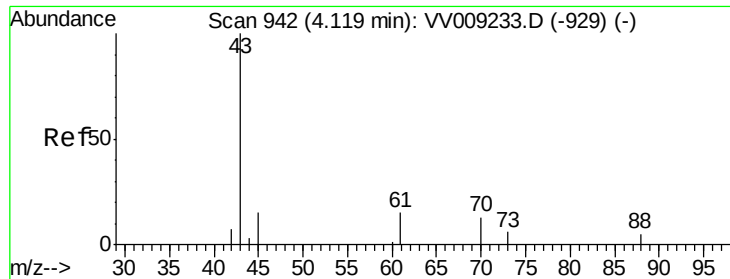


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VV0





#37

Ethyl Acetate

Concen: 25.345 ug/l

RT: 4.12 min Scan# 943

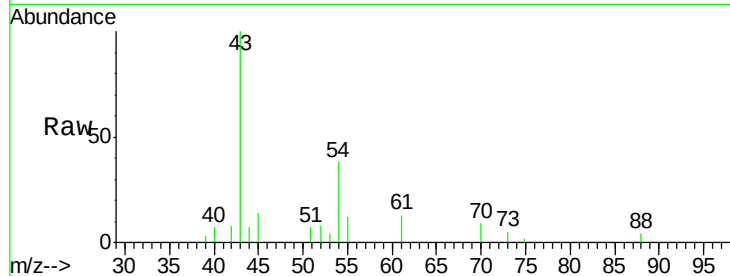
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 14197

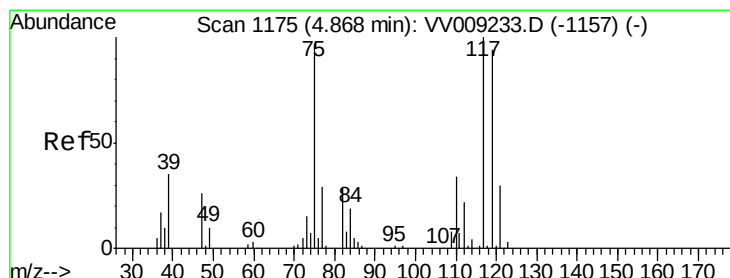
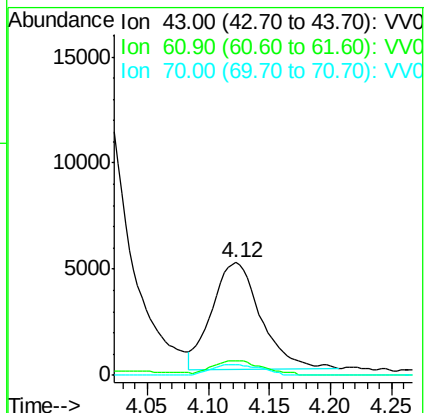
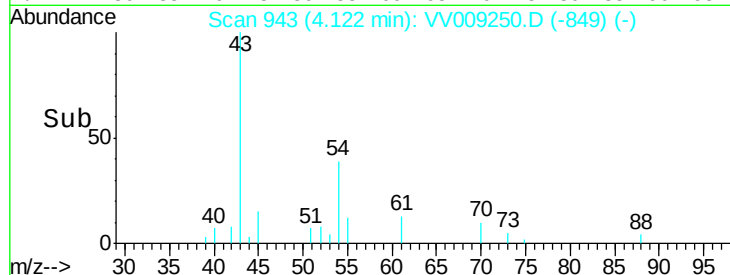
Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	9.9	8.7	13.1



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-849) (-)

Ion 60.90 (60.60 to 61.60): VV009250.D (-849) (-)

Ion 70.00 (69.70 to 70.70): VV009250.D (-849) (-)



#38

Carbon Tetrachloride

Concen: 18.599 ug/l

RT: 4.87 min Scan# 1175

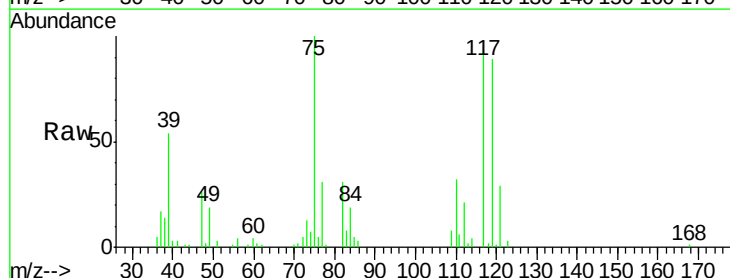
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion: 117 Resp: 27139

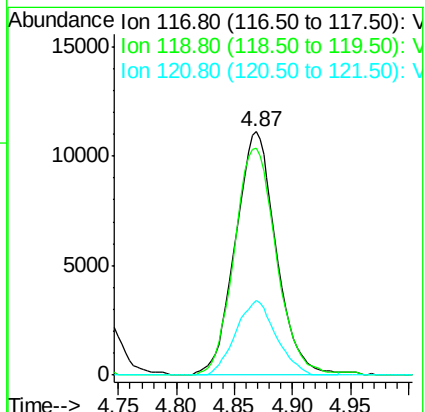
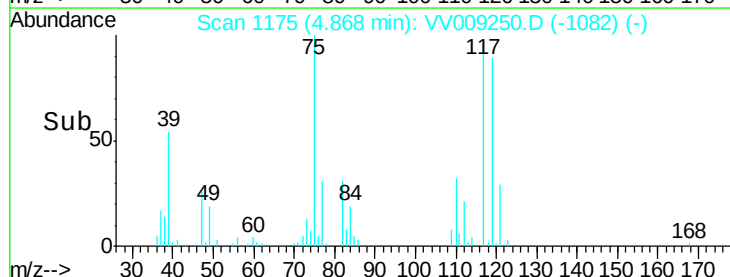
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.4	113.2
121	30.6	24.2	36.2

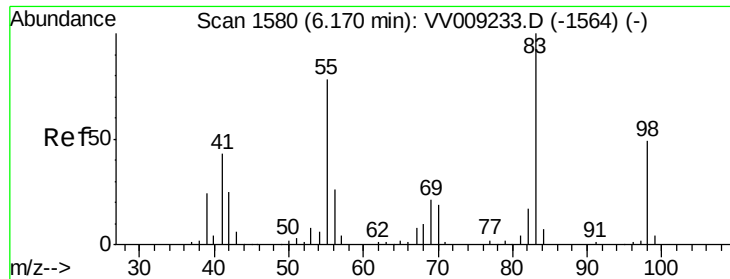


Abundance Ion 116.80 (116.50 to 117.50): VV009250.D (-1082) (-)

Ion 118.80 (118.50 to 119.50): VV009250.D (-1082) (-)

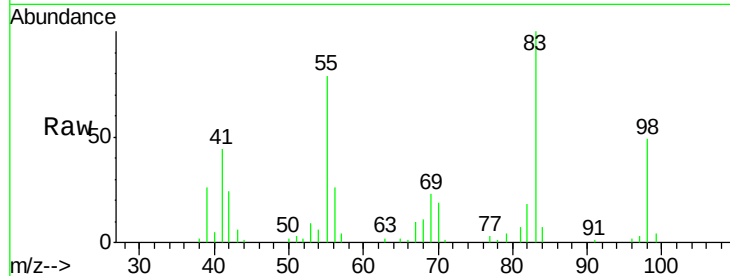
Ion 120.80 (120.50 to 121.50): VV009250.D (-1082) (-)



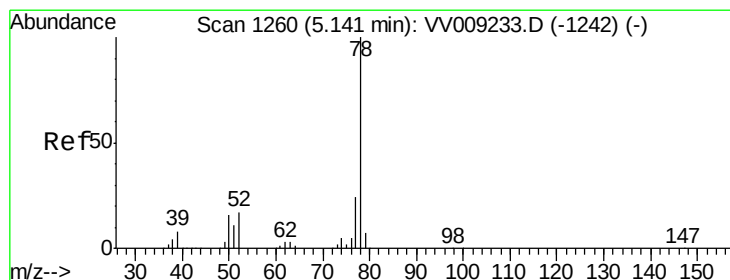
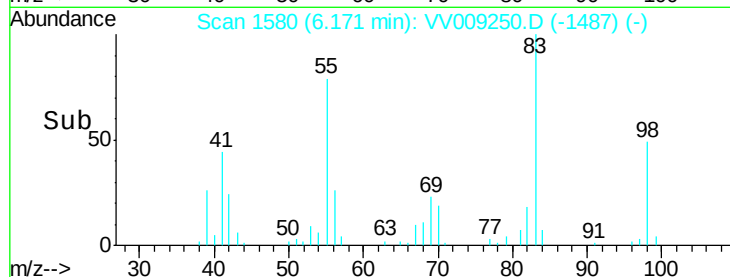
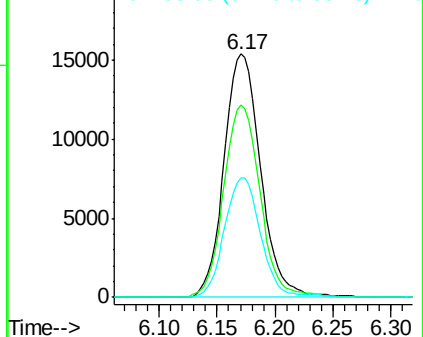


#39
Methylvlcyclohexane
Concen: 19.503 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion: 83 Resp: 33663
Ion Ratio Lower Upper
83 100
55 79.2 62.8 94.2
98 49.1 39.1 58.7

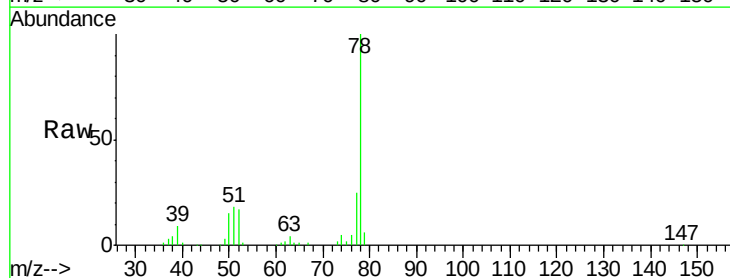


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

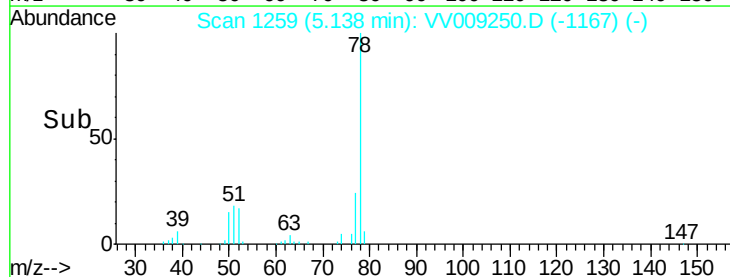
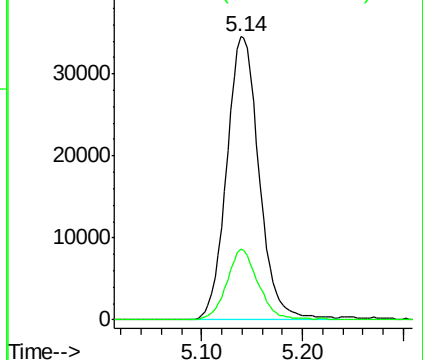


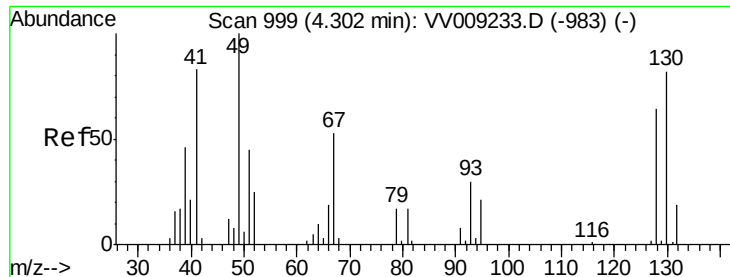
#40
Benzene
Concen: 19.025 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 78 Resp: 77558
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#41

Methacrylonitrile

Concen: 24.728 ug/l

RT: 4.30 min Scan# 999

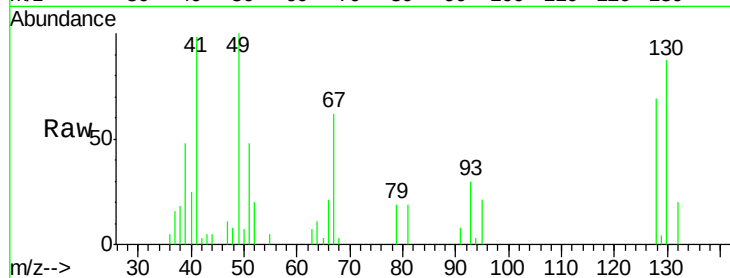
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion: 41 Resp: 8348

Ion	Ratio	Lower	Upper
41	100		
39	51.2	45.4	68.0
67	65.7	55.5	83.3
52	27.3	25.2	37.8

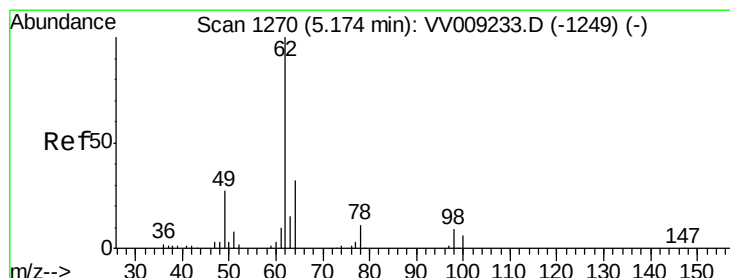
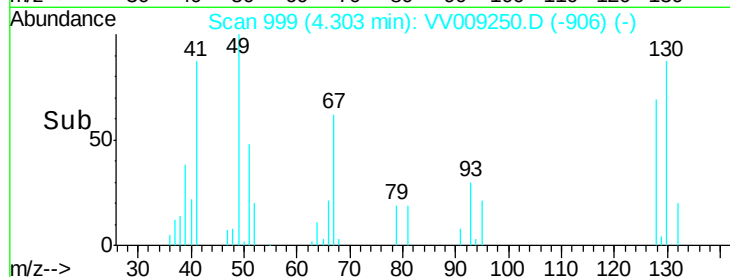


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 67.00 (66.70 to 67.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#42

1,2-Dichloroethane

Concen: 19.554 ug/l

RT: 5.17 min Scan# 1270

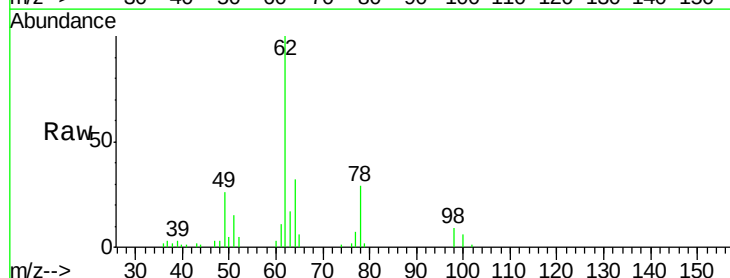
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

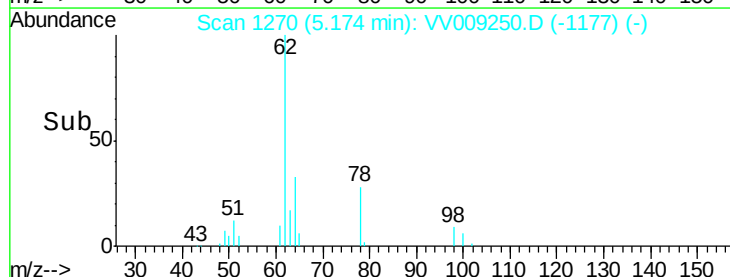
Tgt Ion: 62 Resp: 24948

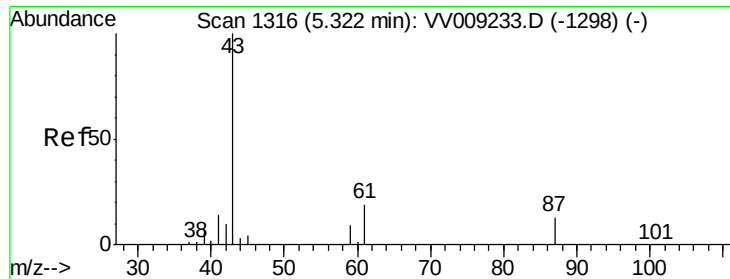
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 23.290 ug/l

RT: 5.33 min Scan# 1317

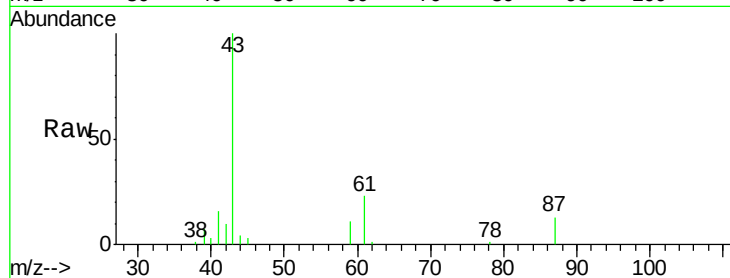
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 25662

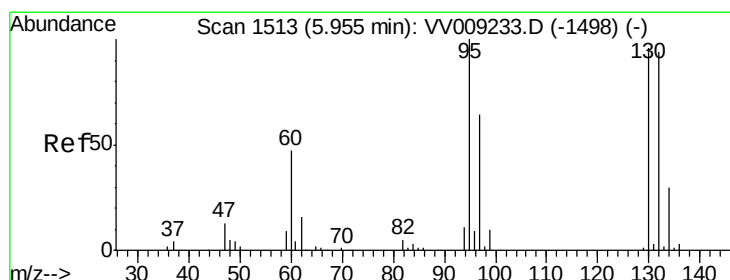
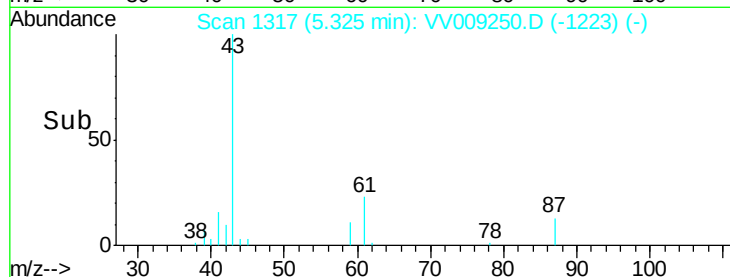
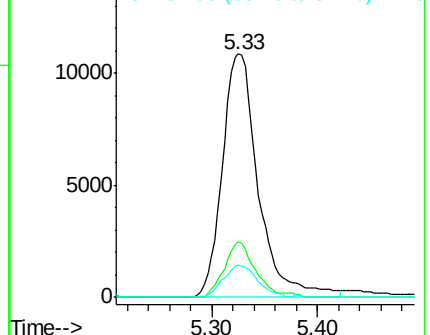
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	12.6	9.9	14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-1223) (-)

Ion 61.00 (60.70 to 61.70): VV009250.D (-1223) (-)

Ion 87.00 (86.70 to 87.70): VV009250.D (-1223) (-)



#44

Trichloroethene

Concen: 18.773 ug/l

RT: 5.95 min Scan# 1512

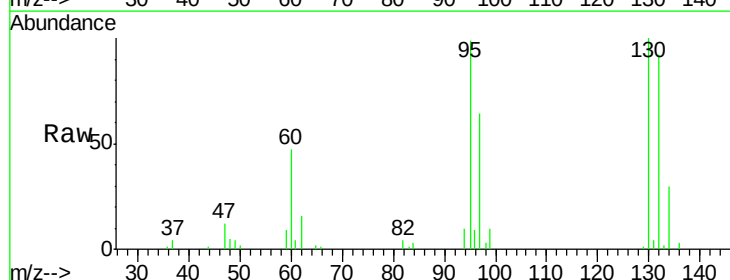
Delta R.T. -0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

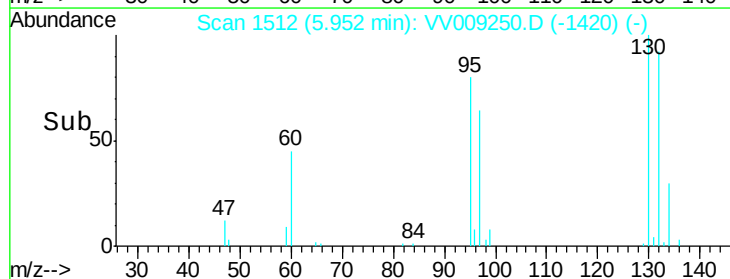
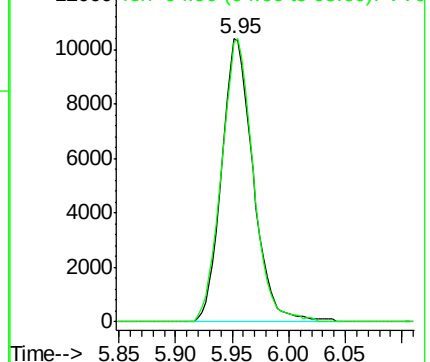
Tgt Ion: 130 Resp: 20139

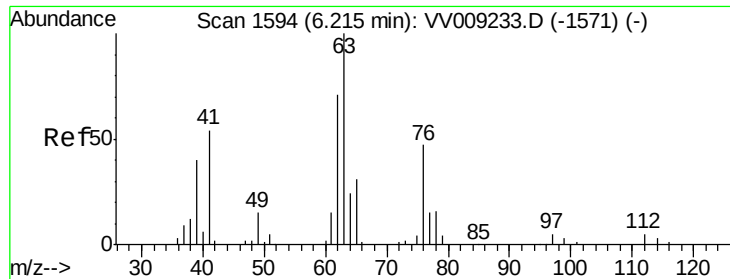
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009250.D (-1420) (-)

Ion 94.90 (94.60 to 95.60): VV009250.D (-1420) (-)





#45

1,2-Dichloropropane

Concen: 18.327 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV009250.D

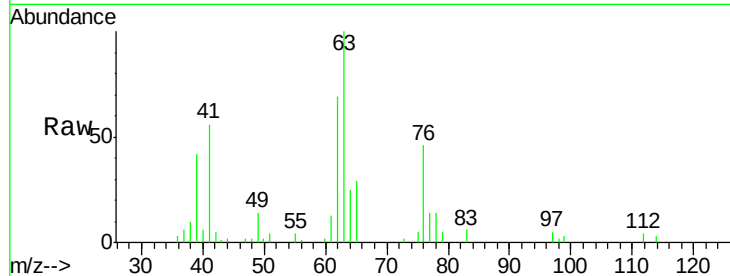
Acq: 23 Jan 2019 17:02

Tot Ion: 63 Resp: 17971

Ion Ratio Lower Upper

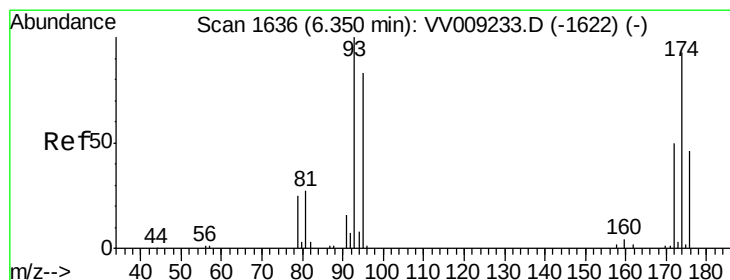
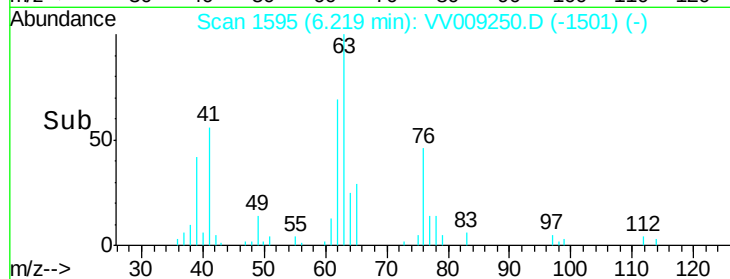
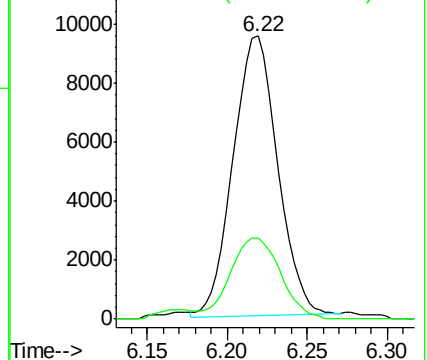
63 100

65 29.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 64.90 (64.60 to 65.60): VV0



#46

Dibromomethane

Concen: 22.051 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

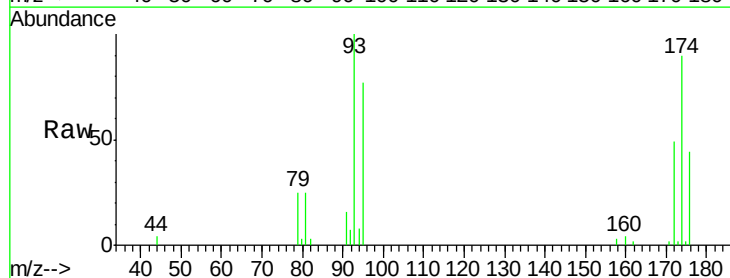
Tgt Ion: 93 Resp: 11095

Ion Ratio Lower Upper

93 100

95 82.6 64.6 97.0

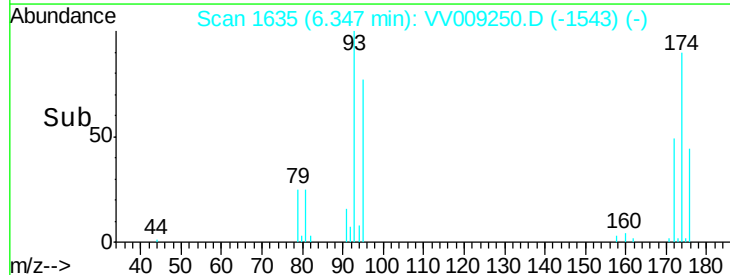
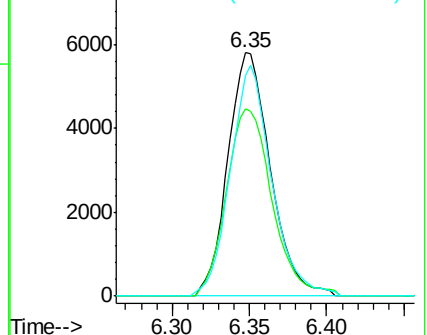
174 92.0 74.0 111.0

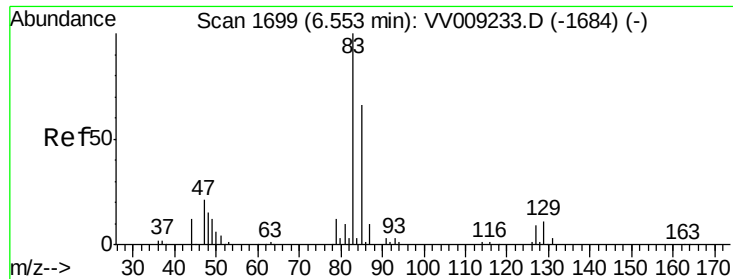


Abundance Ion 92.80 (92.50 to 93.50): VV0

Ion 94.80 (94.50 to 95.50): VV0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.005 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

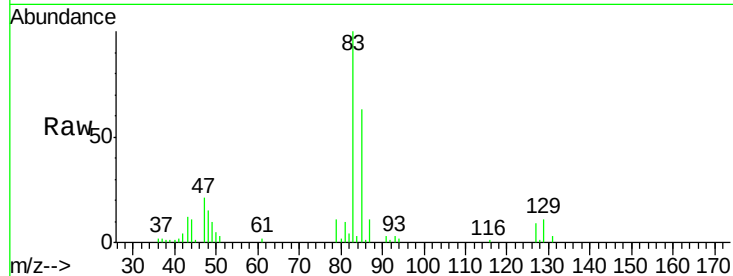
Tot Ion: 83 Resp: 25269

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

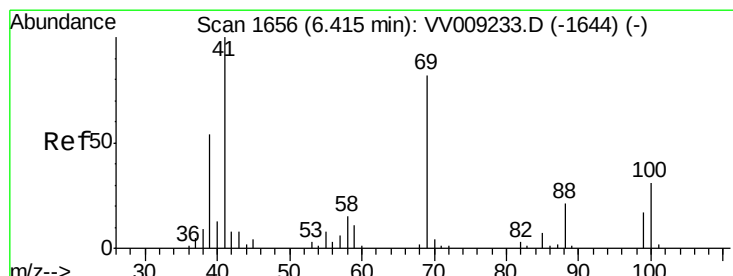
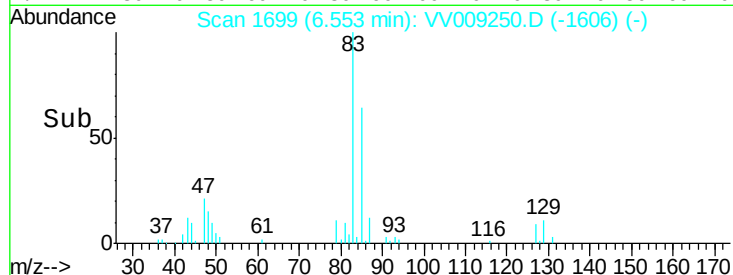
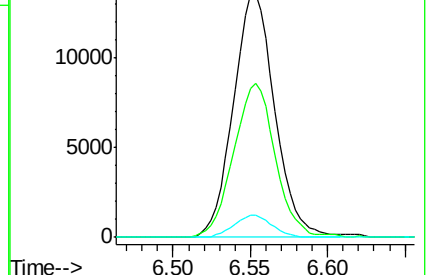
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009250.D (-1606) (-)

Ion 84.90 (84.60 to 85.60): VV009250.D (-1606) (-)

Ion 126.80 (126.50 to 127.50): VV009250.D (-1606) (-)



#48

Methyl methacrylate

Concen: 23.001 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

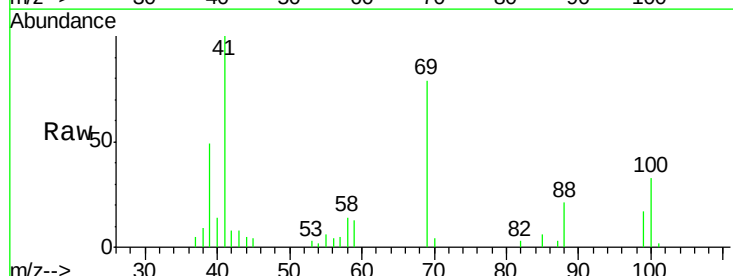
Tgt Ion: 41 Resp: 12932

Ion Ratio Lower Upper

41 100

69 76.2 65.8 98.6

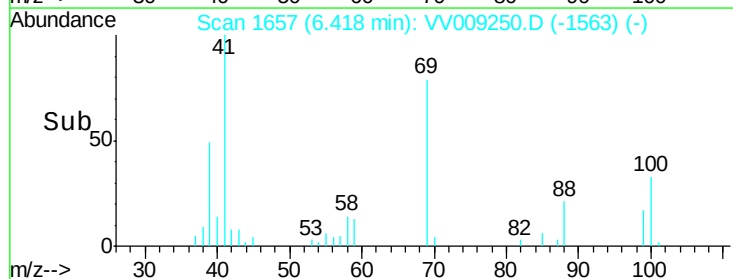
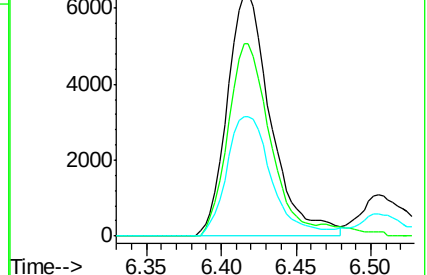
39 50.9 43.4 65.0

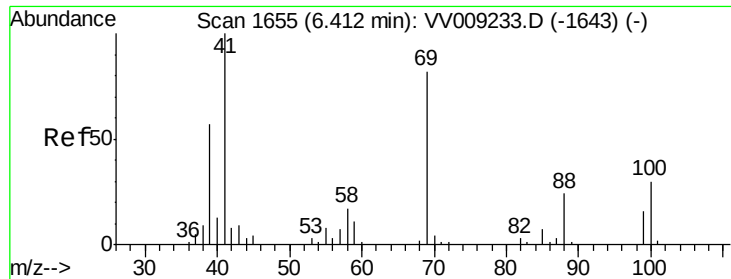


Abundance Ion 41.00 (40.70 to 41.70): VV009250.D (-1563) (-)

Ion 69.00 (68.70 to 69.70): VV009250.D (-1563) (-)

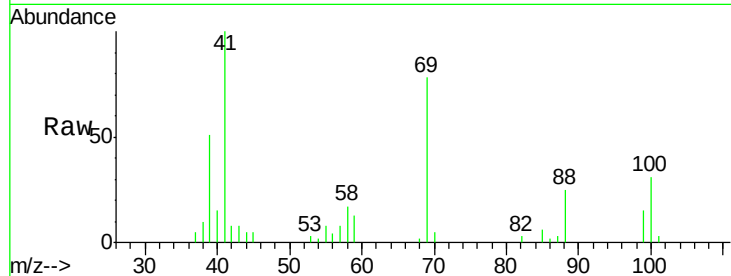
Ion 39.00 (38.70 to 39.70): VV009250.D (-1563) (-)



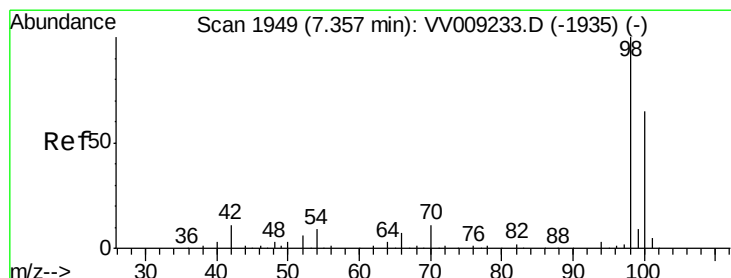
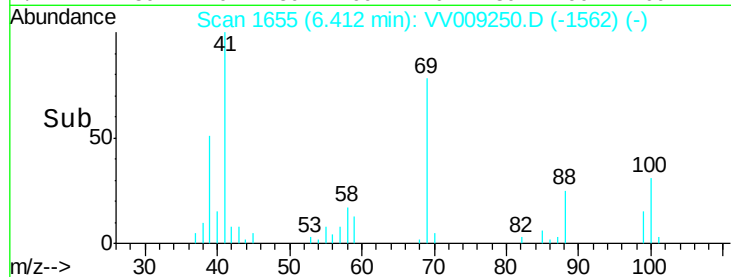
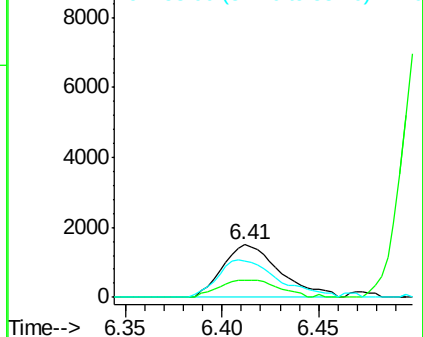


#49
1,4-Dioxane
Concen: 479.455 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion: 88 Resp: 3073
Ion Ratio Lower Upper
88 100
43 34.8 31.9 47.9
58 75.1 62.0 93.0

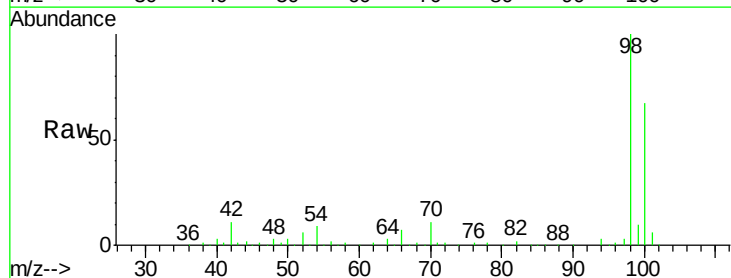


Abundance Ion 88.00 (87.70 to 88.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0

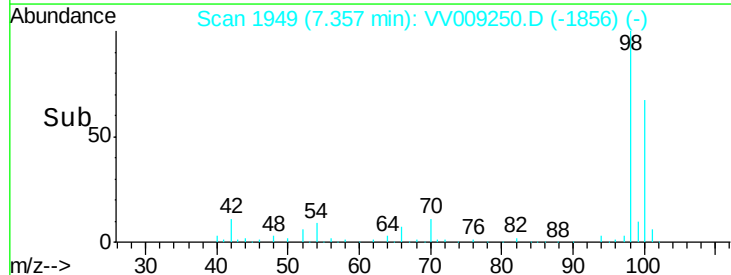
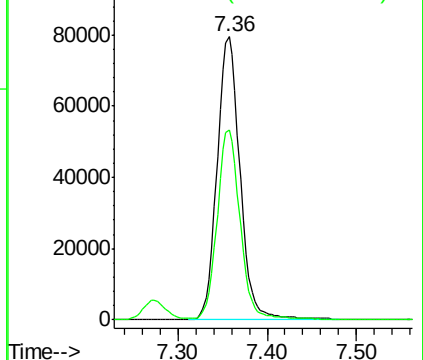


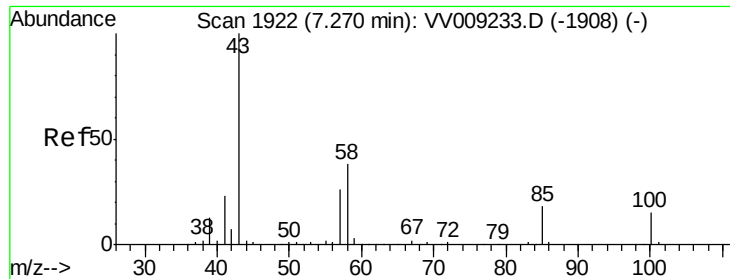
#50
Toluene-d8
Concen: 42.699 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 98 Resp: 141966
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#51

4-Methyl-2-Pentanone

Concen: 116.970 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009250.D

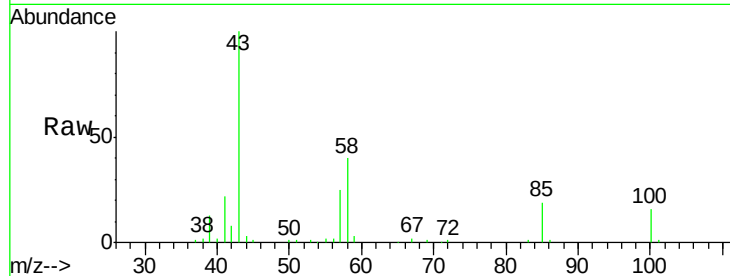
Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 65407

Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1908) (-)

7.27

30000

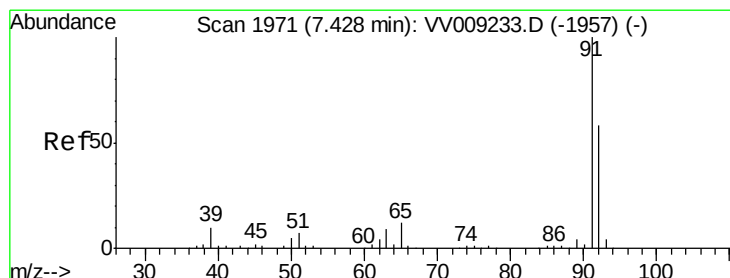
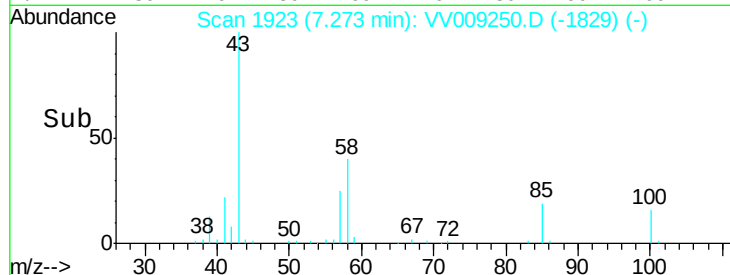
20000

10000

0

Time-->

7.20 7.25 7.30 7.35



#52

Toluene

Concen: 19.024 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009250.D

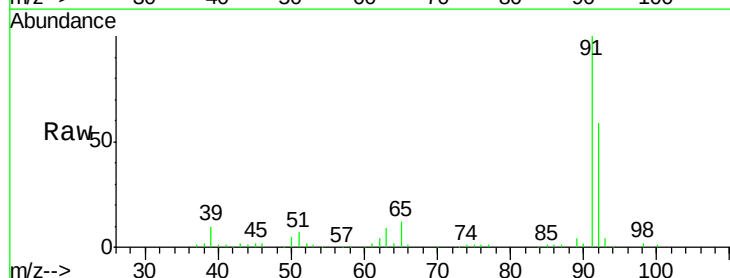
Acq: 23 Jan 2019 17:02

Tgt Ion: 92 Resp: 49058

Ion Ratio Lower Upper

92 100

91 171.4 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)

7.43

50000

40000

30000

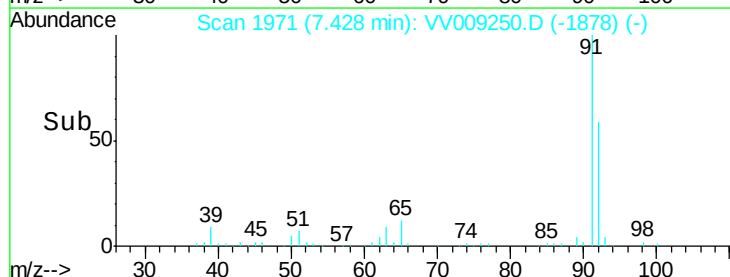
20000

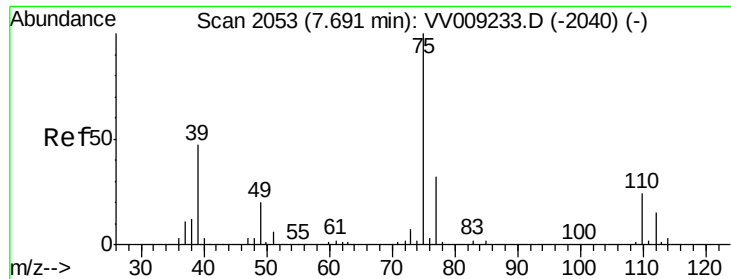
10000

0

Time-->

7.35 7.40 7.45 7.50 7.55





#53

t-1,3-Dichloropropene

Concen: 19.537 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009250.D

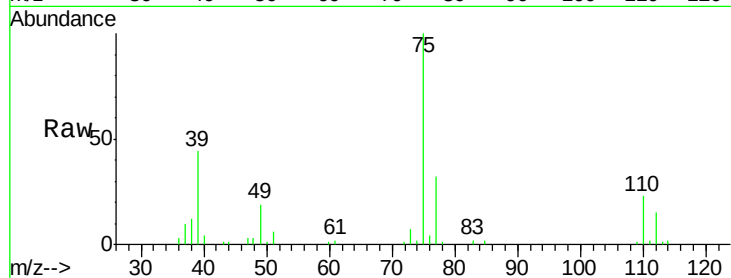
Acq: 23 Jan 2019 17:02

Tot Ion: 75 Resp: 25282

Ion Ratio Lower Upper

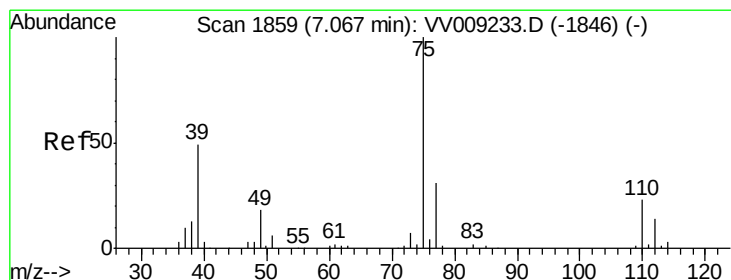
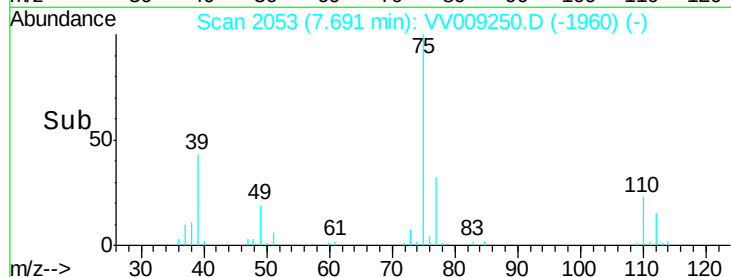
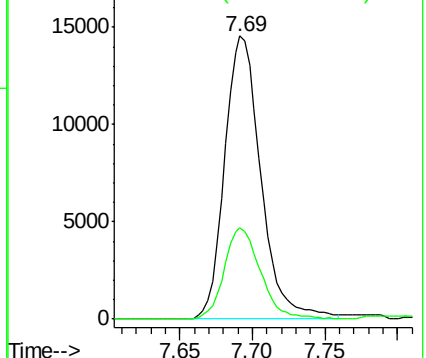
75 100

77 32.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



#54

cis-1,3-Dichloropropene

Concen: 19.433 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

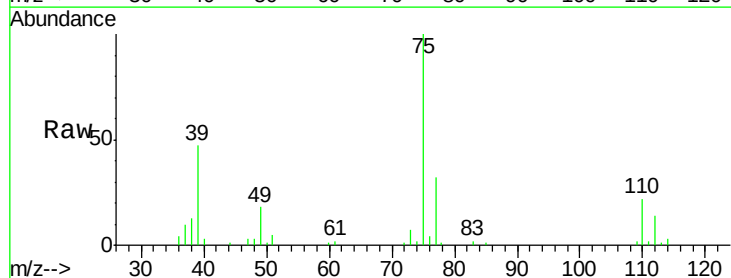
Tgt Ion: 75 Resp: 28957

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

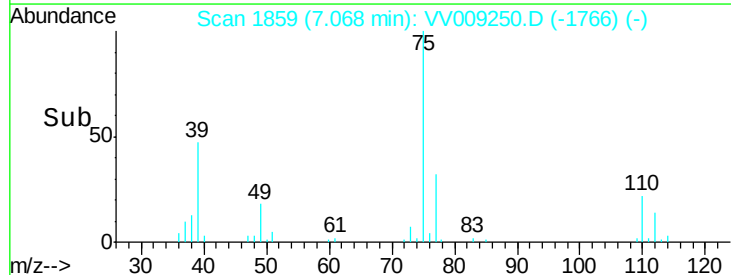
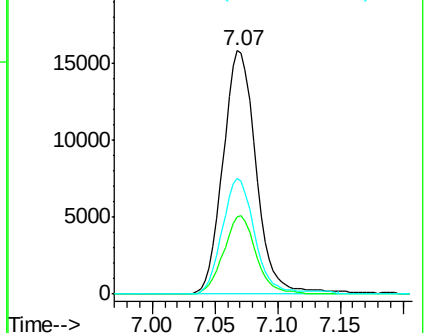
39 47.4 38.8 58.2

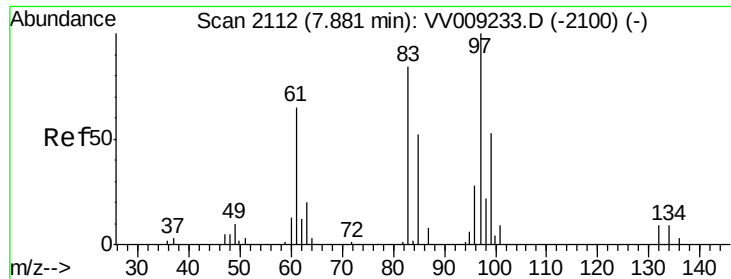


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

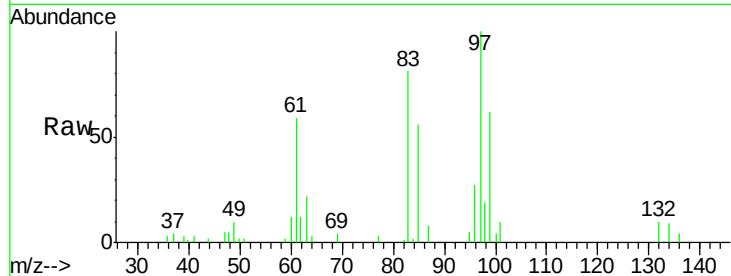
Ion 39.00 (38.70 to 39.70): VV0



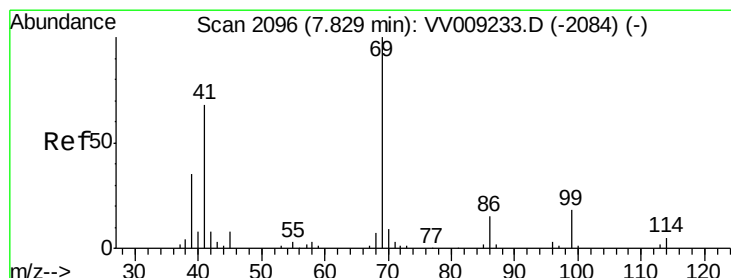
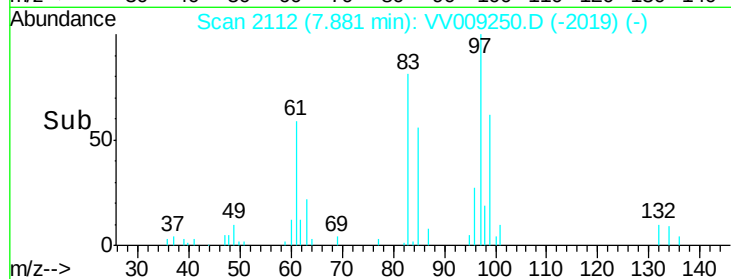
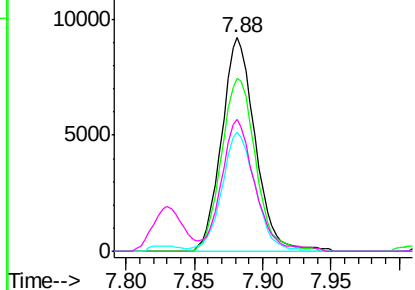


#55
 1,1,2-Trichloroethane
 Concen: 22.197 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tot Ion:	97	Resp:	15736
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.4	101.0
85	55.9	42.6	64.0
99	61.8	51.1	76.7

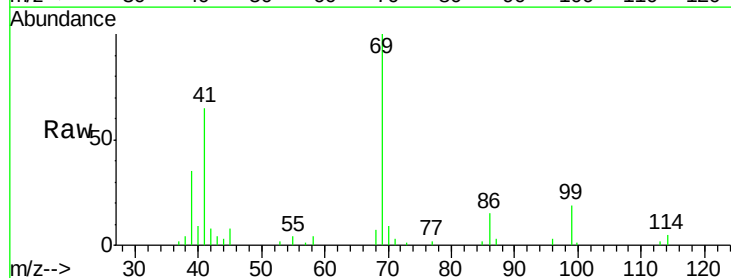


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

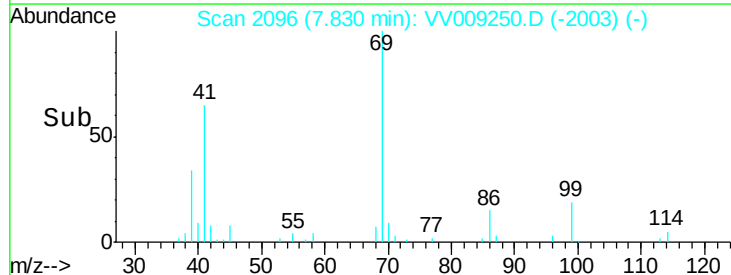
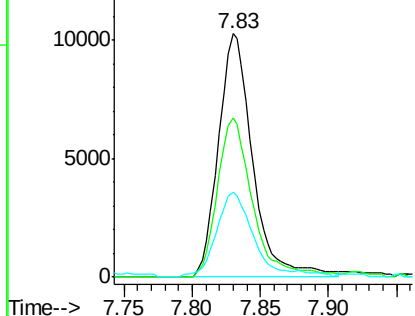


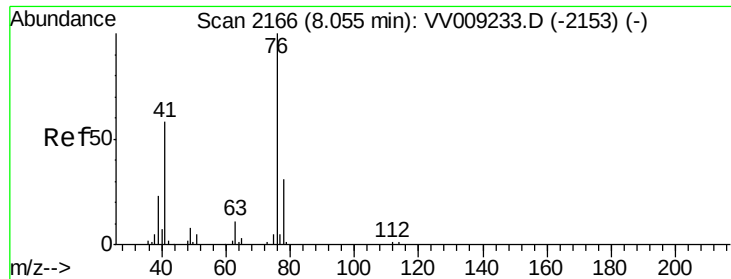
#56
 Ethyl methacrylate
 Concen: 21.730 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion:	69	Resp:	17948
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.0	81.0
39	38.2	26.8	40.2



Abundance Ion 69.00 (68.70 to 69.70): VV0
 Ion 41.00 (40.70 to 41.70): VV0
 Ion 39.00 (38.70 to 39.70): VV0





#57

1,3-Dichloropropane

Concen: 21.373 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009250.D

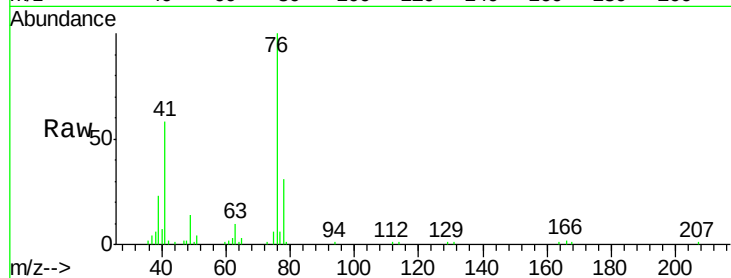
Acq: 23 Jan 2019 17:02

Tot Ion: 76 Resp: 27434

Ion Ratio Lower Upper

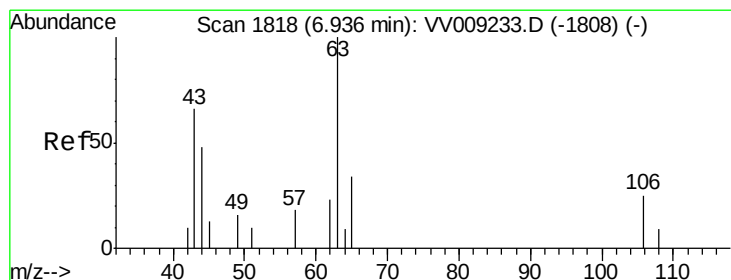
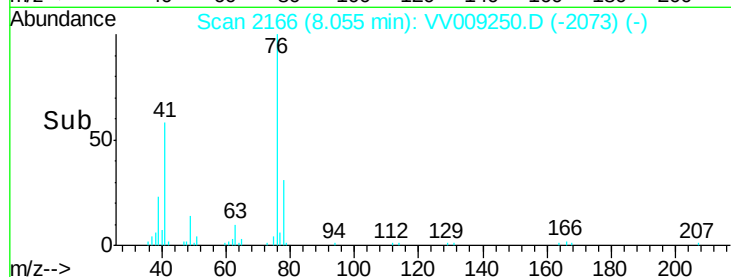
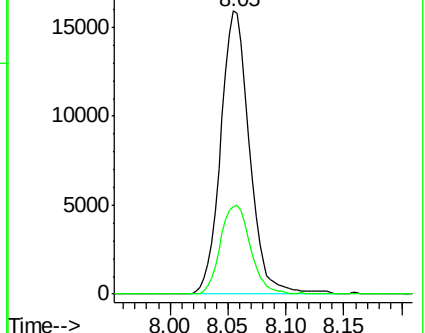
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-2153) (-)

Ion 77.90 (77.60 to 78.60): VV009250.D (-1725) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 43.309 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VV009250.D

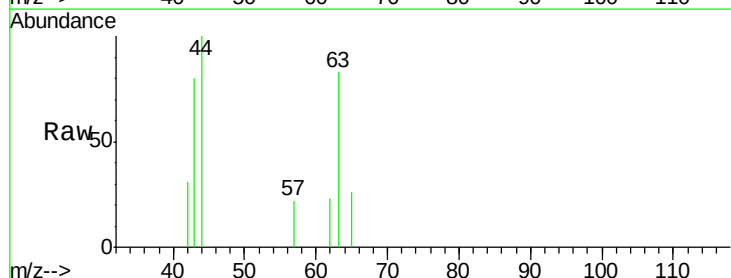
Acq: 23 Jan 2019 17:02

Tgt Ion: 63 Resp: 559

Ion Ratio Lower Upper

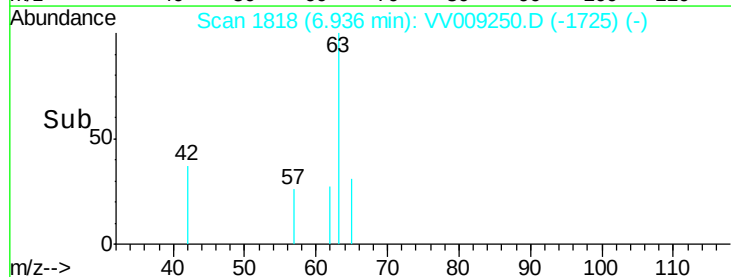
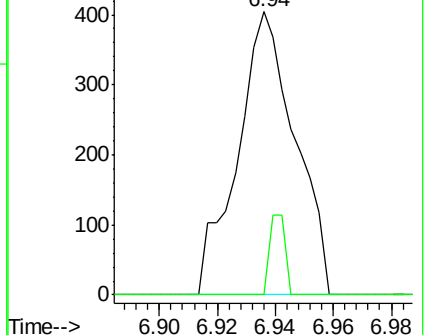
63 100

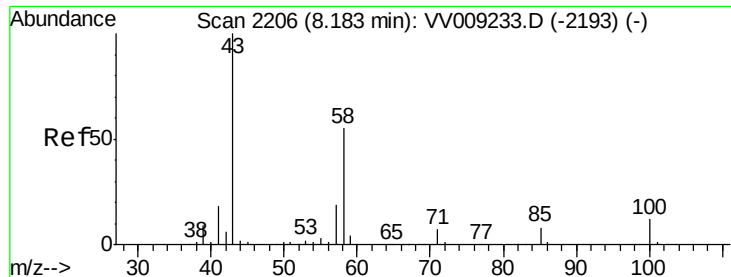
106 7.9 19.0 28.6#



Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-1808) (-)

Ion 105.90 (105.60 to 106.60): VV009250.D (-1725) (-)





#59

2-Hexanone

Concen: 122.806 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009250.D

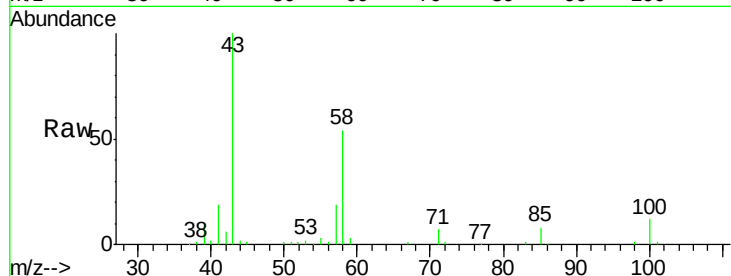
Acq: 23 Jan 2019 17:02

Tot Ion: 43 Resp: 49668

Ion Ratio Lower Upper

43 100

58 54.8 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-2113) (-)

Ion 58.00 (57.70 to 58.70): VV009250.D (-2113) (-)

8.18

30000

25000

20000

15000

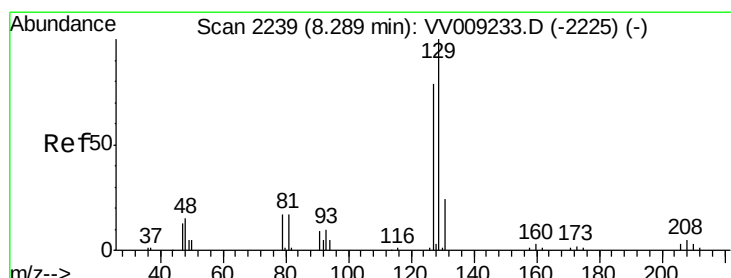
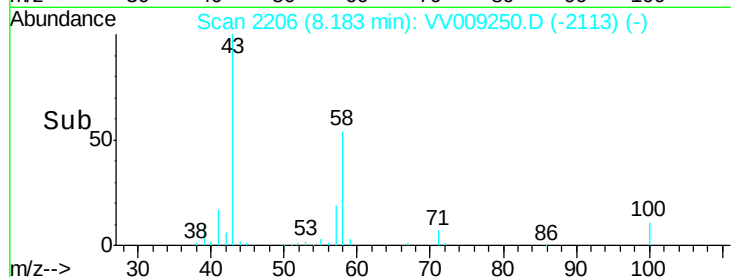
10000

5000

0

Time-->

8.10 8.15 8.20 8.25 8.30



#60

Dibromochloromethane

Concen: 20.577 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009250.D

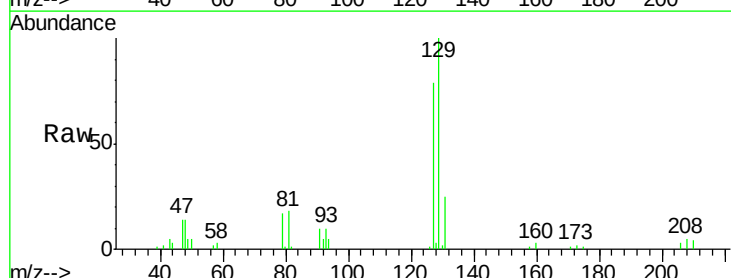
Acq: 23 Jan 2019 17:02

Tgt Ion: 129 Resp: 17080

Ion Ratio Lower Upper

129 100

127 75.9 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VV009250.D (-2146) (-)

Ion 126.80 (126.50 to 127.50): VV009250.D (-2146) (-)

8.29

10000

8000

6000

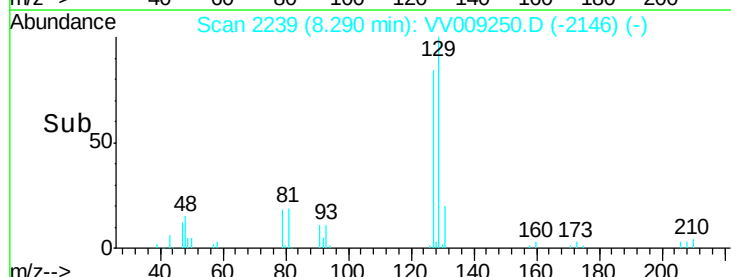
4000

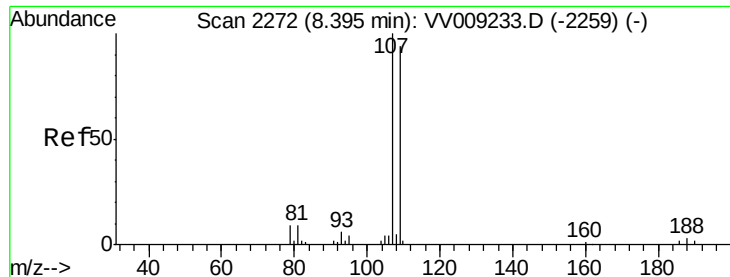
2000

0

Time-->

8.25 8.30 8.35





#61

1,2-Dibromoethane

Concen: 21.586 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009250.D

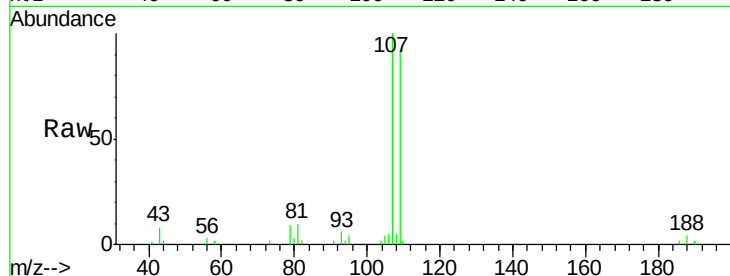
Acq: 23 Jan 2019 17:02

Tot Ion: 107 Resp: 14965

Ion Ratio Lower Upper

107 100

109 93.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.40

10000

8000

6000

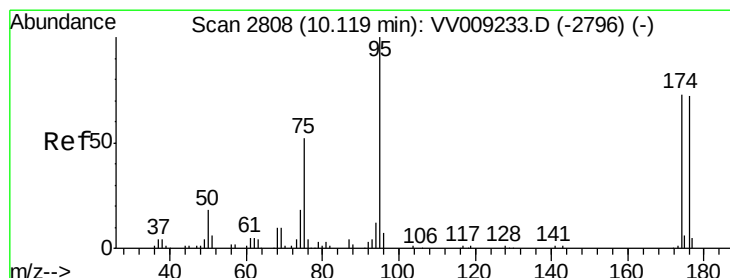
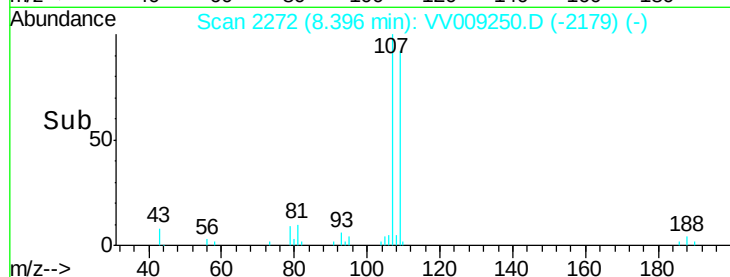
4000

2000

0

Time-->

8.35 8.40 8.45



#62

4-Bromofluorobenzene

Concen: 43.452 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

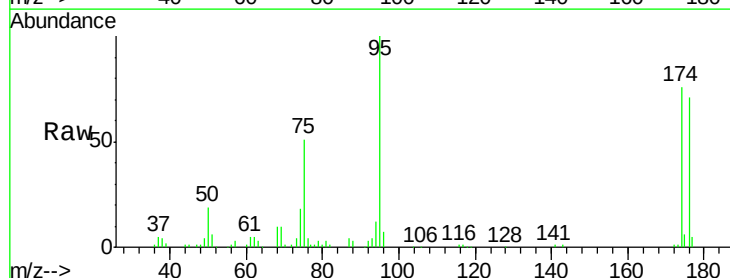
Tgt Ion: 95 Resp: 54438

Ion Ratio Lower Upper

95 100

174 73.5 0.0 148.2

176 72.0 0.0 143.0



Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

30000

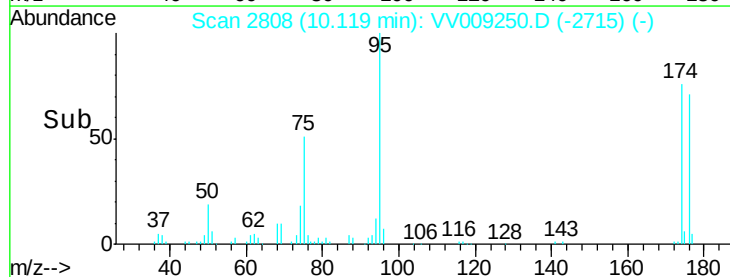
20000

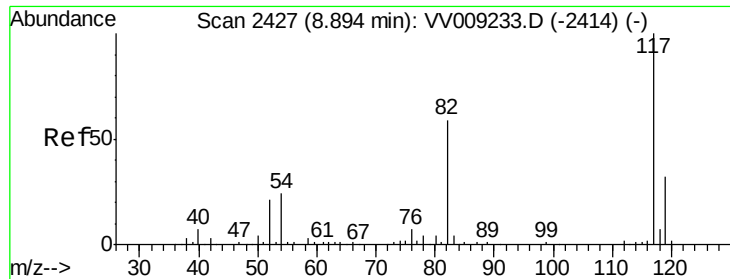
10000

0

Time-->

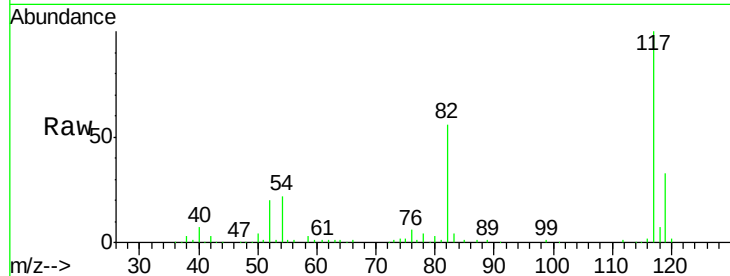
10.10 10.12 10.20



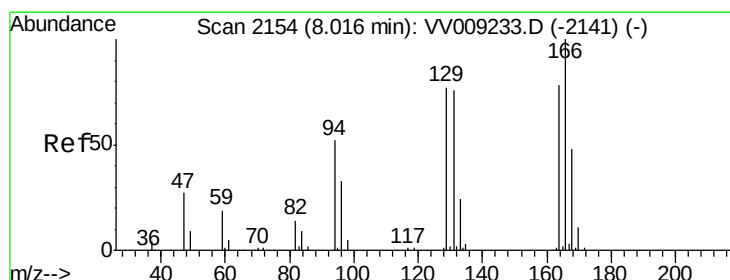
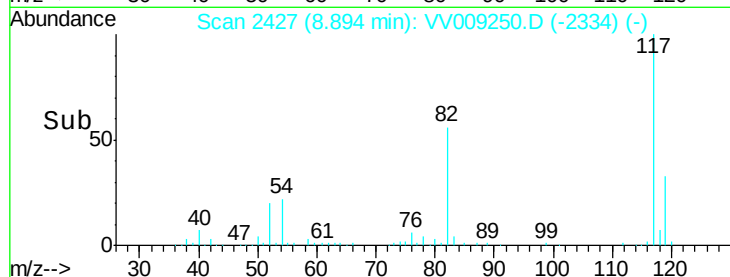
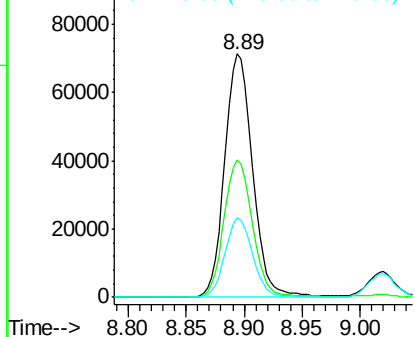


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion:117 Resp: 119014
Ion Ratio Lower Upper
117 100
82 56.5 47.0 70.6
119 32.6 25.4 38.2

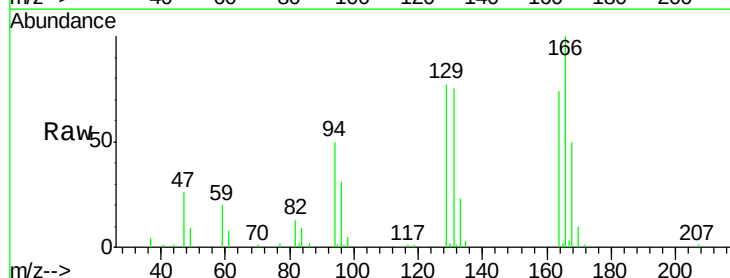


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

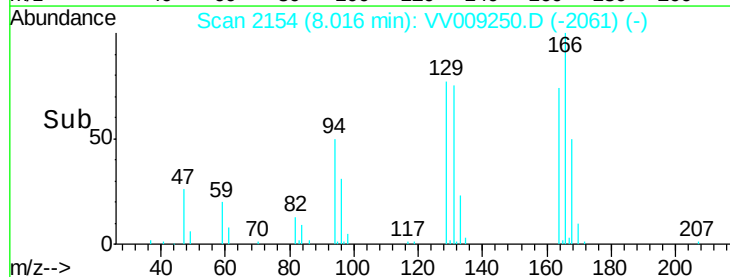
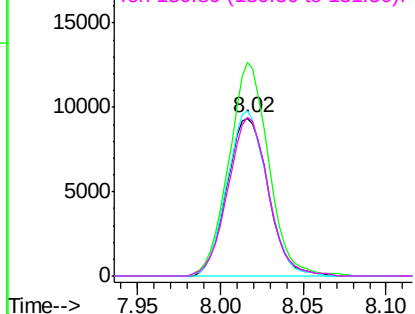


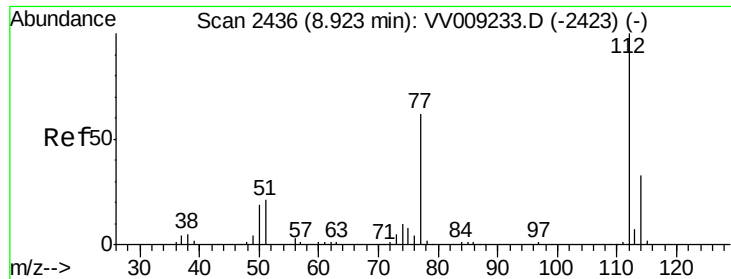
#64
Tetrachloroethene
Concen: 19.182 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion:164 Resp: 16246
Ion Ratio Lower Upper
164 100
166 135.3 102.1 153.1
129 104.8 78.1 117.1
131 100.9 78.0 117.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.337 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV009250.D

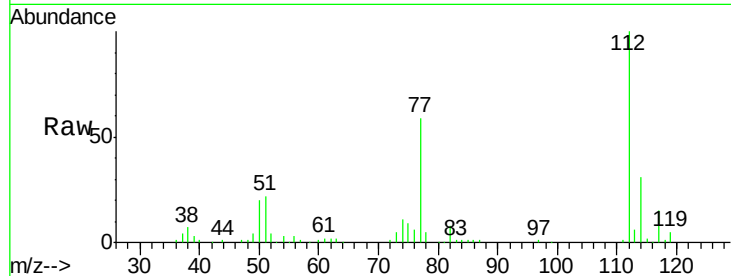
Acq: 23 Jan 2019 17:02

Tot Ion:112 Resp: 53540

Ion Ratio Lower Upper

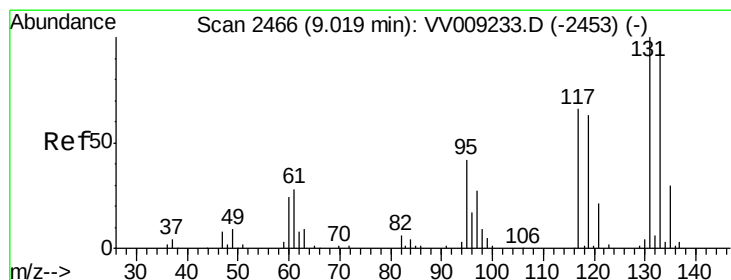
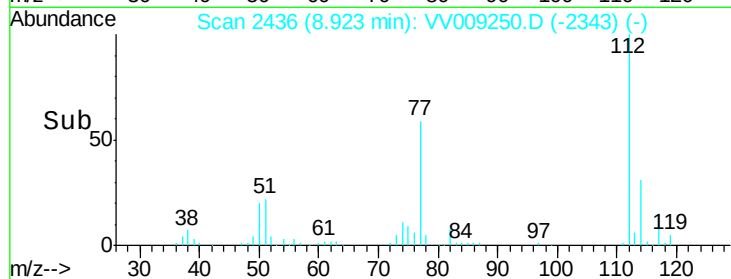
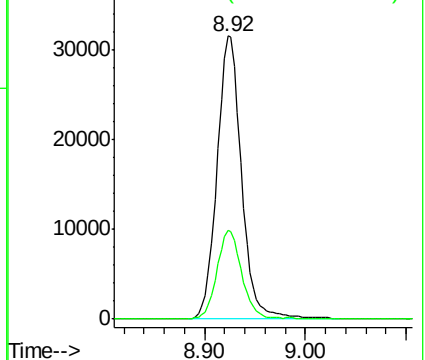
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.561 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

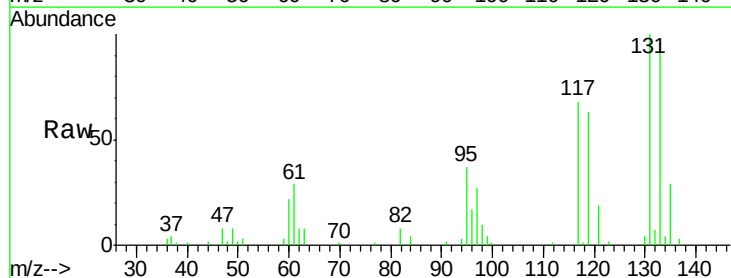
Tgt Ion:131 Resp: 18510

Ion Ratio Lower Upper

131 100

133 94.6 48.3 144.9

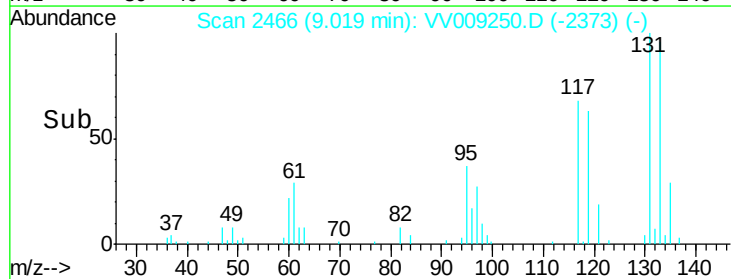
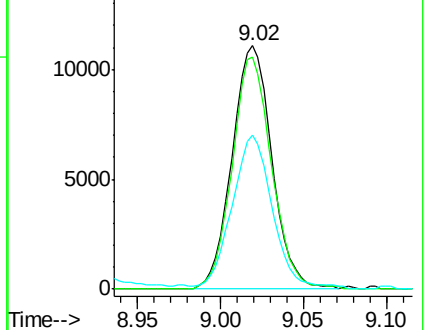
119 64.2 31.2 93.6

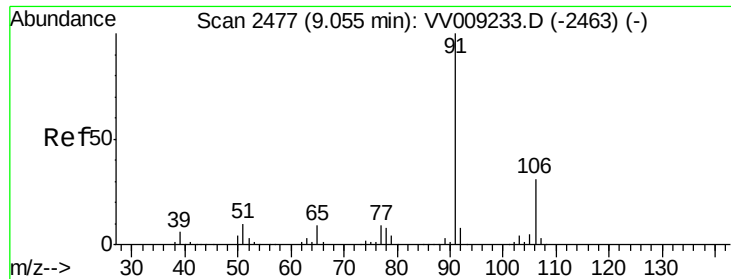


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

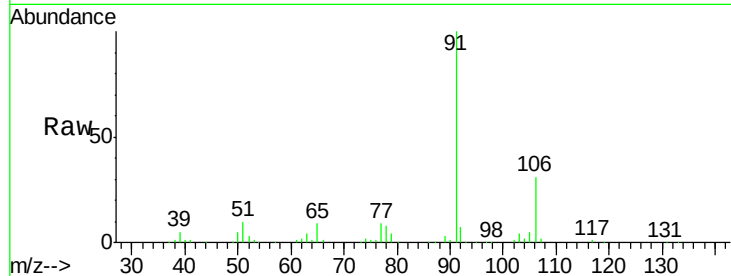
Ion 118.80 (118.50 to 119.50): V



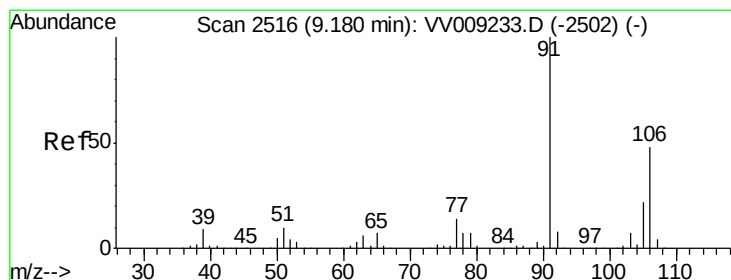
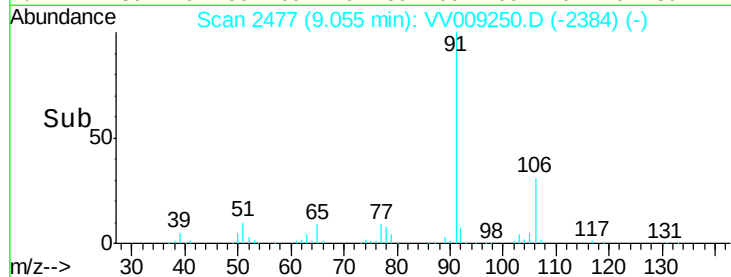
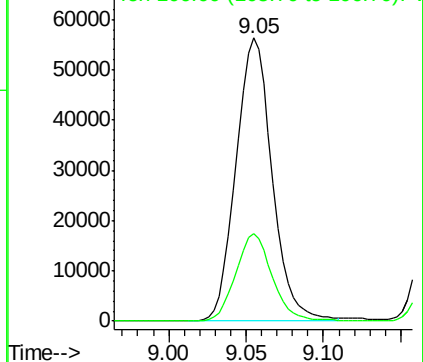


#67
Ethyl Benzene
Concen: 18.549 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion: 91 Resp: 91495
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

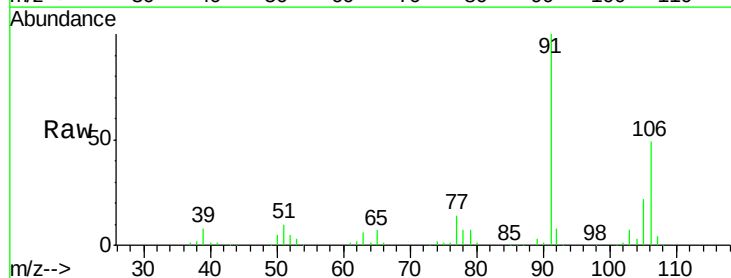


Abundance Ion 91.00 (90.70 to 91.70): VV009250.D (-2384) (-)
Ion 106.00 (105.70 to 106.70): VV009250.D (-2384) (-)

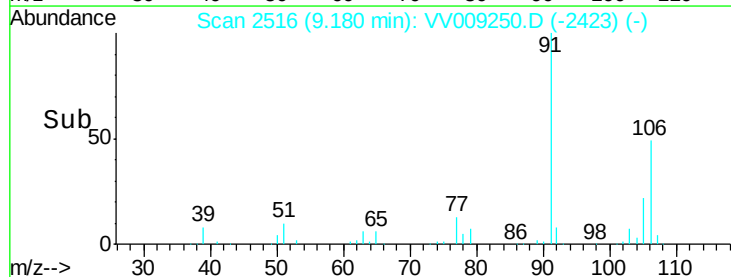
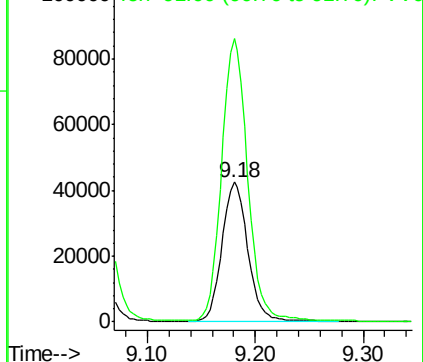


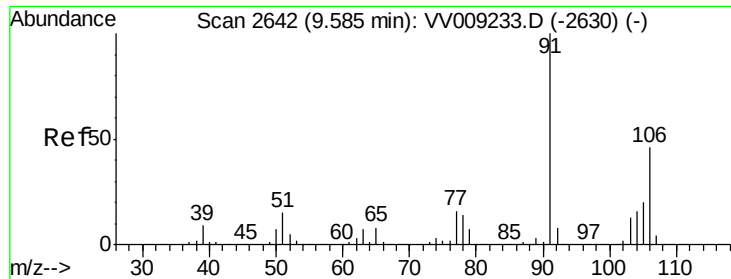
#68
m/p-Xylenes
Concen: 37.952 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 106 Resp: 71070
Ion Ratio Lower Upper
106 100
91 201.0 167.1 250.7



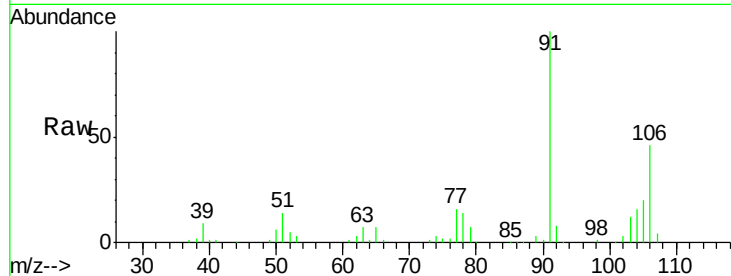
Abundance Ion 106.00 (105.70 to 106.70): VV009250.D (-2423) (-)
Ion 91.00 (90.70 to 91.70): VV009250.D (-2423) (-)



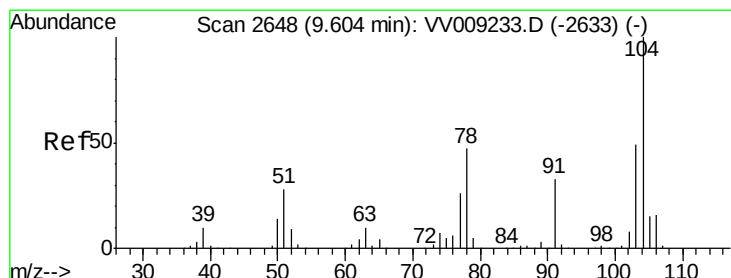
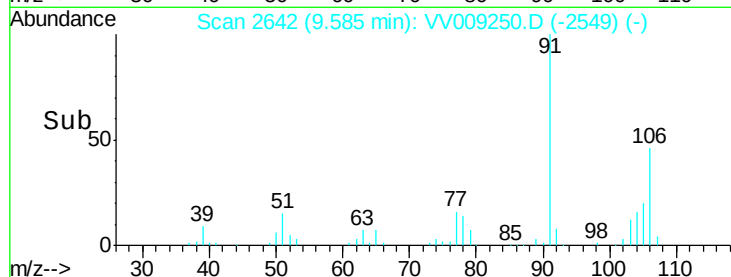
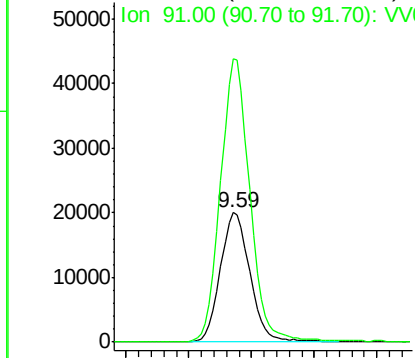


#69
o-Xylene
Concen: 18.972 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion:106 Resp: 32938
Ion Ratio Lower Upper
106 100
91 216.4 109.3 327.8

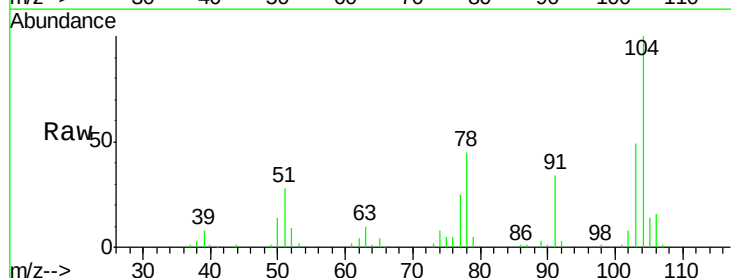


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

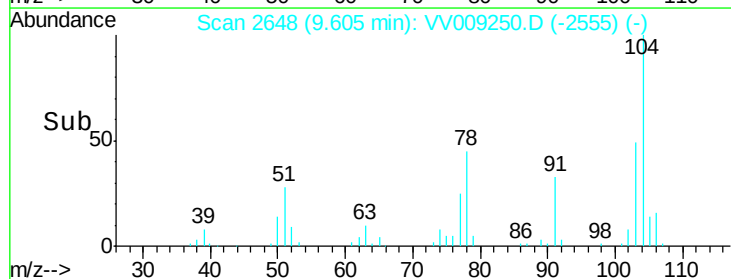
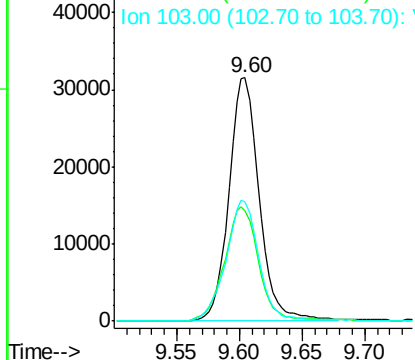


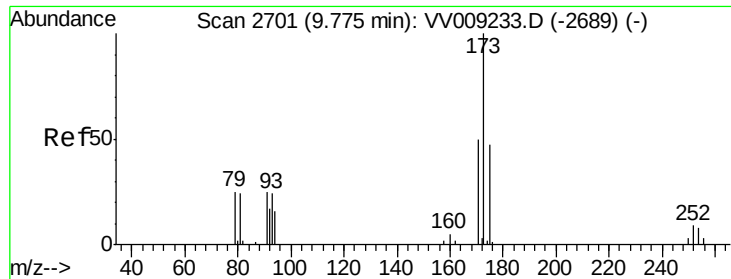
#70
Styrene
Concen: 19.135 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion:104 Resp: 53020
Ion Ratio Lower Upper
104 100
78 53.0 43.1 64.7
103 54.1 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.455 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

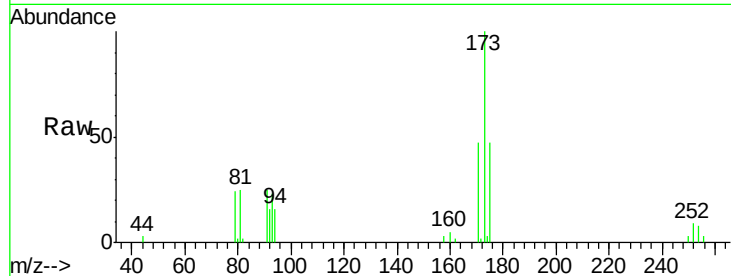
Tot Ion:173 Resp: 10020

Ion	Ratio	Lower	Upper
173	100		
175	44.9	23.4	70.0
254	0.0	0.0	0.0

173 100

175 44.9 23.4 70.0

254 0.0 0.0 0.0

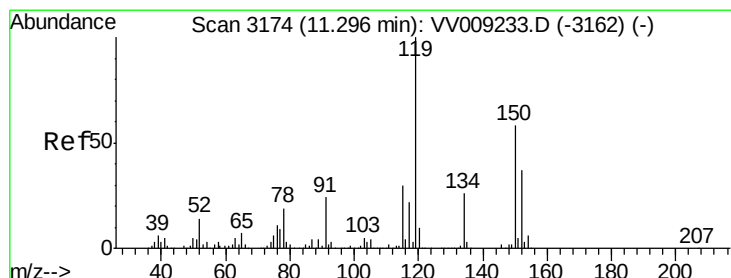
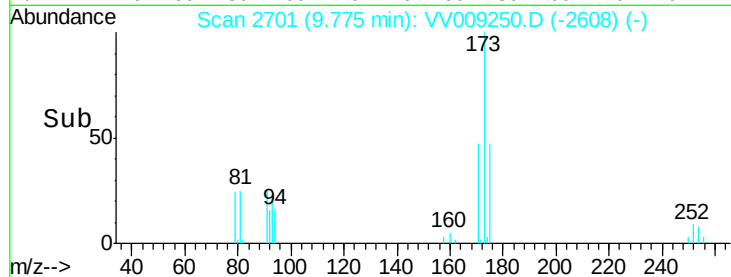
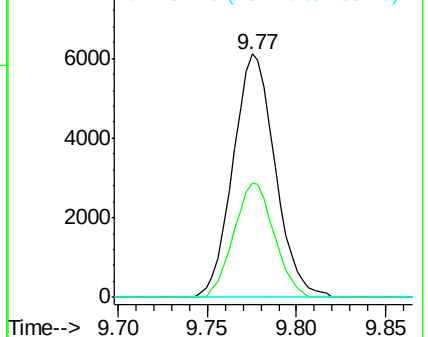


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

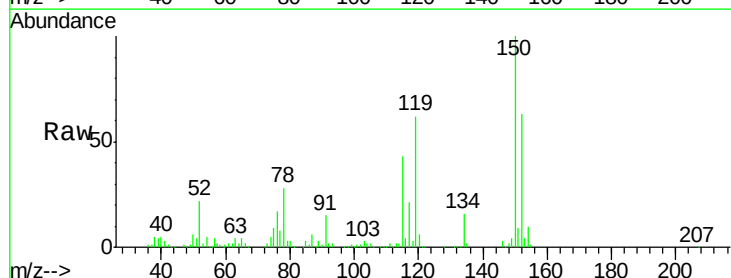
Tgt Ion:152 Resp: 61229

Ion	Ratio	Lower	Upper
152	100		
115	71.5	45.0	134.8
150	165.5	0.0	346.4

152 100

115 71.5 45.0 134.8

150 165.5 0.0 346.4

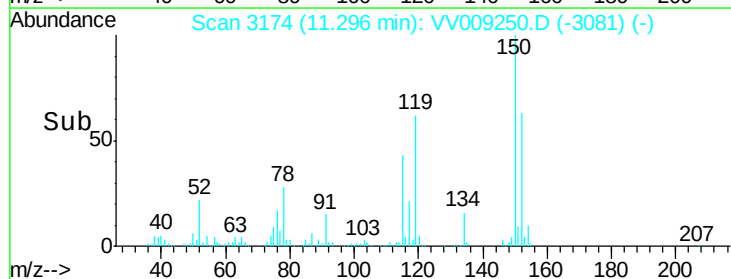
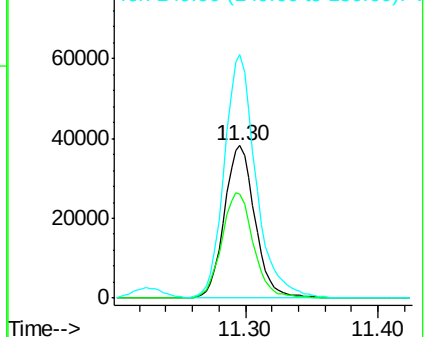


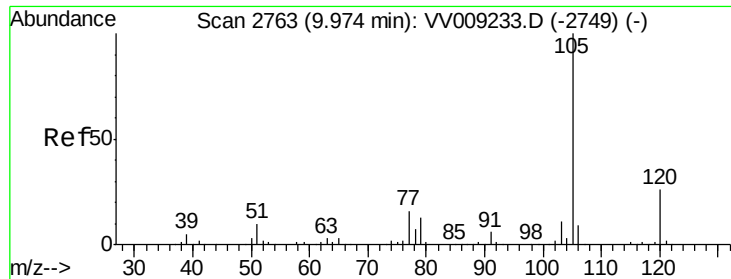
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.323 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009250.D

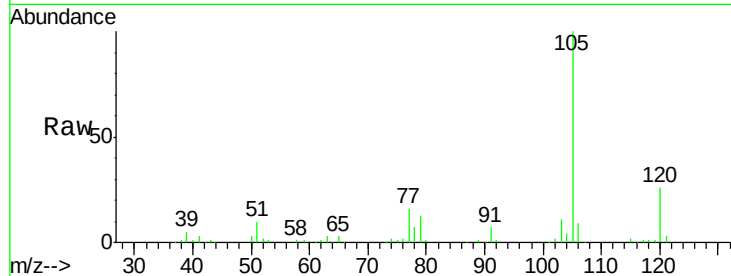
Acq: 23 Jan 2019 17:02

Tot Ion:105 Resp: 92645

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

40000

20000

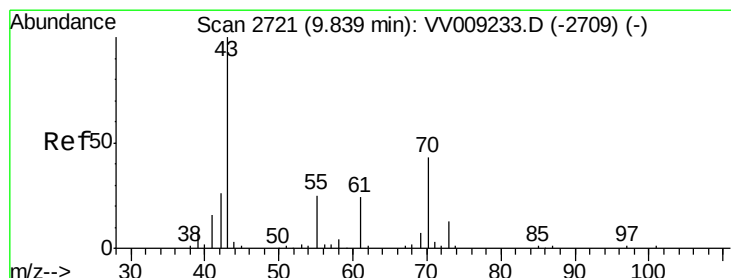
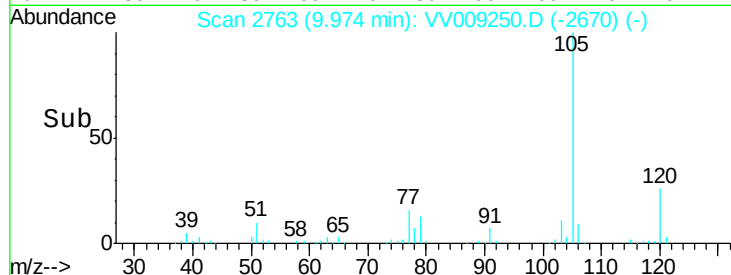
0

Time-->

9.90

9.97

10.00



#74

N-ethyl acetate

Concen: 23.371 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 21851

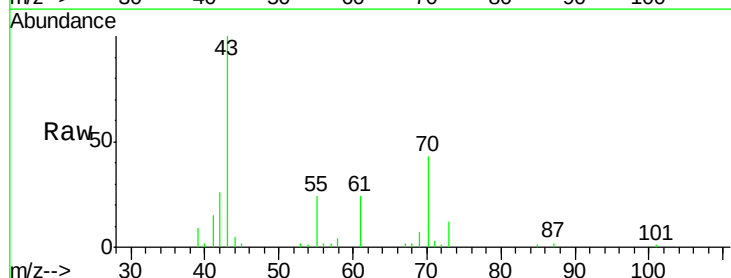
Ion Ratio Lower Upper

43 100

70 41.4 33.0 49.6

55 23.7 18.7 28.1

61 21.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

15000

10000

5000

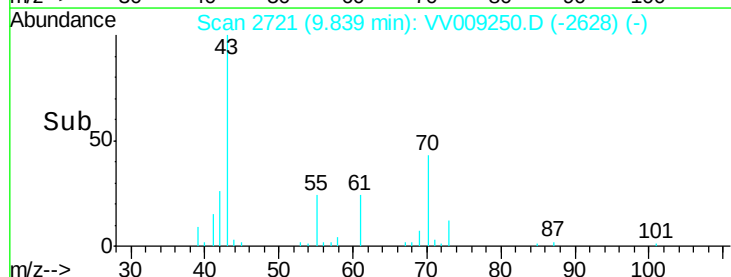
0

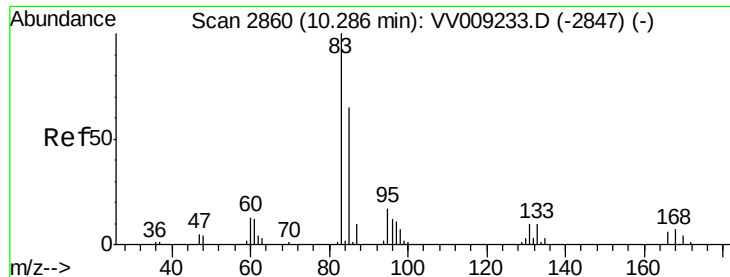
Time-->

9.80

9.84

9.90





#75

1,1,2,2-Tetrachloroethane

Concen: 22.909 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

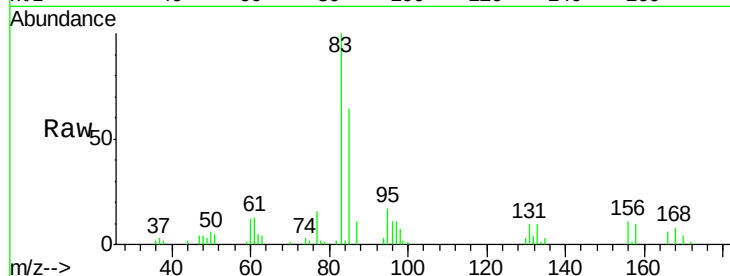
Tot Ion: 83 Resp: 19527

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

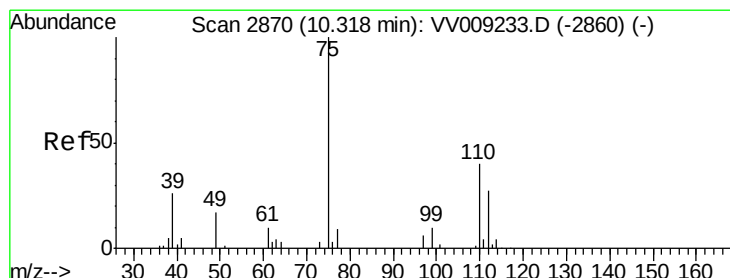
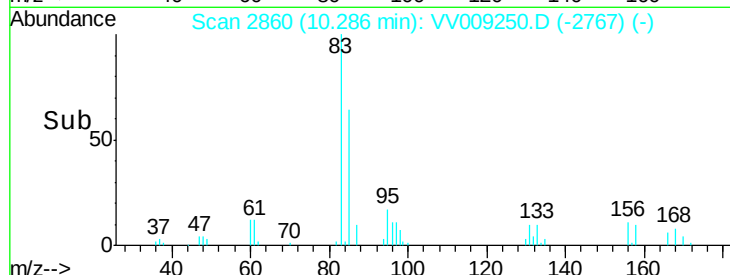
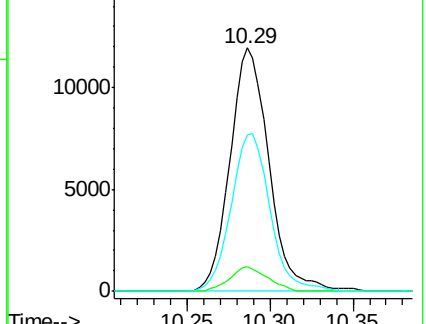
85 64.5 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VV0

Ion 130.80 (130.50 to 131.50): VV0

Ion 84.90 (84.60 to 85.60): VV0



#76

1,2,3-Trichloropropane

Concen: 24.043 ug/l

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV009250.D

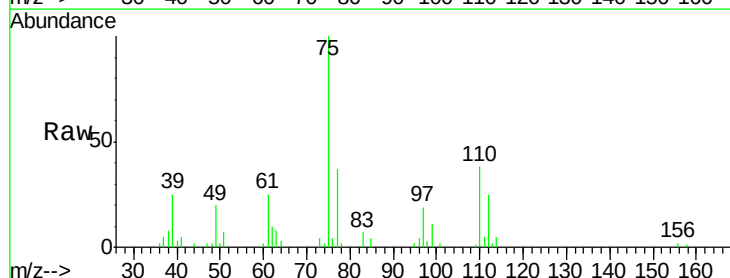
Acq: 23 Jan 2019 17:02

Tgt Ion: 75 Resp: 16117

Ion Ratio Lower Upper

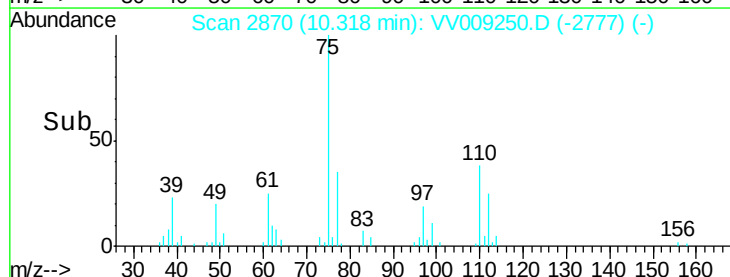
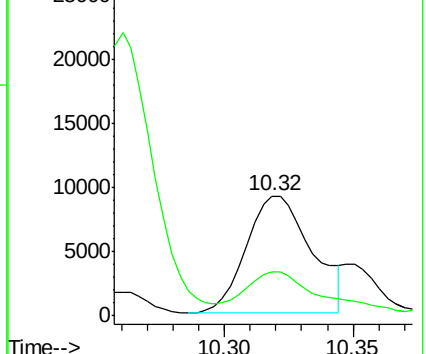
75 100

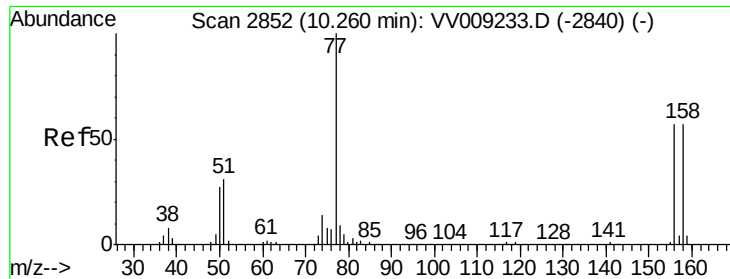
77 47.0 24.6 73.8



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 77.00 (76.70 to 77.70): VV0





#77

Bromobenzene

Concen: 19.833 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

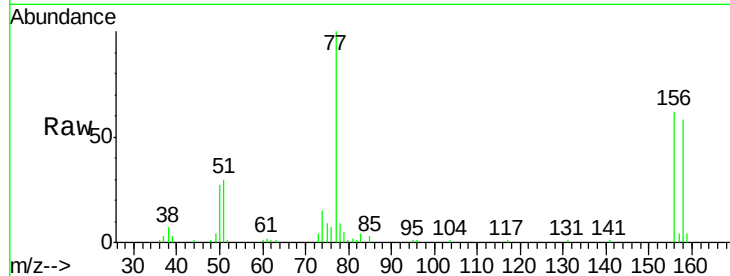
Tot Ion:156 Resp: 21449

Ion Ratio Lower Upper

156 100

77 164.4 86.0 258.0

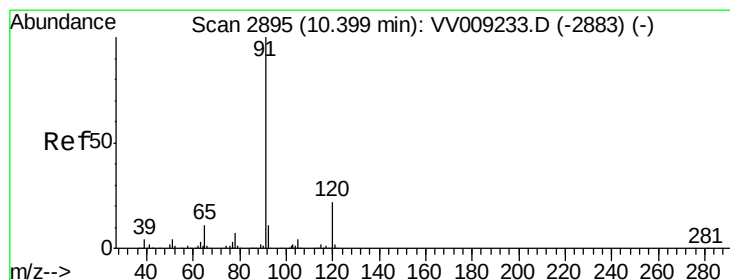
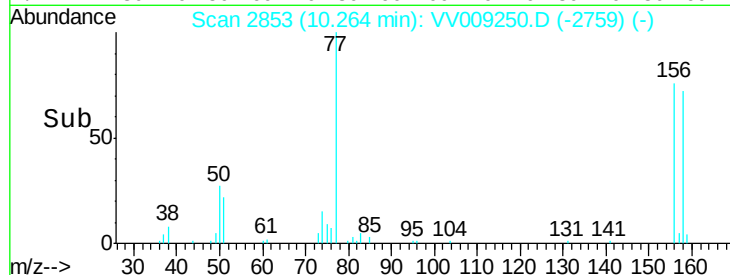
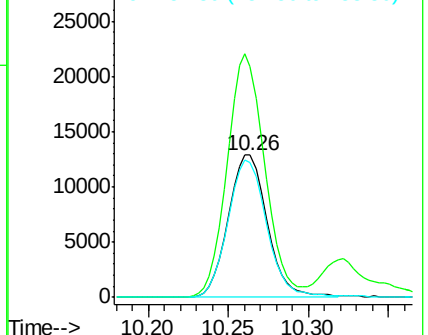
158 96.0 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.444 ug/l

RT: 10.40 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VV009250.D

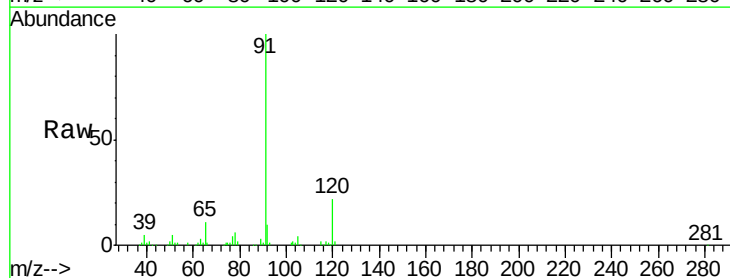
Acq: 23 Jan 2019 17:02

Tgt Ion: 91 Resp: 110554

Ion Ratio Lower Upper

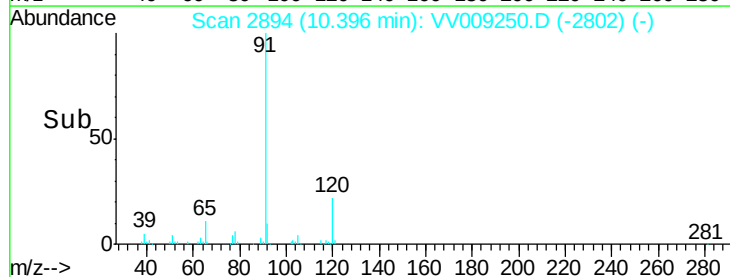
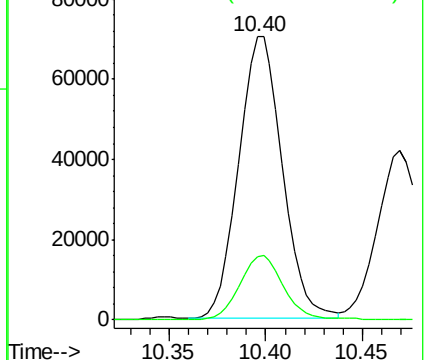
91 100

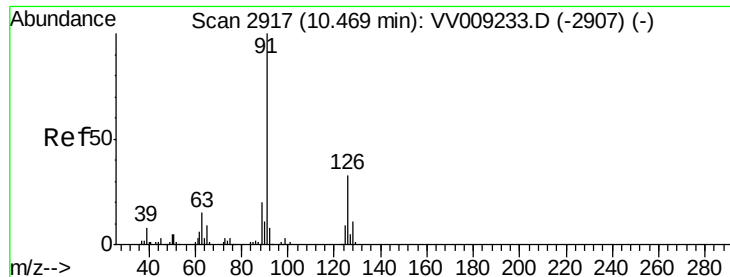
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

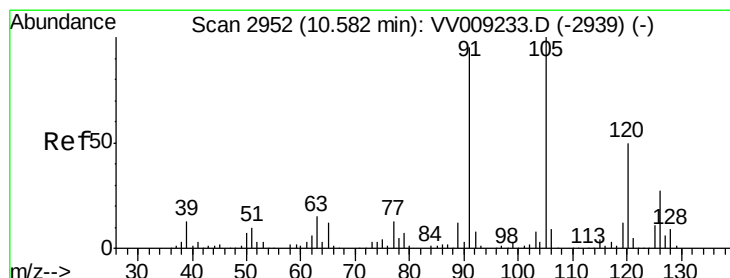
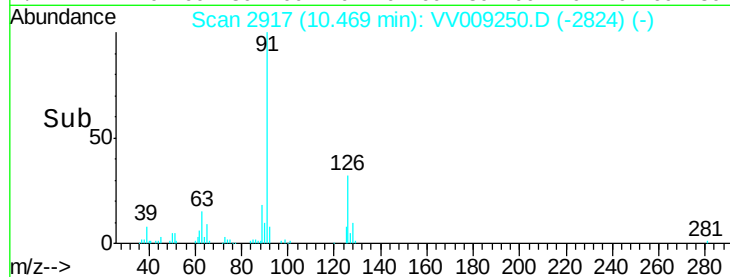
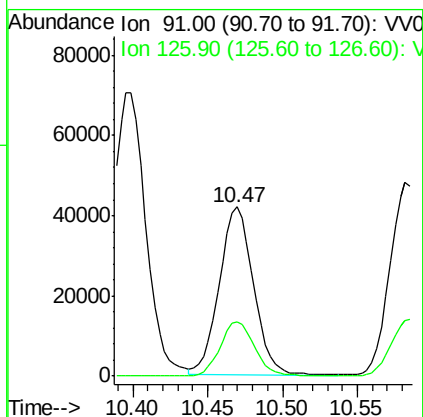
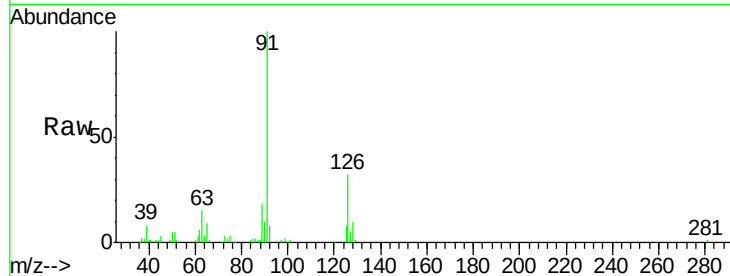
Ion 120.00 (119.70 to 120.70): V





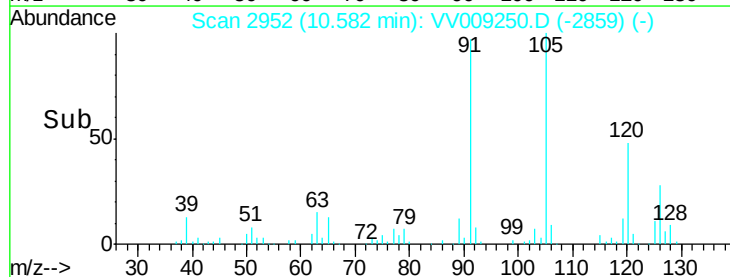
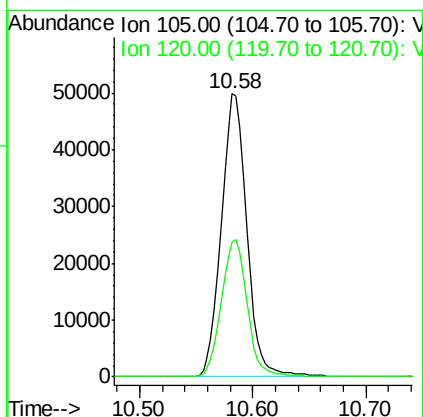
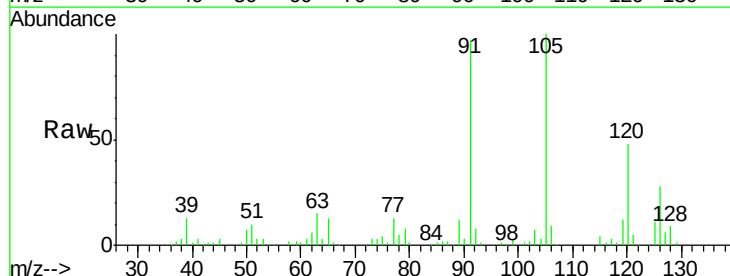
#79
 2-Chlorotoluene
 Concen: 18.530 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

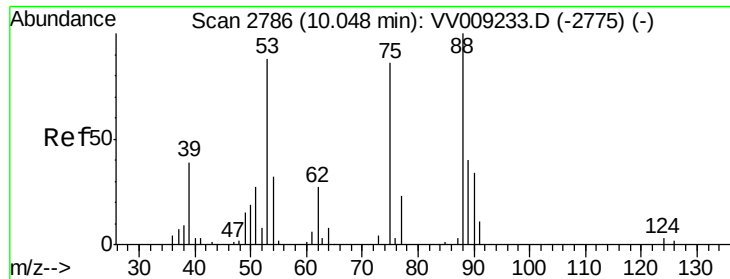
Tot Ion: 91 Resp: 67016
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.526 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion: 105 Resp: 78557
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.340 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

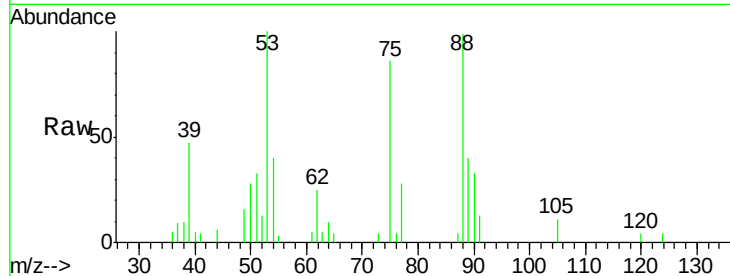
Tot Ion: 75 Resp: 5055

Ion Ratio Lower Upper

75 100

53 113.9 82.1 123.1

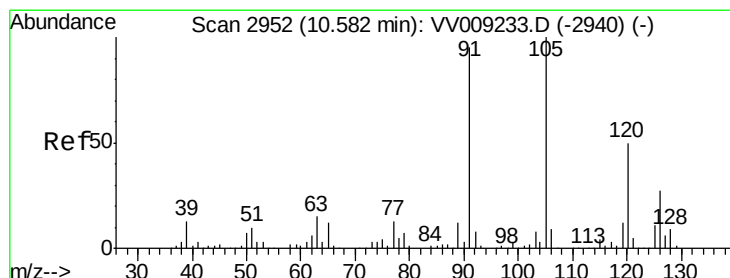
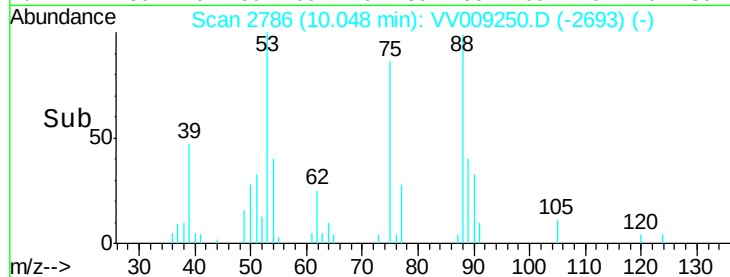
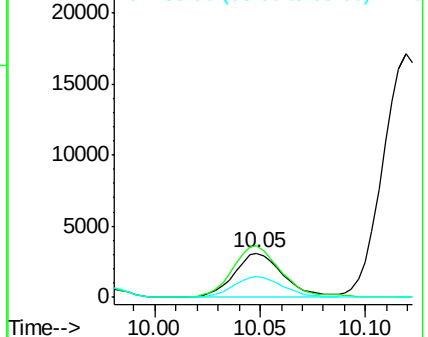
89 46.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV009250.D (-2693) (-)

Ion 53.00 (52.70 to 53.70): VV009250.D (-2693) (-)

Ion 88.90 (88.60 to 89.60): VV009250.D (-2693) (-)



#82

4-Chlorotoluene

Concen: 18.534 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009250.D

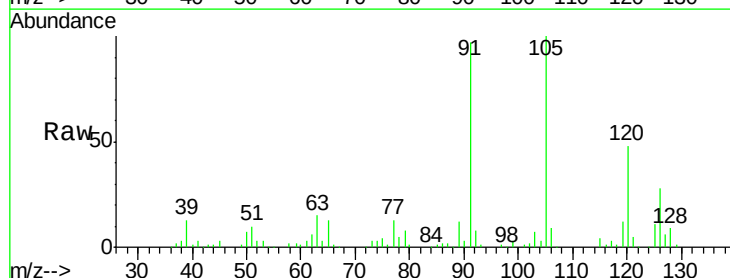
Acq: 23 Jan 2019 17:02

Tgt Ion: 91 Resp: 78949

Ion Ratio Lower Upper

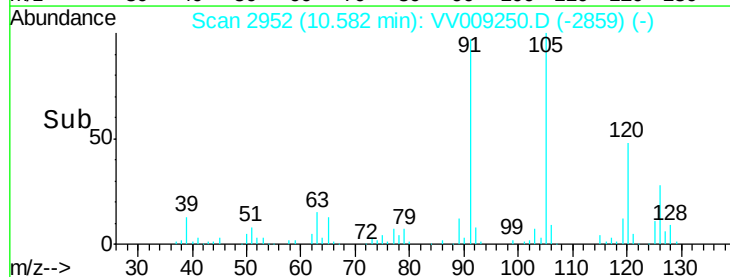
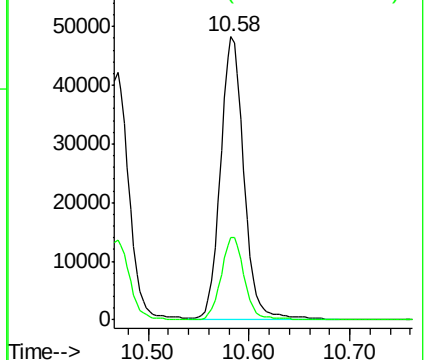
91 100

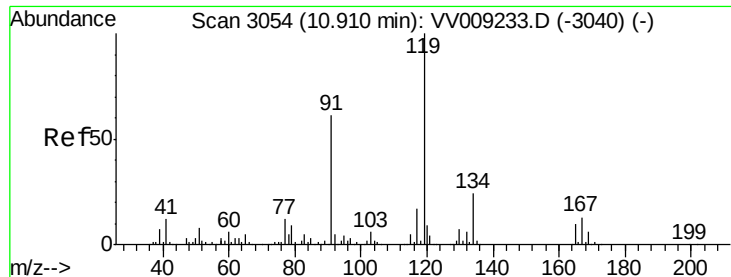
126 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV009250.D (-2859) (-)

Ion 125.90 (125.60 to 126.60): VV009250.D (-2859) (-)





#83

tert-Butylbenzene

Concen: 18.649 ug/l

RT: 10.91 min Scan# 3054

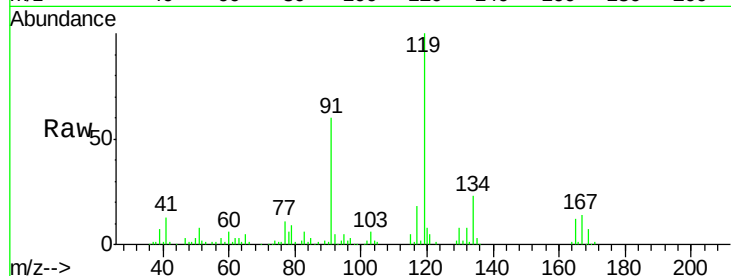
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion:119 Resp: 75299

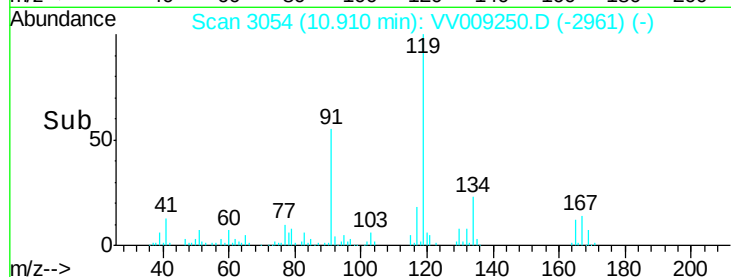
Ion	Ratio	Lower	Upper
119	100		
91	58.6	30.0	90.1
134	23.4	11.9	35.7



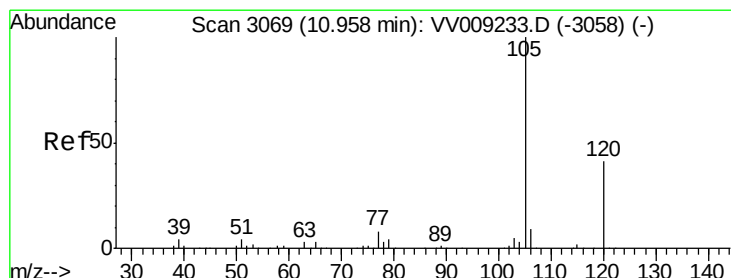
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 18.590 ug/l

RT: 10.96 min Scan# 3069

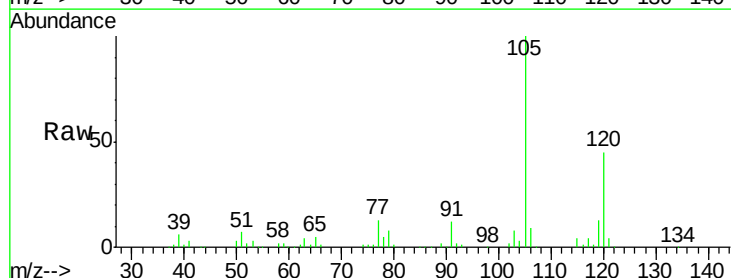
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

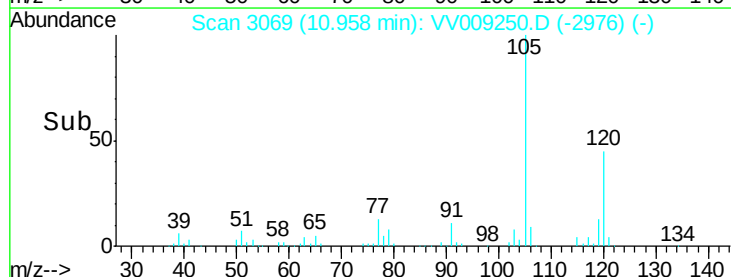
Tgt Ion:105 Resp: 79520

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.7

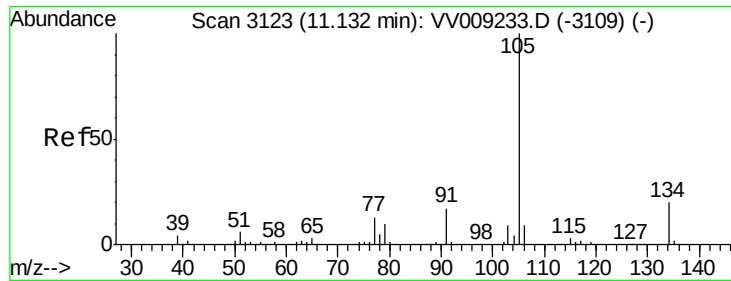


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 18.666 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VV009250.D

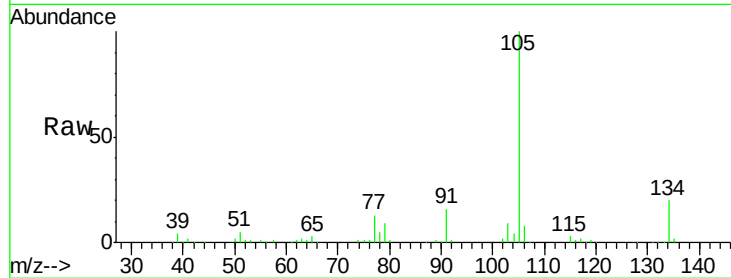
Acq: 23 Jan 2019 17:02

Tot Ion:105 Resp: 98712

Ion Ratio Lower Upper

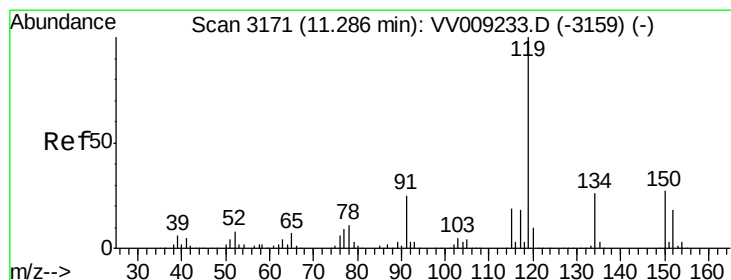
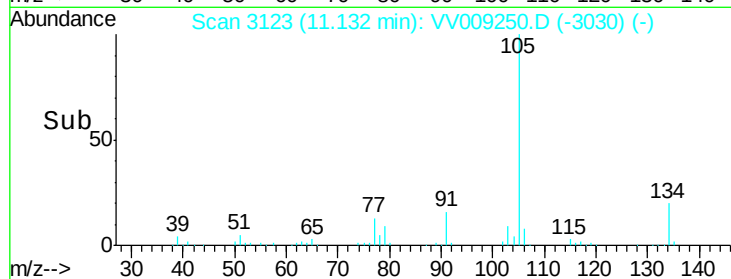
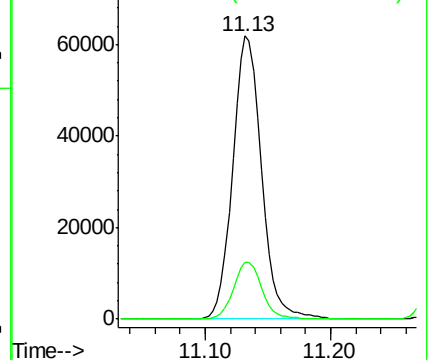
105 100

134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.615 ug/l

RT: 11.29 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

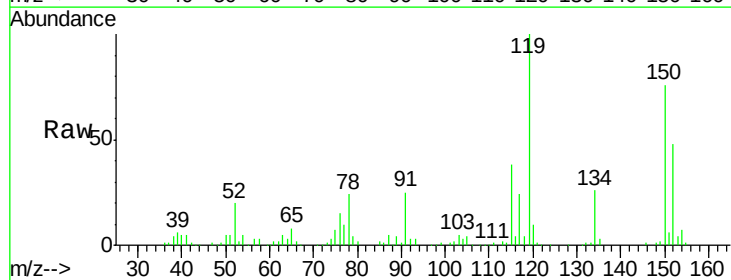
Tgt Ion:119 Resp: 86197

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

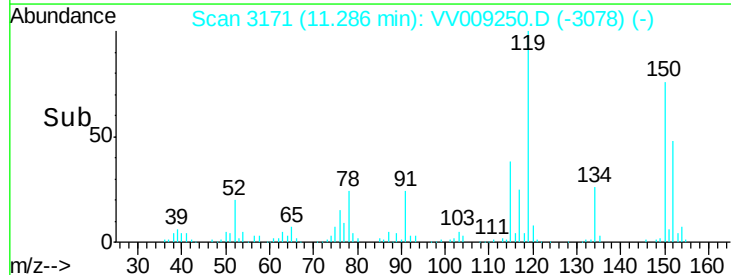
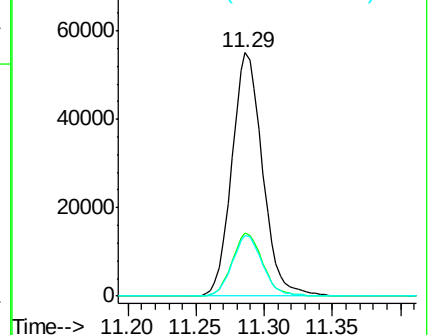
91 24.6 12.4 37.2

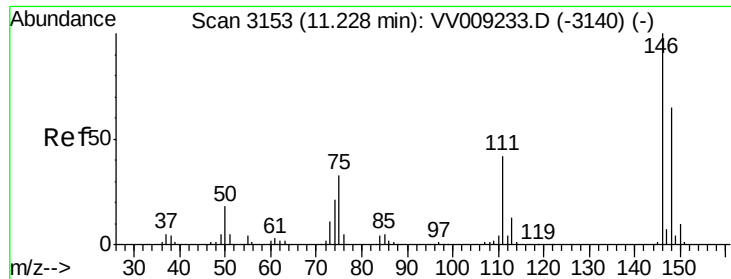


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

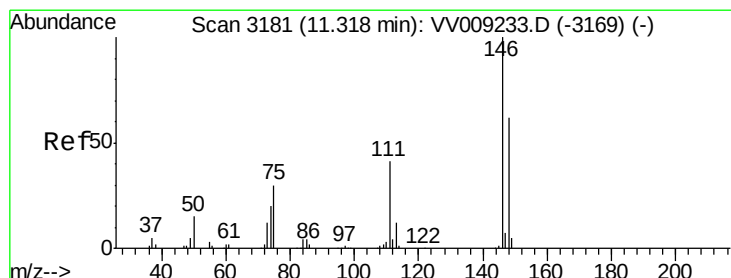
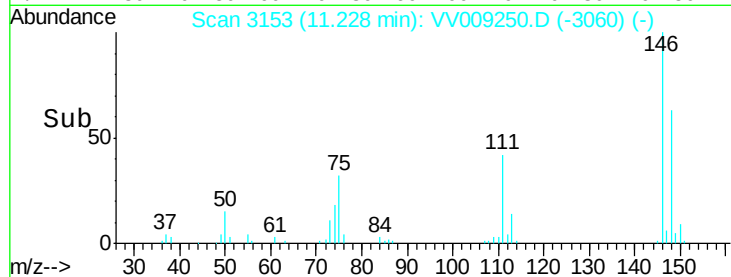
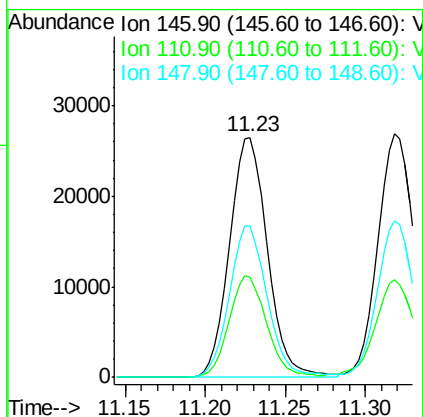
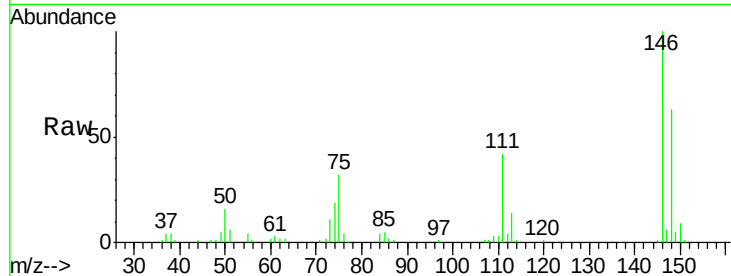
Ion 91.00 (90.70 to 91.70): VV0





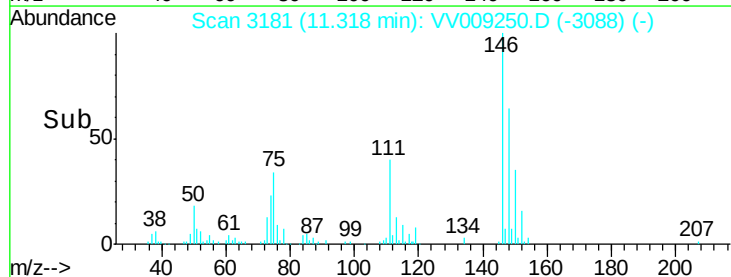
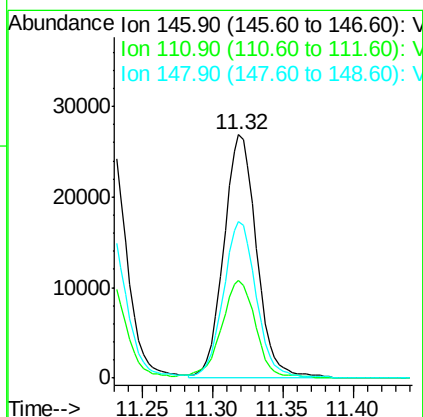
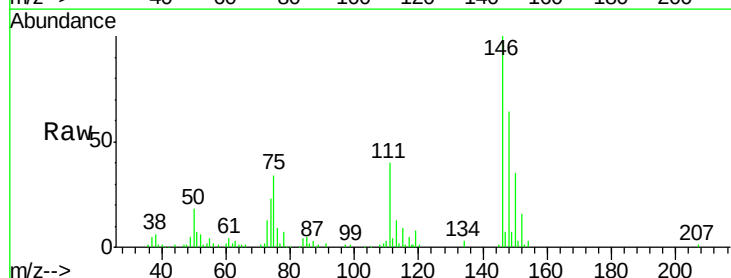
#87
 1,3-Dichlorobenzene
 Concen: 19.111 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

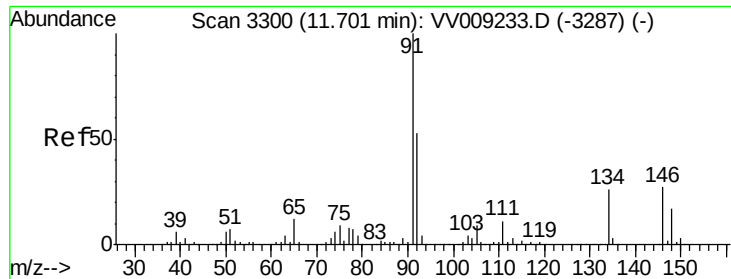
Tot Ion:146 Resp: 42913
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.4
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.306 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

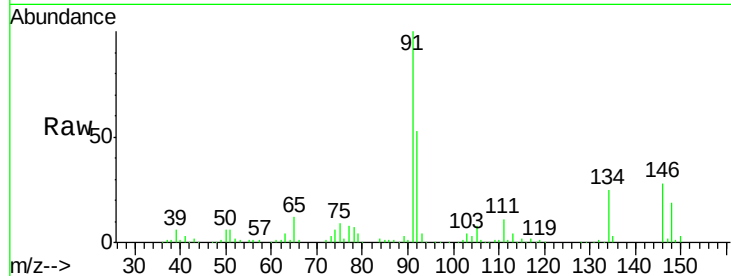
Tgt Ion:146 Resp: 43825
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.5
 148 64.7 31.4 94.3



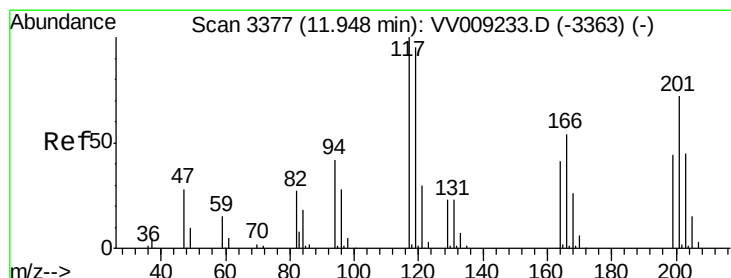
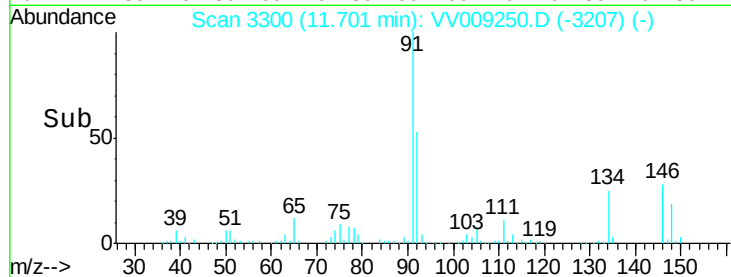
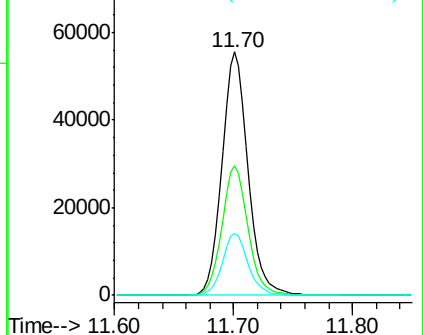


#89
n-Butylbenzene
Concen: 18.693 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tot Ion: 91 Resp: 84018
Ion Ratio Lower Upper
91 100
92 53.1 27.2 81.5
134 25.1 12.6 37.8

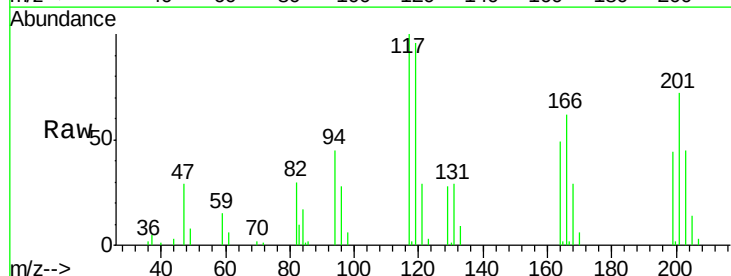


Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0
Ion 134.00 (133.70 to 134.70): V

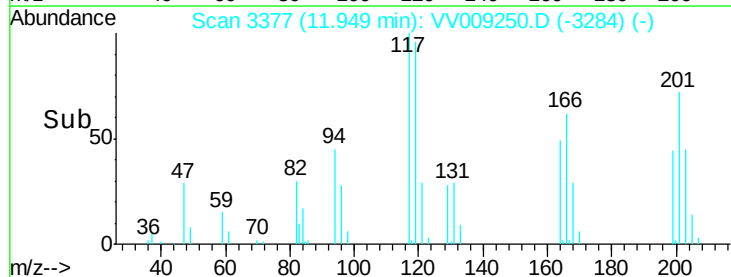
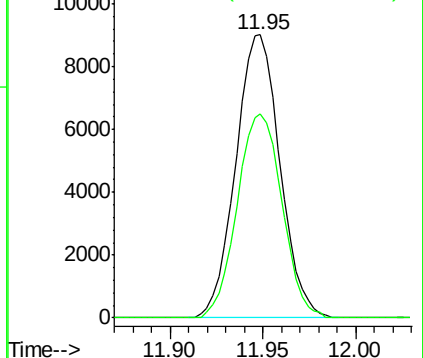


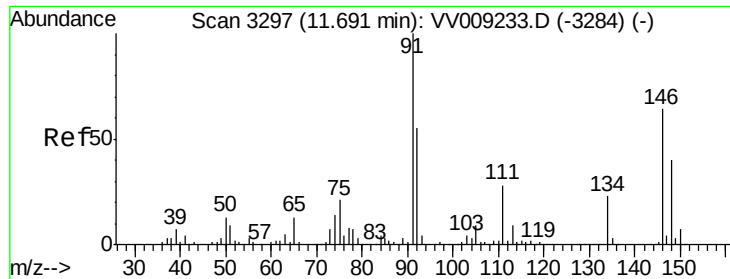
#90
Hexachloroethane
Concen: 18.079 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 117 Resp: 14887
Ion Ratio Lower Upper
117 100
201 73.0 35.2 105.6



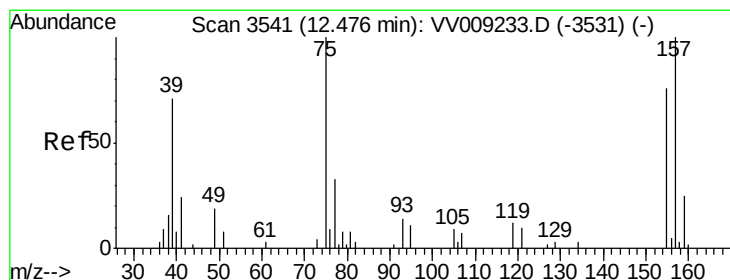
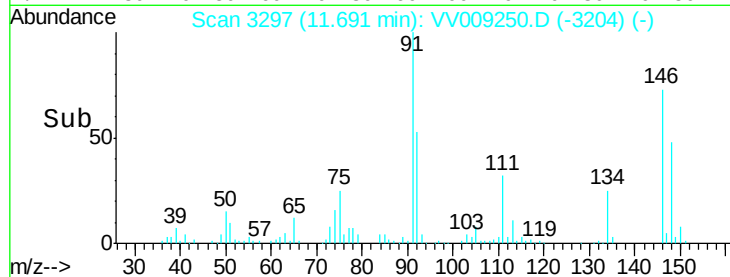
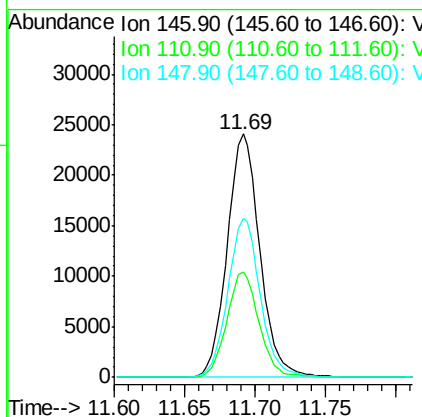
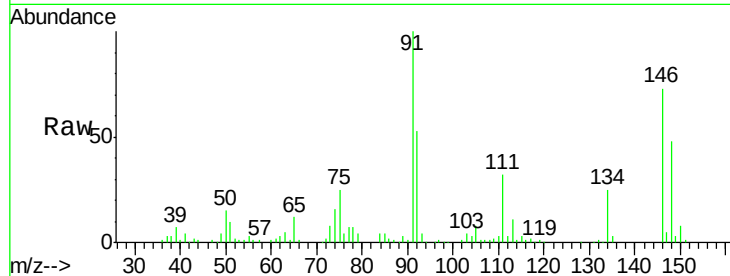
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





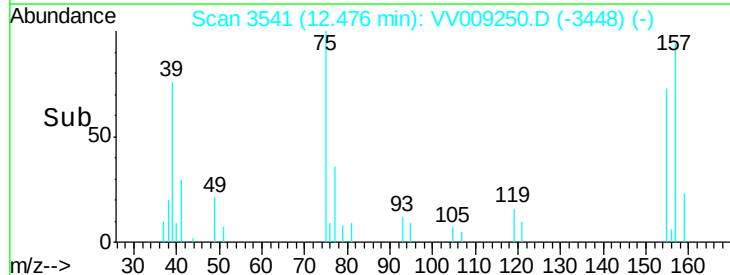
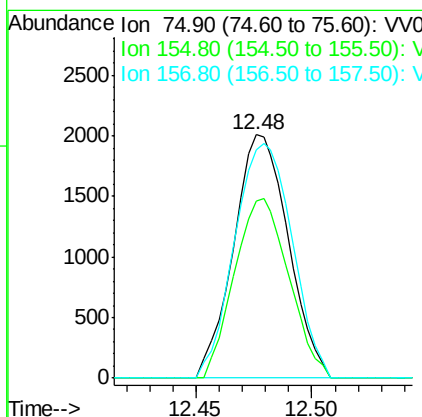
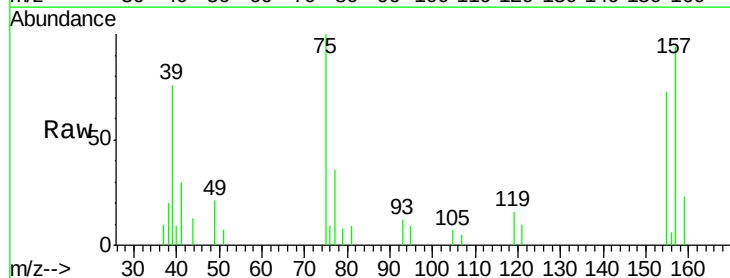
#91
 1,2-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

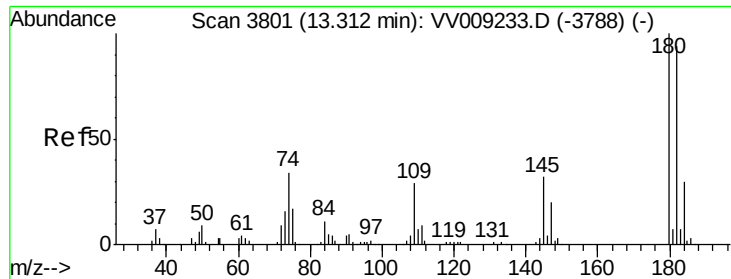
Tot Ion:146 Resp: 38945
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.9 65.8
 148 65.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.004 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

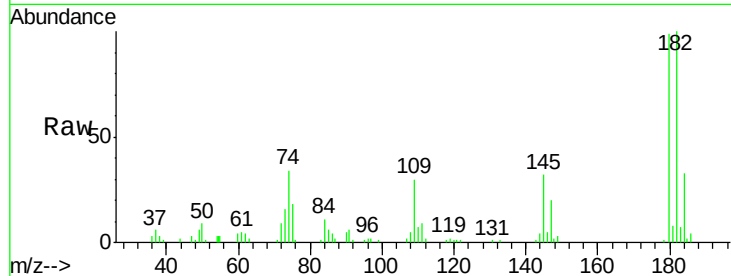
Tgt Ion: 75 Resp: 3292
 Ion Ratio Lower Upper
 75 100
 155 73.2 38.0 114.0
 157 101.5 50.8 152.4



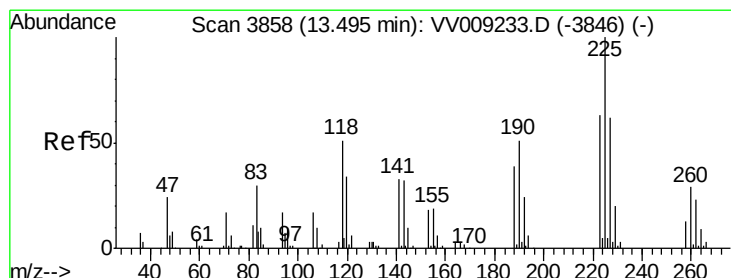
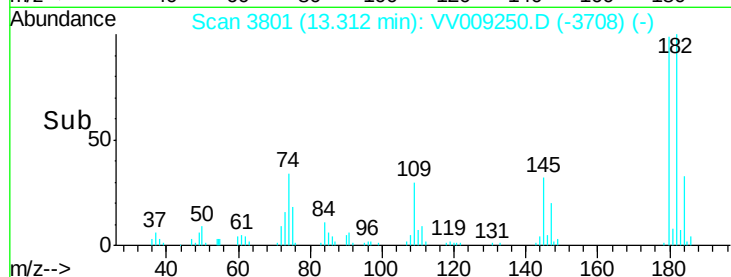
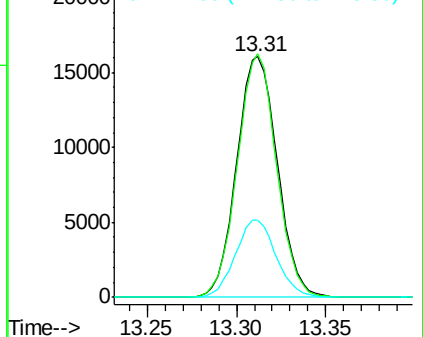


#93
 1,2,4-Trichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tot Ion:180 Resp: 25652
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.1 141.4
 145 32.2 16.0 48.0

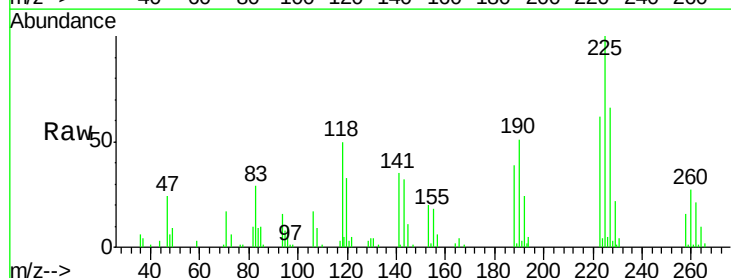


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

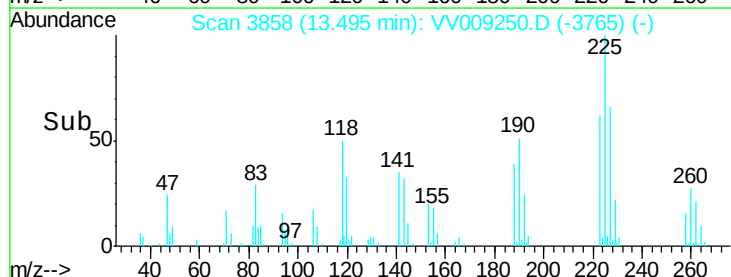
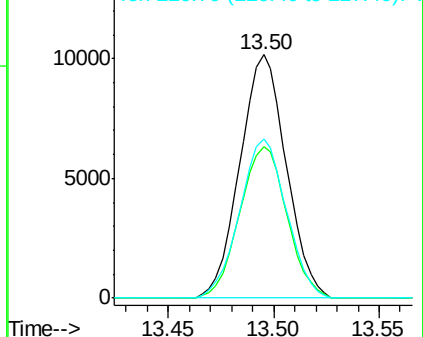


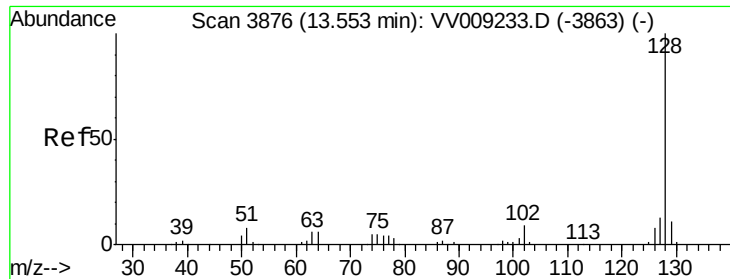
#94
 Hexachlorobutadiene
 Concen: 19.587 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion:225 Resp: 15490
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.7 95.1
 227 65.9 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.458 ug/l

RT: 13.55 min Scan# 3876

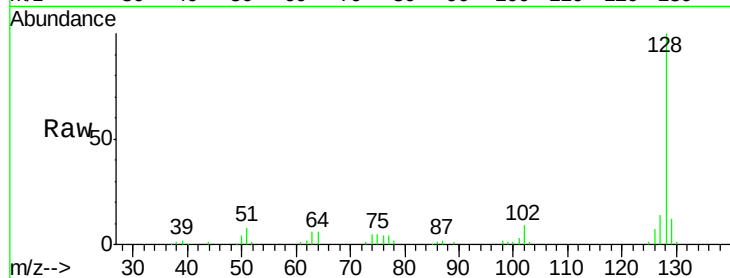
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tot Ion:128 Resp: 49551

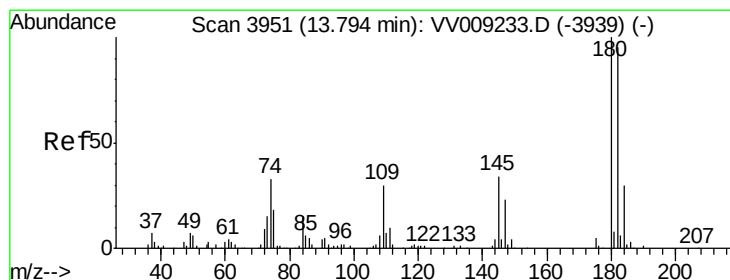
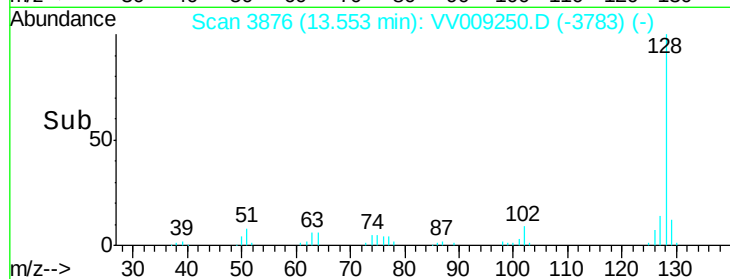
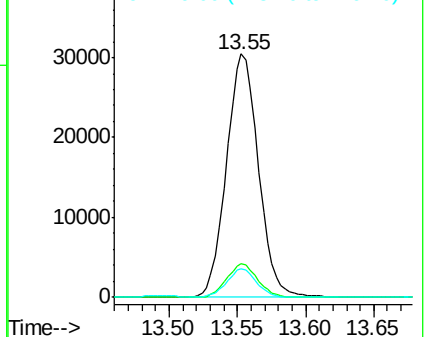
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.8	8.8	13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 21.323 ug/l

RT: 13.79 min Scan# 3951

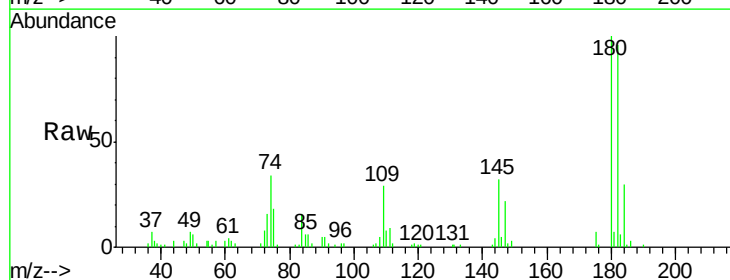
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion:180 Resp: 23040

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.4	142.2
145	33.5	17.2	51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

