

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 03:55:17 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	10510	16.767	ug/l 97
3) Chloromethane	1.25	50	14148	16.768	ug/l 98
4) Vinyl Chloride	1.32	62	17837	18.606	ug/l 99
5) Bromomethane	1.53	94	9684	17.812	ug/l 98
6) Chloroethane	1.60	64	9791	18.273	ug/l 97
7) Trichlorofluoromethane	1.76	101	9873	14.675	ug/l 98
8) Diethyl Ether	1.96	74	8892	21.014	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.14	101	16400	19.618	ug/l 98
10) Methyl Iodide	2.25	142	25393	19.031	ug/l 98
11) Tert butyl alcohol	2.65	59	7503	120.637	ug/l 95
12) 1,1-Dichloroethene	2.14	96	15527	18.917	ug/l 94
13) Acrolein	2.06	56	4578	82.727	ug/l 93
14) Allyl chloride	2.42	41	25083	17.731	ug/l 95
15) Acrylonitrile	2.76	53	21344	116.449	ug/l 95
16) Acetone	2.17	43	29990	116.962	ug/l 98
17) Carbon Disulfide	2.31	76	43919	17.492	ug/l 99
18) Methyl Acetate	2.44	43	15021	21.933	ug/l 99
19) Methyl tert-butyl Ether	2.79	73	25612	20.102	ug/l 99
20) Methylene Chloride	2.53	84	18154	18.848	ug/l 98
21) trans-1,2-Dichloroethene	2.78	96	16163	18.278	ug/l 97
22) Diisopropyl ether	3.33	45	57704	19.157	ug/l 94
23) Vinyl Acetate	3.30	43	175688	107.493	ug/l 98
24) 1,1-Dichloroethane	3.22	63	35821	19.114	ug/l 99
25) 2-Butanone	4.01	43	36647	124.986	ug/l 94
26) 2,2-Dichloropropane	3.94	77	19005	18.019	ug/l 100
27) cis-1,2-Dichloroethene	3.95	96	20531	19.210	ug/l 96
28) Bromochloromethane	4.29	49	13536	19.573	ug/l 97
29) Tetrahydrofuran	4.38	42	21560	135.195	ug/l 95
30) Chloroform	4.42	83	35661	18.946	ug/l 96
31) Cyclohexane	4.72	56	32887	19.223	ug/l # 92
32) 1,1,1-Trichloroethane	4.65	97	29562	18.634	ug/l 99
36) 1,1-Dichloropropene	4.87	75	27377	18.783	ug/l 99
37) Ethyl Acetate	4.12	43	14197	25.345	ug/l 98
38) Carbon Tetrachloride	4.87	117	27139	18.599	ug/l 99

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Quant Title : SW846 8260

QLast Update : Wed Jan 23 01:54:58 2019

Response via : Initial Calibration

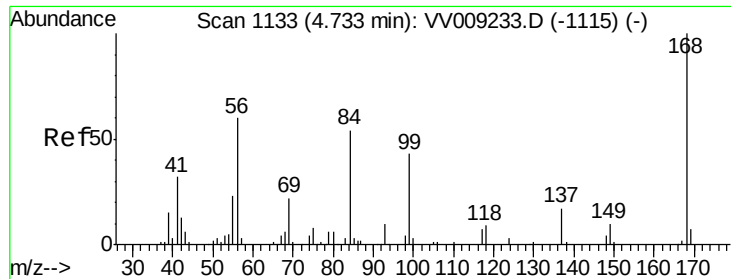
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	33663	19.503	ug/l	99
40) Benzene	5.14	78	77558	19.025	ug/l	98
41) Methacrylonitrile	4.30	41	8348	24.728	ug/l	94
42) 1,2-Dichloroethane	5.17	62	24948	19.554	ug/l	98
43) Isopropyl Acetate	5.33	43	25662	23.290	ug/l	99
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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QLast Update : Wed Jan 23 01:54:58 2019
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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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009250.D

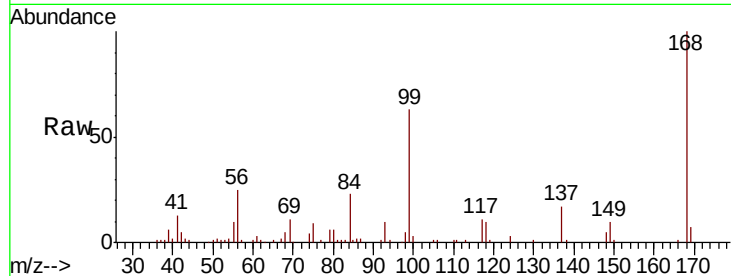
Acq: 23 Jan 2019 17:02

Tgt 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

30000

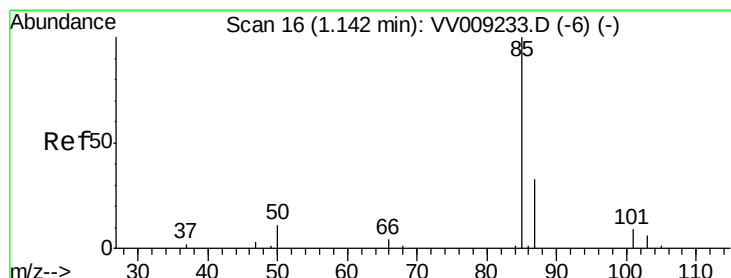
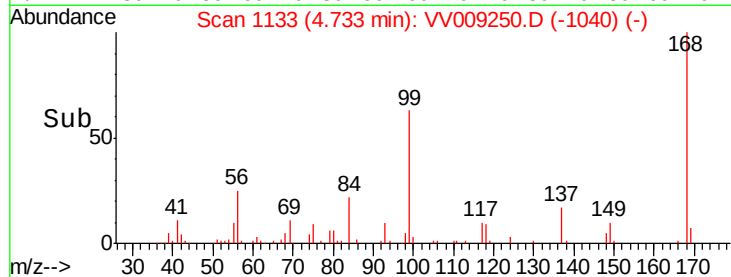
20000

10000

0

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.767 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009250.D

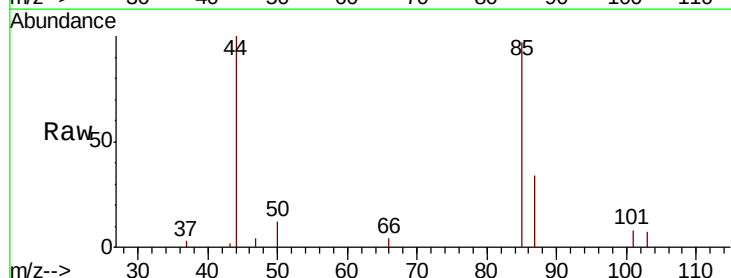
Acq: 23 Jan 2019 17:02

Tgt Ion: 85 Resp: 10510

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

6000

5000

4000

3000

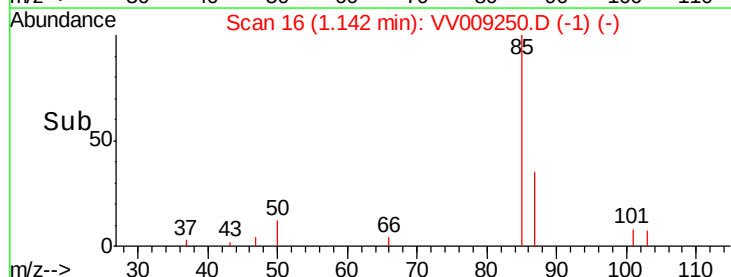
2000

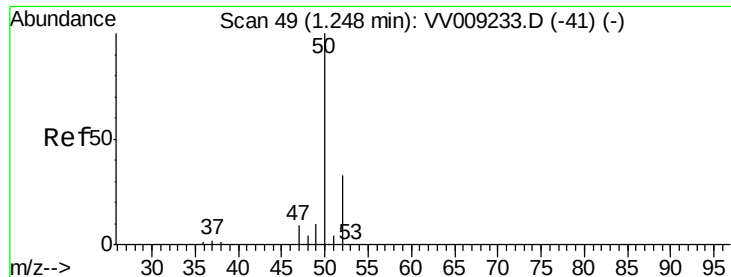
1000

0

1.10 1.15 1.20

Time-->





#3

Chloromethane

Concen: 16.768 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009250.D

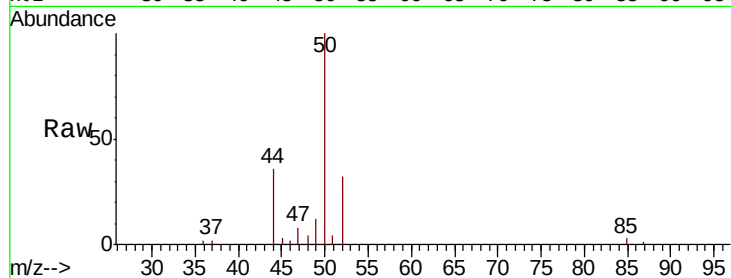
Acq: 23 Jan 2019 17:02

Tgt Ion: 50 Resp: 14148

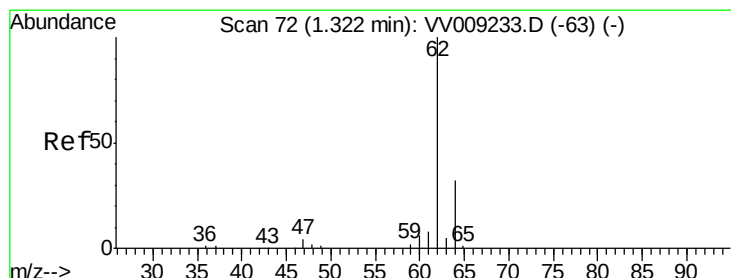
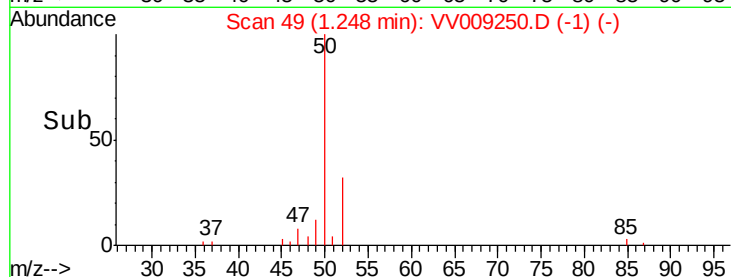
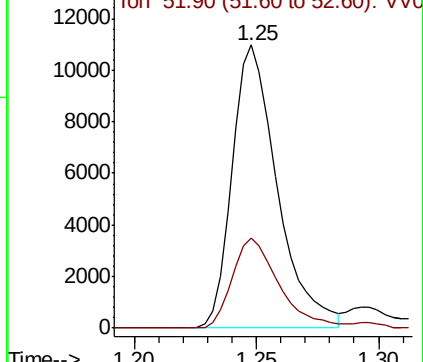
Ion Ratio Lower Upper

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

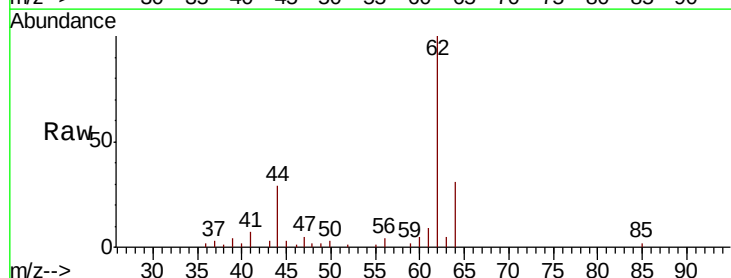
Acq: 23 Jan 2019 17:02

Tgt Ion: 62 Resp: 17837

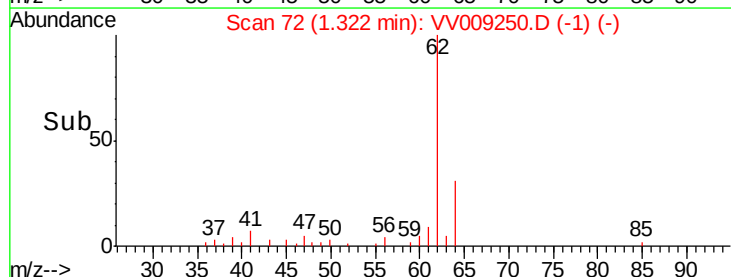
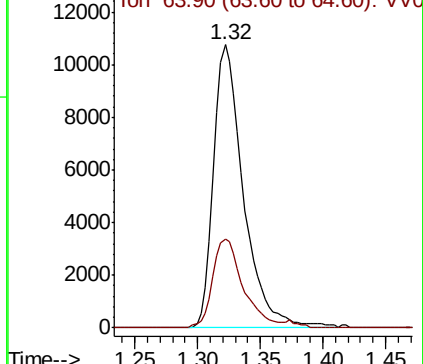
Ion Ratio Lower Upper

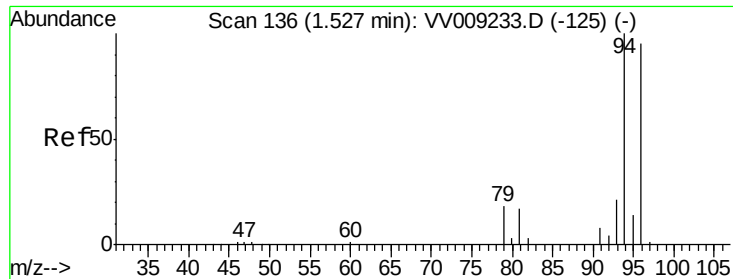
62 100

64 31.4 25.4 38.0



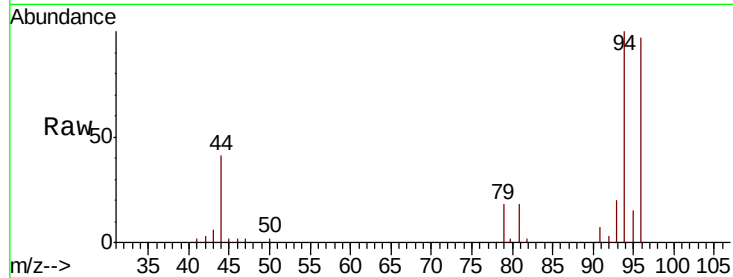
Abundance Ion 61.90 (61.60 to 62.60): VV009250.D (-1) (-)



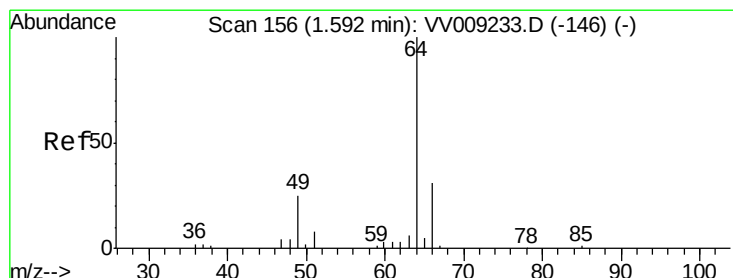
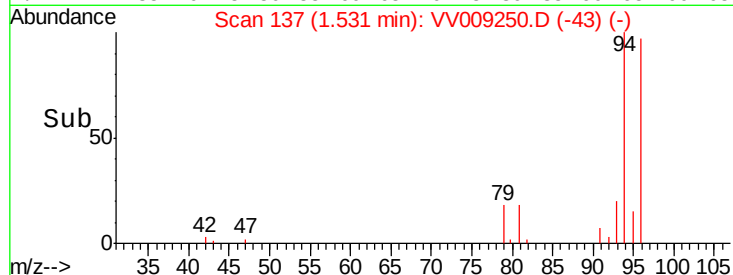
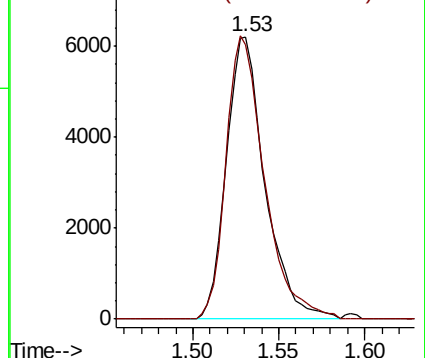


#5
Bromomethane
Concen: 17.812 ug/l
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

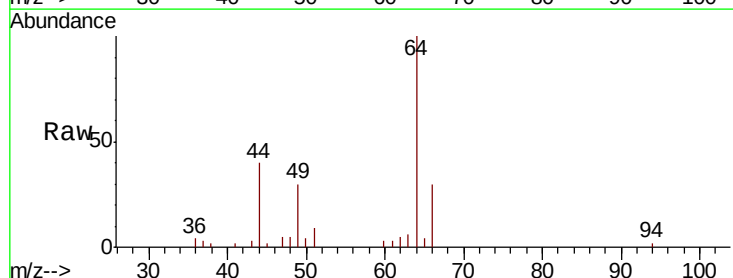


Abundance Ion 93.90 (93.60 to 94.60): VV0
Ion 95.90 (95.60 to 96.60): VV0

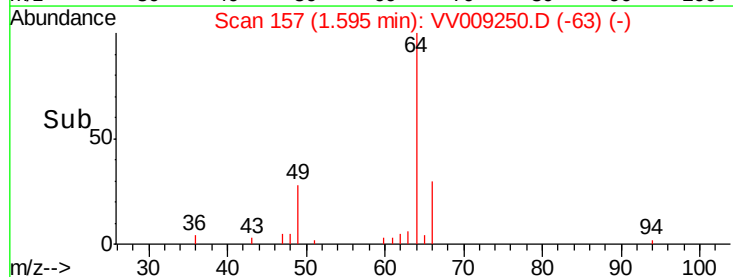
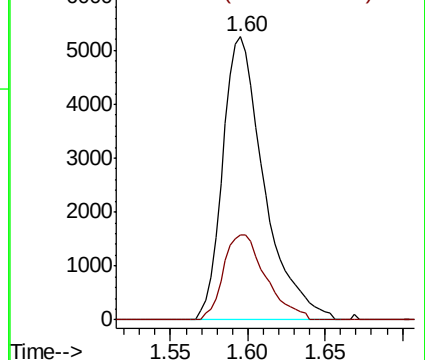


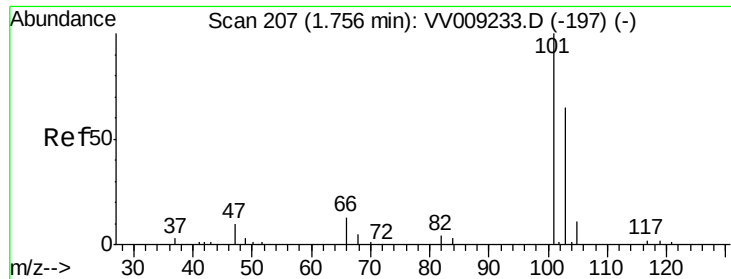
#6
Chloroethane
Concen: 18.273 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



Abundance Ion 63.90 (63.60 to 64.60): VV0
Ion 65.90 (65.60 to 66.60): VV0

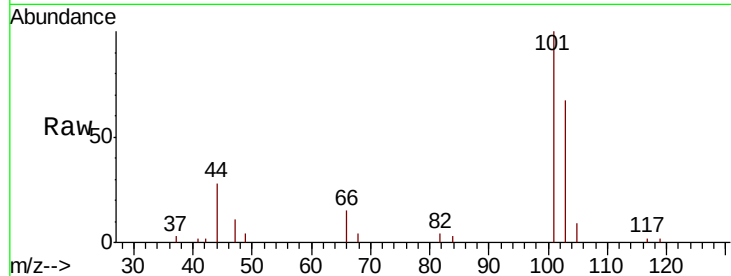




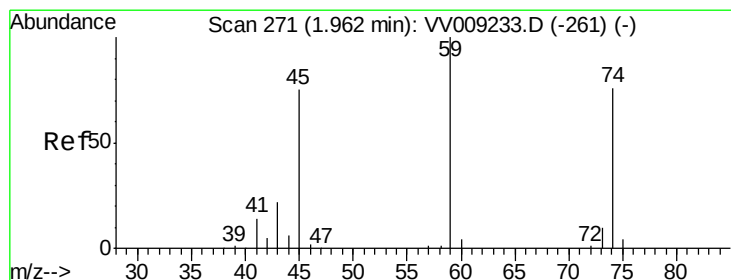
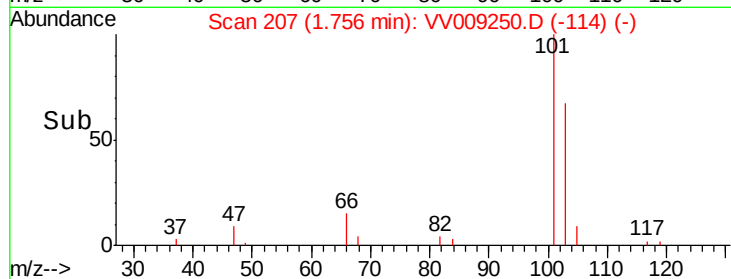
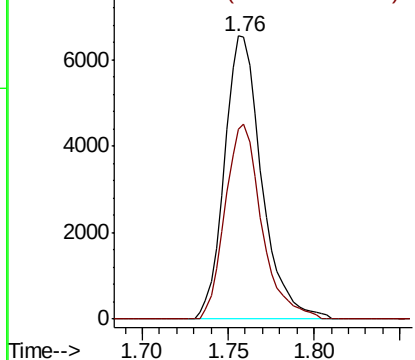
#7

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

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



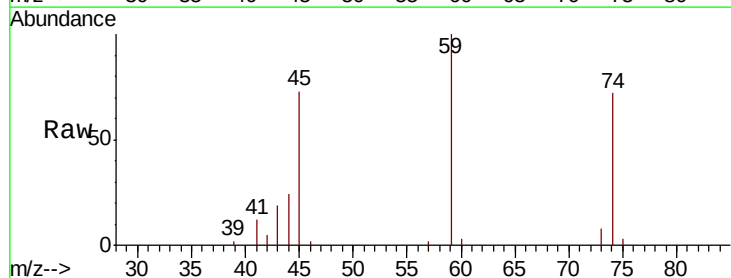
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



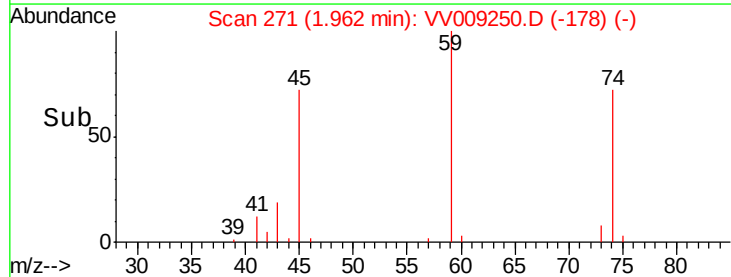
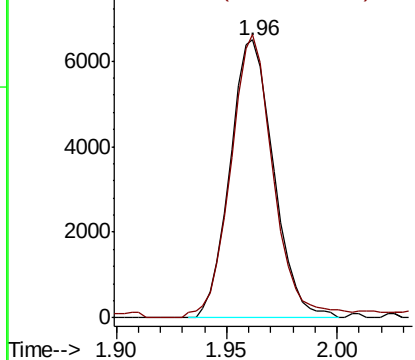
#8

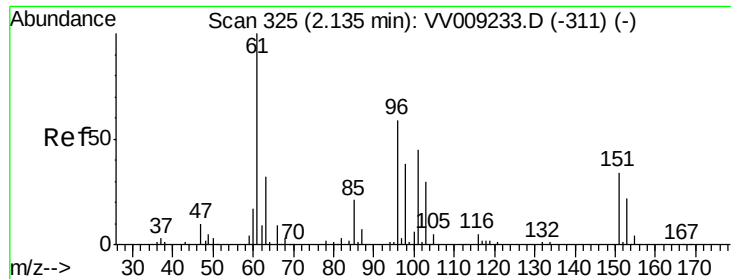
Diethyl Ether
Concen: 21.014 ug/l
RT: 1.96 min Scan# 271
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

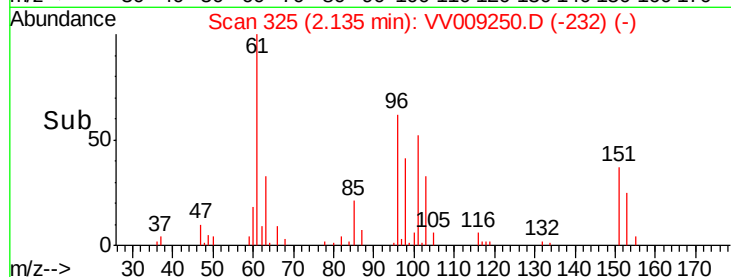
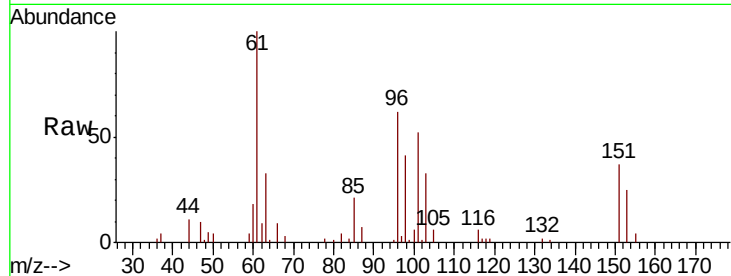
Tgt Ion:101 Resp: 16400

Ion Ratio Lower Upper

101 100

85 42.4 35.3 52.9

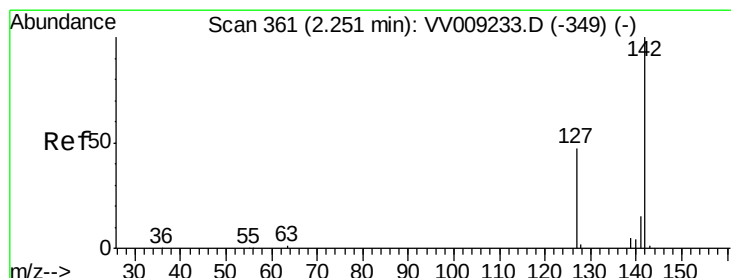
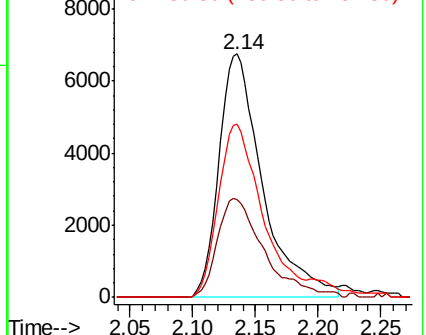
151 76.5 60.1 90.1



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

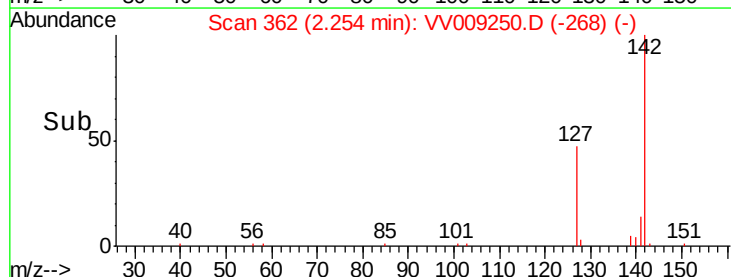
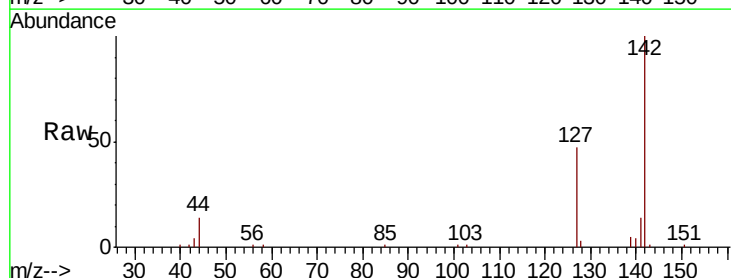
Tgt Ion:142 Resp: 25393

Ion Ratio Lower Upper

142 100

127 45.9 37.9 56.9

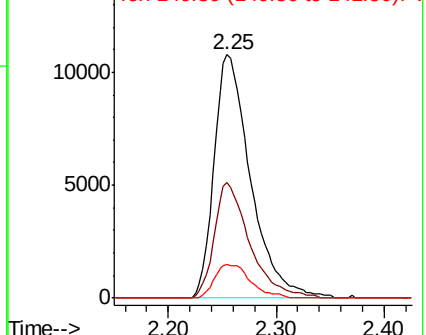
141 13.6 11.7 17.5

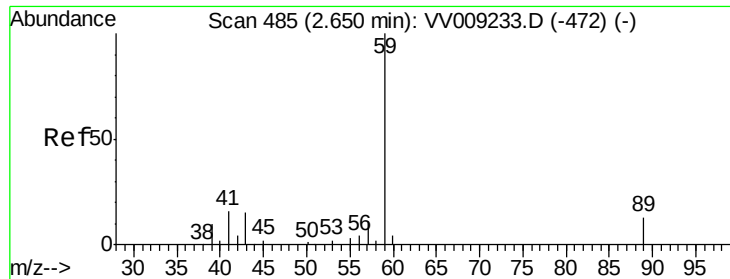


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

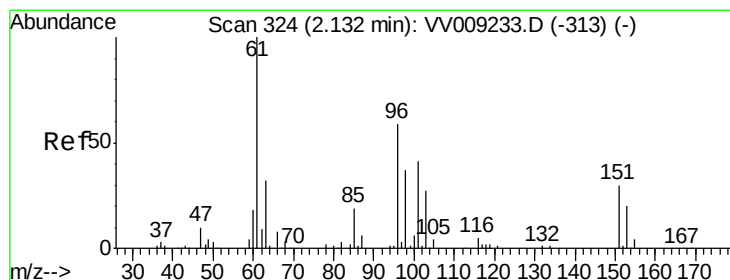
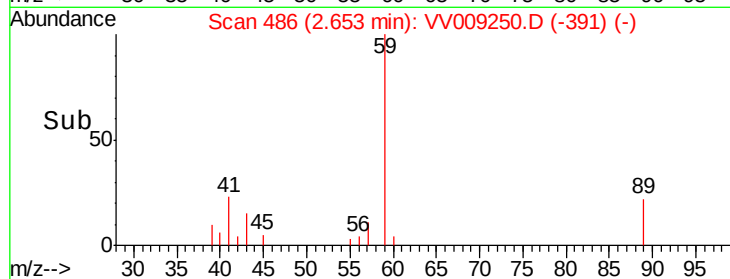
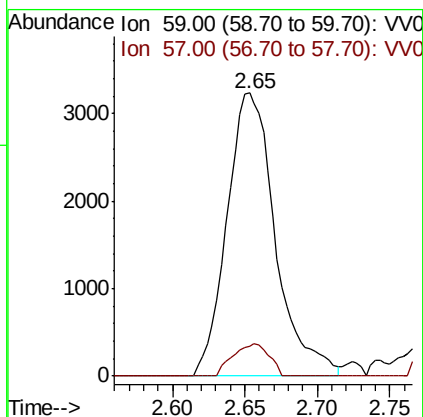
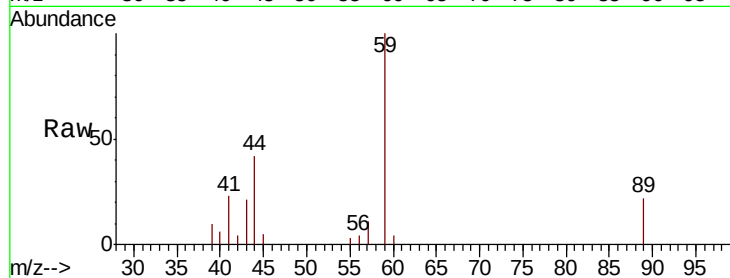
Ion 140.80 (140.50 to 141.50): V





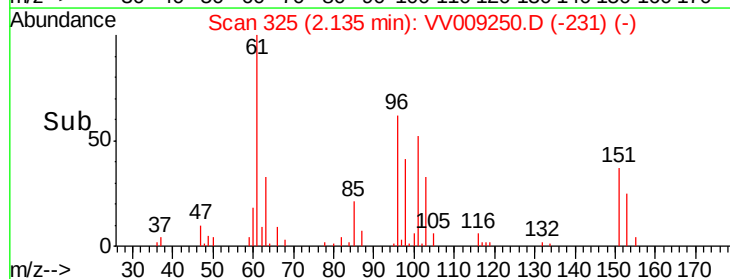
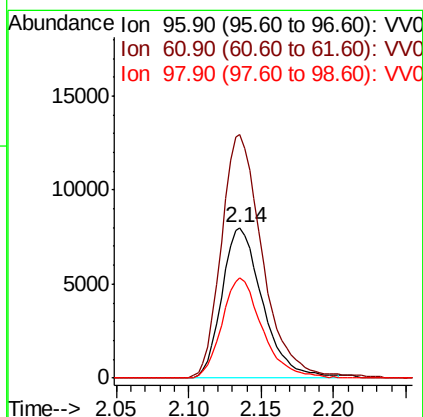
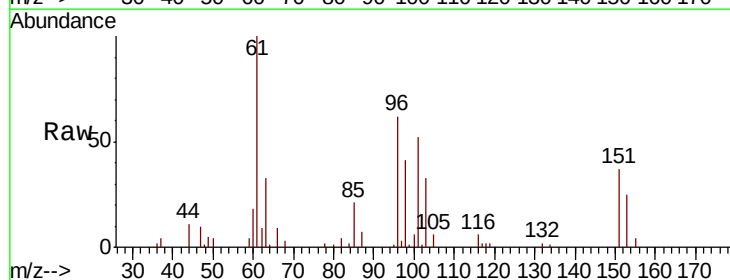
#11
Tert butyl alcohol
Concen: 120.637 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

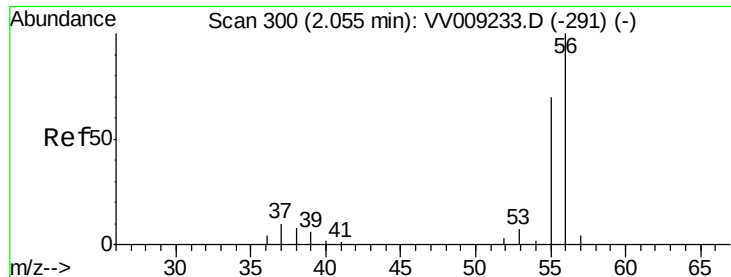
Tgt Ion: 59 Resp: 7503
Ion Ratio Lower Upper
59 100
57 8.5 8.4 12.6



#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

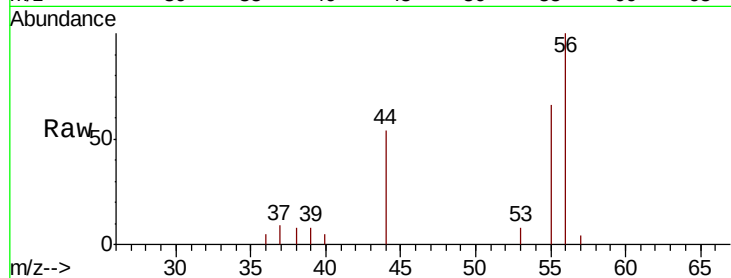
Acq: 23 Jan 2019 17:02

Tgt Ion: 56 Resp: 4578

Ion Ratio Lower Upper

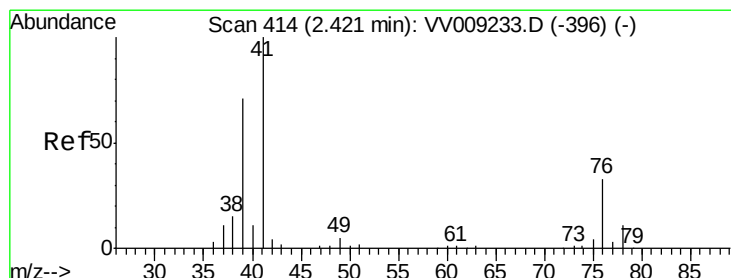
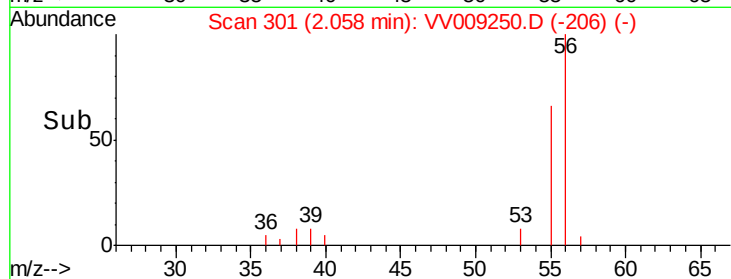
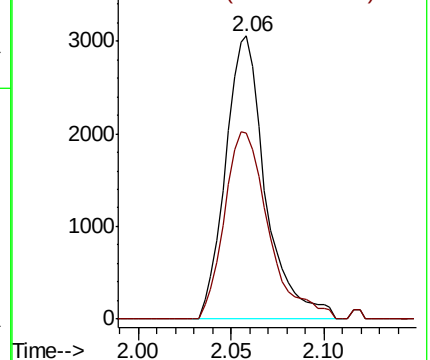
56 100

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

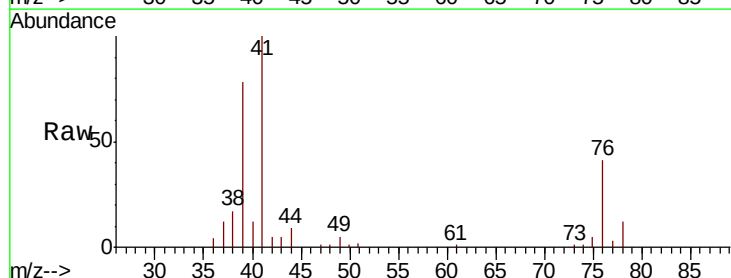
Tgt Ion: 41 Resp: 25083

Ion Ratio Lower Upper

41 100

39 71.6 55.1 82.7

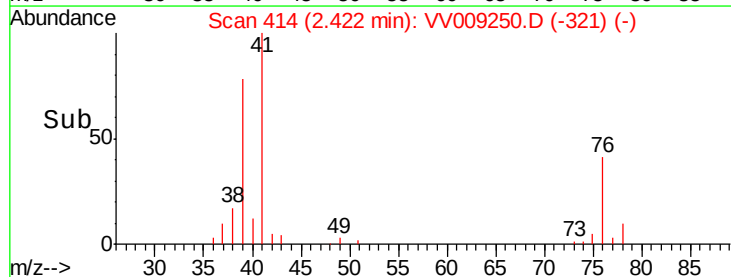
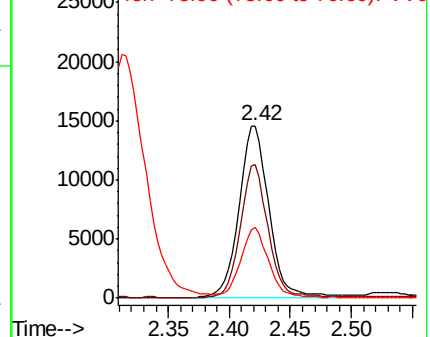
76 37.9 26.7 40.1

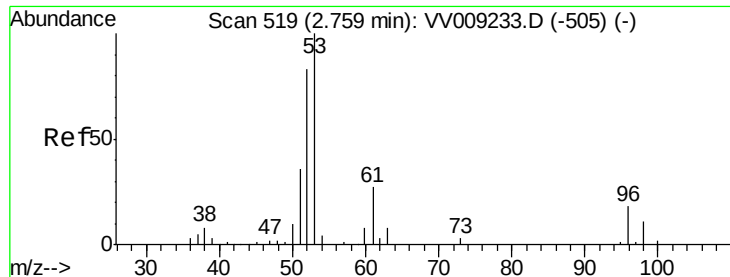


Abundance Ion 41.00 (40.70 to 41.70): VV0

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

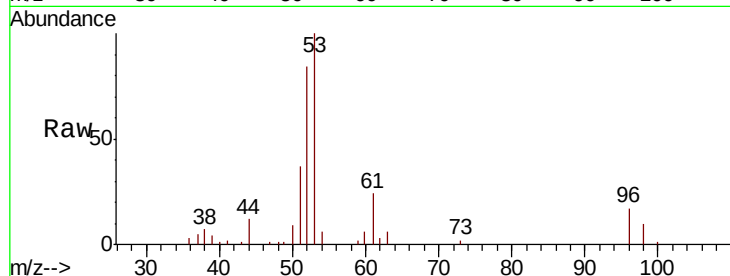
Tgt Ion: 53 Resp: 21344

Ion Ratio Lower Upper

53 100

52 85.4 65.3 97.9

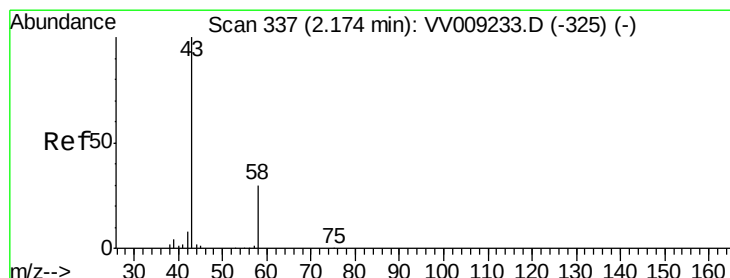
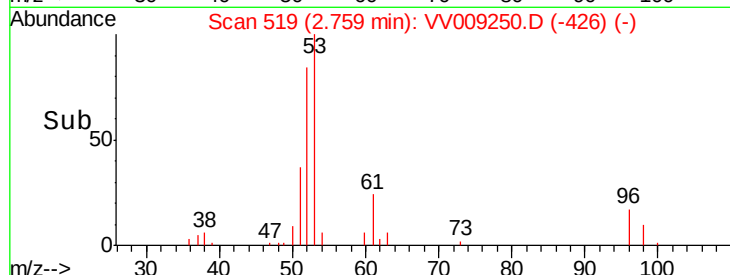
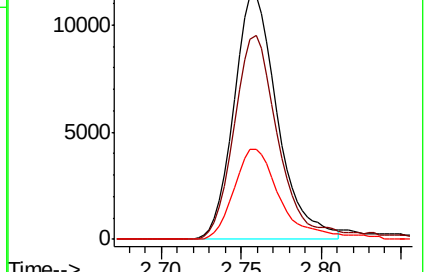
51 39.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009250.D (-244) (-)

Ion 52.00 (51.70 to 52.70): VV009250.D (-244) (-)

Ion 51.00 (50.70 to 51.70): VV009250.D (-244) (-)



#16

Acetone

Concen: 116.962 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009250.D

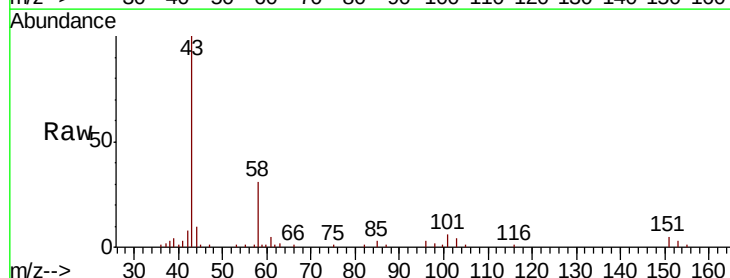
Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 29990

Ion Ratio Lower Upper

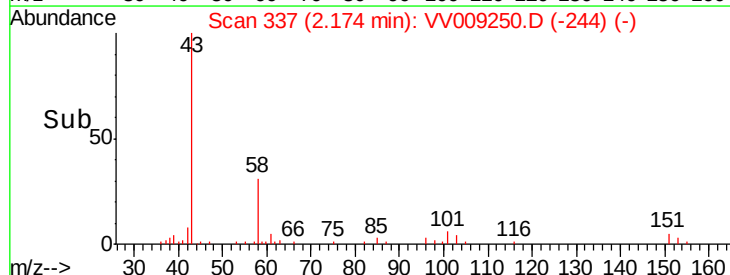
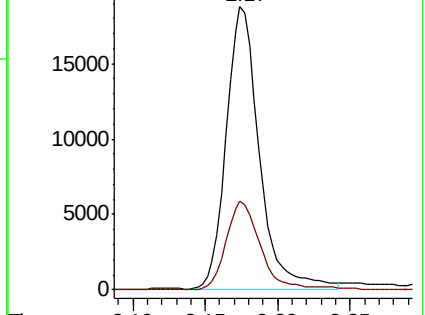
43 100

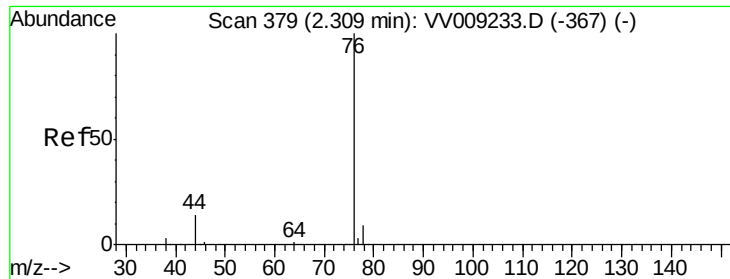
58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-244) (-)

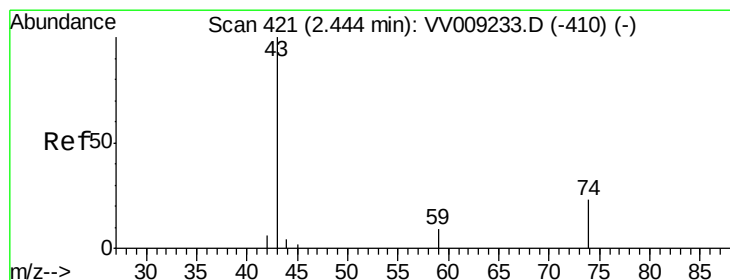
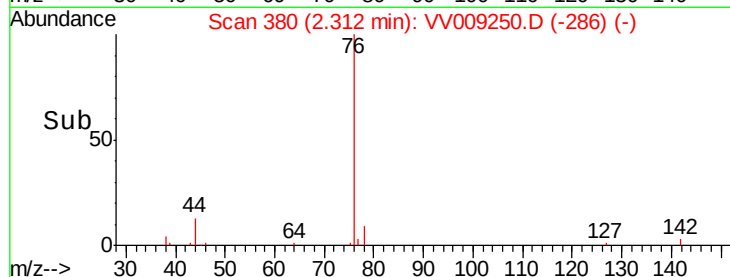
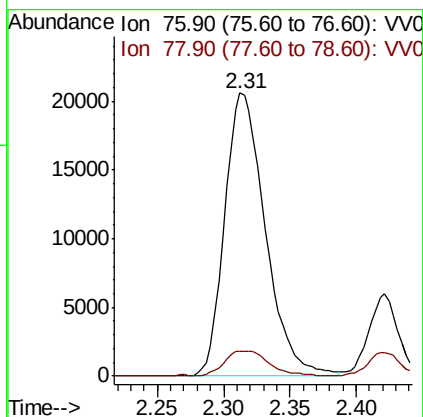
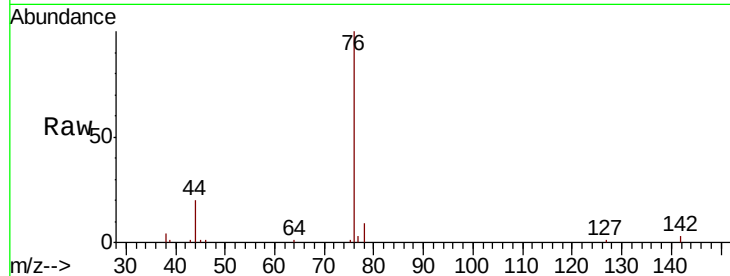
Ion 58.00 (57.70 to 58.70): VV009250.D (-244) (-)





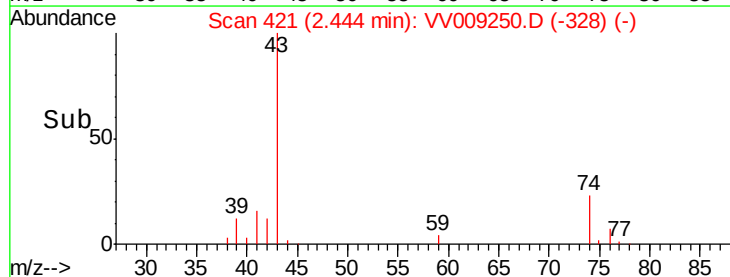
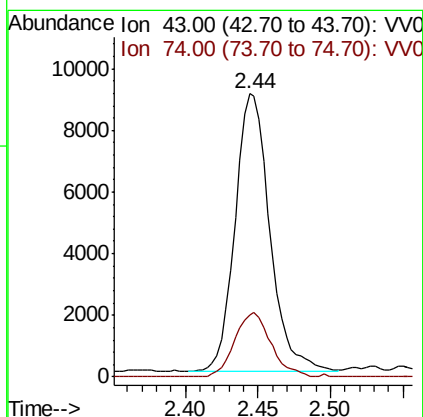
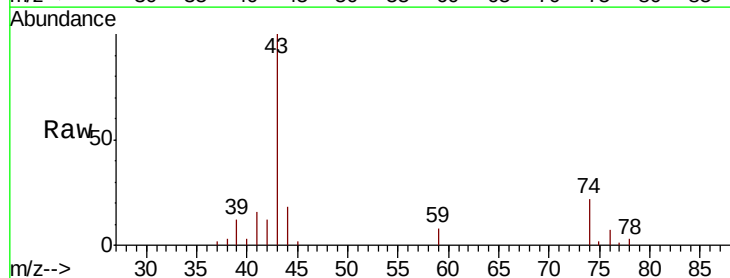
#17
Carbon Disulfide
Concen: 17.492 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

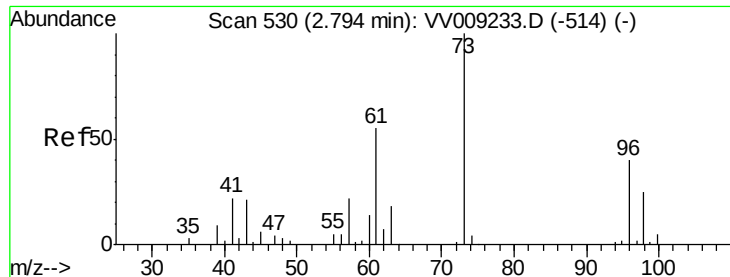
Tgt Ion: 76 Resp: 43919
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#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

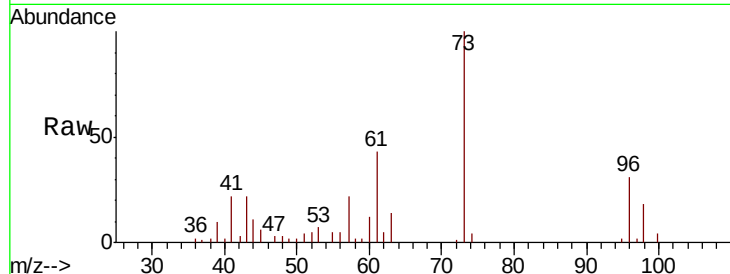




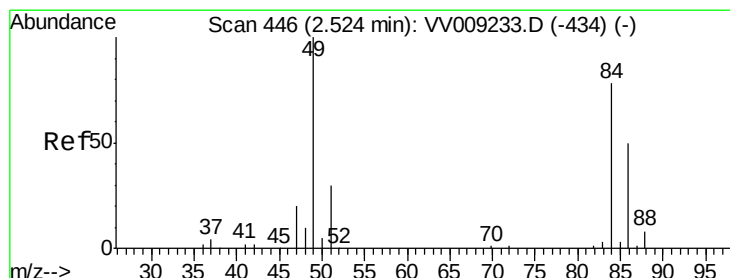
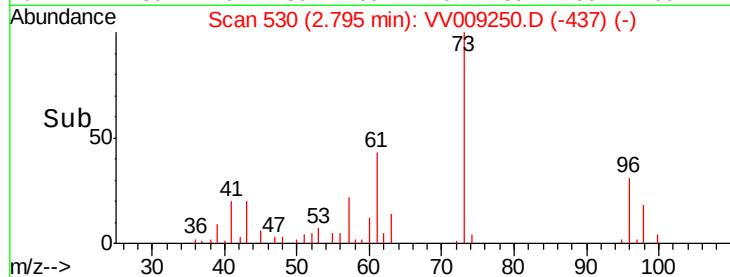
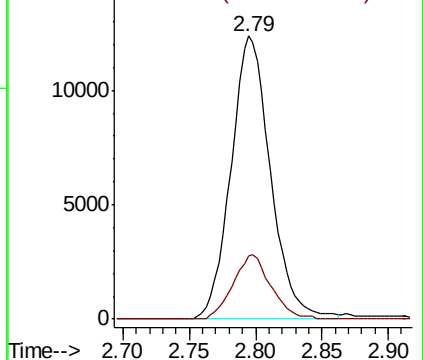
#19

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

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



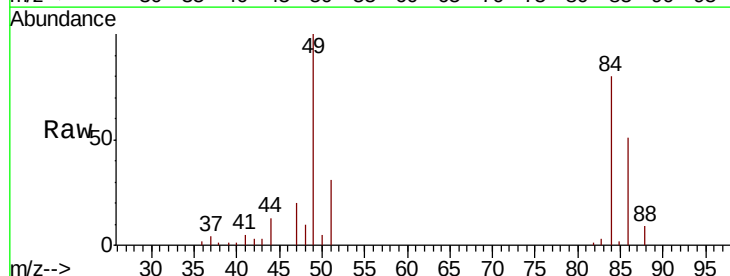
Abundance Ion 73.00 (72.70 to 73.70): VV009233.D (-514) (-)
Ion 57.00 (56.70 to 57.70): VV009233.D (-514) (-)



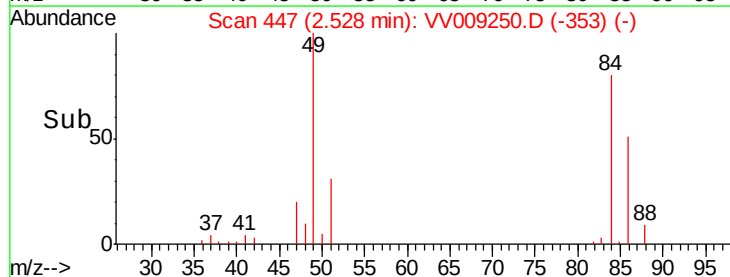
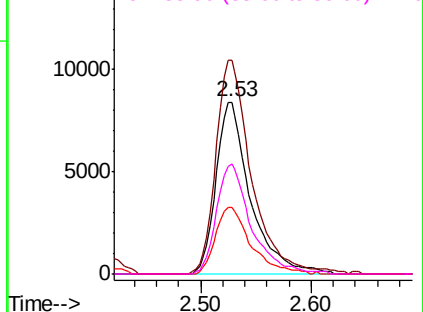
#20

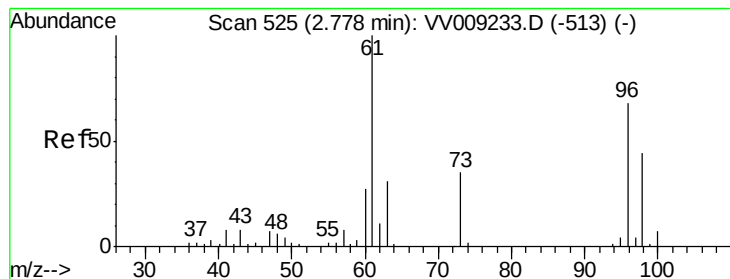
Methylene Chloride
Concen: 18.848 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



Abundance Ion 83.90 (83.60 to 84.60): VV009233.D (-434) (-)
Ion 48.90 (48.60 to 49.60): VV009233.D (-434) (-)
Ion 50.90 (50.60 to 51.60): VV009233.D (-434) (-)
Ion 85.90 (85.60 to 86.60): VV009233.D (-434) (-)





#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

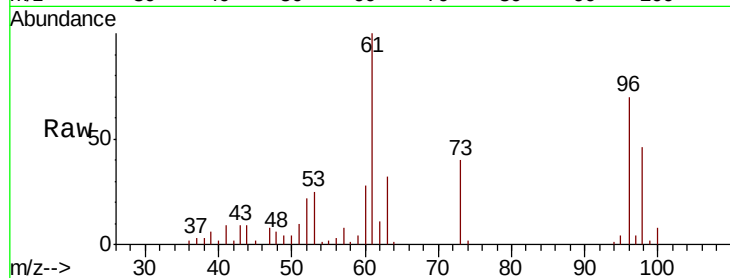
Tgt Ion: 96 Resp: 16163

Ion Ratio Lower Upper

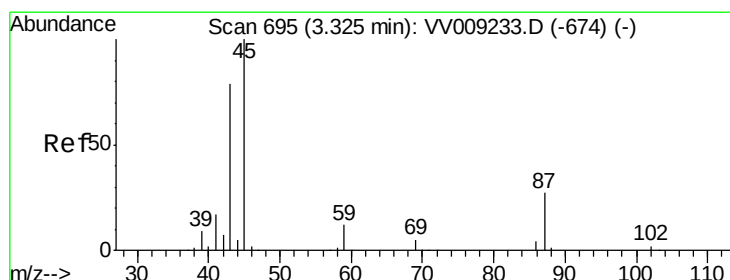
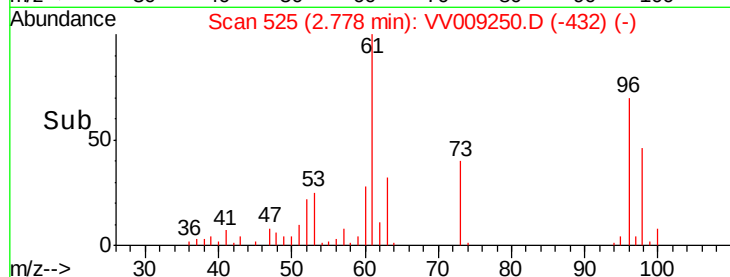
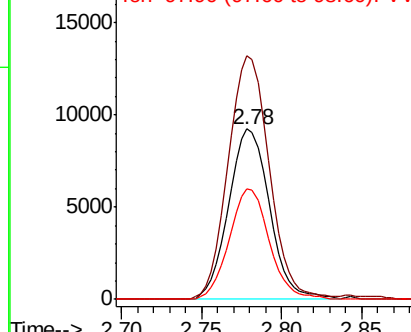
96 100

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

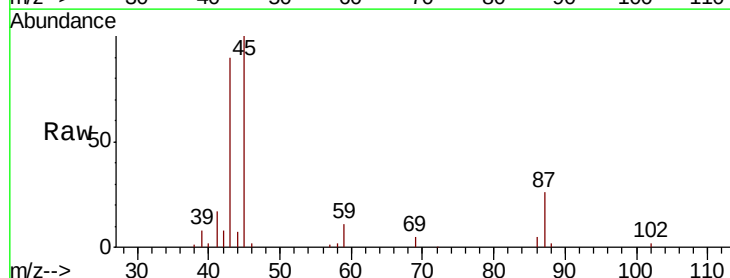
Ion Ratio Lower Upper

45 100

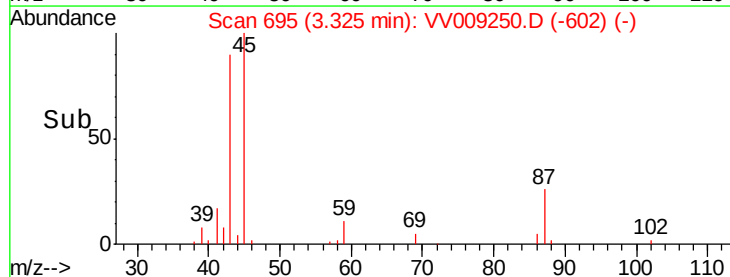
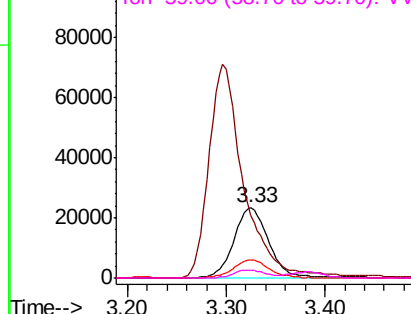
43 85.2 63.0 94.4

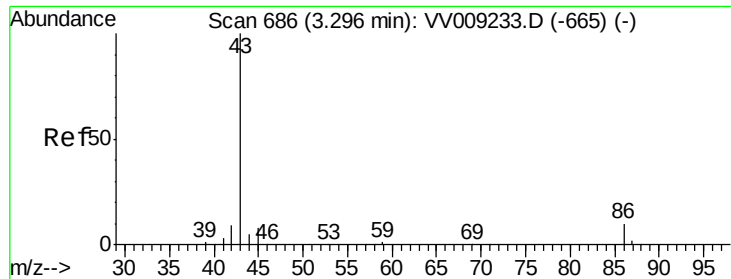
87 25.8 21.5 32.3

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

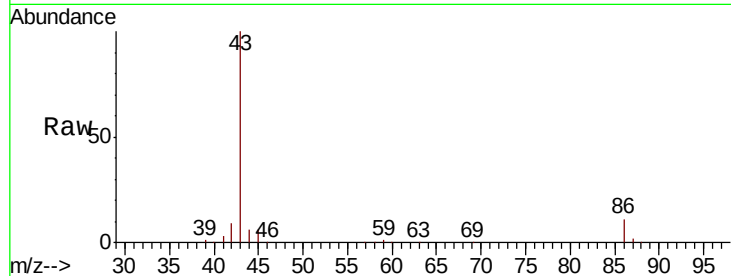
Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 175688

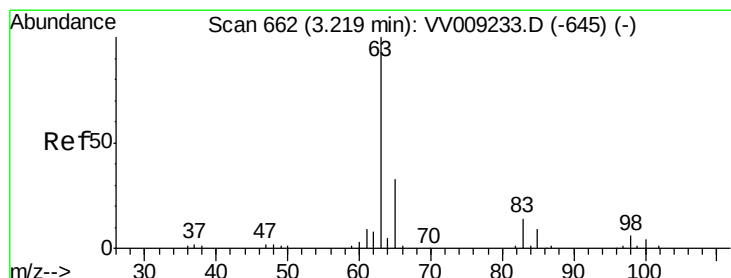
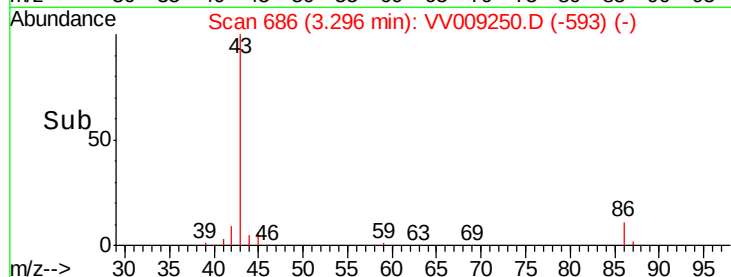
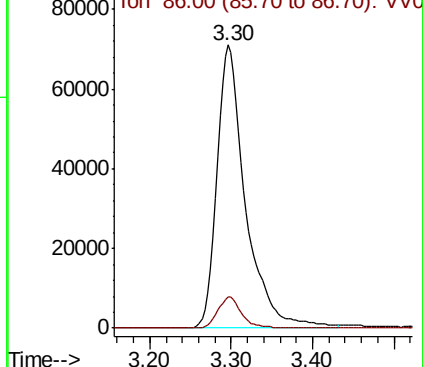
Ion Ratio Lower Upper

43 100

86 10.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009250.D (-593) (-)



#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

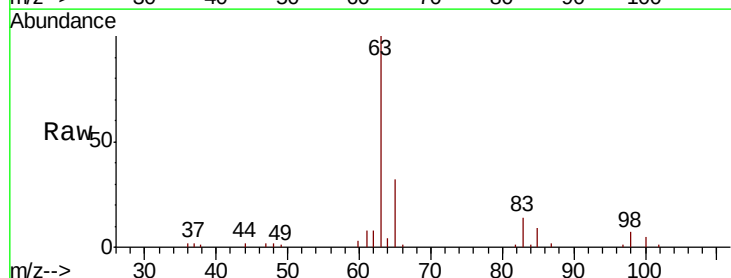
Tgt Ion: 63 Resp: 35821

Ion Ratio Lower Upper

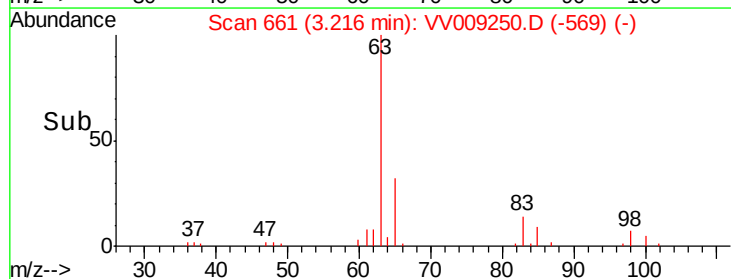
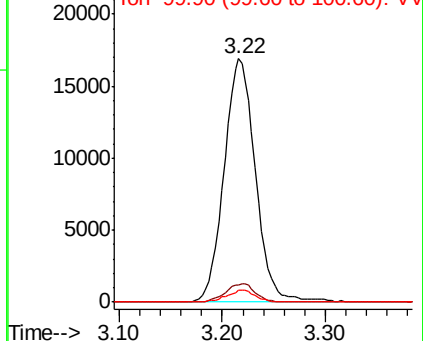
63 100

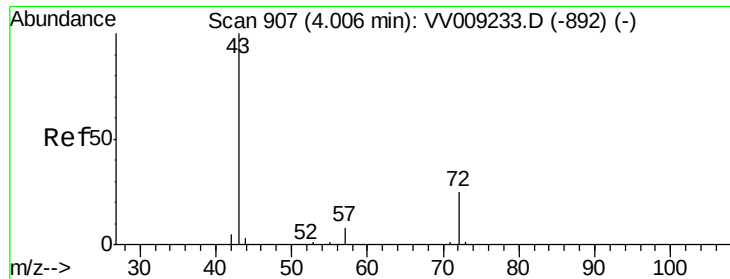
98 6.9 3.3 9.8

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV009250.D (-569) (-)





#25

2-Butanone

Concen: 124.986 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.01 min

Lab File: VV009250.D

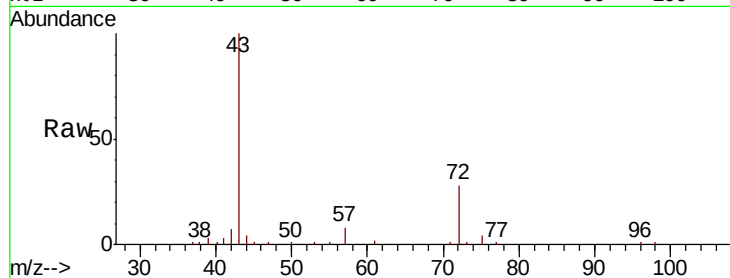
Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 36647

Ion Ratio Lower Upper

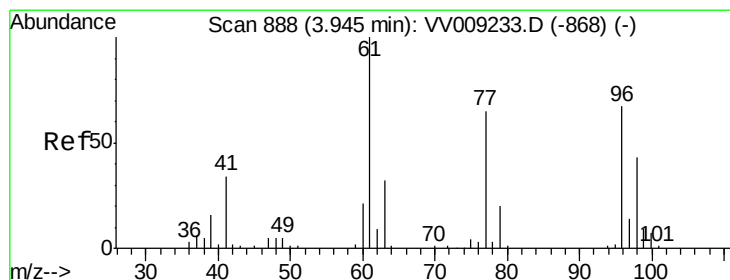
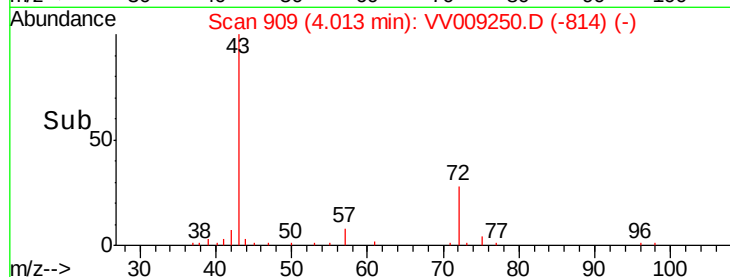
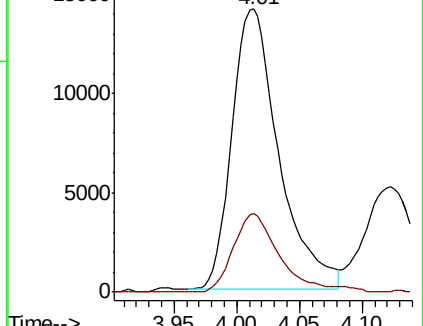
43 100

72 28.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-892) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-892) (-)



#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

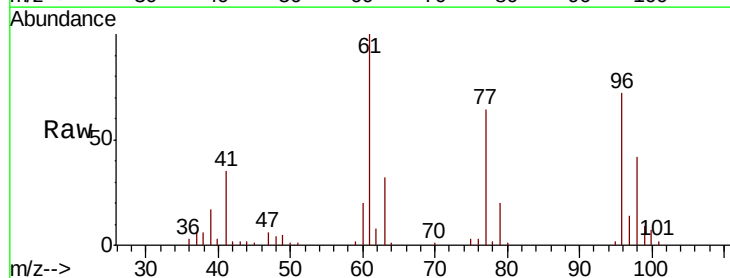
Acq: 23 Jan 2019 17:02

Tgt Ion: 77 Resp: 19005

Ion Ratio Lower Upper

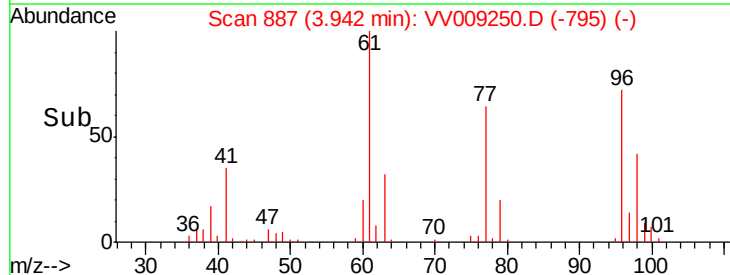
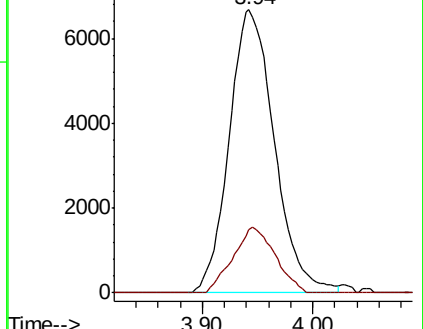
77 100

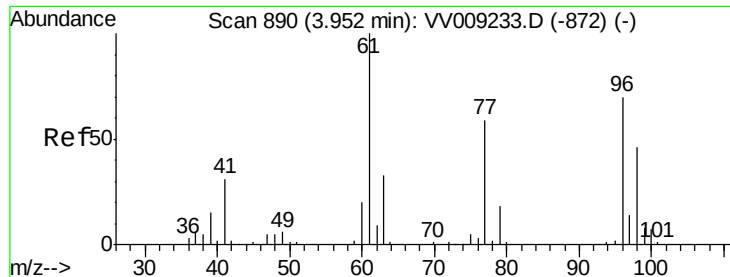
97 21.6 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009233.D (-868) (-)

Ion 96.90 (96.60 to 97.60): VV009233.D (-868) (-)

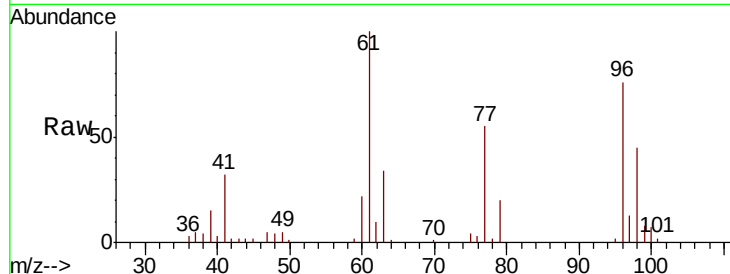




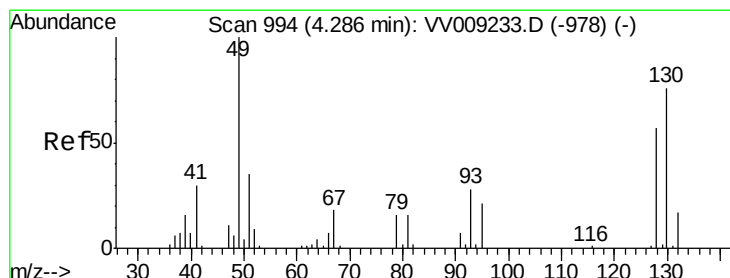
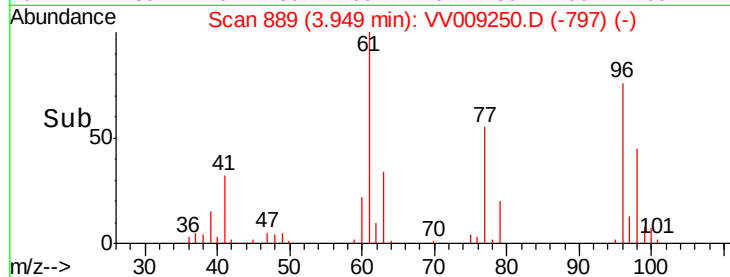
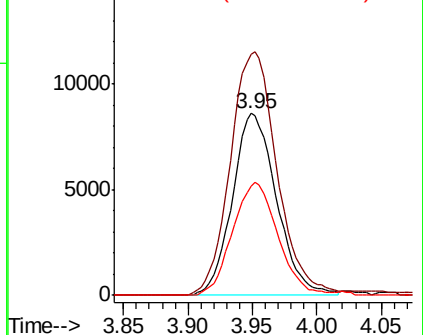
#27

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

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	296.4
98	63.2	0.0	130.0



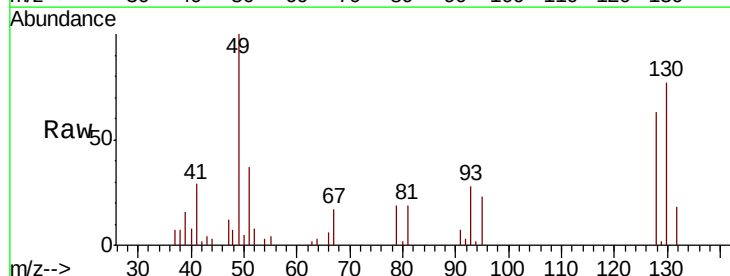
Abundance Ion 95.90 (95.60 to 96.60): VV0
 Ion 60.90 (60.60 to 61.60): VV0
 Ion 97.90 (97.60 to 98.60): VV0



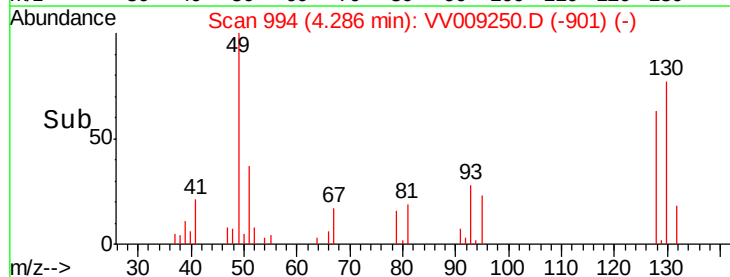
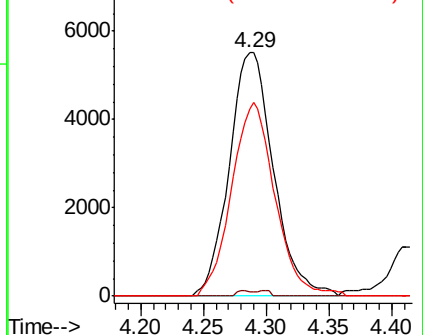
#28

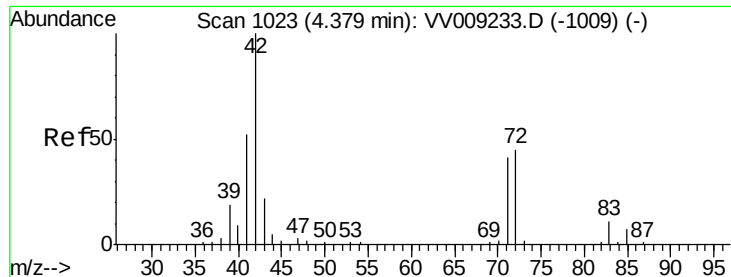
Bromochloromethane
 Concen: 19.573 ug/l
 RT: 4.29 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion	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): VV0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 135.195 ug/l

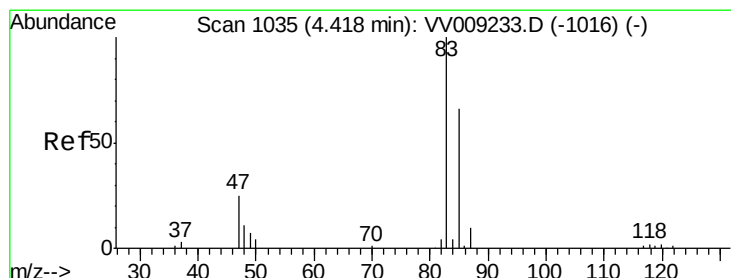
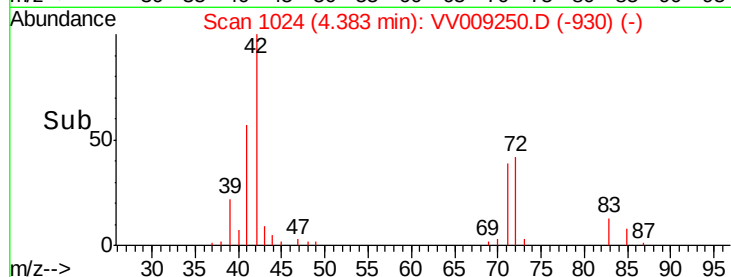
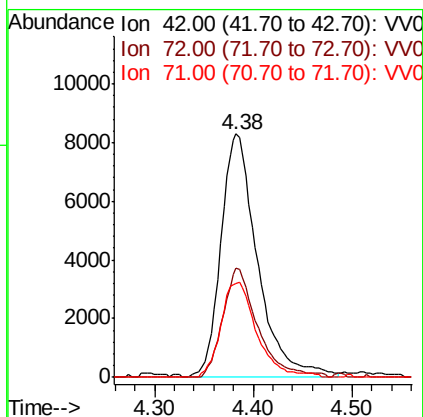
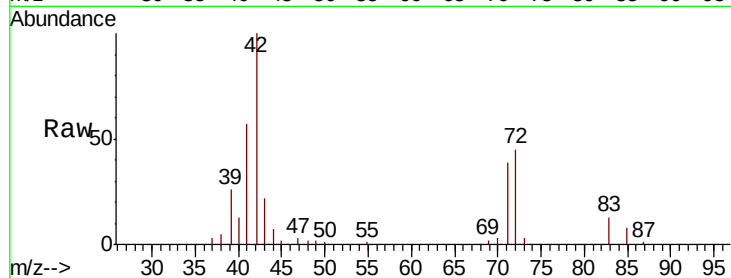
RT: 4.38 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt 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

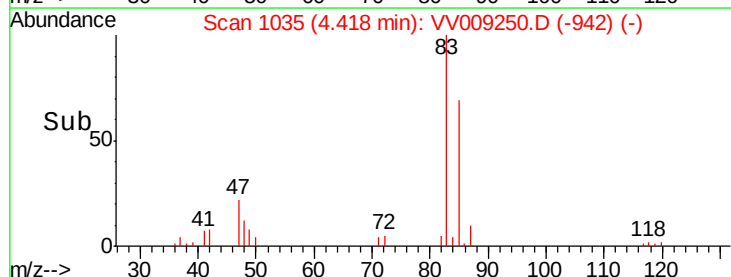
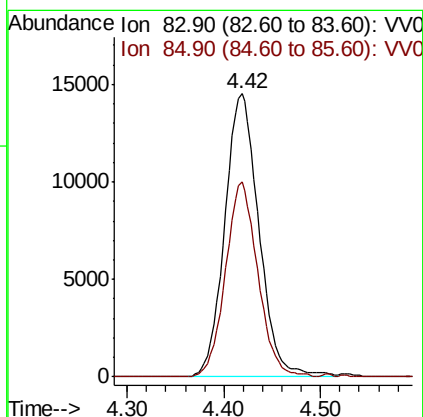
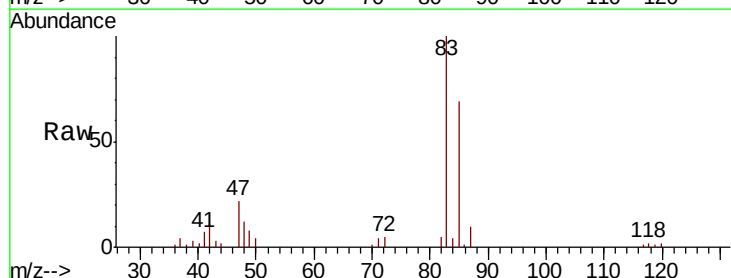
RT: 4.42 min Scan# 1035

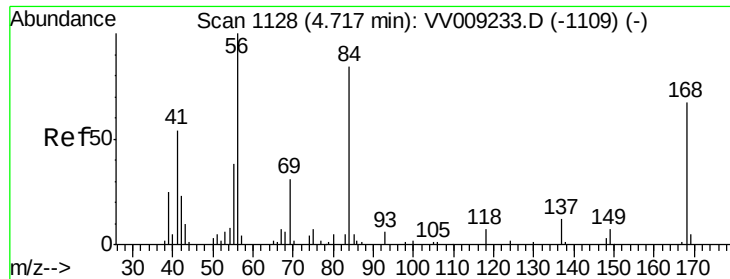
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

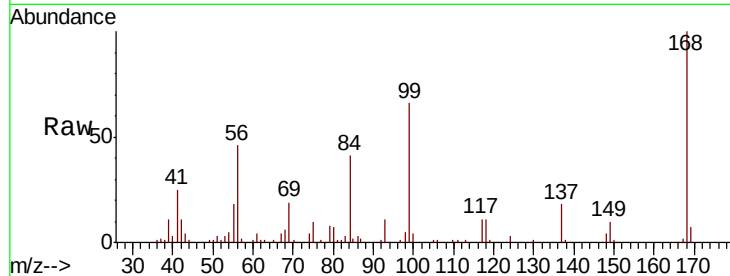
Tgt Ion:	83	Resp:	35661
Ion	Ratio	Lower	Upper
83	100		
85	68.7	52.6	79.0



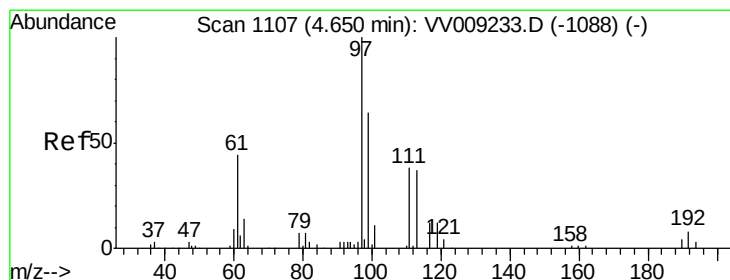
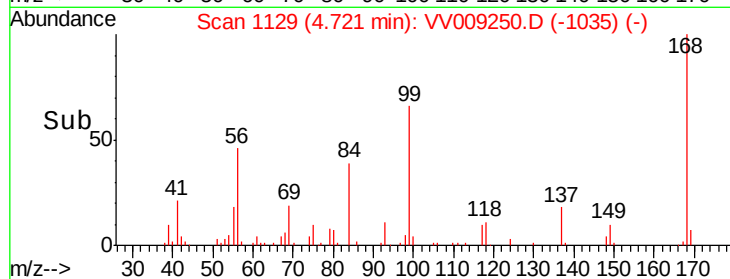
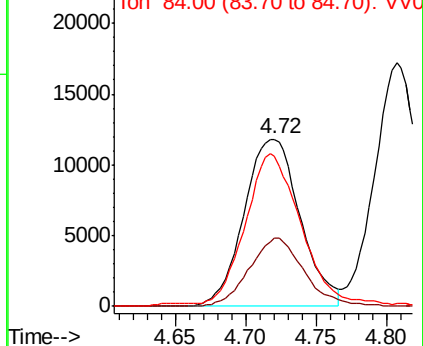


#31
Cyclohexane
Concen: 19.223 ug/l
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion: 56 Resp: 32887
Ion Ratio Lower Upper
56 100
69 40.5 25.1 37.7#
84 87.9 67.3 100.9

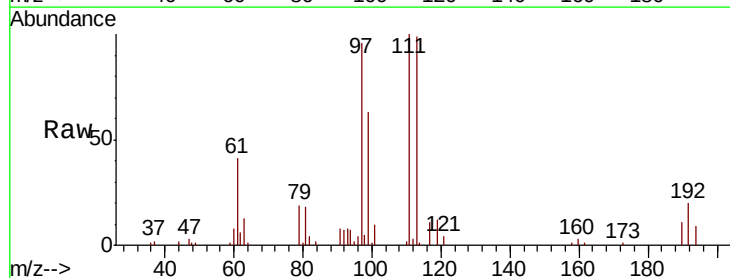


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

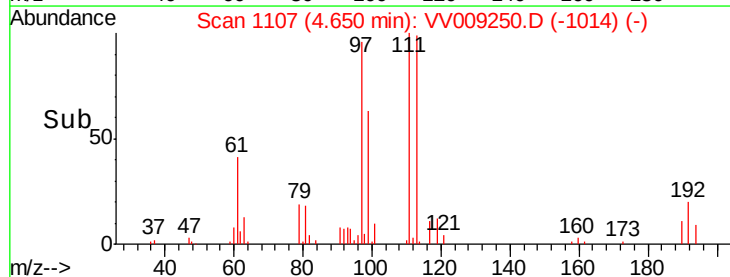
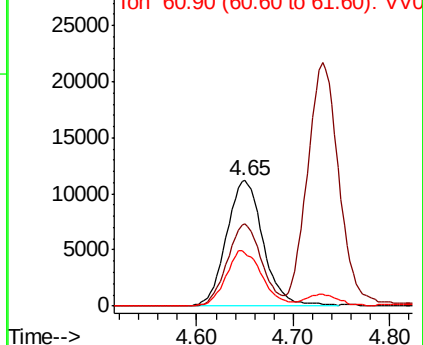


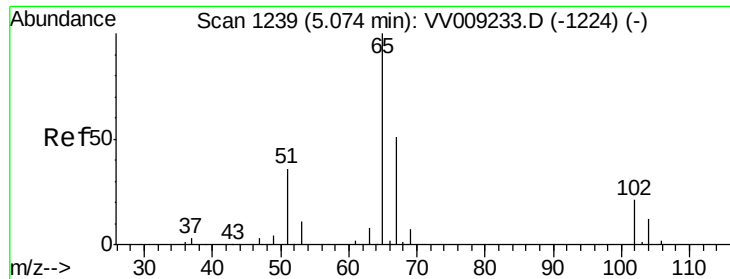
#32
1,1,1-Trichloroethane
Concen: 18.634 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



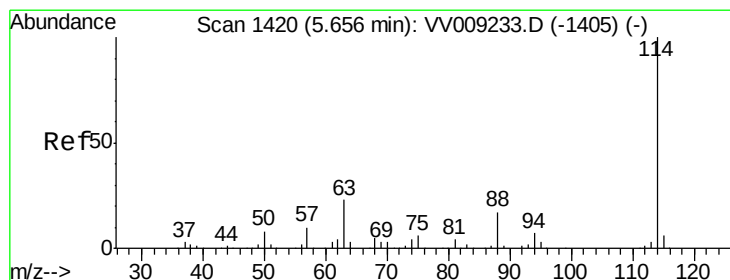
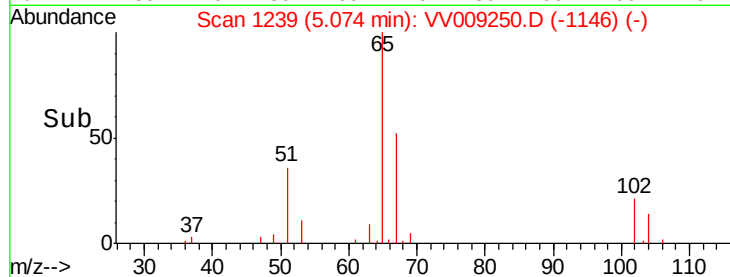
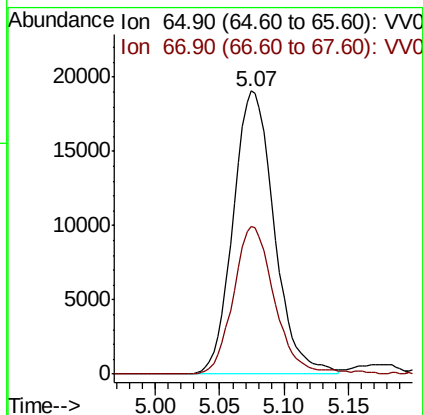
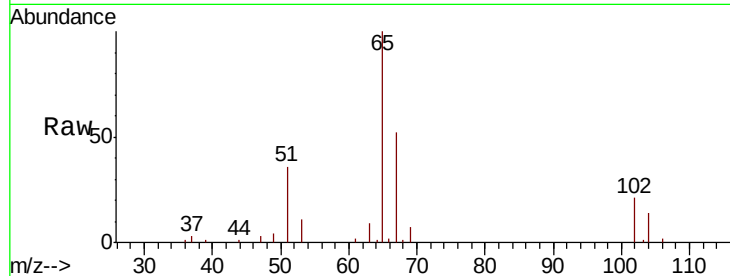
Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0





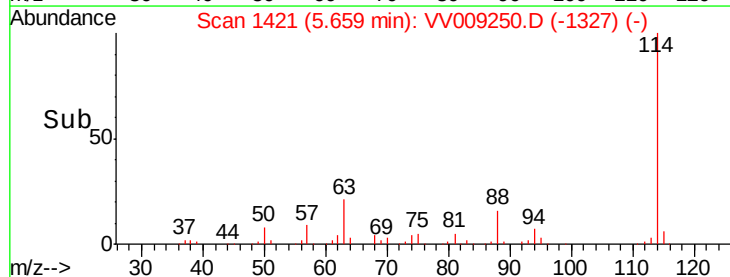
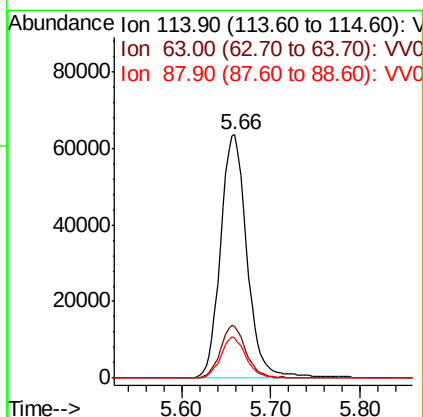
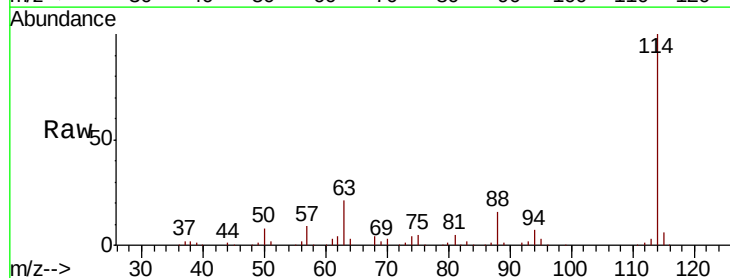
#33
 1,2-Dichloroethane-d4
 Concen: 44.752 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

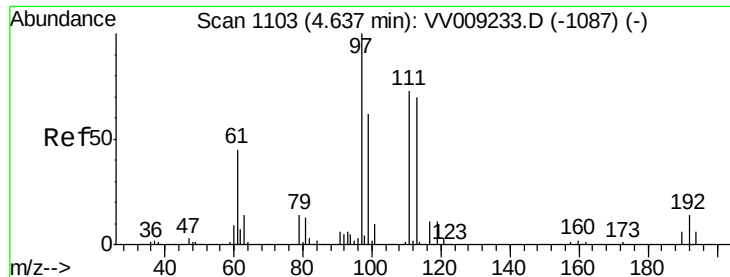
Tgt Ion: 65 Resp: 42293
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#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

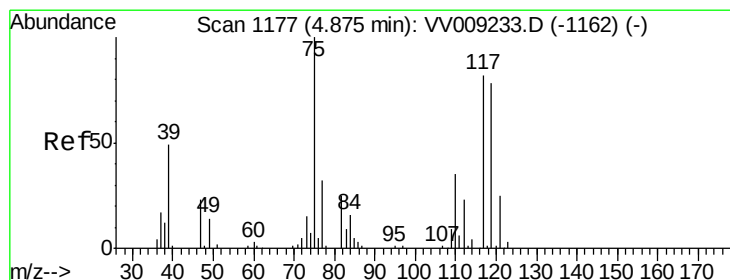
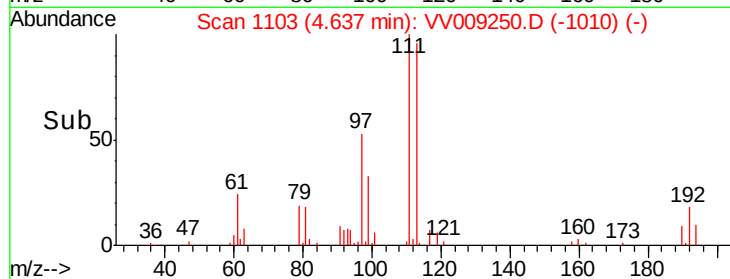
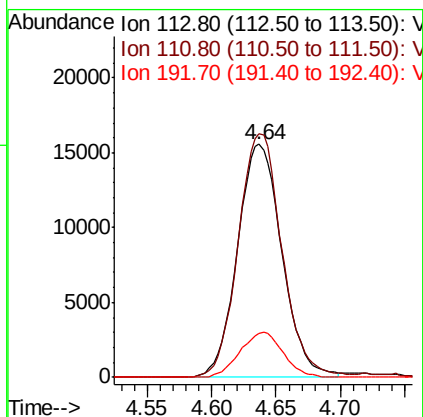
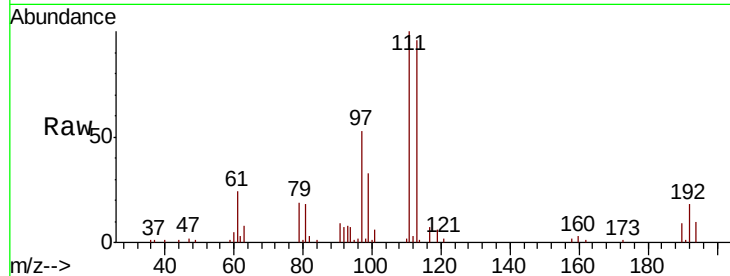
Tgt Ion: 114 Resp: 131279
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.2
 88 16.3 0.0 33.4





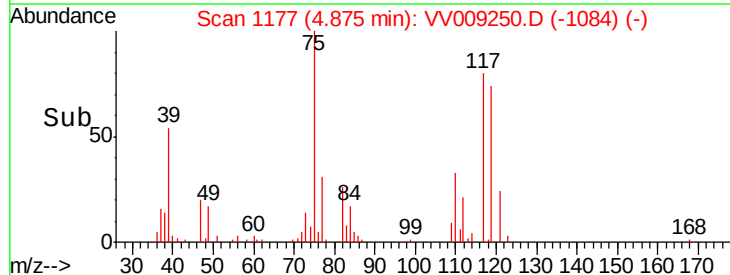
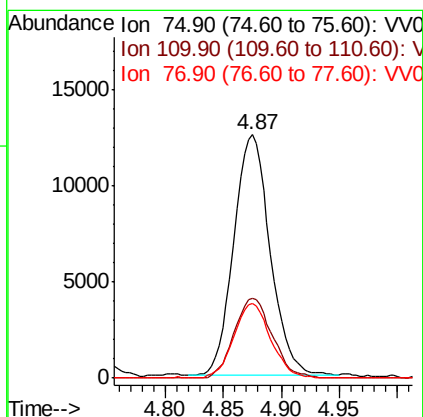
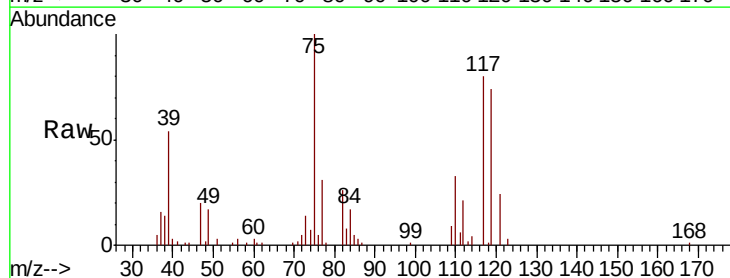
#35
 Dibromofluoromethane
 Concen: 43.735 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

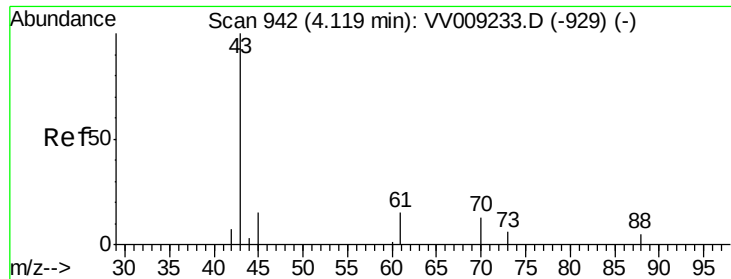
Tgt Ion: 113 Resp: 37361
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 18.7 15.0 22.6



#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





#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

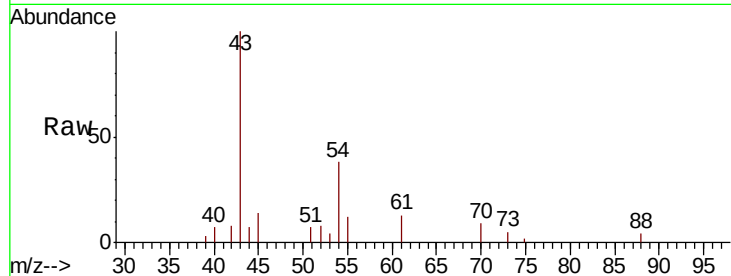
Tgt Ion: 43 Resp: 14197

Ion Ratio Lower Upper

43 100

61 14.1 12.0 18.0

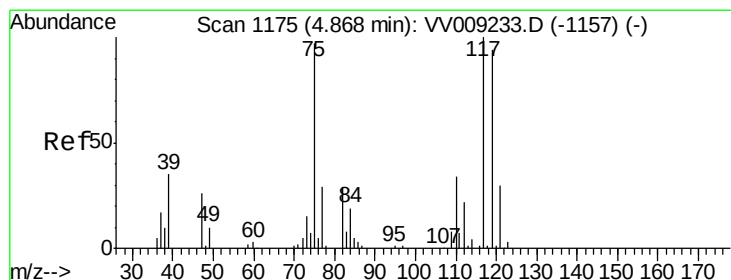
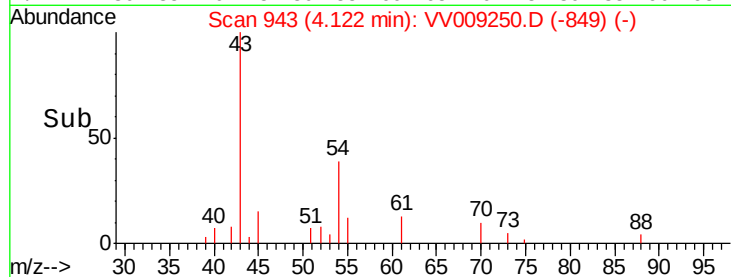
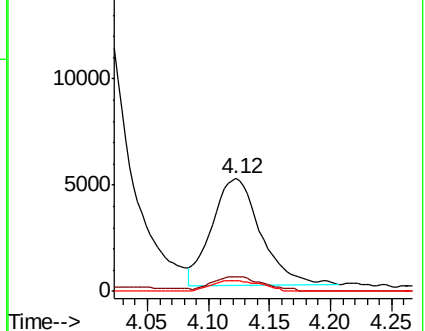
70 9.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-929) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-929) (-)

Ion 70.00 (69.70 to 70.70): VV009233.D (-929) (-)



#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

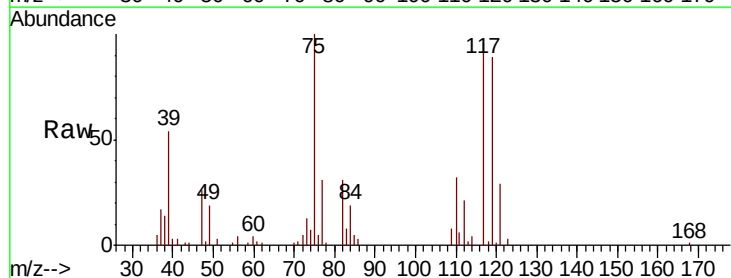
Tgt Ion: 117 Resp: 27139

Ion Ratio Lower Upper

117 100

119 93.3 75.4 113.2

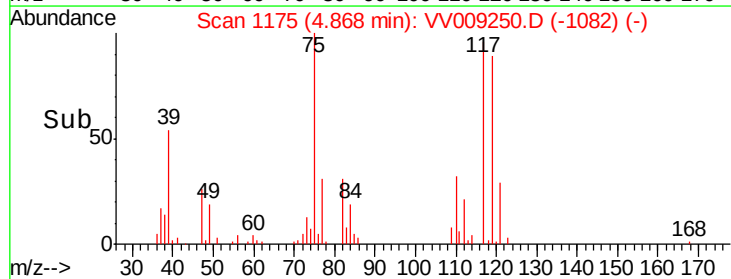
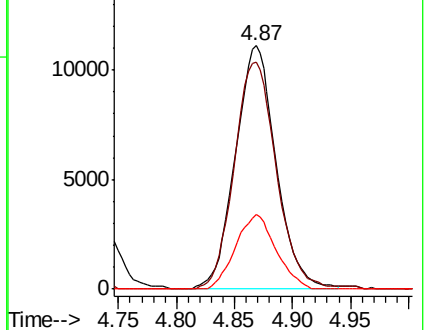
121 30.6 24.2 36.2

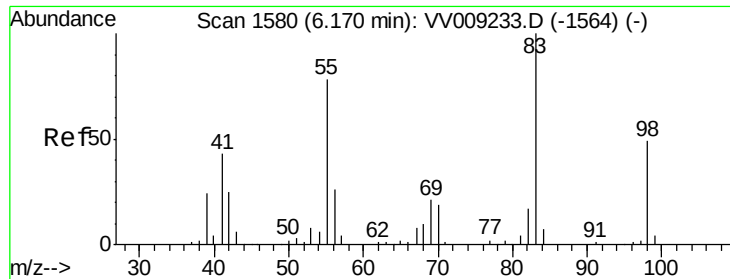


Abundance Ion 116.80 (116.50 to 117.50): VV009233.D (-1157) (-)

Ion 118.80 (118.50 to 119.50): VV009233.D (-1157) (-)

Ion 120.80 (120.50 to 121.50): VV009233.D (-1157) (-)





#39

Methylcyclohexane

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

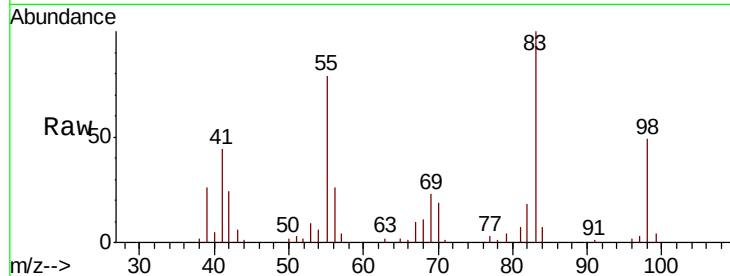
Tgt Ion: 83 Resp: 33663

Ion Ratio Lower Upper

83 100

55 79.2 62.8 94.2

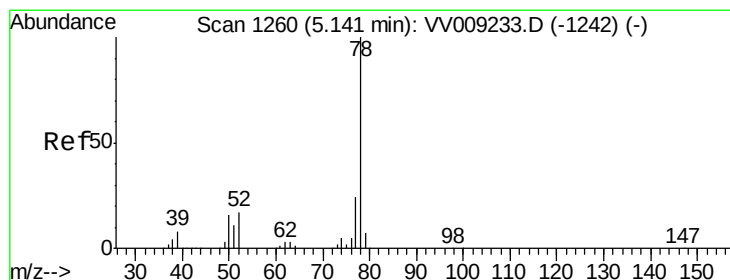
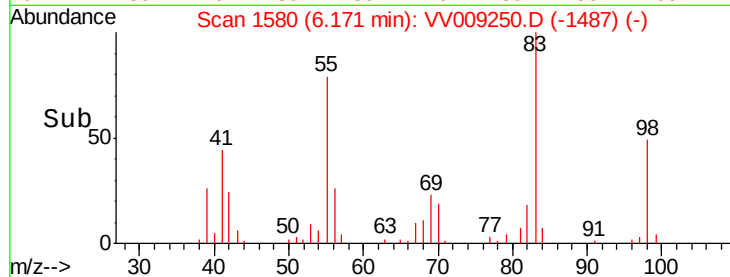
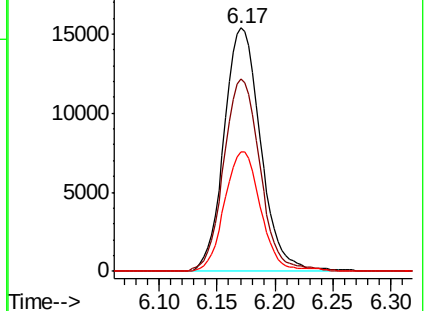
98 49.1 39.1 58.7



Abundance Ion 83.00 (82.70 to 83.70): VV009233.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV009233.D (-1564) (-)



#40

Benzene

Concen: 19.025 ug/l

RT: 5.14 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VV009250.D

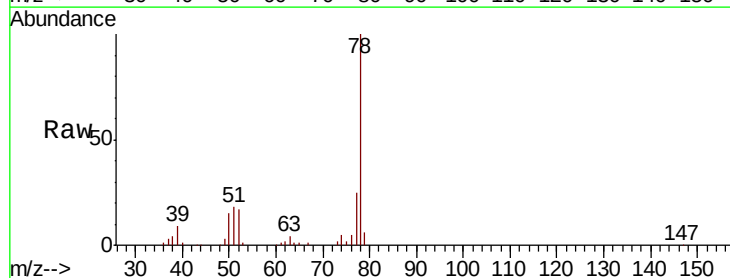
Acq: 23 Jan 2019 17:02

Tgt Ion: 78 Resp: 77558

Ion Ratio Lower Upper

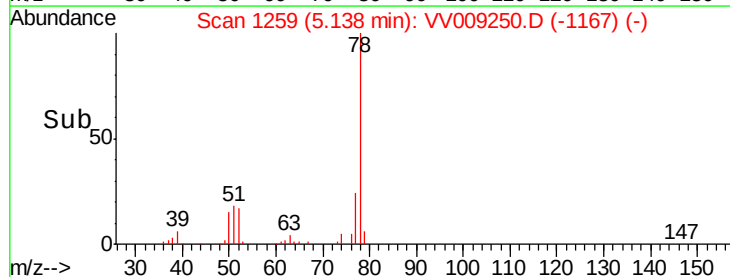
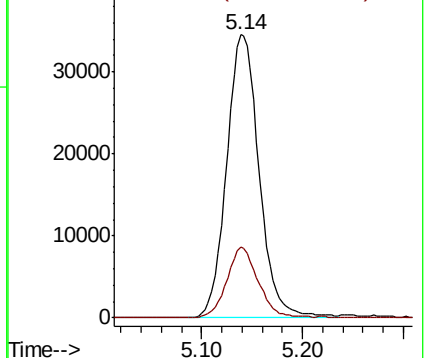
78 100

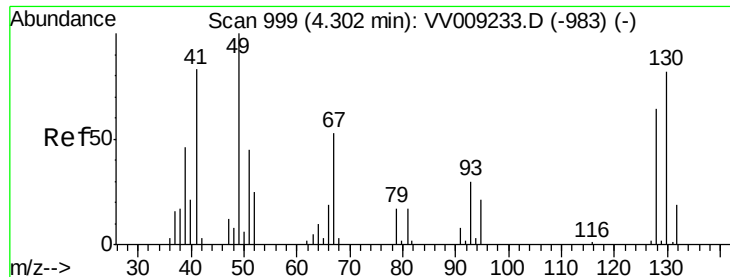
77 25.1 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VV009233.D (-1242) (-)

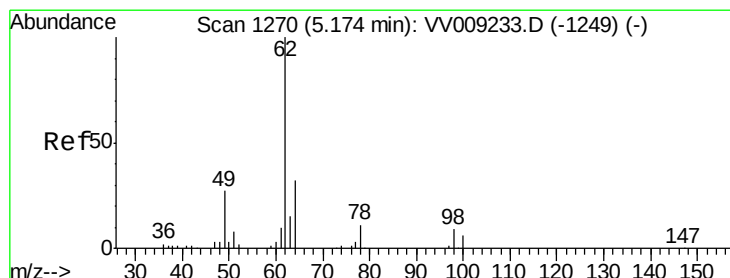
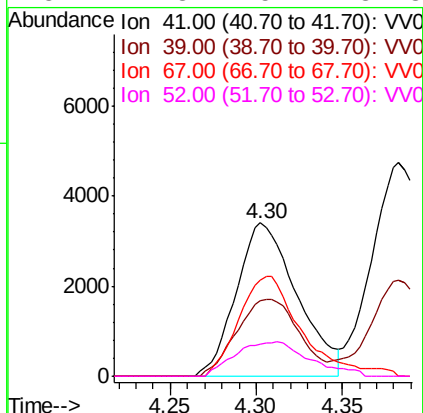
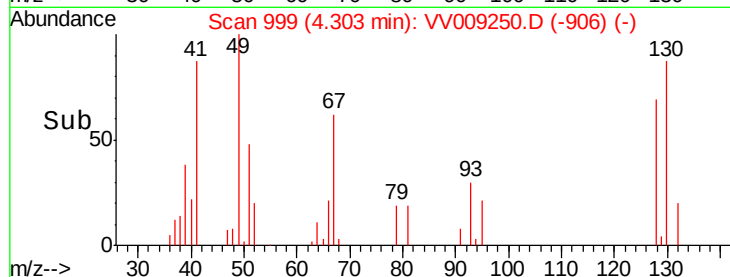
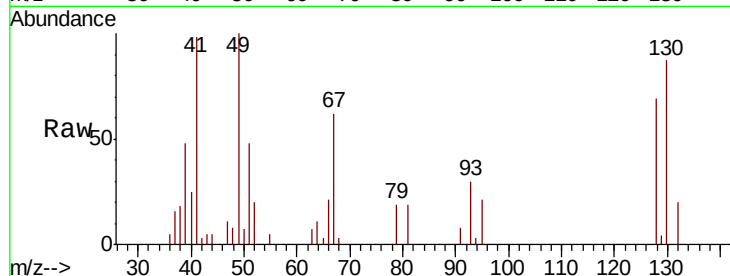
Ion 77.00 (76.70 to 77.70): VV009233.D (-1242) (-)





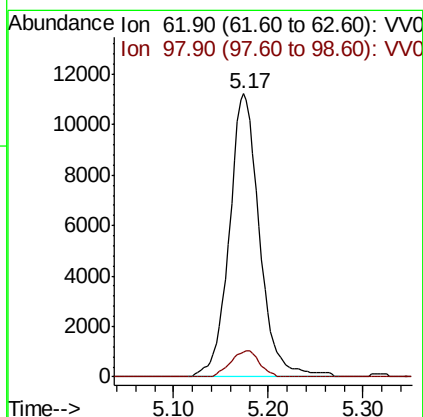
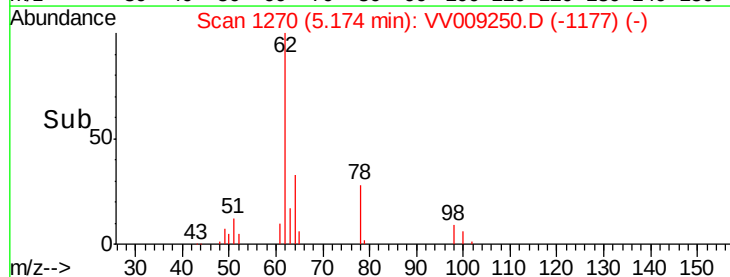
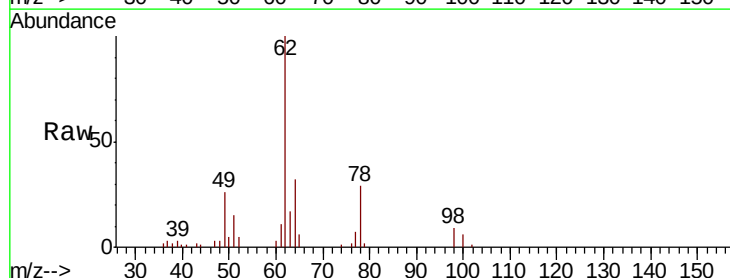
#41
Methacrylonitrile
Concen: 24.728 ug/l
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

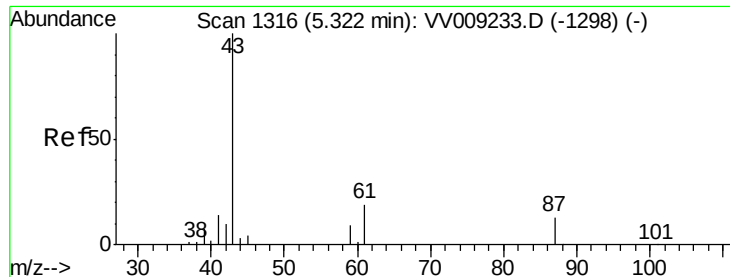
Tgt Ion: 41 Resp: 8348
Ion Ratio Lower Upper
41 100
39 51.2 45.4 68.0
67 65.7 55.5 83.3
52 27.3 25.2 37.8



#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





#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

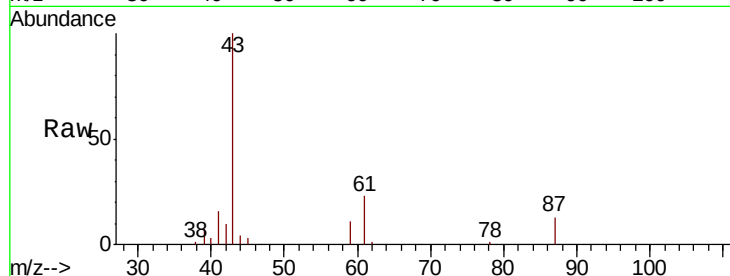
Tgt Ion: 43 Resp: 25662

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

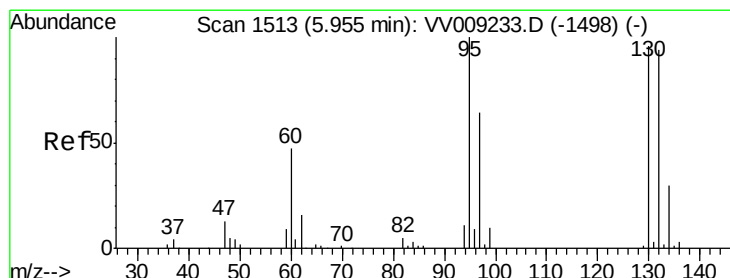
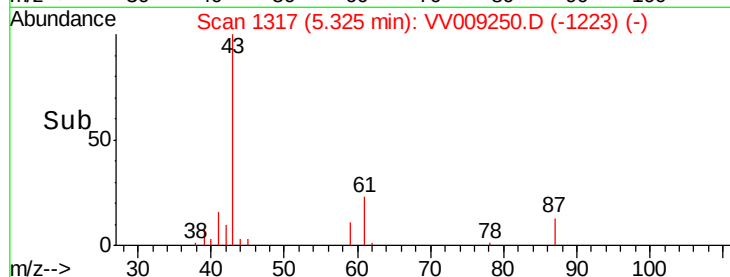
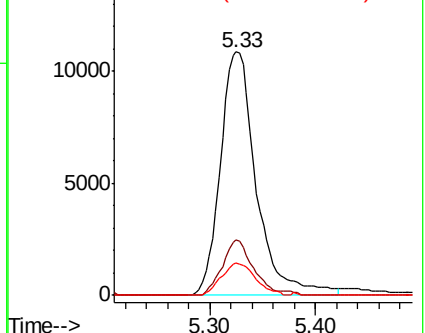
87 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1298) (-)

Ion 61.00 (60.70 to 61.70): VV009233.D (-1298) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-1298) (-)



#44

Trichloroethene

Concen: 18.773 ug/l

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV009250.D

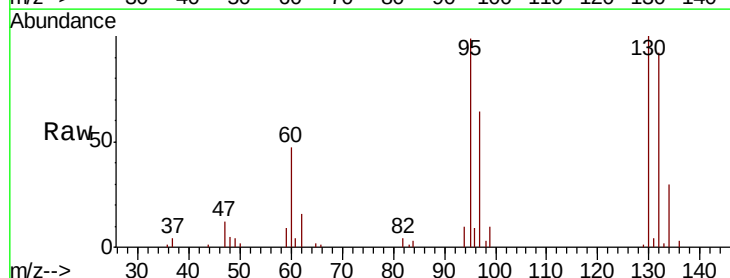
Acq: 23 Jan 2019 17:02

Tgt Ion: 130 Resp: 20139

Ion Ratio Lower Upper

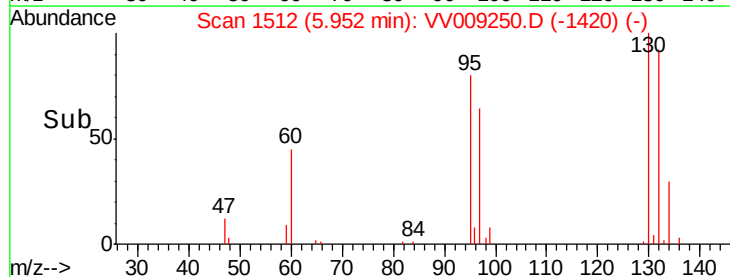
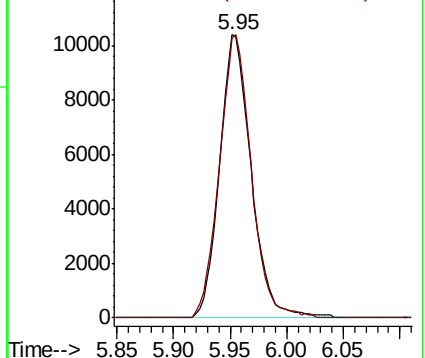
130 100

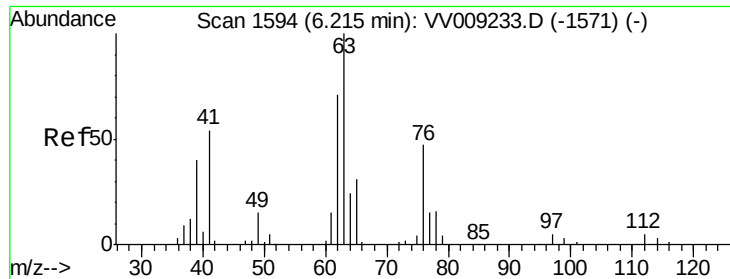
95 98.6 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)

Ion 94.90 (94.60 to 95.60): VV009233.D (-1498) (-)





#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

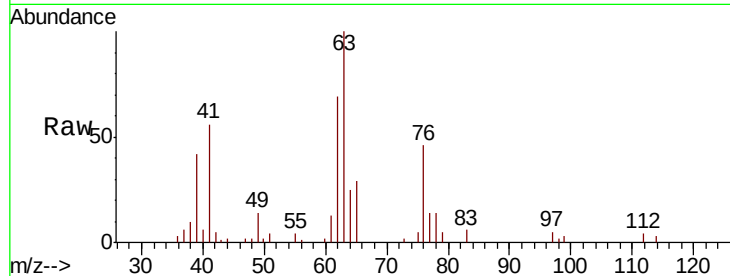
Acq: 23 Jan 2019 17:02

Tgt 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): VV009233.D (-1571) (-)

Ion 64.90 (64.60 to 65.60): VV009233.D (-1571) (-)

6.22

10000

8000

6000

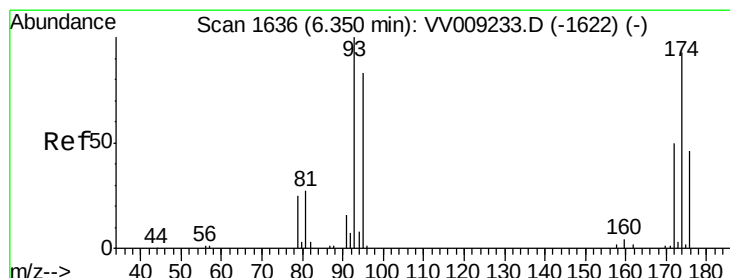
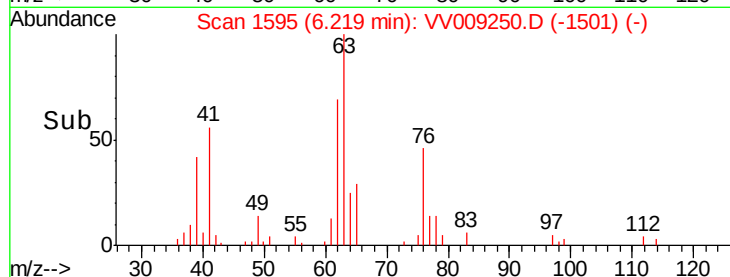
4000

2000

0

6.15 6.20 6.25 6.30

Time-->



#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

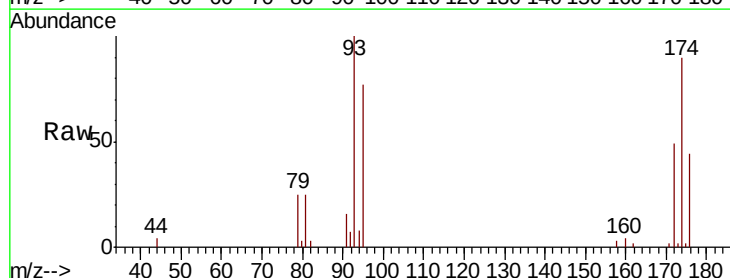
Tgt Ion: 93 Resp: 11095

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): VV009233.D (-1622) (-)

Ion 94.80 (94.50 to 95.50): VV009233.D (-1622) (-)

Ion 173.70 (173.40 to 174.40): VV009233.D (-1622) (-)

6.35

8000

6000

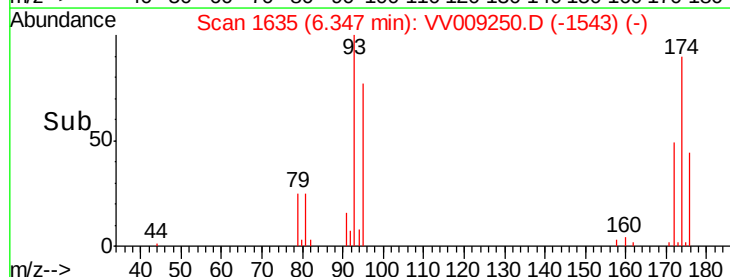
4000

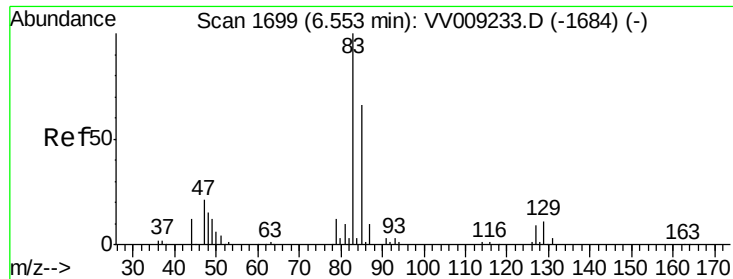
2000

0

6.30 6.35 6.40

Time-->





#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

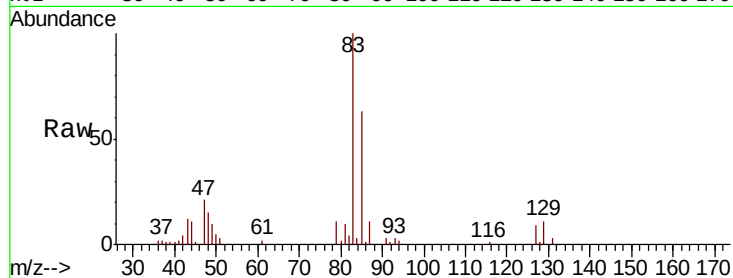
Tgt Ion: 83 Resp: 25269

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

127 9.0 7.0 10.6

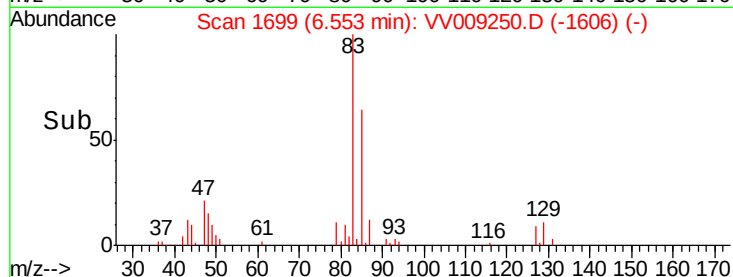


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

Ion 84.90 (84.60 to 85.60): VV009233.D (-1684) (-)

Ion 126.80 (126.50 to 127.50): VV009233.D (-1684) (-)

Time-->

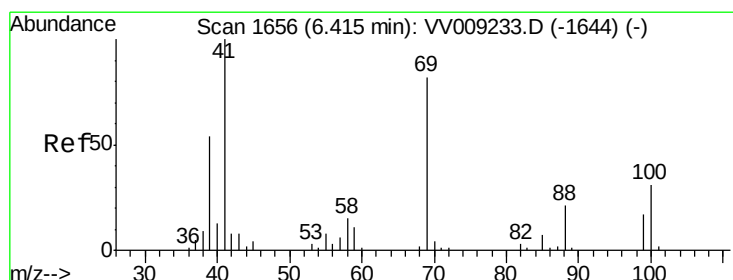


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

Ion 84.90 (84.60 to 85.60): VV009233.D (-1684) (-)

Ion 126.80 (126.50 to 127.50): VV009233.D (-1684) (-)

Time-->



#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

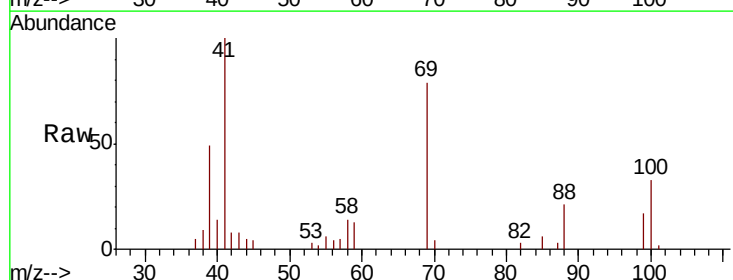
Tgt Ion: 41 Resp: 12932

Ion Ratio Lower Upper

41 100

69 76.2 65.8 98.6

39 50.9 43.4 65.0

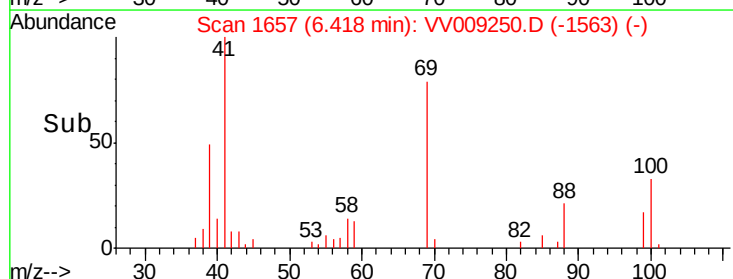


Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

Ion 69.00 (68.70 to 69.70): VV009233.D (-1644) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-1644) (-)

Time-->

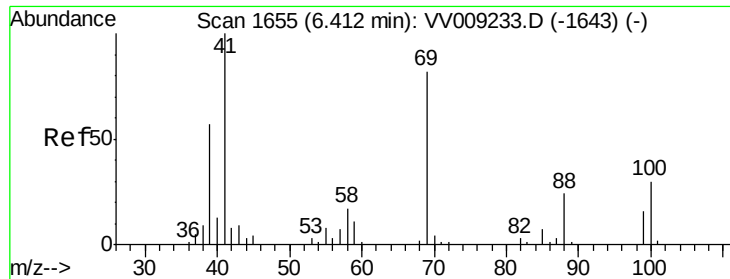


Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

Ion 69.00 (68.70 to 69.70): VV009233.D (-1644) (-)

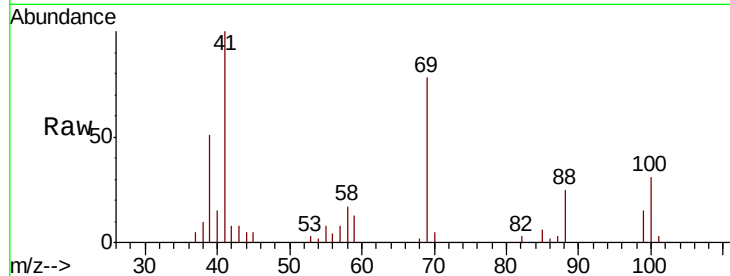
Ion 39.00 (38.70 to 39.70): VV009233.D (-1644) (-)

Time-->

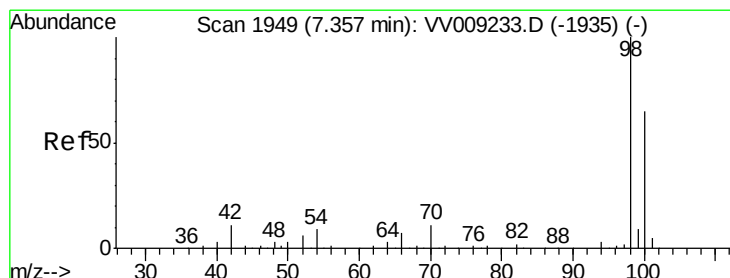
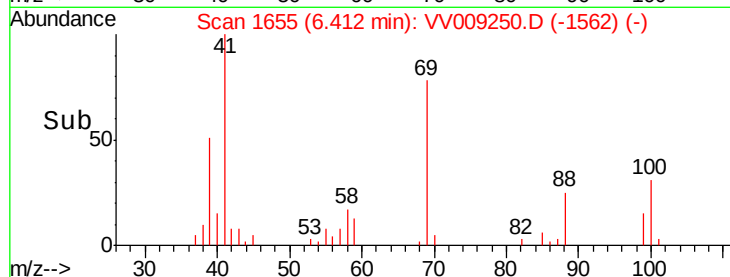
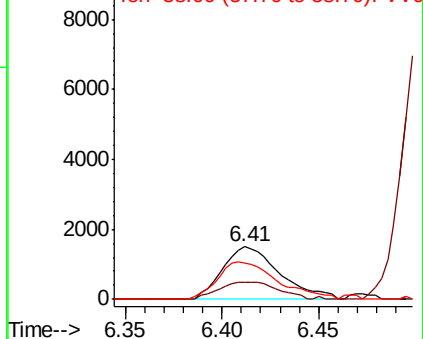


#49
1,4-Dioxane
Concen: 479.455 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

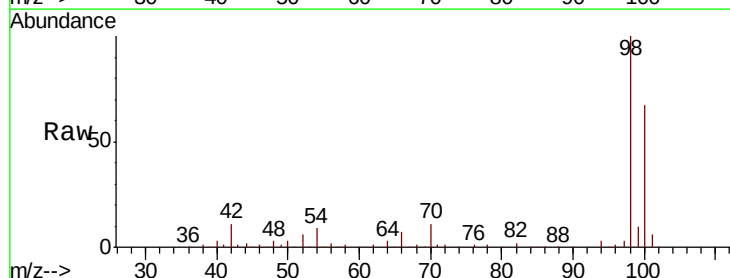


Abundance Ion 88.00 (87.70 to 88.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0

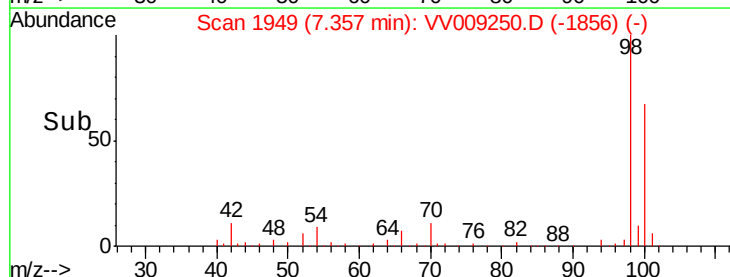
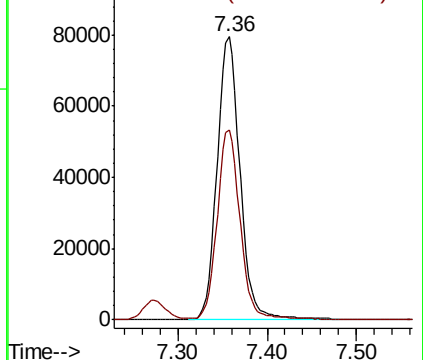


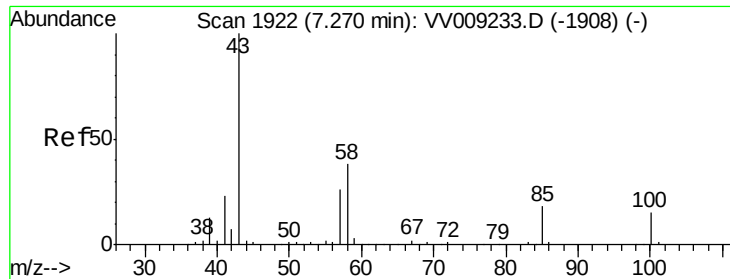
#50
Toluene-d8
Concen: 42.699 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

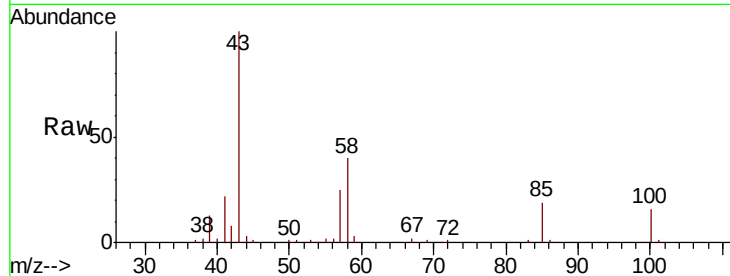
Acq: 23 Jan 2019 17:02

Tgt Ion: 43 Resp: 65407

Ion Ratio Lower Upper

43 100

58 39.0 30.4 45.6

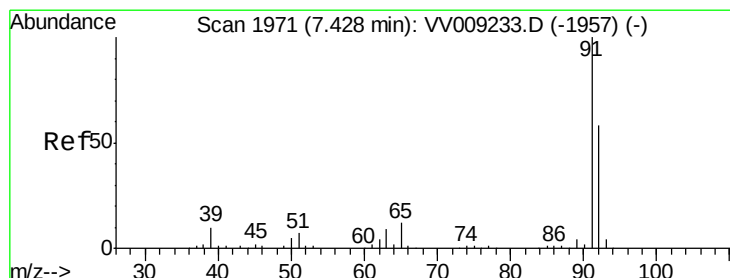
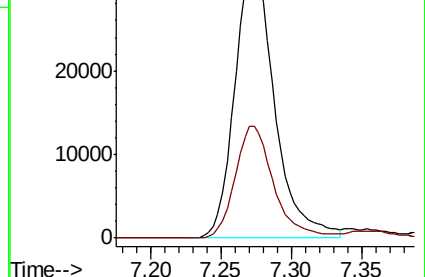
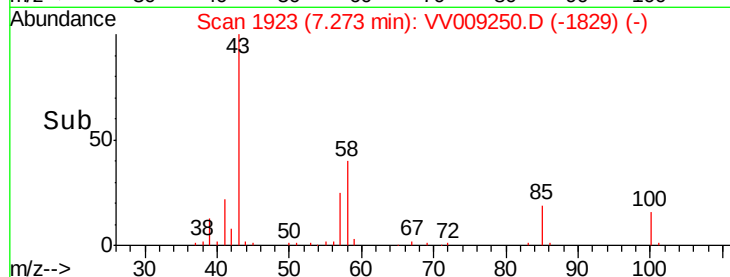


Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

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

7.27

Time-->



#52

Toluene

Concen: 19.024 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009250.D

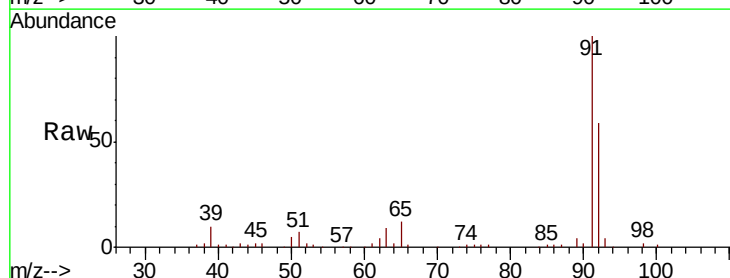
Acq: 23 Jan 2019 17:02

Tgt Ion: 92 Resp: 49058

Ion Ratio Lower Upper

92 100

91 171.4 137.2 205.8

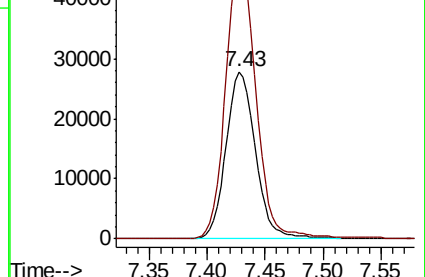
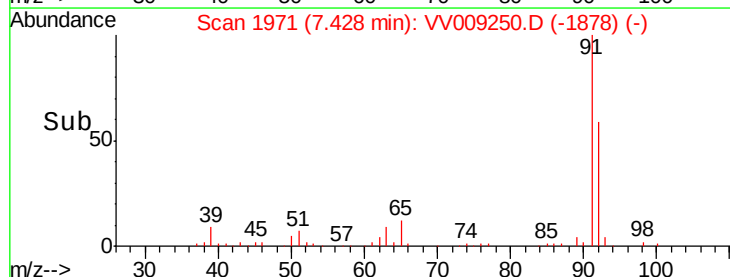


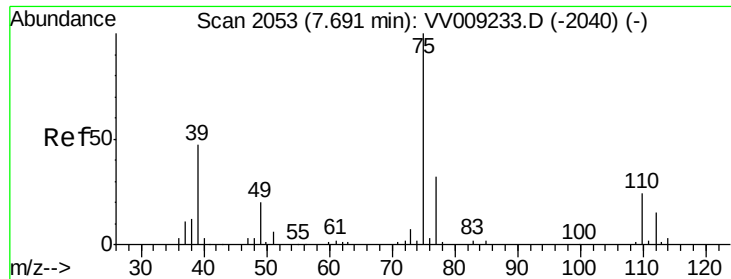
Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

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

7.43

Time-->





#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

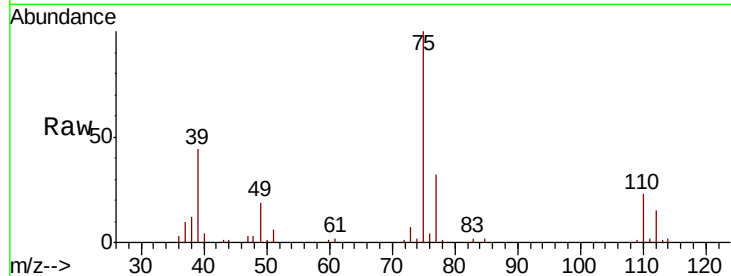
Acq: 23 Jan 2019 17:02

Tgt Ion: 75 Resp: 25282

Ion Ratio Lower Upper

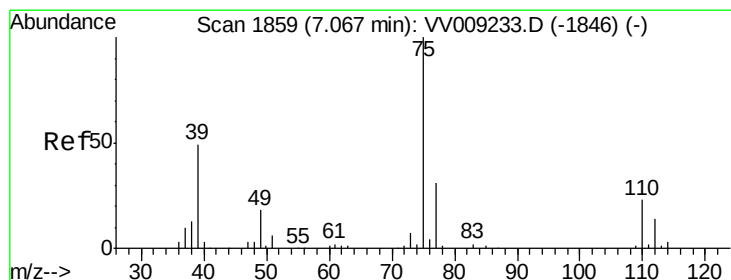
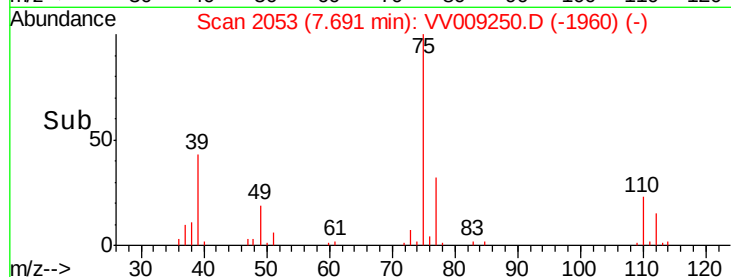
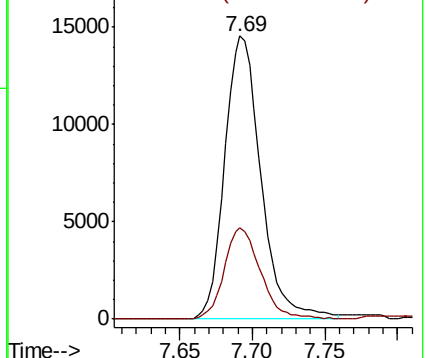
75 100

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

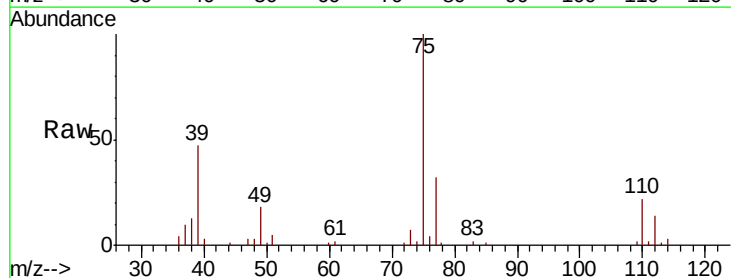
Tgt Ion: 75 Resp: 28957

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

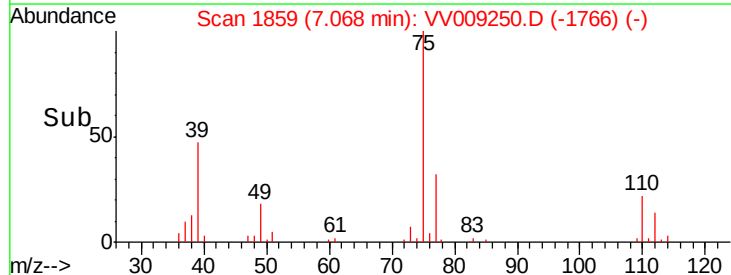
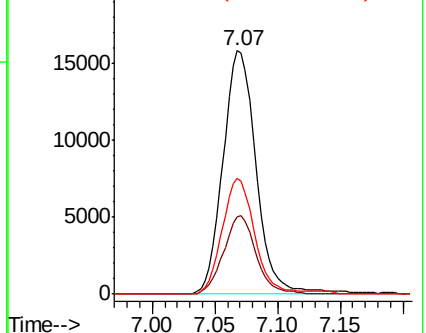
39 47.4 38.8 58.2

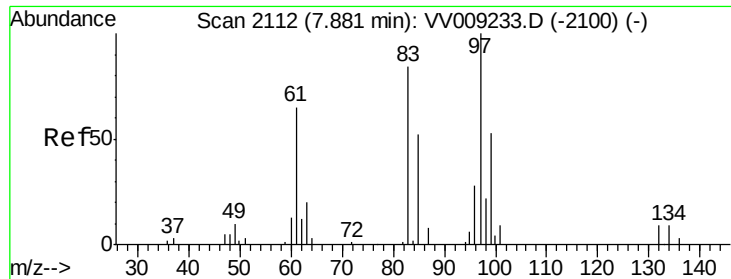


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

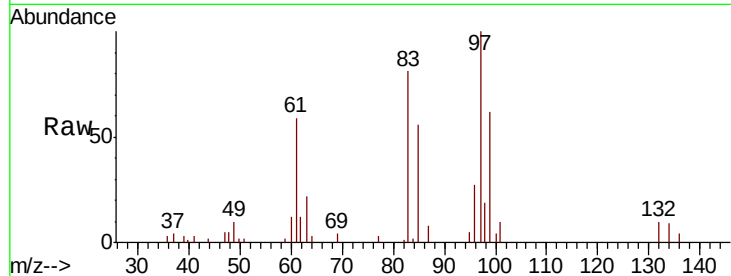
Ion 39.00 (38.70 to 39.70): VV0



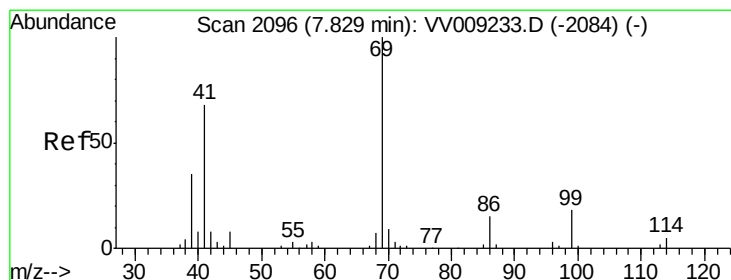
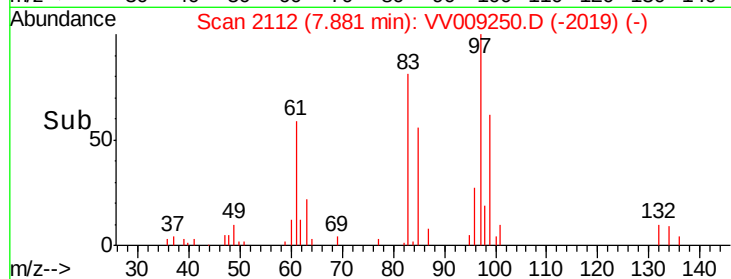
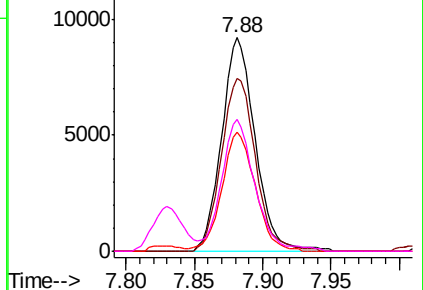


#55
 1,1,2-Trichloroethane
 Concen: 22.197 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt 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

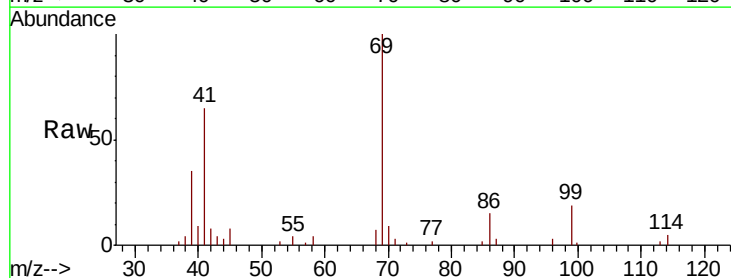


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

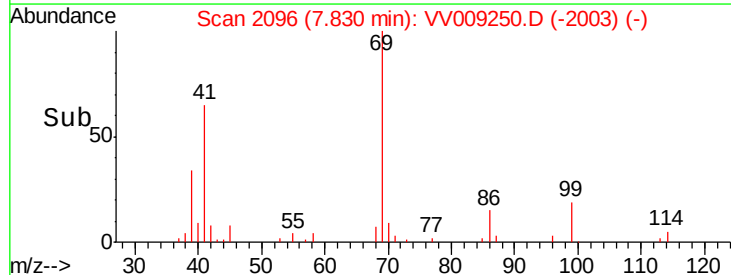
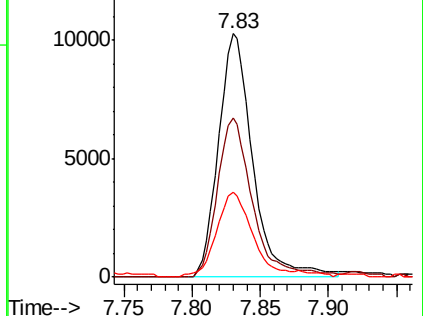


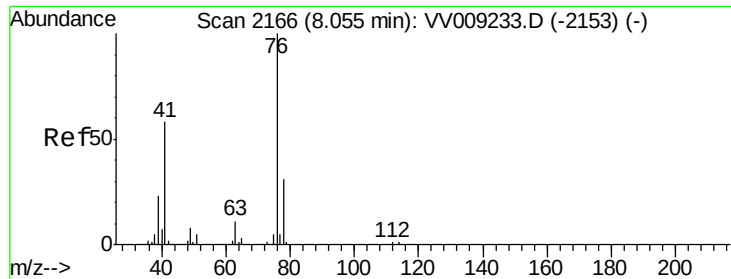
#56
 Ethyl methacrylate
 Concen: 21.730 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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

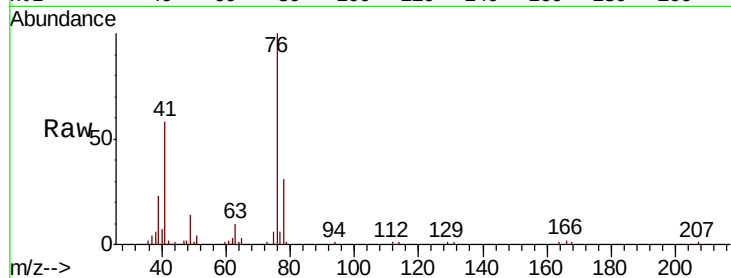
Acq: 23 Jan 2019 17:02

Tgt Ion: 76 Resp: 27434

Ion Ratio Lower Upper

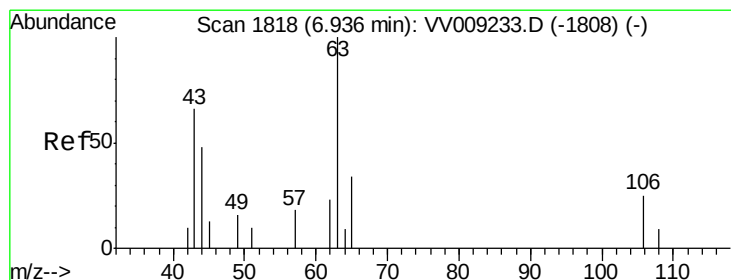
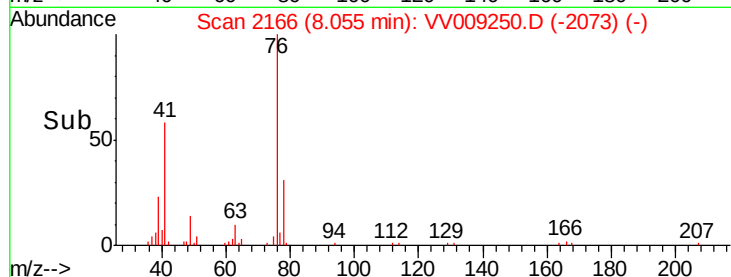
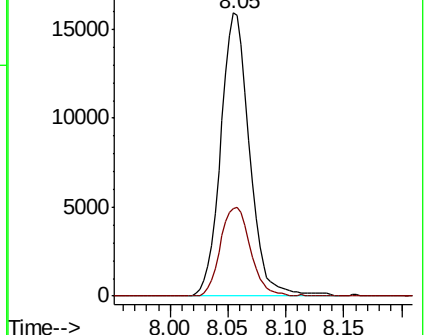
76 100

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): VV009233.D (-2153) (-)



#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

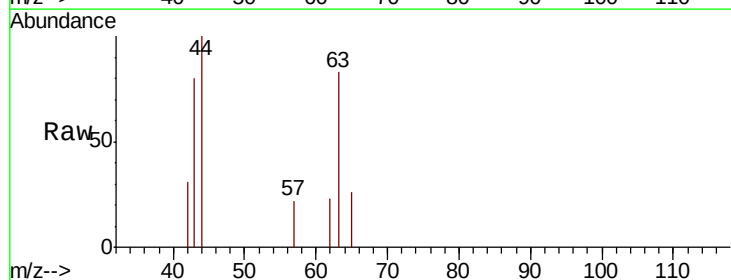
Acq: 23 Jan 2019 17:02

Tgt Ion: 63 Resp: 559

Ion Ratio Lower Upper

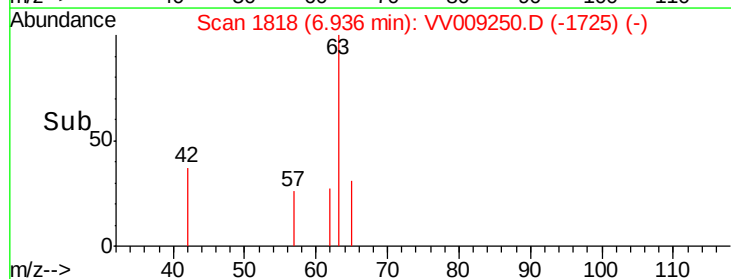
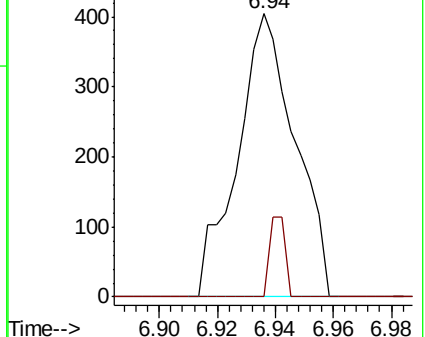
63 100

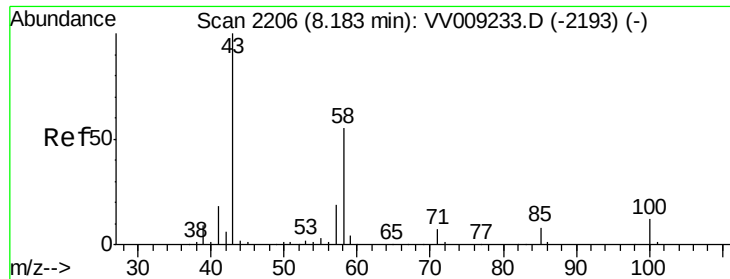
106 7.9 19.0 28.6



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

Ion 105.90 (105.60 to 106.60): VV009233.D (-1808) (-)





#59

2-Hexanone

Concen: 122.806 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009250.D

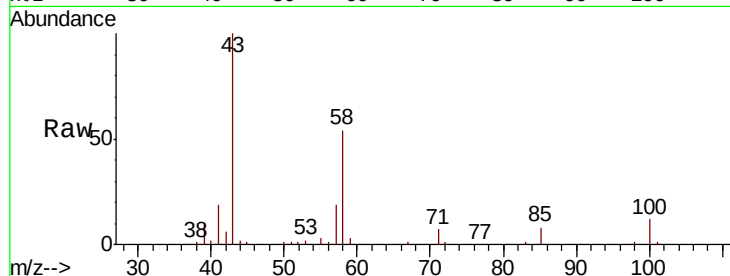
Acq: 23 Jan 2019 17:02

Tgt 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

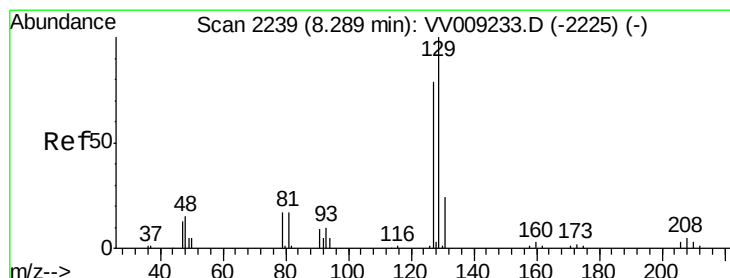
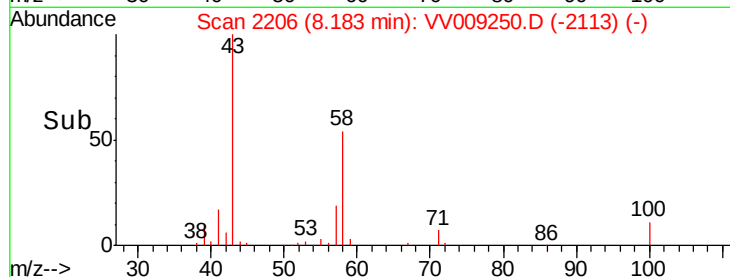
10000

5000

0

8.10 8.15 8.20 8.25 8.30

Time-->



#60

Dibromochloromethane

Concen: 20.577 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009250.D

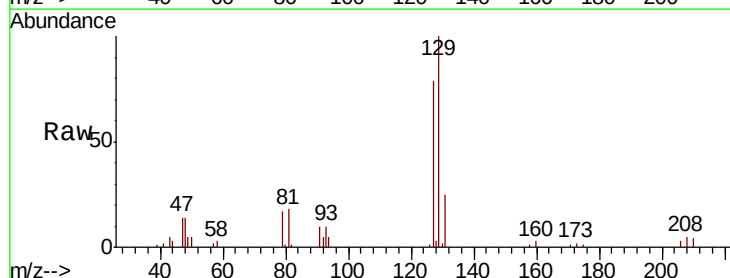
Acq: 23 Jan 2019 17:02

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

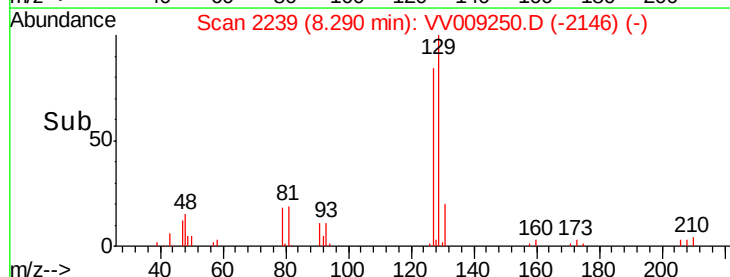
4000

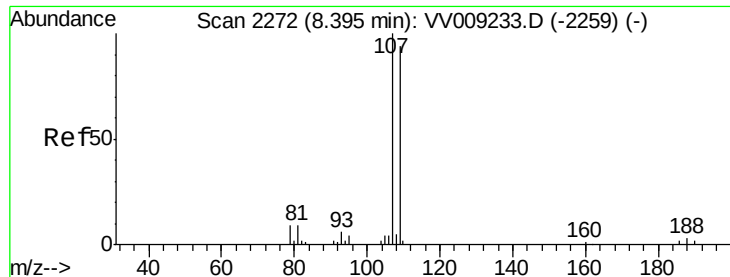
2000

0

8.25 8.30 8.35

Time-->





#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

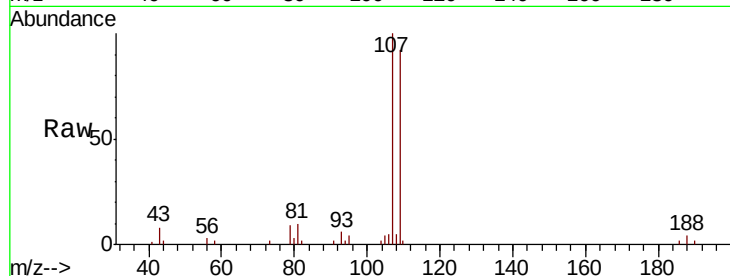
Acq: 23 Jan 2019 17:02

Tgt 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

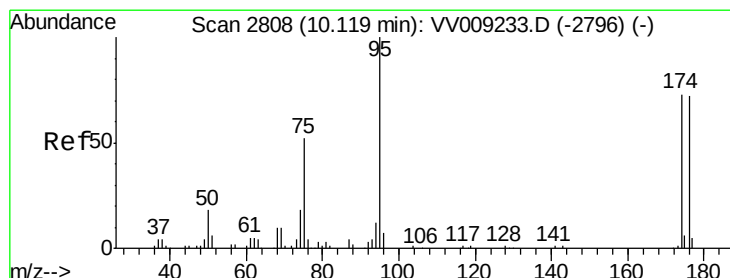
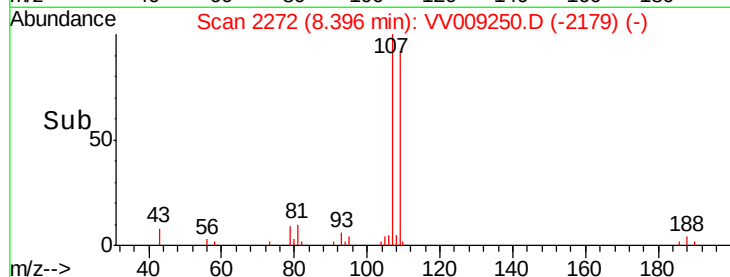
4000

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

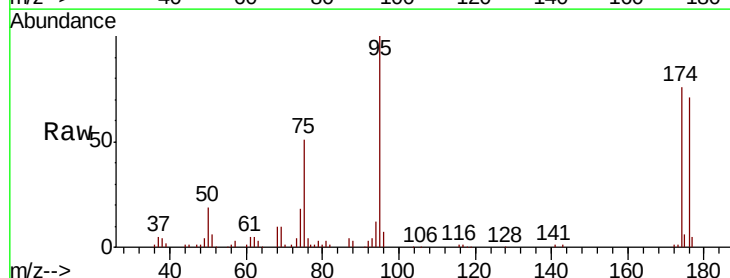
Tgt Ion: 95 Resp: 54438

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

10.12

40000

30000

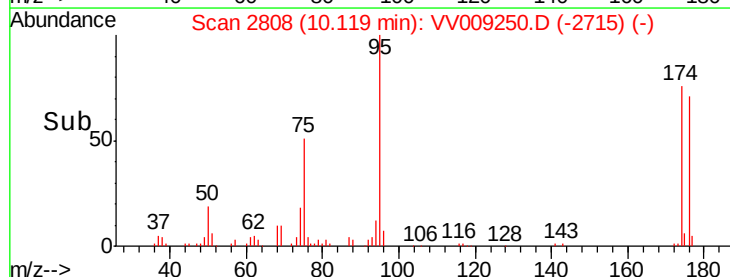
20000

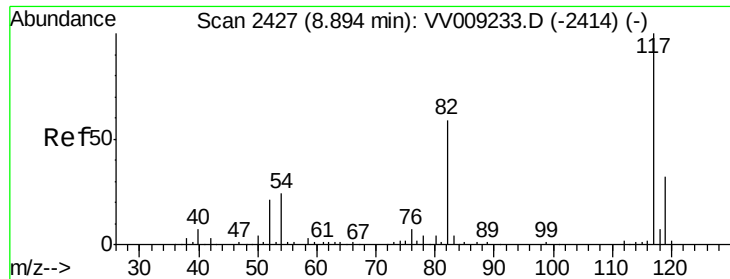
10000

0

Time-->

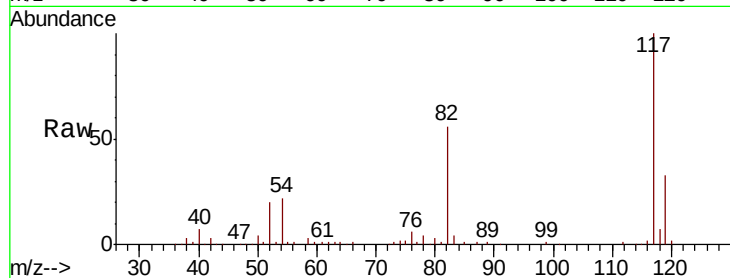
10.10 10.20



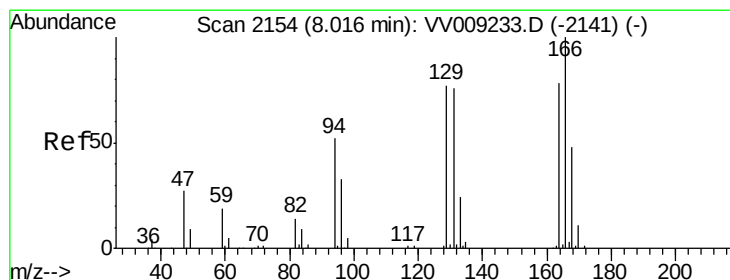
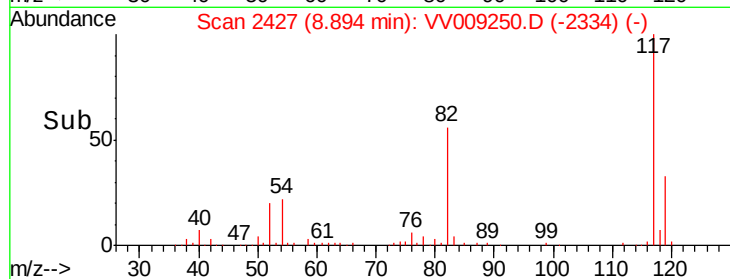
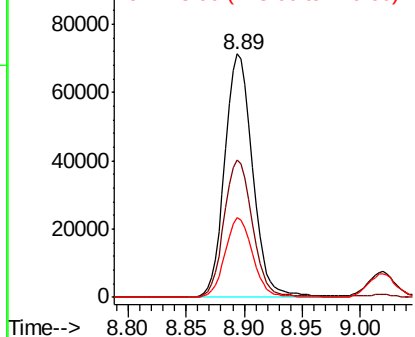


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

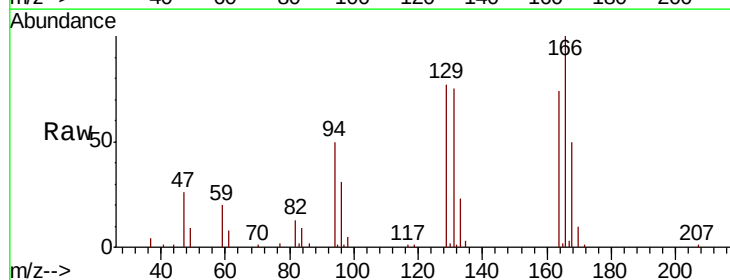


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

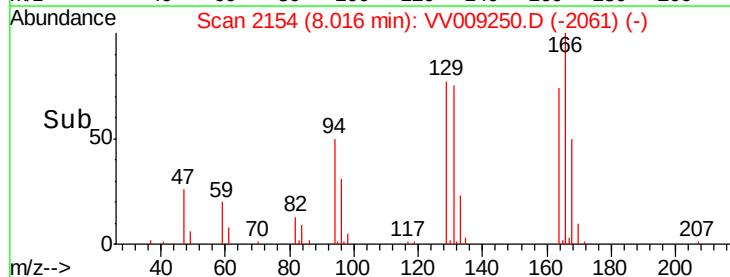
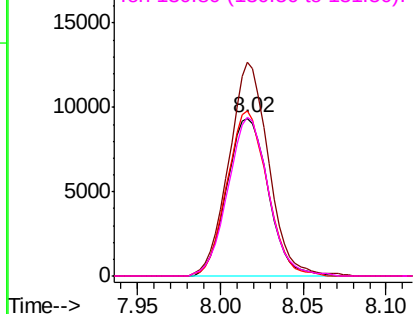


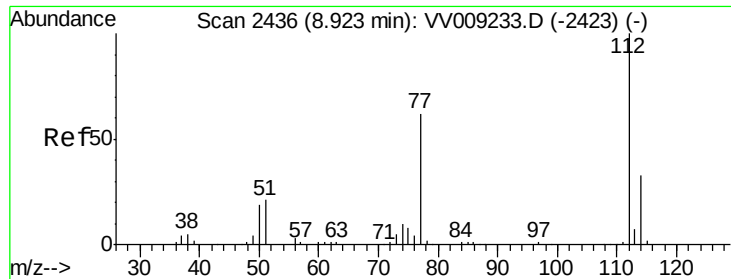
#64
Tetrachloroethene
Concen: 19.182 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



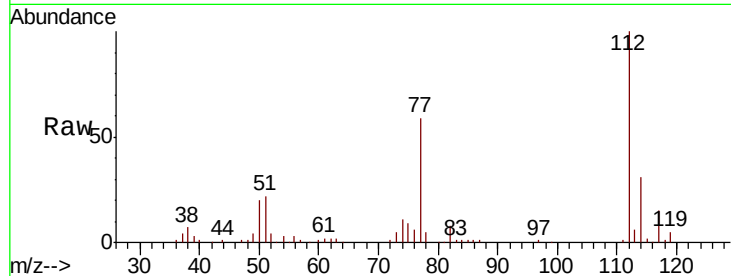
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



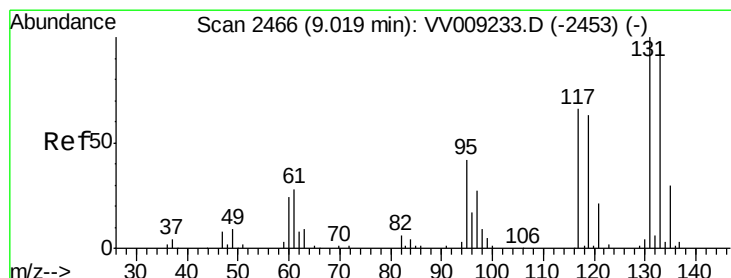
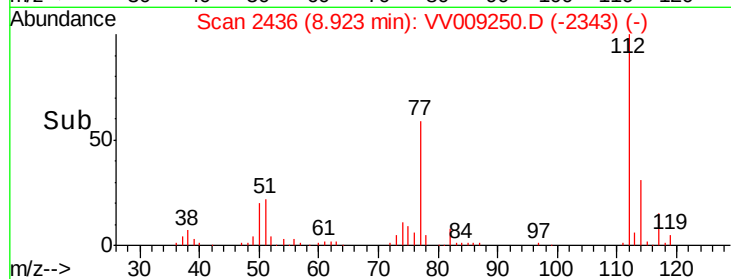
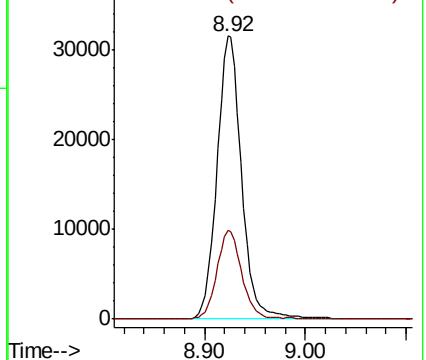


#65
Chlorobenzene
Concen: 19.337 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

Tgt Ion:112 Resp: 53540
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

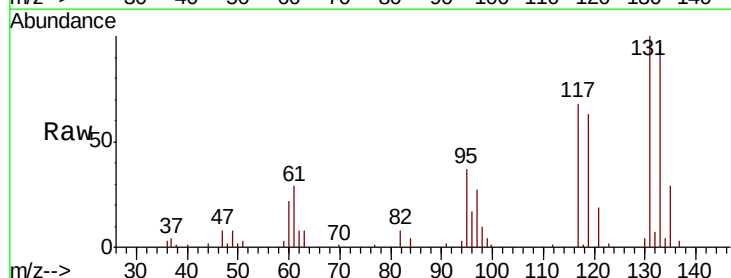


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

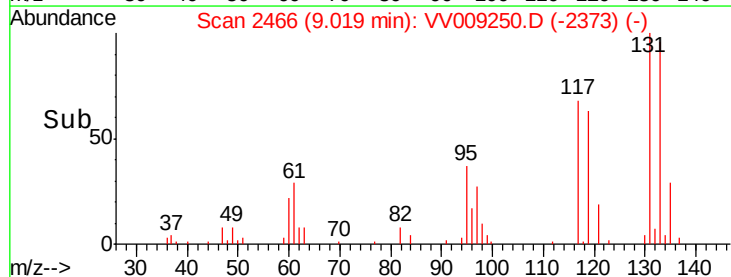
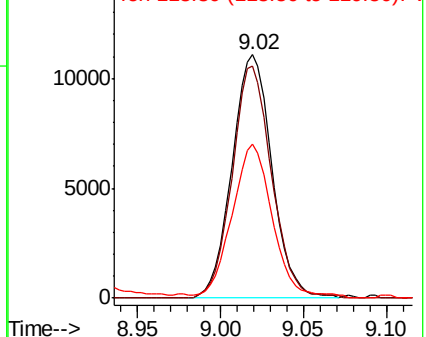


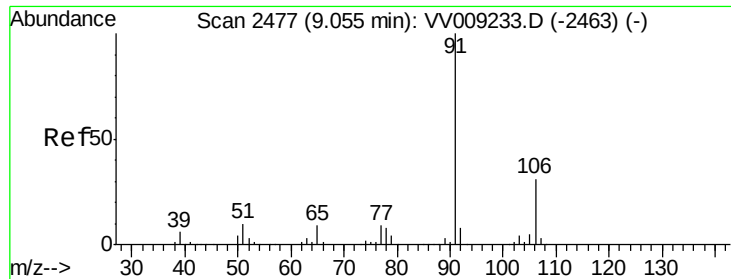
#66
1,1,1,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



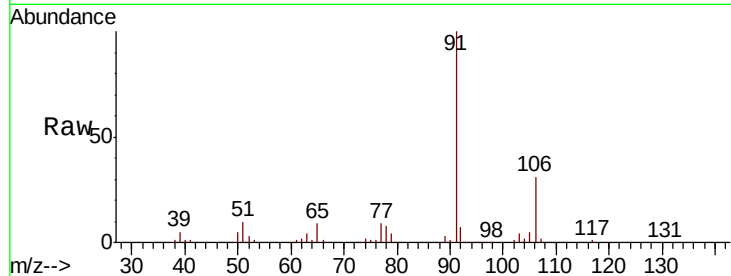
Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



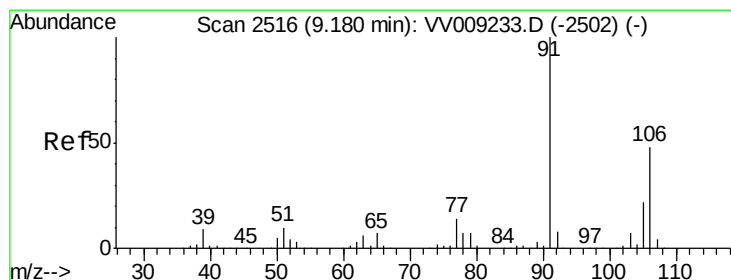
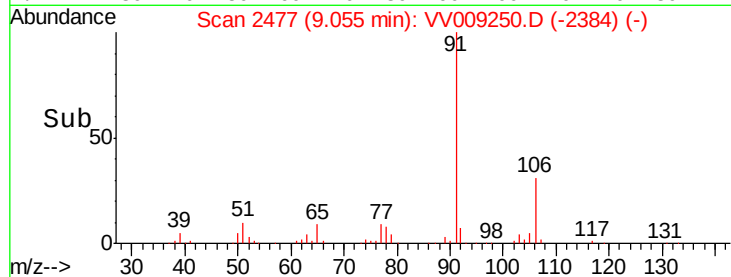
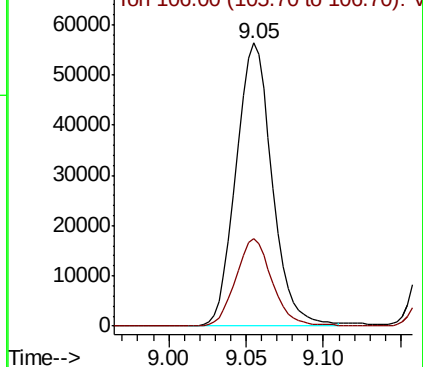


#67
Ethyl Benzene
Concen: 18.549 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

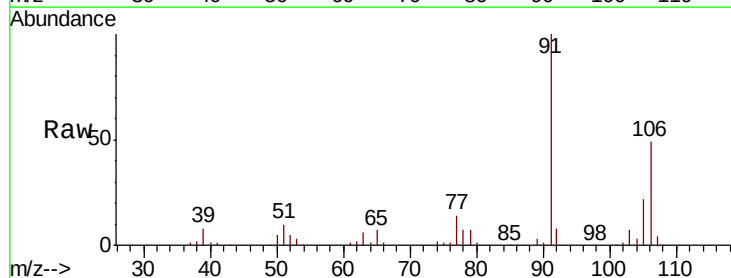


Abundance Ion 91.00 (90.70 to 91.70): VV009250.D (-2384) (-)
Ion 106.00 (105.70 to 106.70): VV009250.D (-2384) (-)

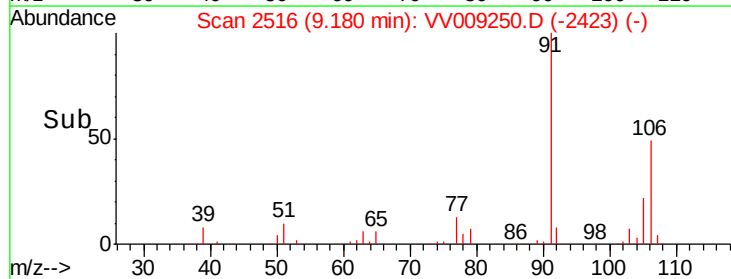
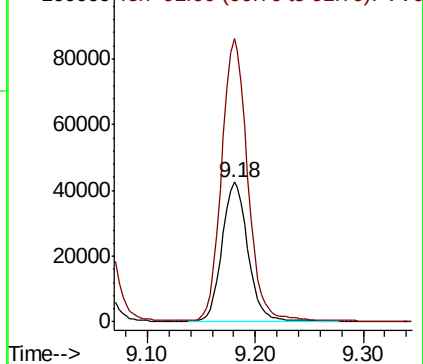


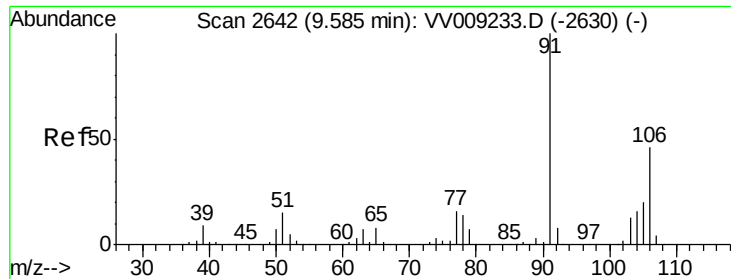
#68
m/p-Xylenes
Concen: 37.952 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



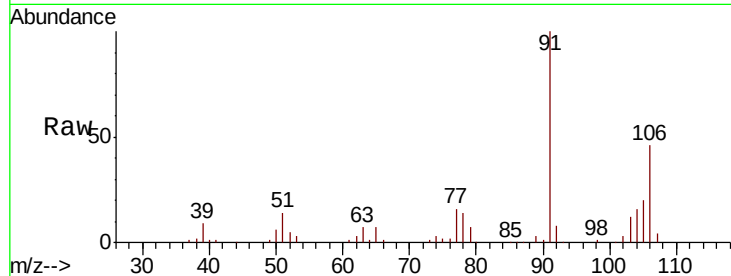
Abundance Ion 106.00 (105.70 to 106.70): VV009250.D (-2423) (-)
Ion 91.00 (90.70 to 91.70): VV009250.D (-2423) (-)



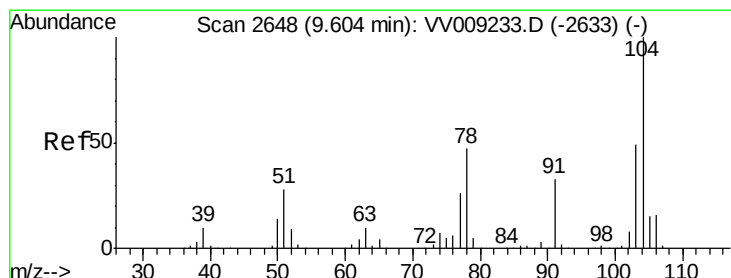
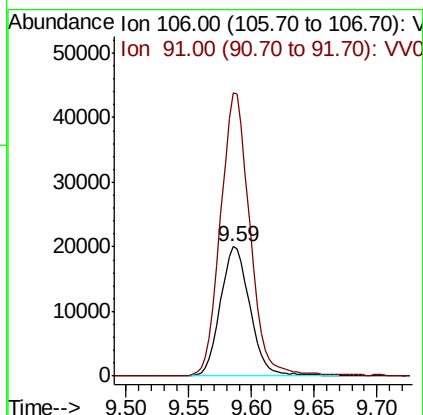
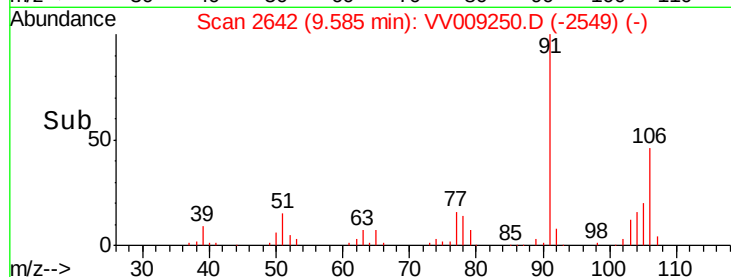


#69
o-Xylene
Concen: 18.972 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

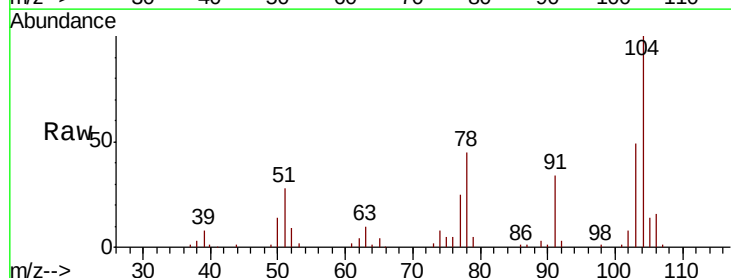


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

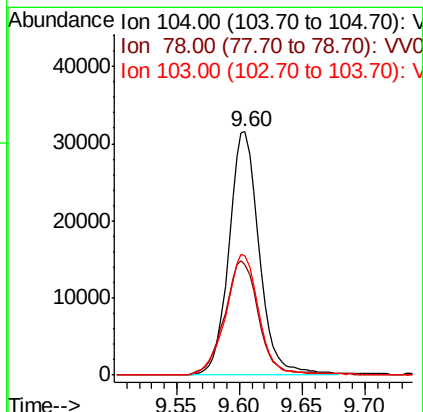
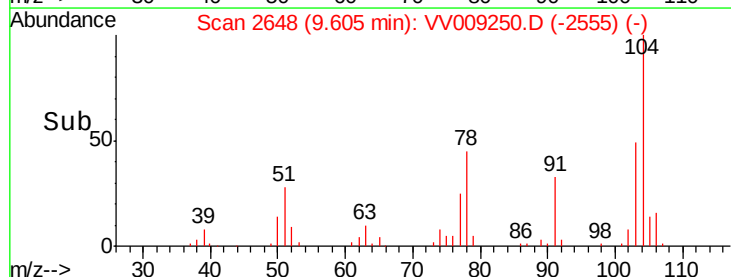


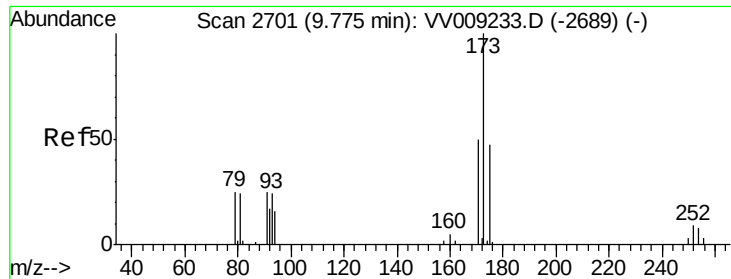
#70
Styrene
Concen: 19.135 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

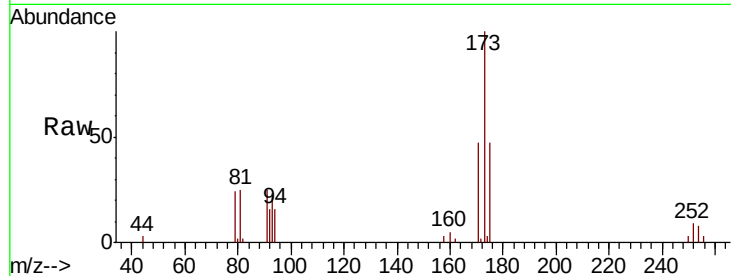
Tgt Ion:173 Resp: 10020

Ion Ratio Lower Upper

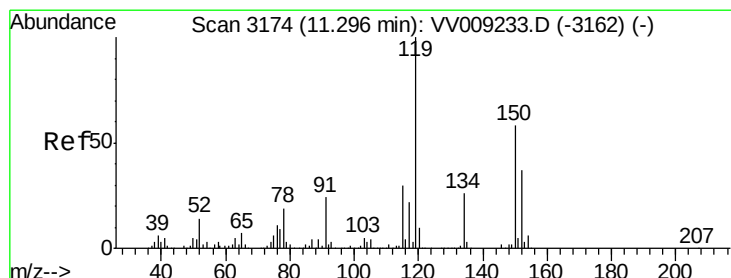
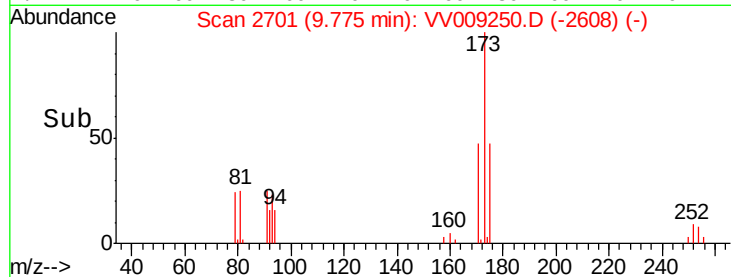
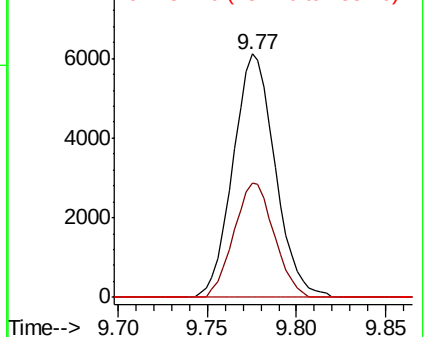
173 100

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

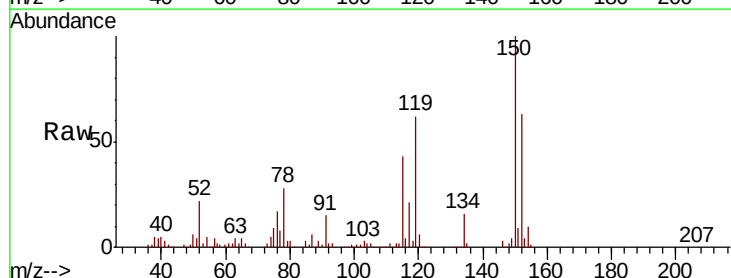
Tgt Ion:152 Resp: 61229

Ion Ratio Lower Upper

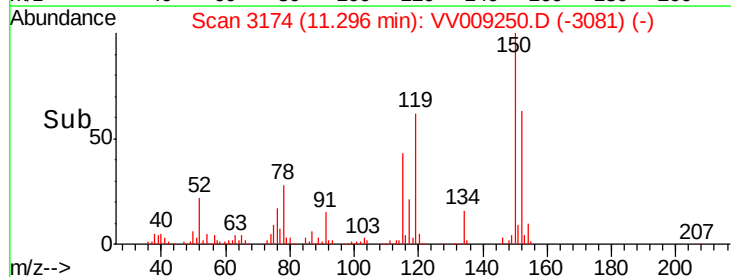
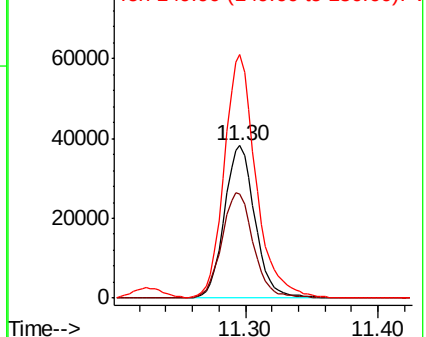
152 100

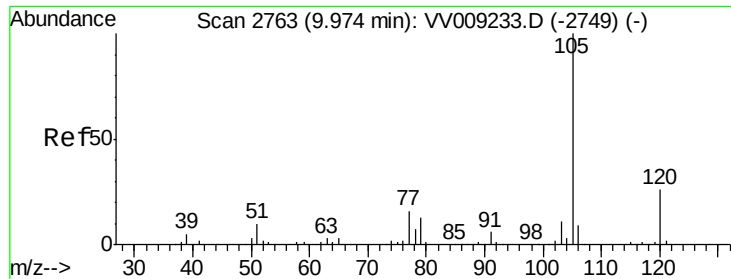
115 71.5 45.0 134.8

150 165.5 0.0 346.4



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

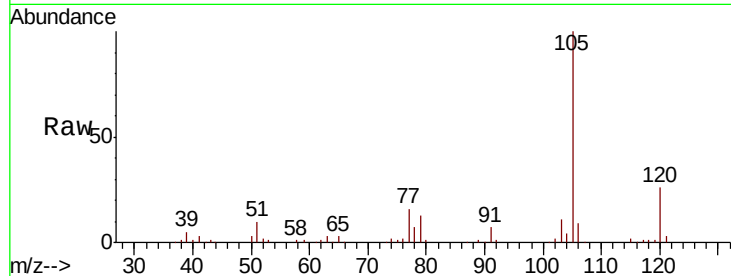
Acq: 23 Jan 2019 17:02

Tgt 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

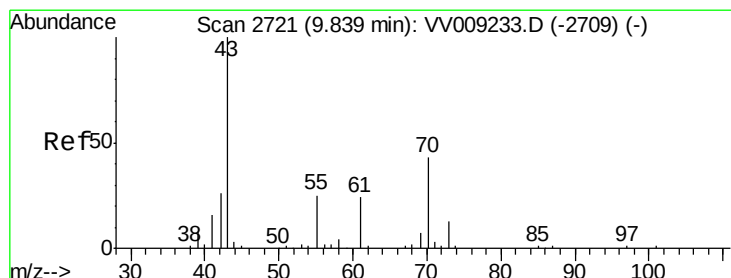
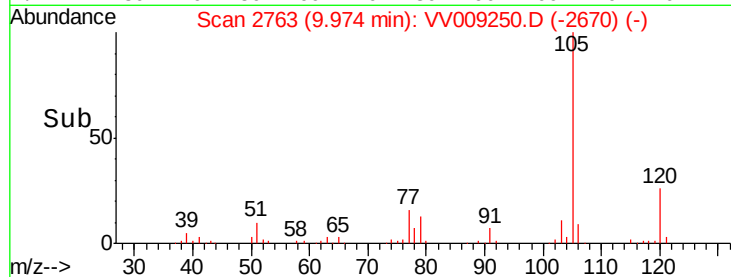
40000

20000

0

9.90 9.97 10.00

Time-->



#74

N-amyl 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

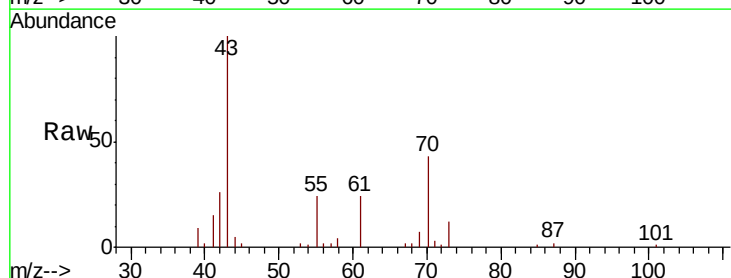
Ion Ratio Lower Upper

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

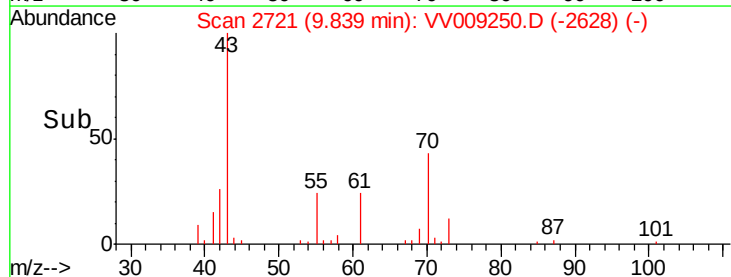
10000

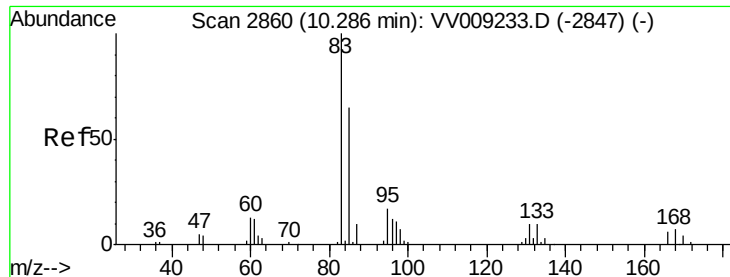
5000

0

9.80 9.84 9.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.909 ug/l

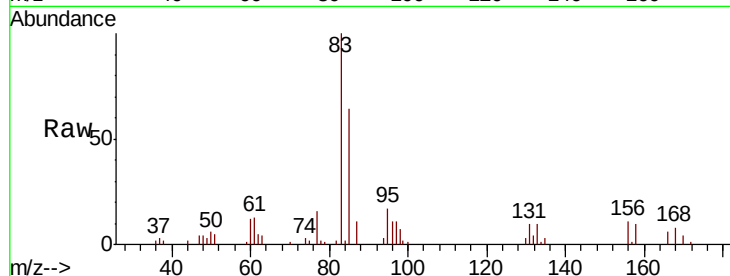
RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

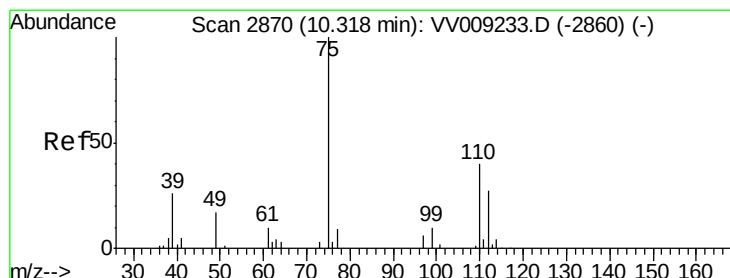
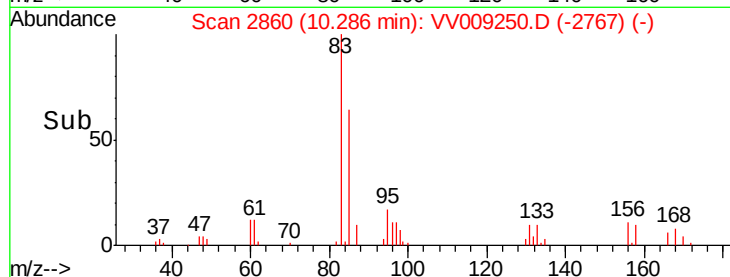
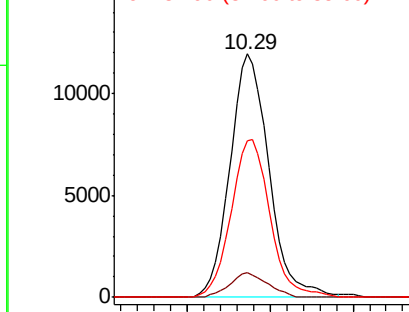
Tgt Ion:	83	Resp:	19527
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.3
85	64.5	32.6	98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009250.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009250.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009250.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 24.043 ug/l

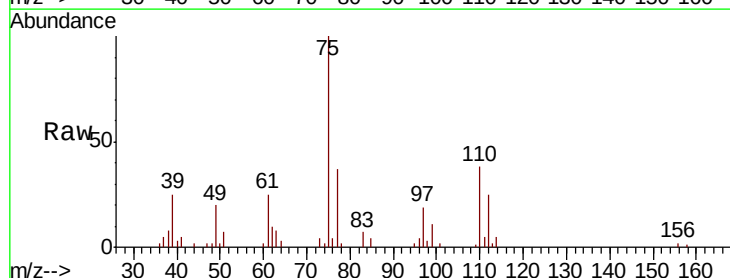
RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV009250.D

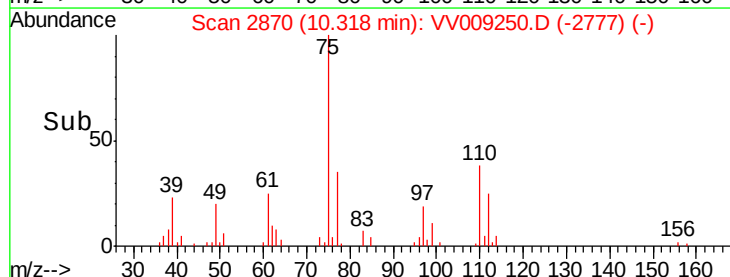
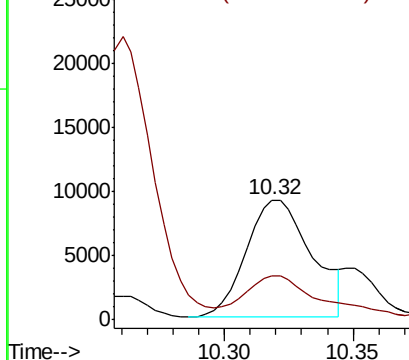
Acq: 23 Jan 2019 17:02

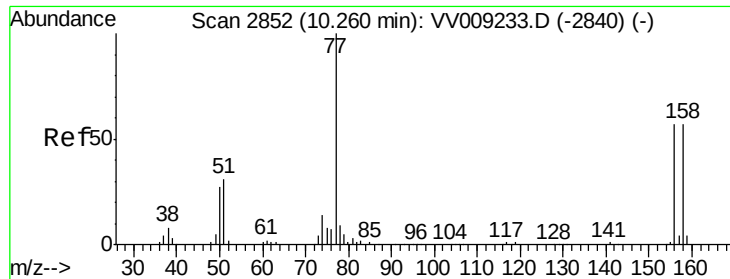
Tgt Ion:	75	Resp:	16117
Ion	Ratio	Lower	Upper
75	100		
77	47.0	24.6	73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009250.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009250.D (-2777) (-)





#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

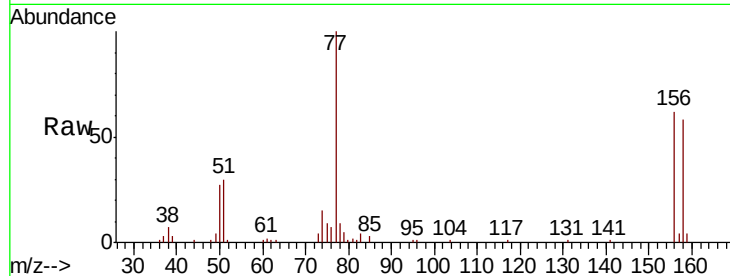
Tgt Ion: 156 Resp: 21449

Ion Ratio Lower Upper

156 100

77 164.4 86.0 258.0

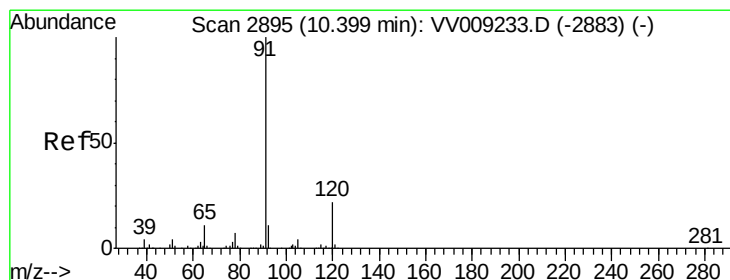
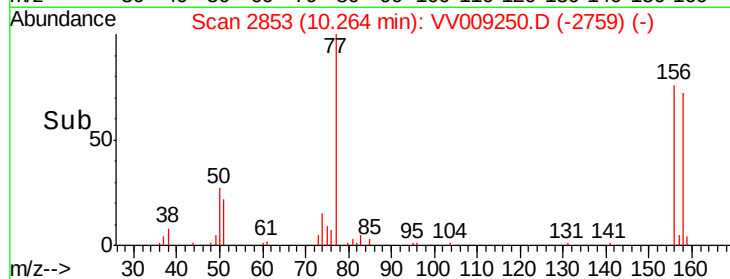
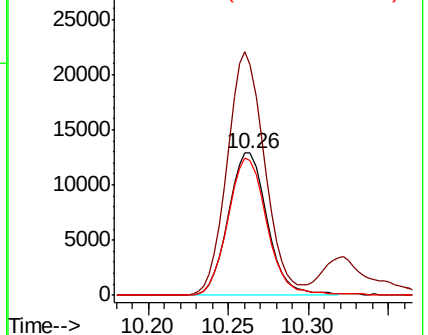
158 96.0 49.8 149.3



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

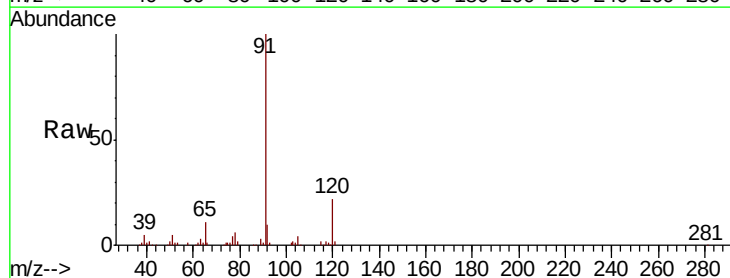
Acq: 23 Jan 2019 17:02

Tgt Ion: 91 Resp: 110554

Ion Ratio Lower Upper

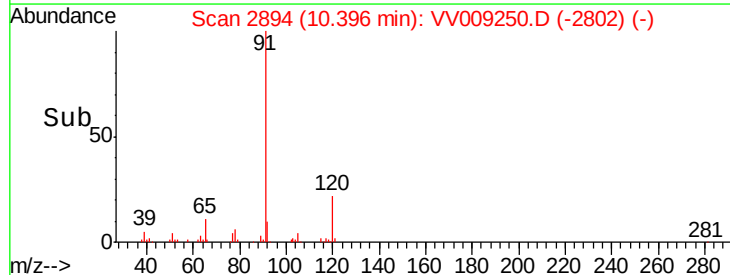
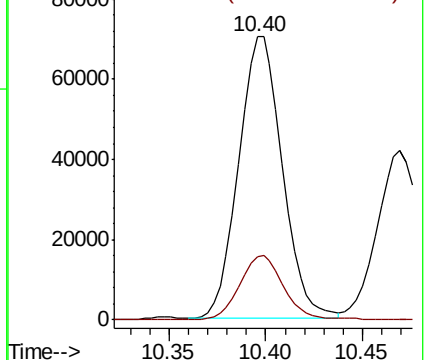
91 100

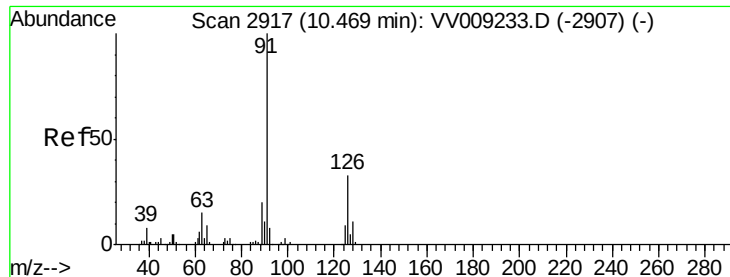
120 22.9 11.5 34.4



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

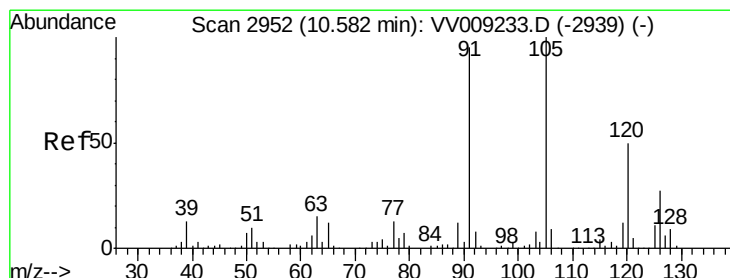
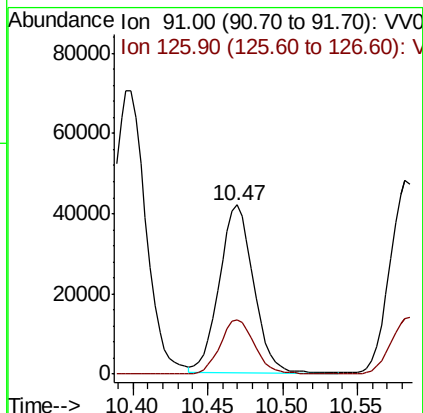
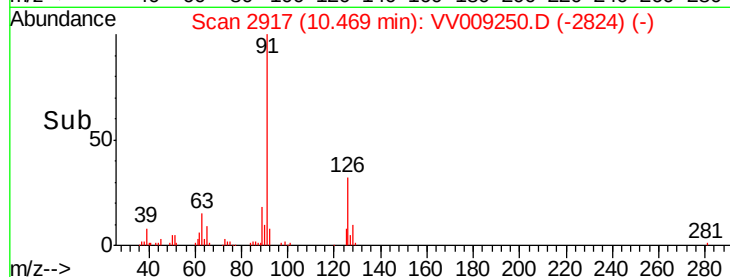
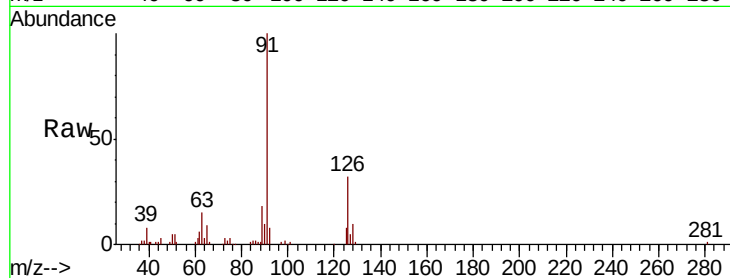
Acq: 23 Jan 2019 17:02

Tgt 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

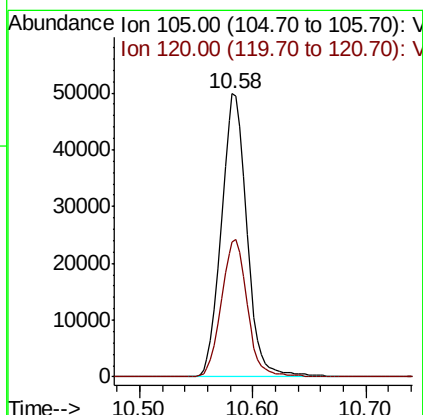
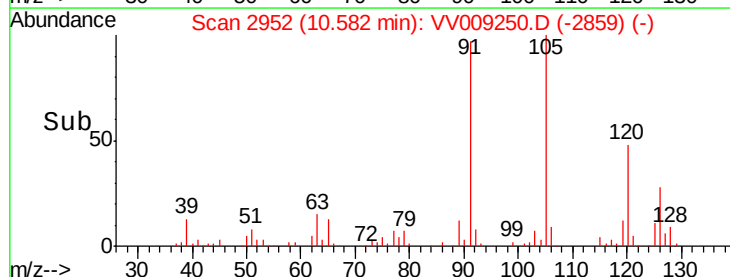
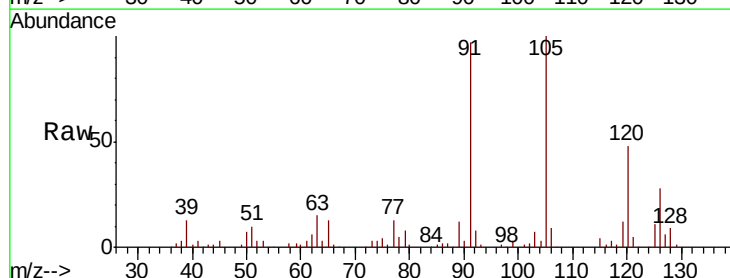
Acq: 23 Jan 2019 17:02

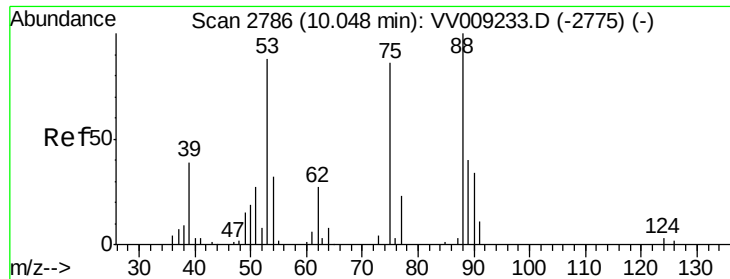
Tgt Ion: 105 Resp: 78557

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

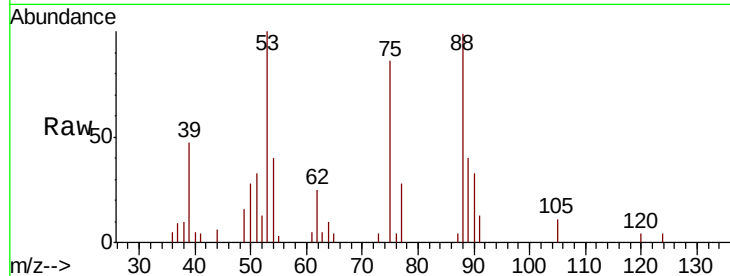
Tgt Ion: 75 Resp: 5055

Ion Ratio Lower Upper

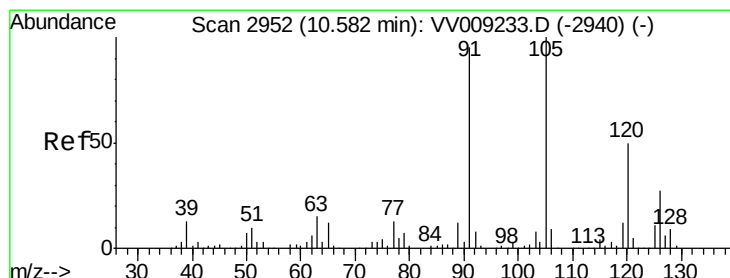
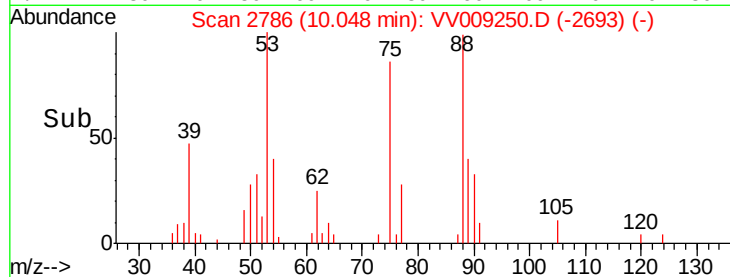
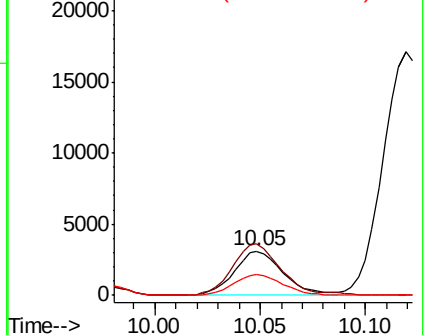
75 100

53 113.9 82.1 123.1

89 46.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV0
Ion 53.00 (52.70 to 53.70): VV0
Ion 88.90 (88.60 to 89.60): VV0



#82

4-Chlorotoluene

Concen: 18.534 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009250.D

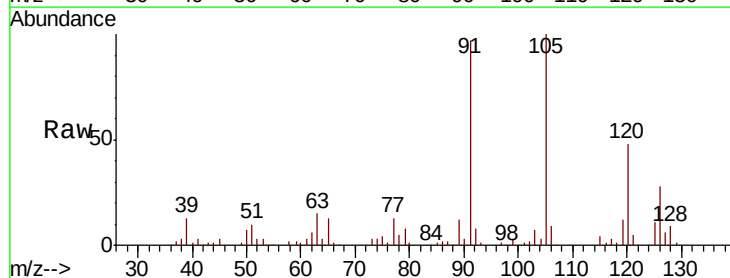
Acq: 23 Jan 2019 17:02

Tgt Ion: 91 Resp: 78949

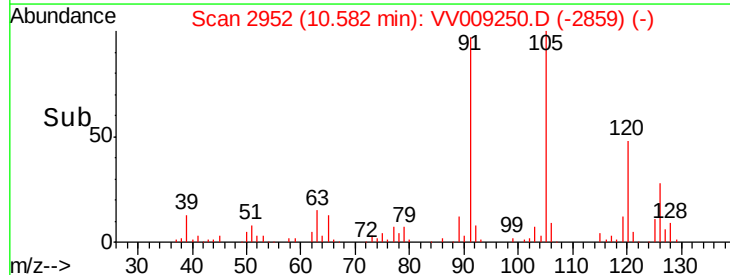
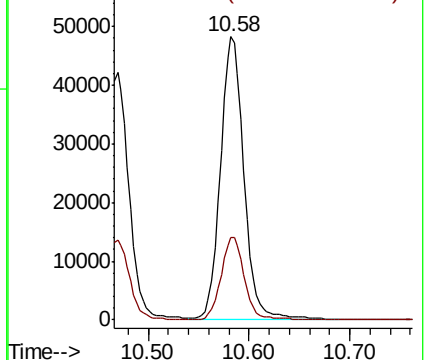
Ion Ratio Lower Upper

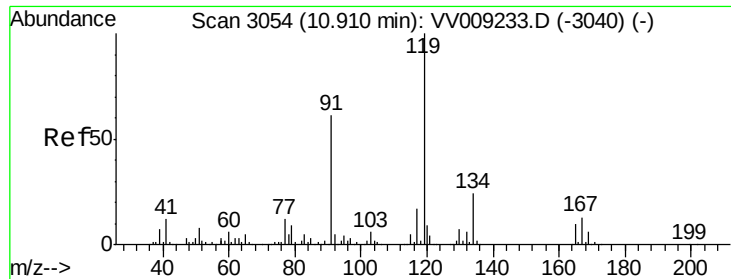
91 100

126 28.8 14.3 42.9



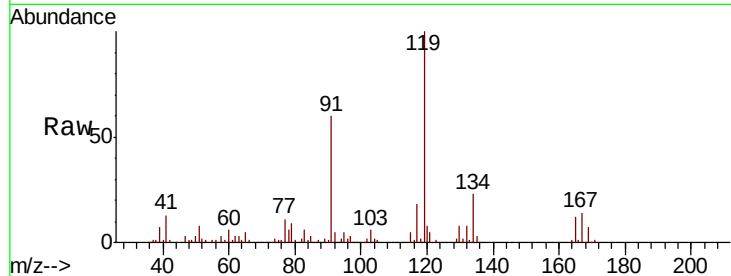
Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 125.90 (125.60 to 126.60): V



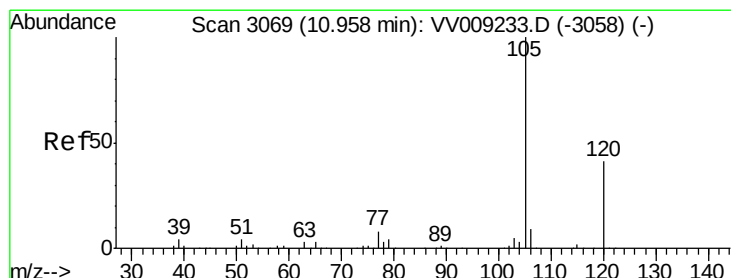
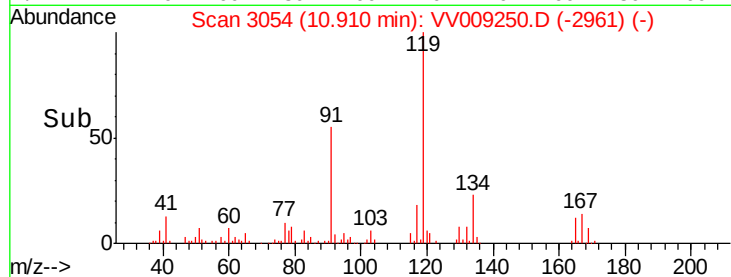
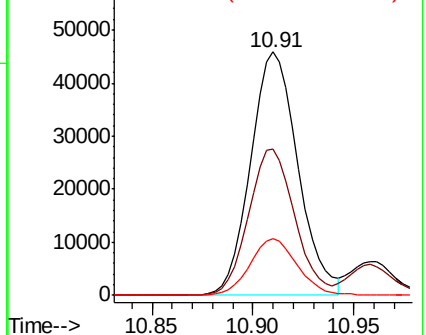


#83
 tert-Butylbenzene
 Concen: 18.649 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion:119 Resp: 75299
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.0 90.1
 134 23.4 11.9 35.7

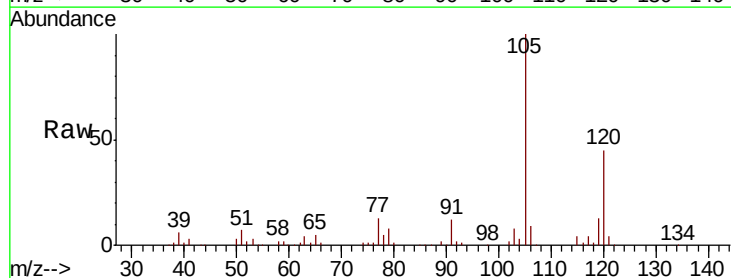


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VV0
 Ion 134.00 (133.70 to 134.70): V

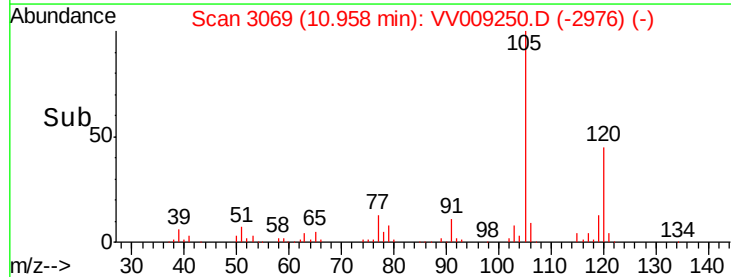
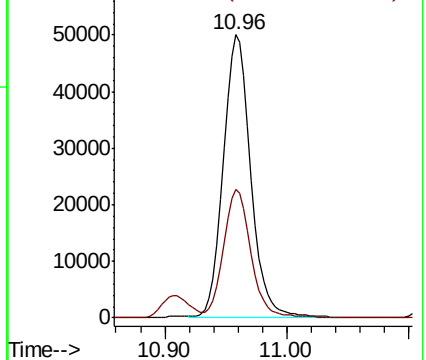


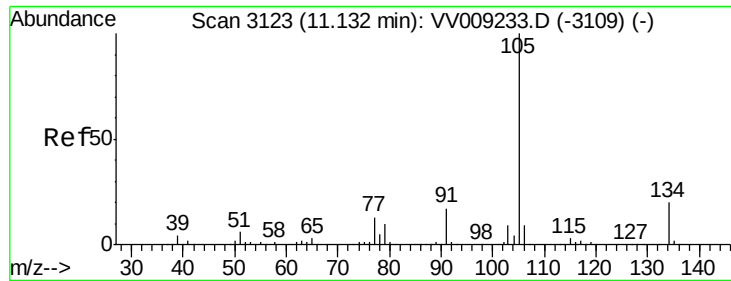
#84
 1,2,4-Trimethylbenzene
 Concen: 18.590 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion:105 Resp: 79520
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7



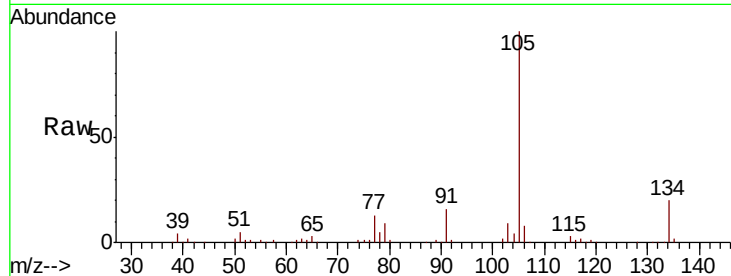
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



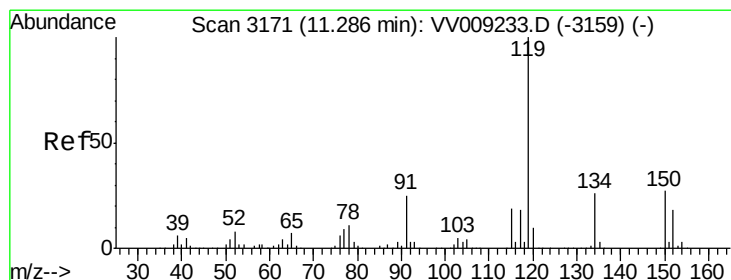
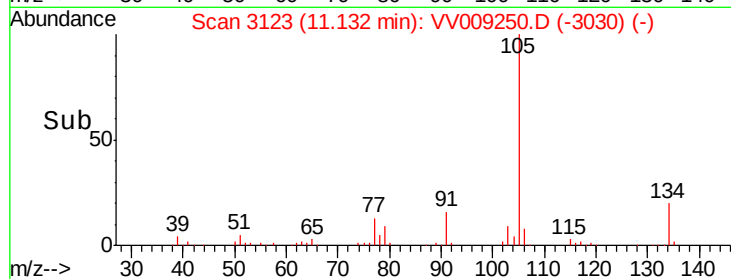
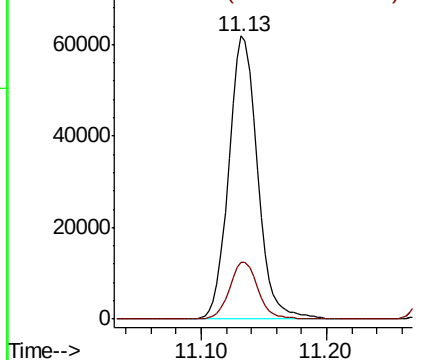


#85
 sec-Butylbenzene
 Concen: 18.666 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

Tgt Ion:105 Resp: 98712
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3

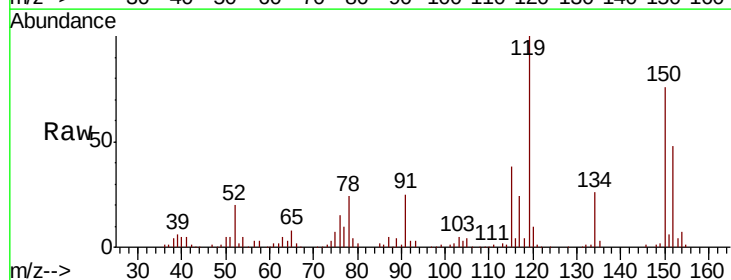


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

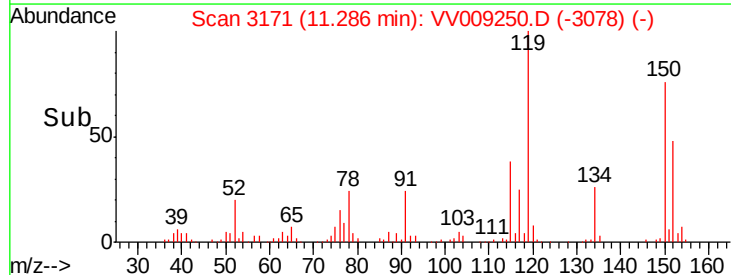
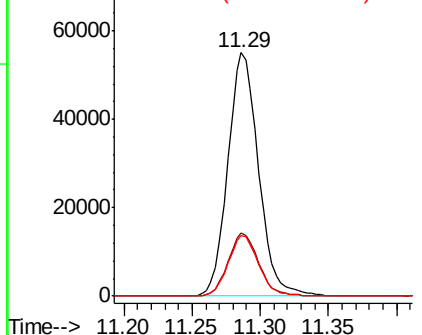


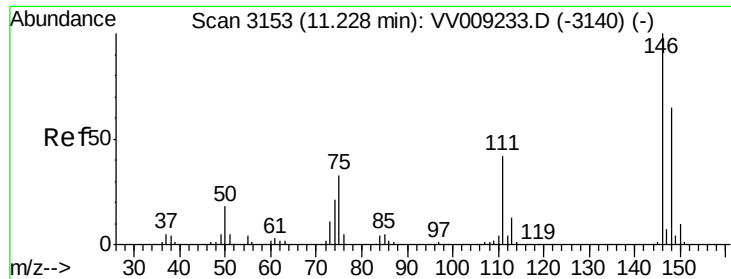
#86
 p-Isopropyltoluene
 Concen: 18.615 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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



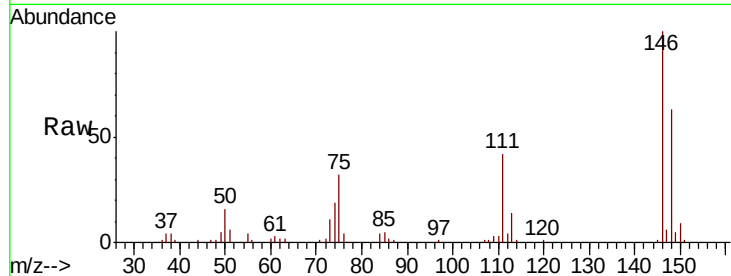
Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VV0



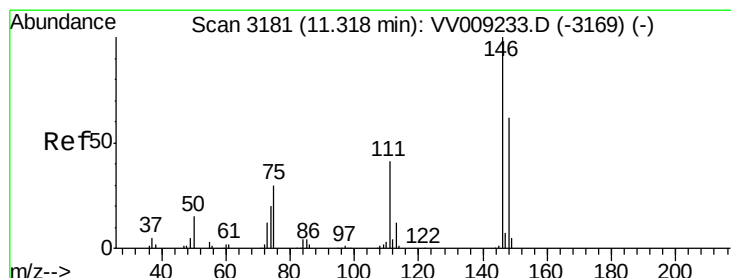
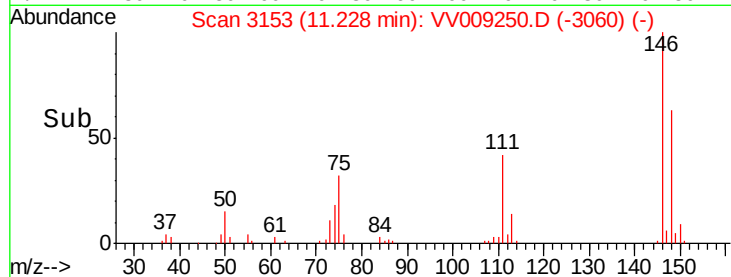
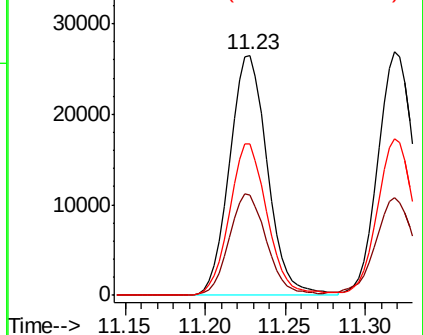


#87
 1,3-Dichlorobenzene
 Concen: 19.111 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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

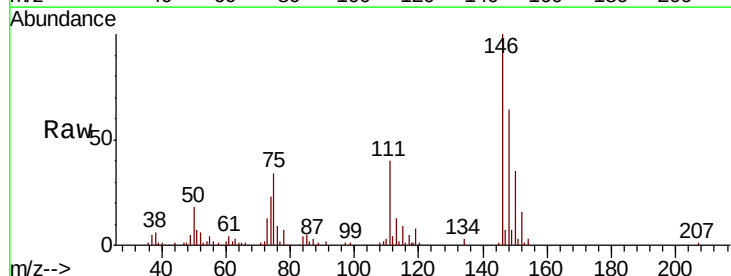


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

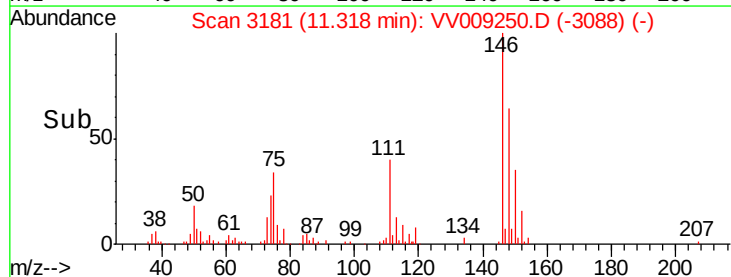
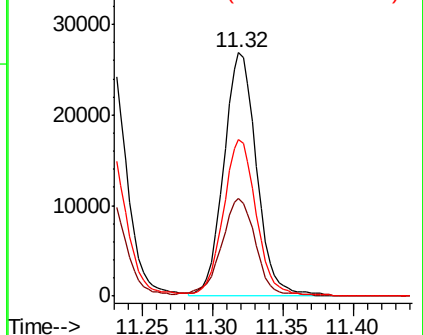


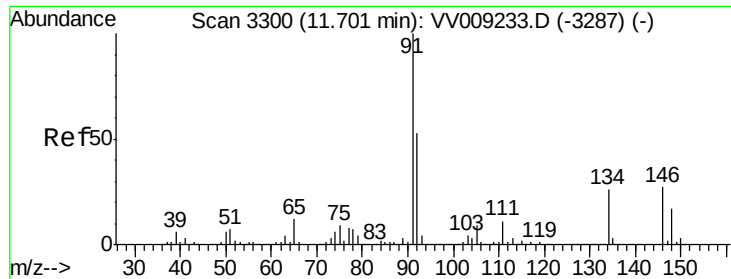
#88
 1,4-Dichlorobenzene
 Concen: 19.306 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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



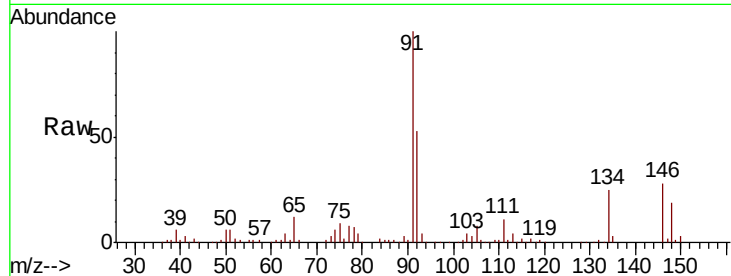
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



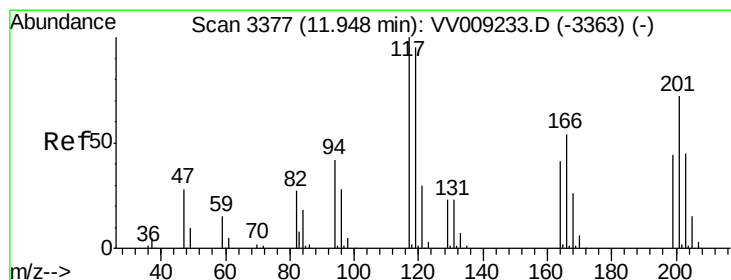
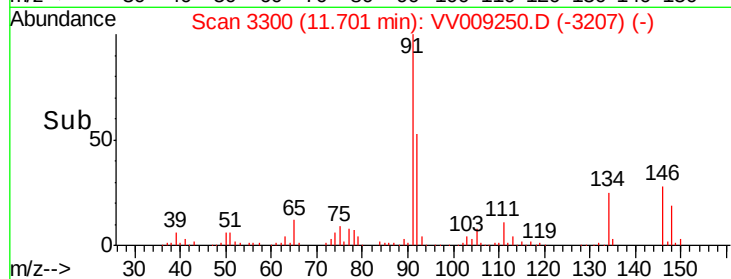
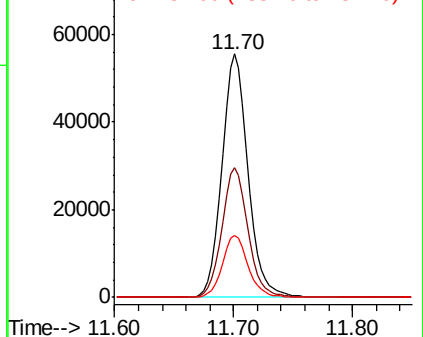


#89
n-Butylbenzene
Concen: 18.693 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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

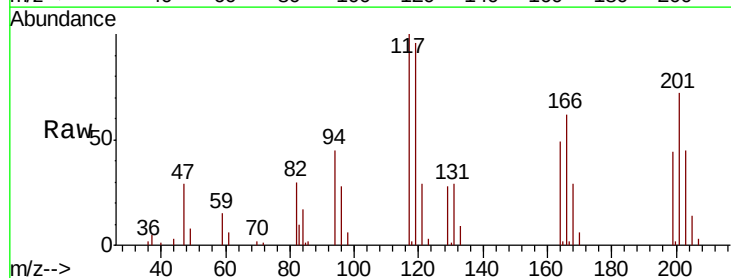


Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0
Ion 134.00 (133.70 to 134.70): V

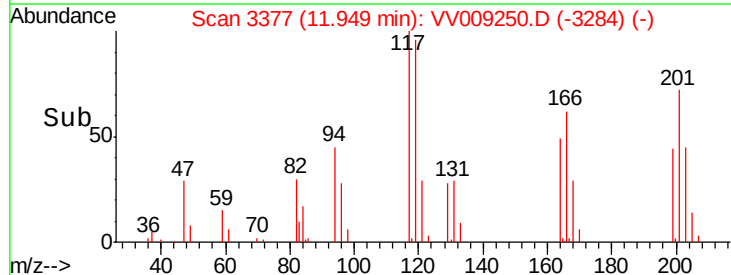
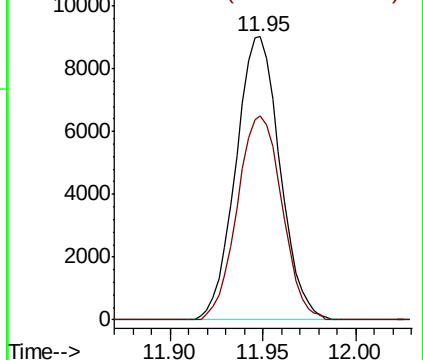


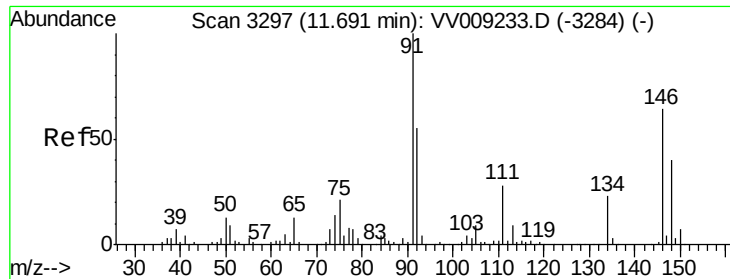
#90
Hexachloroethane
Concen: 18.079 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009250.D
Acq: 23 Jan 2019 17:02

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



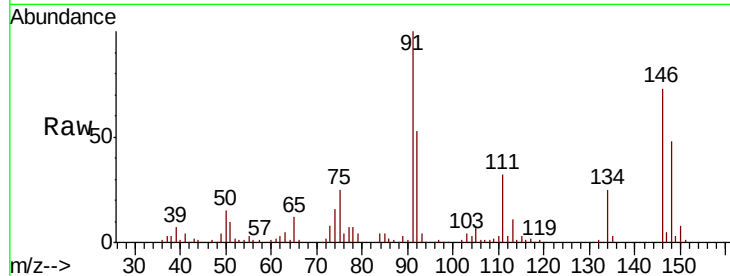
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



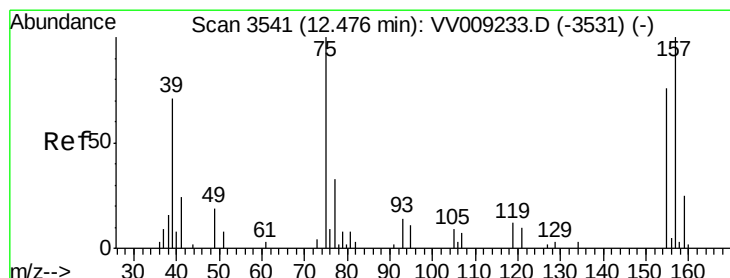
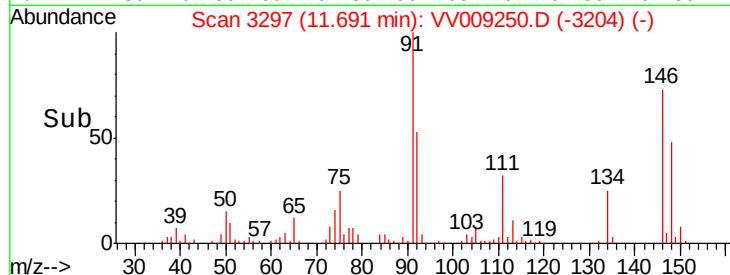
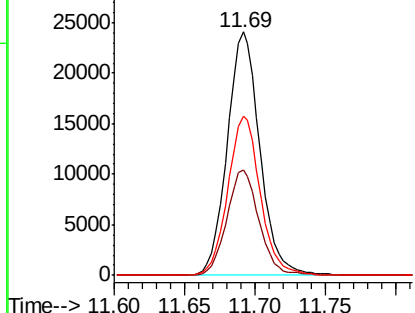


#91
 1,2-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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

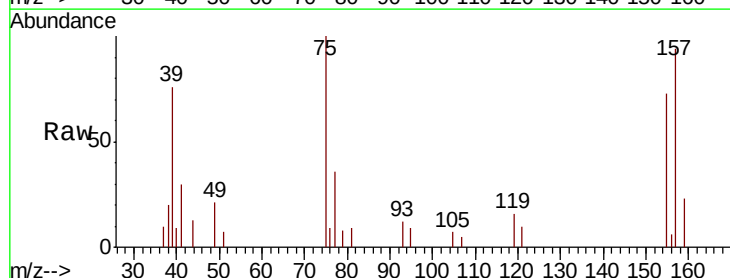


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

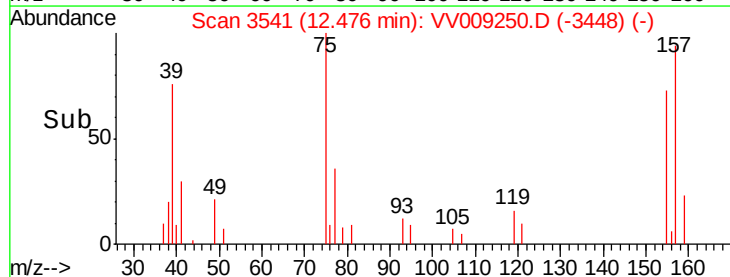
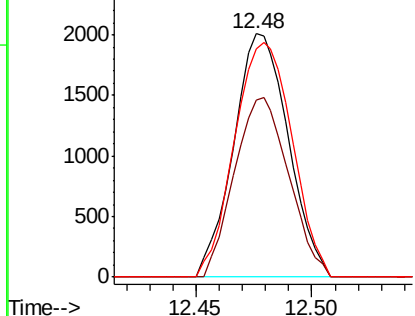


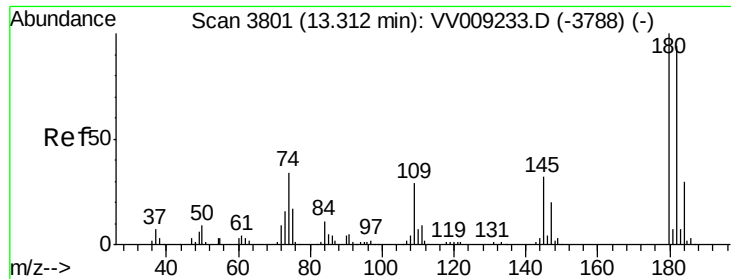
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.004 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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



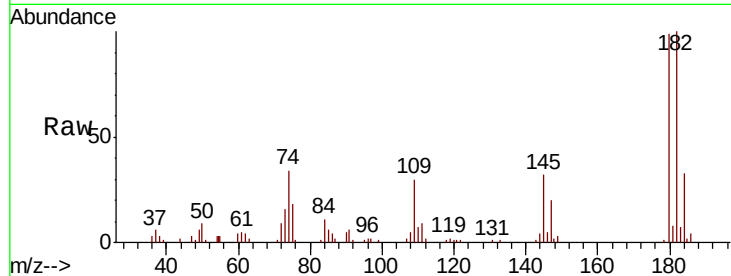
Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



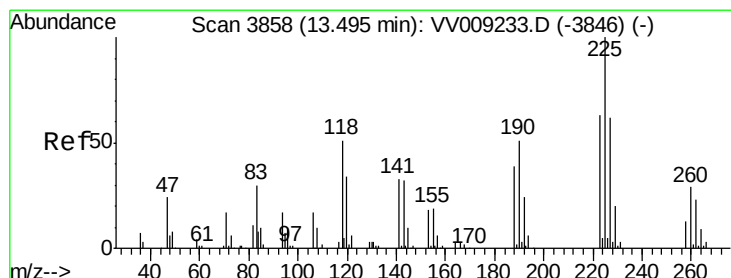
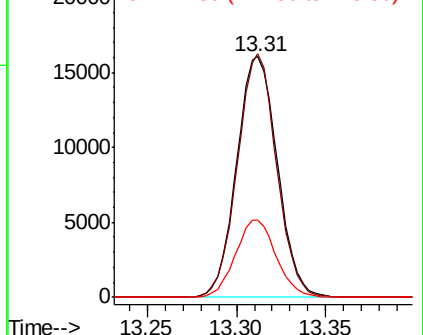
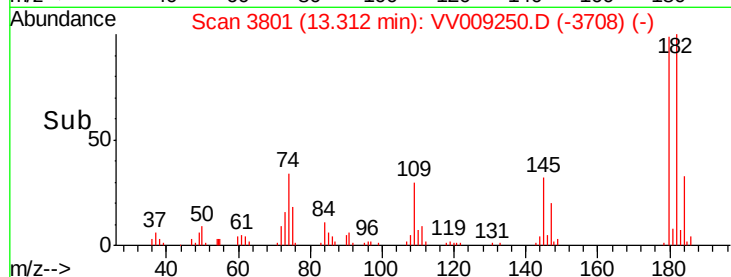


#93
 1,2,4-Trichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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

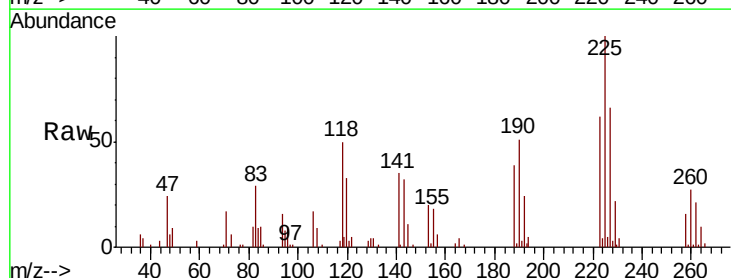


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

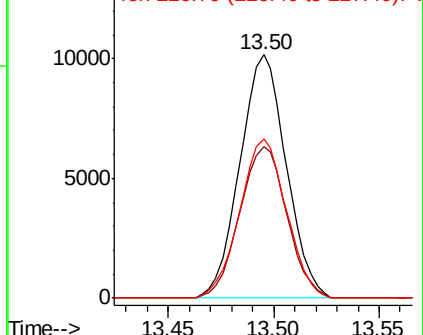
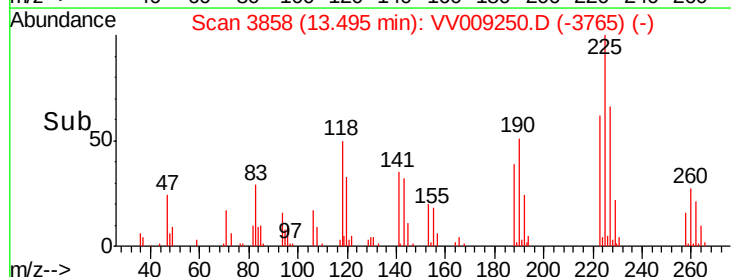


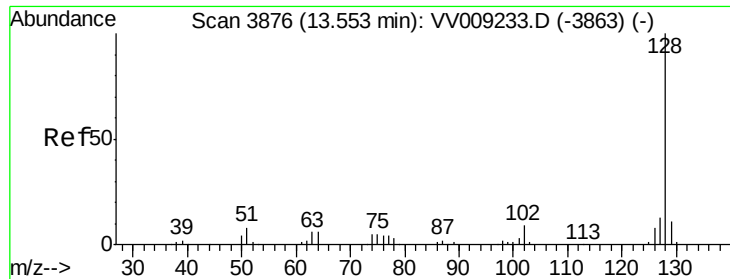
#94
 Hexachlorobutadiene
 Concen: 19.587 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009250.D
 Acq: 23 Jan 2019 17:02

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

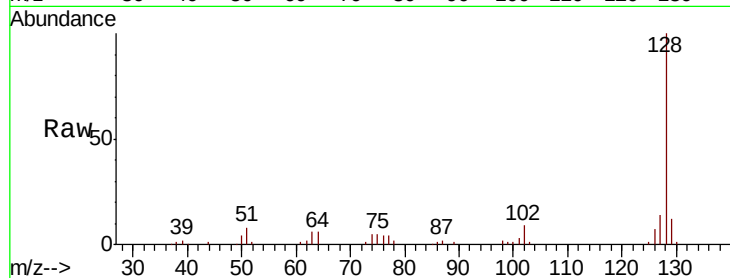
Delta R.T. 0.00 min

Lab File: VV009250.D

Acq: 23 Jan 2019 17:02

Tgt Ion:128 Resp: 49551

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

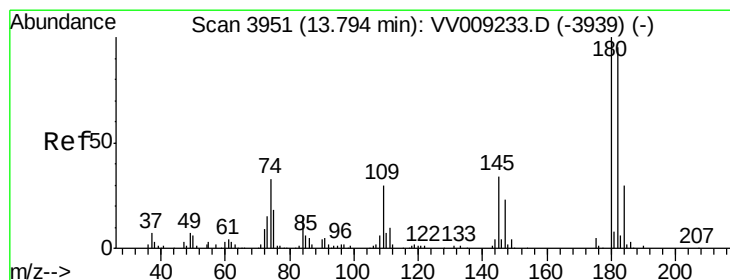
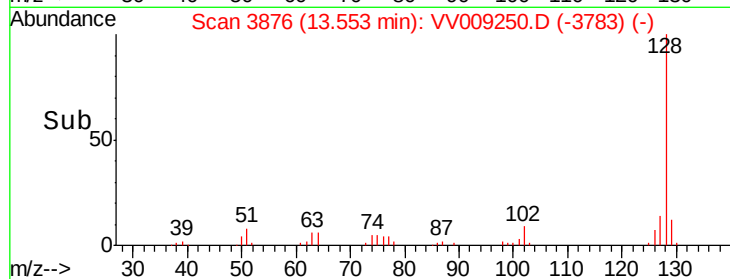
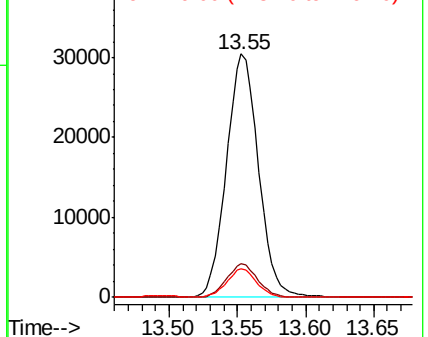


Abundance

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

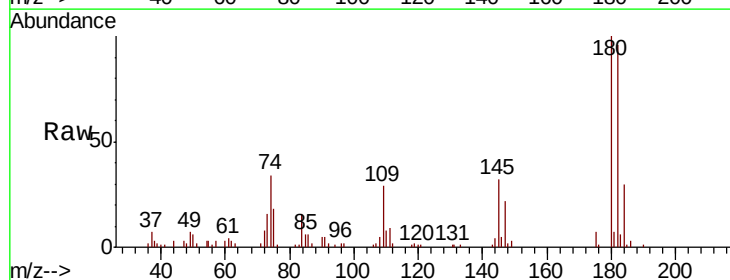
Delta R.T. 0.00 min

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

