

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009248.D
 Acq On : 23 Jan 2019 15:07
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 04:13:29 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	75855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	130389	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	120796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	59226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	48223	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	4.64	113	41696	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.36	98	158453	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	10.12	95	58830	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1240	2.021 ug/l	99
3) Chloromethane	1.25	50	1974	2.390 ug/l	99
4) Vinyl Chloride	1.32	62	1970	2.099 ug/l	93
5) Bromomethane	1.53	94	1192	2.240 ug/l #	78
6) Chloroethane	1.60	64	1125	2.145 ug/l	98
7) Trichlorofluoromethane	1.76	101	1153	1.751 ug/l	86
8) Diethyl Ether	1.96	74	971	2.344 ug/l	66
9) 1,1,2-Trichlorotrifluoroet	2.13	101	1680	2.053 ug/l	95
10) Methyl Iodide	2.25	142	2974	2.277 ug/l #	96
11) Tert butyl alcohol	2.65	59	2434m	24.249 ug/l	
12) 1,1-Dichloroethene	2.14	96	1708	2.126 ug/l	90
13) Acrolein	2.05	56	649	Below Cal	85
14) Allyl chloride	2.42	41	3153	2.277 ug/l	95
15) Acrylonitrile	2.76	53	2303	12.836 ug/l	95
16) Acetone	2.18	43	3475	13.845 ug/l	95
17) Carbon Disulfide	2.31	76	5105	2.077 ug/l	99
18) Methyl Acetate	2.44	43	2362	3.523 ug/l	92
19) Methyl tert-butyl Ether	2.80	73	3040	2.438 ug/l	97
20) Methylene Chloride	2.52	84	5758	3.076 ug/l	98
21) trans-1,2-Dichloroethene	2.78	96	1960	2.264 ug/l	84
22) Diisopropyl ether	3.32	45	6879	2.333 ug/l #	86
23) Vinyl Acetate	3.30	43	17988	11.244 ug/l	99
24) 1,1-Dichloroethane	3.22	63	4079	2.224 ug/l #	93
25) 2-Butanone	4.02	43	3328	11.596 ug/l	99
26) 2,2-Dichloropropane	3.95	77	1995	1.932 ug/l	87
27) cis-1,2-Dichloroethene	3.95	96	2261	2.161 ug/l	96
28) Bromochloromethane	4.29	49	1447	2.138 ug/l #	95
29) Tetrahydrofuran	4.40	42	2141m	13.715 ug/l	
30) Chloroform	4.42	83	4179	2.268 ug/l	100
31) Cyclohexane	4.73	56	5245	3.132 ug/l #	64
32) 1,1,1-Trichloroethane	4.65	97	3317	2.136 ug/l	99
36) 1,1-Dichloropropene	4.87	75	3462	2.391 ug/l	93
37) Ethyl Acetate	4.14	43	1552	2.790 ug/l #	67
38) Carbon Tetrachloride	4.87	117	2874	1.983 ug/l	97

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

39) Methylcyclohexane	6.17	83	3926	2.290	ug/l #	93
40) Benzene	5.14	78	9422	2.327	ug/l	94
41) Methacrylonitrile	4.31	41	661	1.971	ug/l #	87
42) 1,2-Dichloroethane	5.18	62	2936	2.317	ug/l	86
43) Isopropyl Acetate	5.33	43	2602	2.378	ug/l #	87
44) Trichloroethene	5.96	130	2125	1.994	ug/l	99
45) 1,2-Dichloropropane	6.22	63	2083	2.139	ug/l	96
46) Dibromomethane	6.35	93	1179	2.359	ug/l	97
47) Bromodichloromethane	6.55	83	2738	2.073	ug/l	94
48) Methyl methacrylate	6.42	41	1213	2.172	ug/l	94
49) 1,4-Dioxane	6.41	88	268m	42.099	ug/l	
51) 4-Methyl-2-Pentanone	7.27	43	6882	12.391	ug/l	96
52) Toluene	7.43	92	5627	2.197	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	2589	2.014	ug/l	91
54) cis-1,3-Dichloropropene	7.07	75	2934	1.982	ug/l	93
55) 1,1,2-Trichloroethane	7.88	97	1707	2.424	ug/l	88
56) Ethyl methacrylate	7.84	69	1682	2.050	ug/l	98
57) 1,3-Dichloropropane	8.06	76	2849	2.235	ug/l	97
59) 2-Hexanone	8.19	43	4696	11.690	ug/l	90
60) Dibromochloromethane	8.29	129	1689	2.049	ug/l	95
61) 1,2-Dibromoethane	8.40	107	1504	2.184	ug/l	98
64) Tetrachloroethene	8.02	164	1998	2.324	ug/l	87
65) Chlorobenzene	8.93	112	6082	2.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.02	131	2016	2.099	ug/l	90
67) Ethyl Benzene	9.06	91	9945	1.986	ug/l	94
68) m/p-Xylenes	9.18	106	7787	4.097	ug/l	93
69) o-Xylene	9.59	106	3269	1.855	ug/l	93
70) Styrene	9.60	104	5271	1.874	ug/l	97
71) Bromoform	9.77	173	843	1.861	ug/l #	92
73) Isopropylbenzene	9.97	105	9317	1.905	ug/l	100
74) N-amyl acetate	9.84	43	1874	2.072	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.29	83	2035	2.468	ug/l	89
76) 1,2,3-Trichloropropane	10.32	75	1473m	2.272	ug/l	
77) Bromobenzene	10.26	156	2284	2.183	ug/l	88
78) n-propylbenzene	10.40	91	11714	2.020	ug/l	96
79) 2-Chlorotoluene	10.47	91	7628	2.180	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	7475	1.822	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.05	75	427m	1.864	ug/l	
82) 4-Chlorotoluene	10.59	91	8204	1.991	ug/l	97
83) tert-Butylbenzene	10.91	119	7898	2.022	ug/l	97
84) 1,2,4-Trimethylbenzene	10.96	105	7972	1.927	ug/l	93
85) sec-Butylbenzene	11.13	105	9821	1.920	ug/l	100
86) p-Isopropyltoluene	11.29	119	8920	1.992	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	4970	2.288	ug/l	97
88) 1,4-Dichlorobenzene	11.32	146	5135	2.339	ug/l	89
89) n-Butylbenzene	11.70	91	8709	2.003	ug/l	98
90) Hexachloroethane	11.95	117	1410	1.770	ug/l	95
91) 1,2-Dichlorobenzene	11.69	146	4322	2.254	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	289	2.088	ug/l	91
93) 1,2,4-Trichlorobenzene	13.31	180	2637	2.136	ug/l	99

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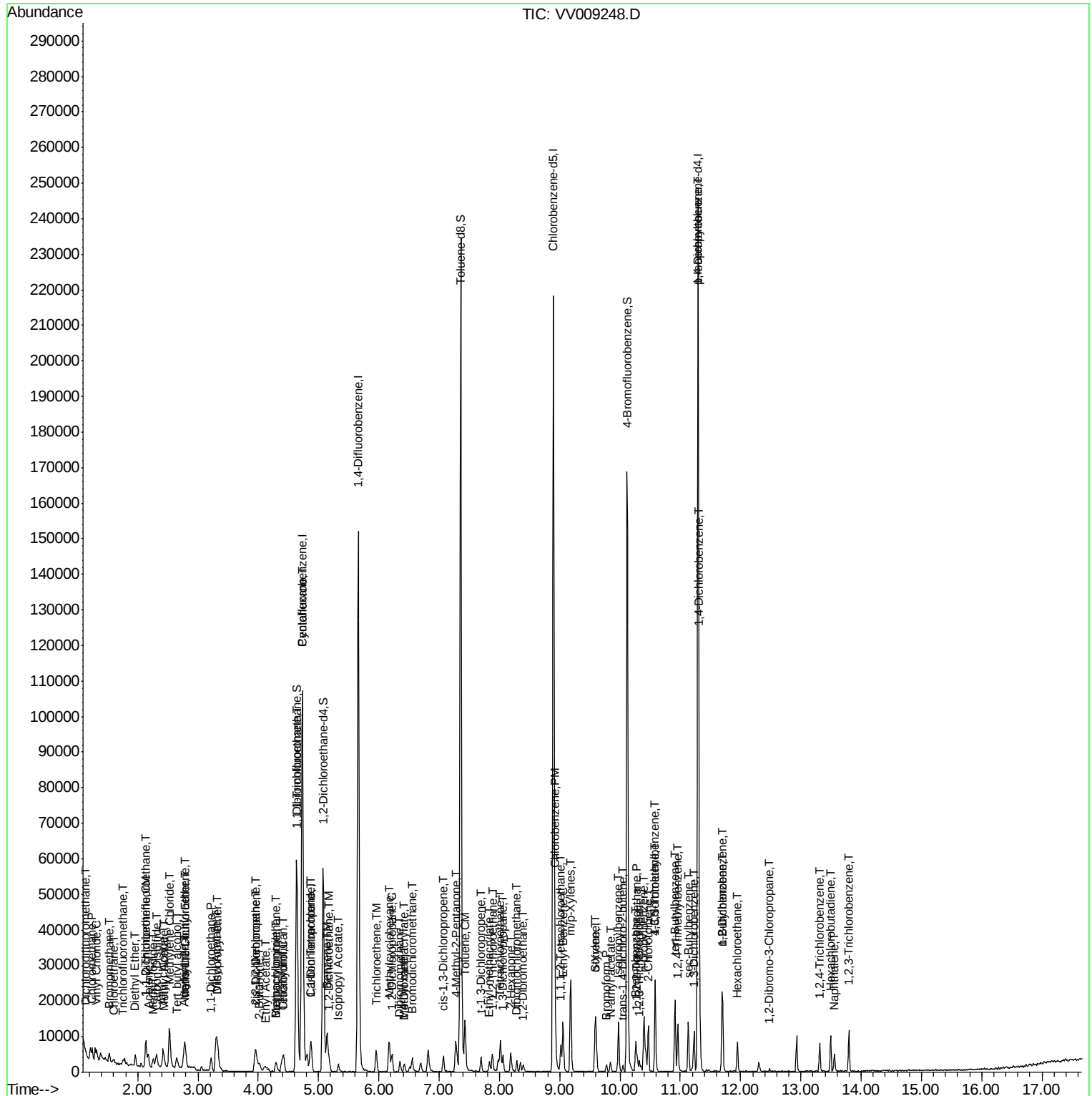
Quant Time: Jan 24 04:13:29 2019
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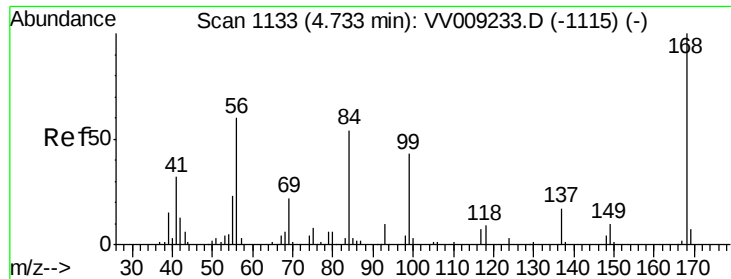
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.49	225	1931	2.524	ug/l	94
95) Naphthalene	13.56	128	4289	2.010	ug/l	96
96) 1,2,3-Trichlorobenzene	13.80	180	2190	2.095	ug/l	92

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

```
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009248.D

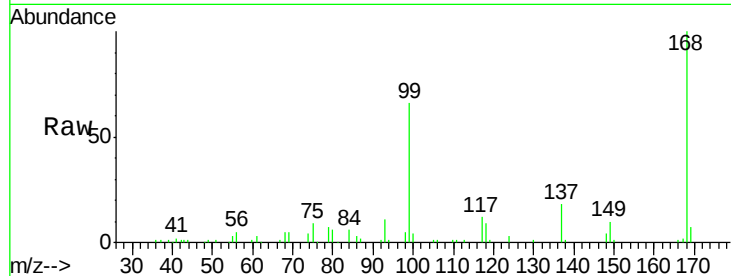
Acq: 23 Jan 2019 15:07

Tot Ion:168 Resp: 75855

Ion Ratio Lower Upper

168 100

99 65.2 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

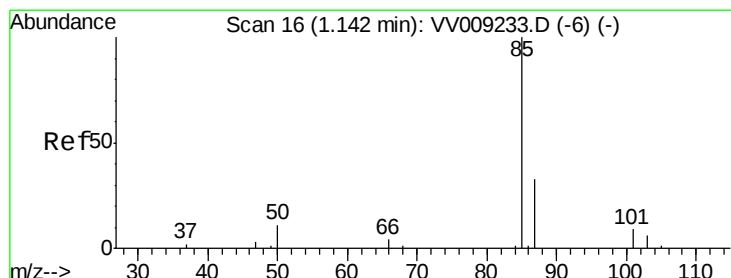
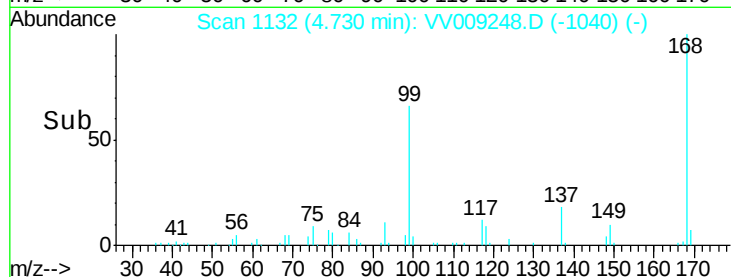
20000

10000

0

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.021 ug/l

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009248.D

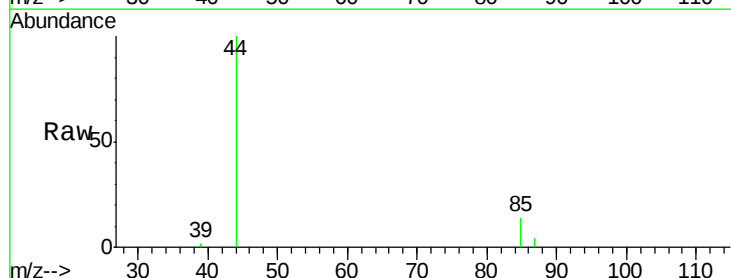
Acq: 23 Jan 2019 15:07

Tgt Ion: 85 Resp: 1240

Ion Ratio Lower Upper

85 100

87 32.7 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

800

600

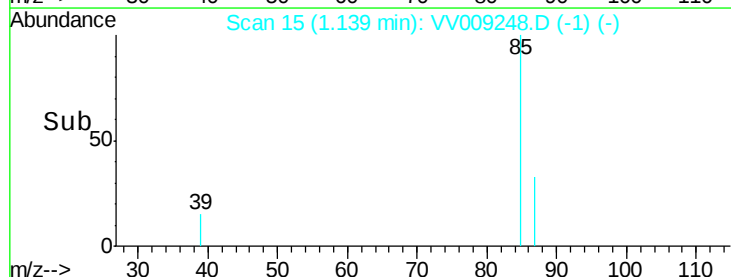
400

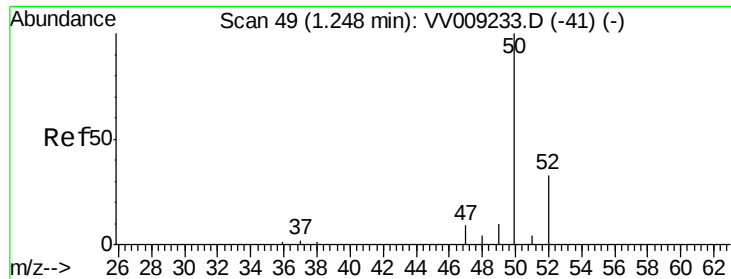
200

0

1.10 1.15 1.20

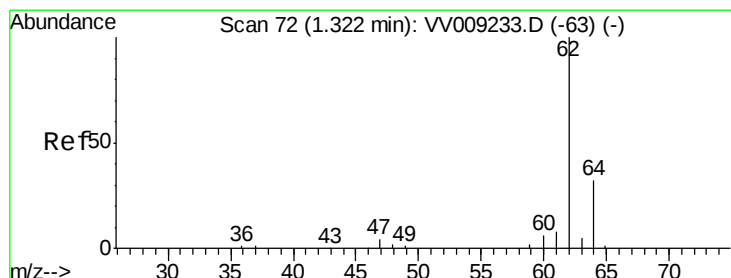
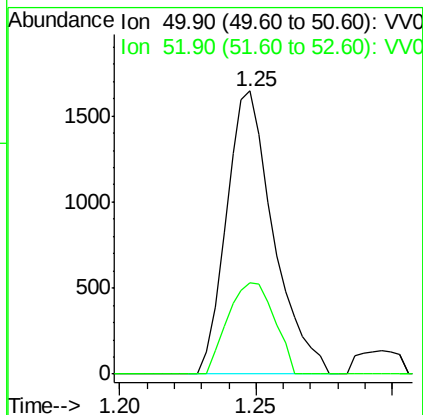
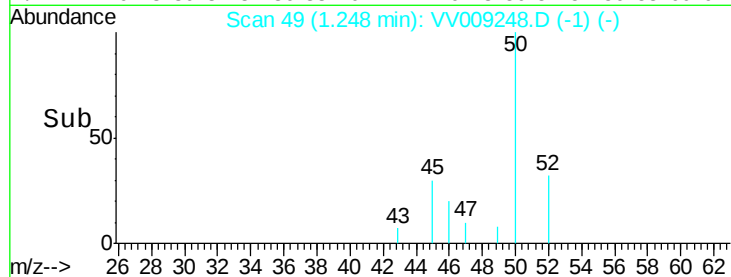
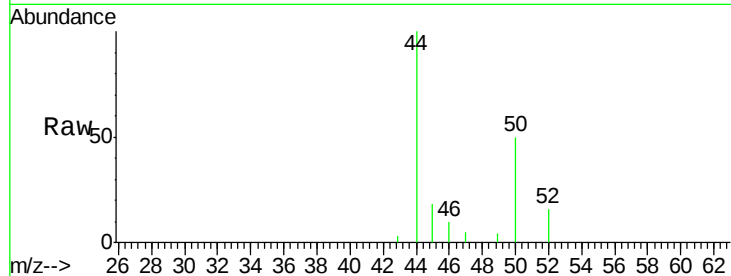
Time-->





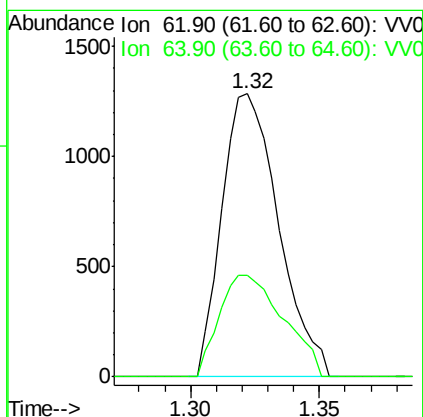
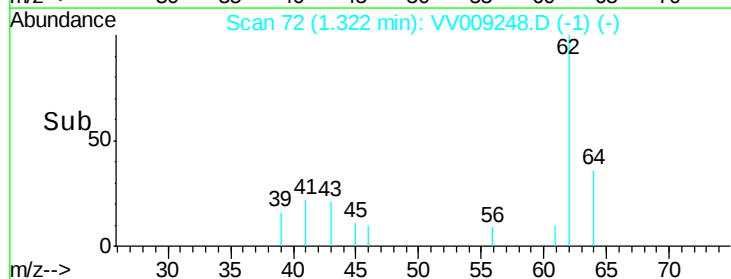
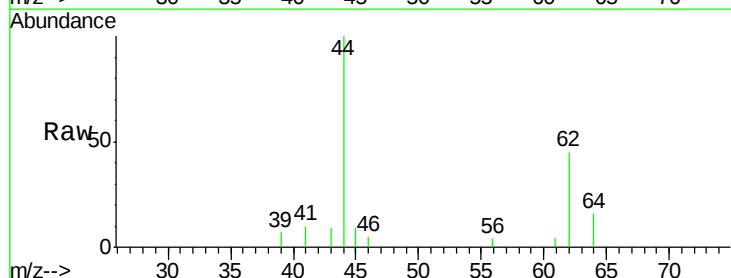
#3
 Chloromethane
 Concen: 2.390 ug/l
 RT: 1.25 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

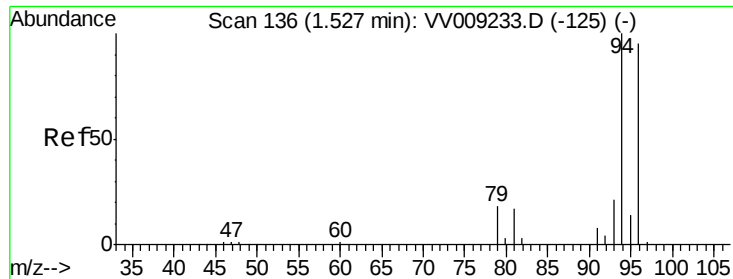
Tot Ion: 50 Resp: 1974
 Ion Ratio Lower Upper
 50 100
 52 32.3 26.3 39.5



#4
 Vinyl Chloride
 Concen: 2.099 ug/l
 RT: 1.32 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

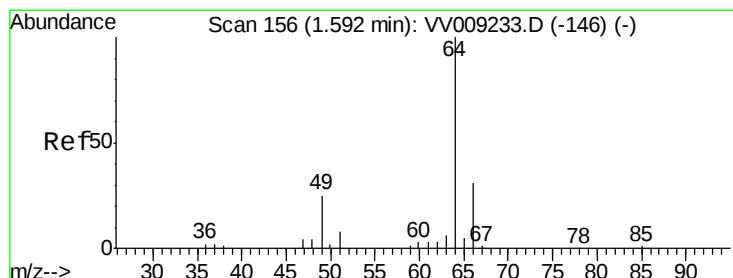
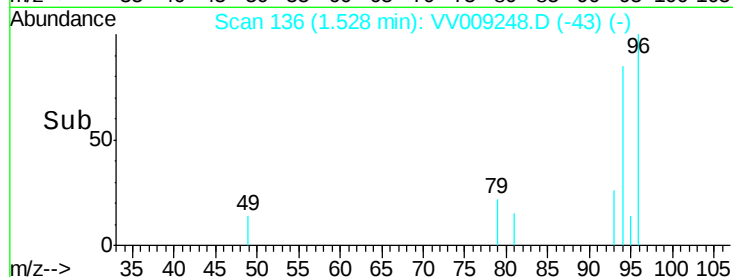
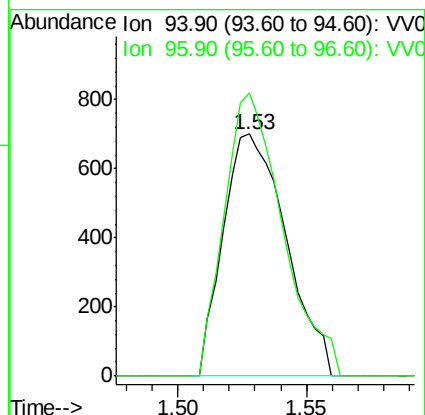
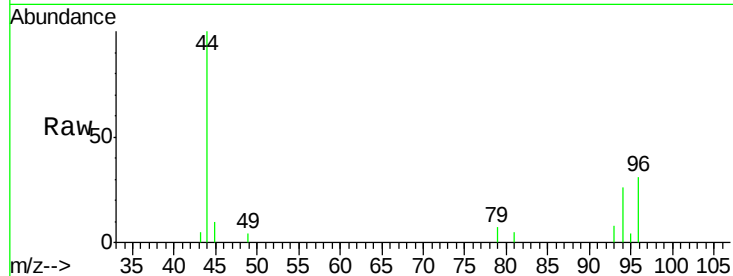
Tgt Ion: 62 Resp: 1970
 Ion Ratio Lower Upper
 62 100
 64 35.7 25.4 38.0





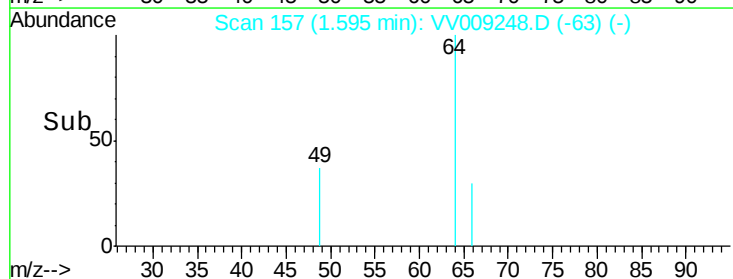
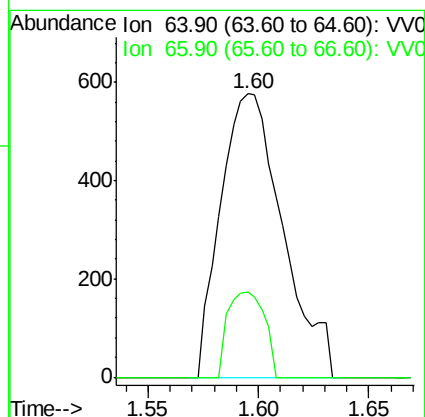
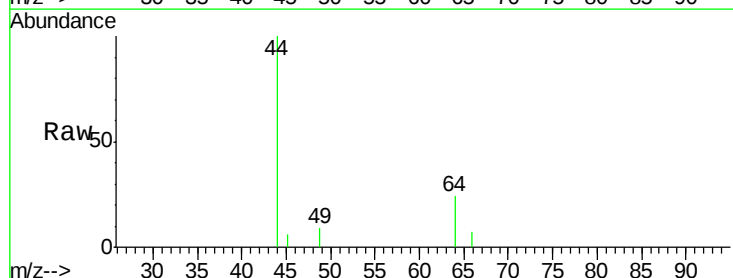
#5
Bromomethane
Concen: 2.240 ug/l
RT: 1.53 min Scan# 136
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

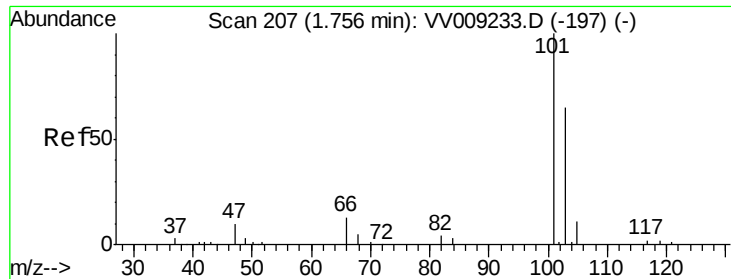
Tot Ion: 94 Resp: 1192
Ion Ratio Lower Upper
94 100
96 117.0 76.3 114.5#



#6
Chloroethane
Concen: 2.145 ug/l
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 64 Resp: 1125
Ion Ratio Lower Upper
64 100
66 30.2 25.1 37.7

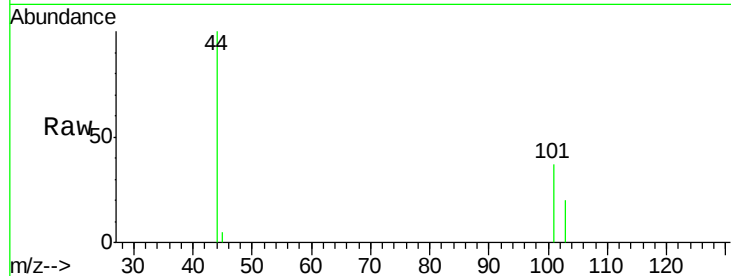




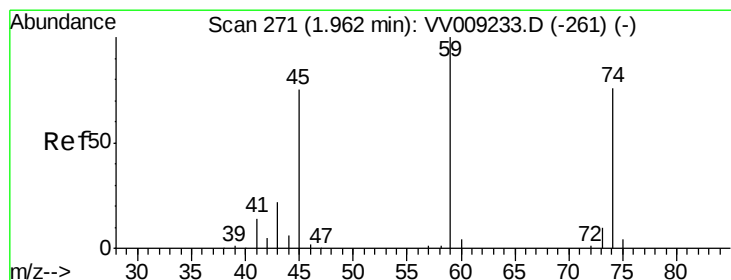
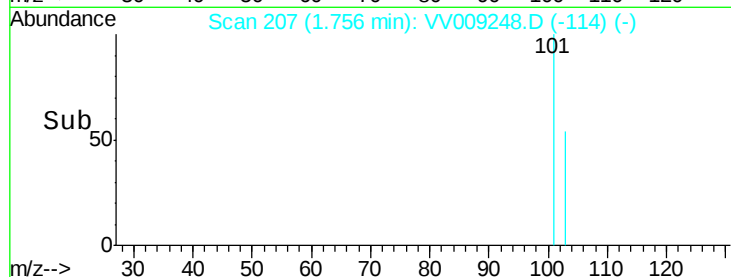
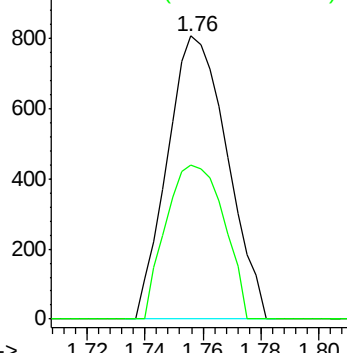
#7

Trichlorofluoromethane
 Concen: 1.751 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tot Ion:101 Resp: 1153
 Ion Ratio Lower Upper
 101 100
 103 54.3 52.2 78.4



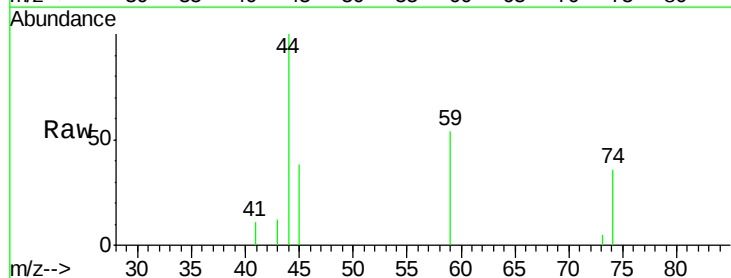
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



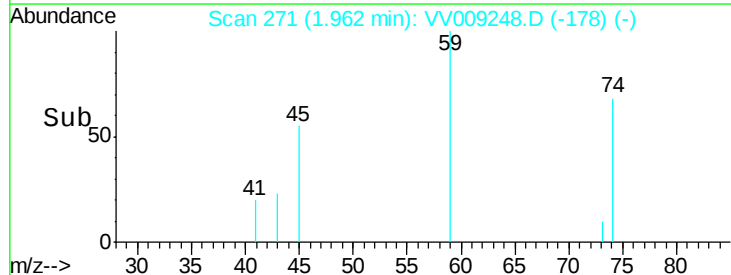
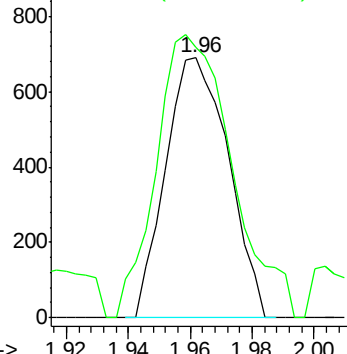
#8

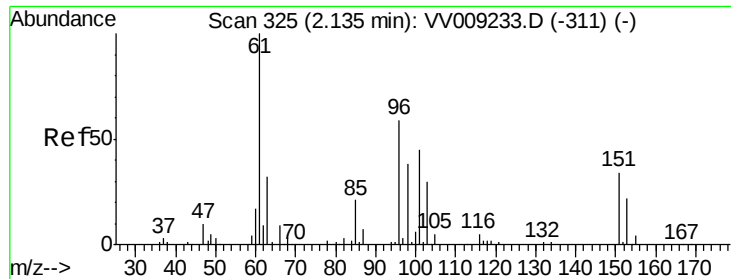
Diethyl Ether
 Concen: 2.344 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tgt Ion: 74 Resp: 971
 Ion Ratio Lower Upper
 74 100
 45 131.7 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: 2.053 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

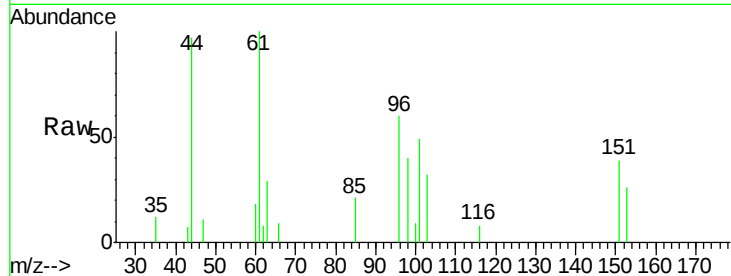
Tot Ion:101 Resp: 1680

Ion Ratio Lower Upper

101 100

85 42.4 35.3 52.9

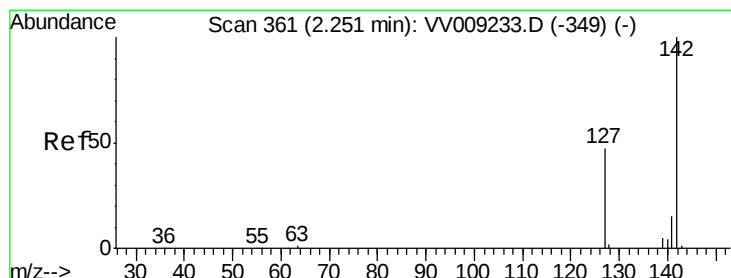
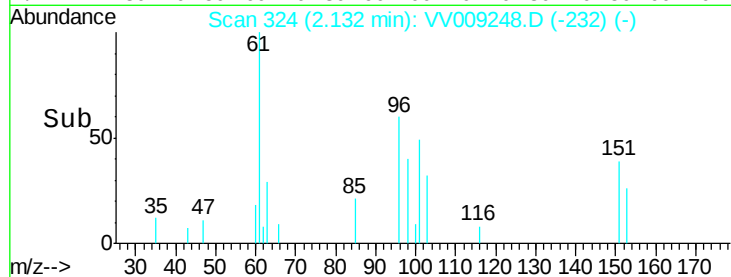
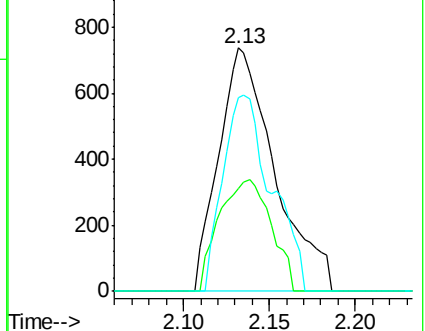
151 69.5 60.1 90.1



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: 2.277 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

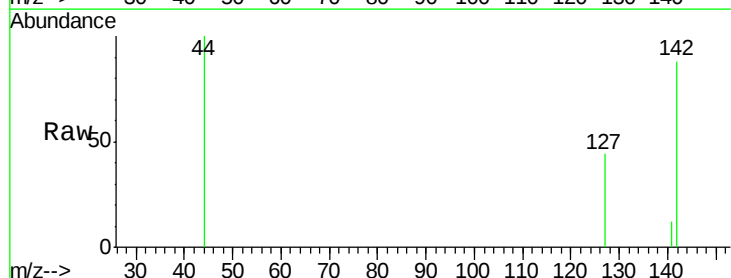
Tgt Ion:142 Resp: 2974

Ion Ratio Lower Upper

142 100

127 45.6 37.9 56.9

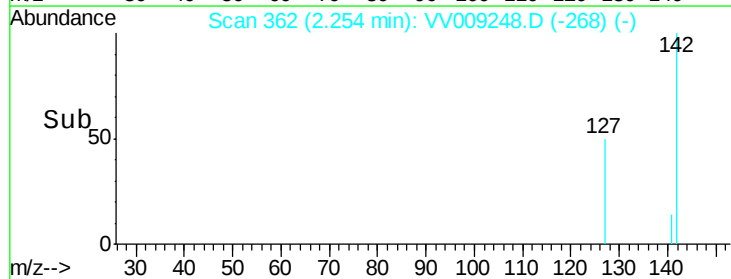
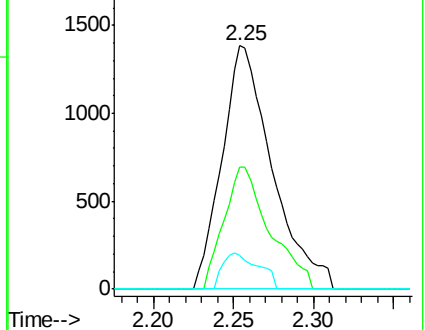
141 10.6 11.7 17.5#

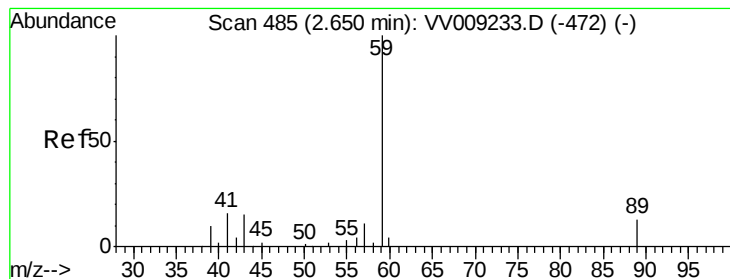


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 24.249 ug/l m

RT: 2.65 min Scan# 485

Delta R.T. 0.00 min

Lab File: VV009248.D

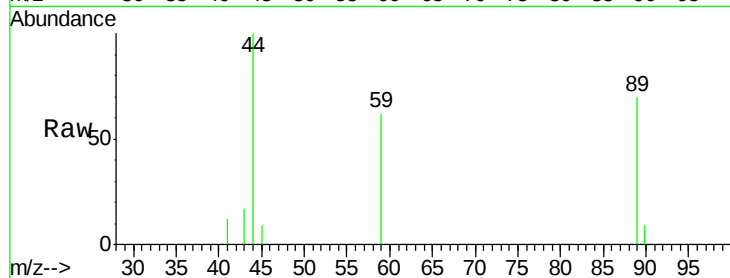
Acq: 23 Jan 2019 15:07

Tot Ion: 59 Resp: 2434

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VV009233.D

Ion 57.00 (56.70 to 57.70): VV009248.D

2.65

800

600

400

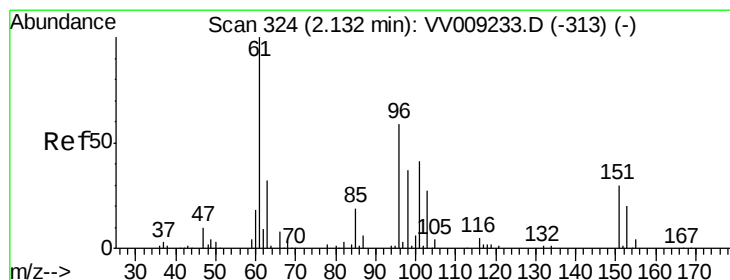
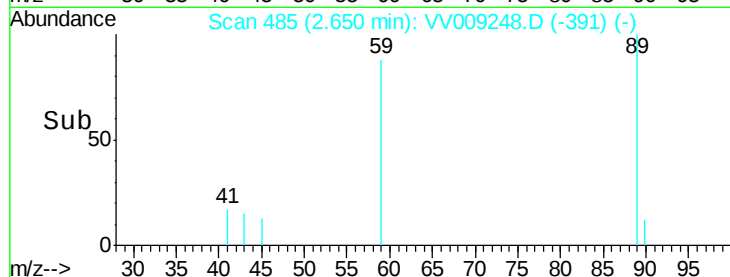
200

0

2.60

2.70

Time-->



#12

1,1-Dichloroethene

Concen: 2.126 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

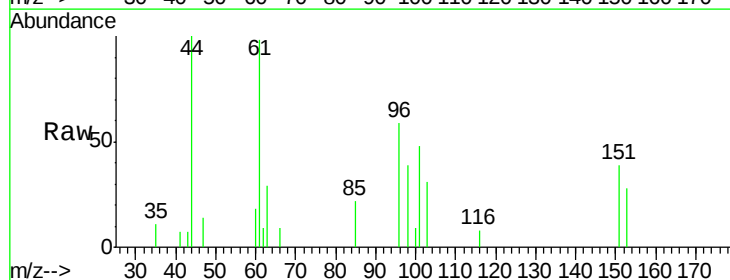
Tgt Ion: 96 Resp: 1708

Ion Ratio Lower Upper

96 100

61 153.2 136.6 205.0

98 66.1 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VV009233.D

Ion 60.90 (60.60 to 61.60): VV009248.D

Ion 97.90 (97.60 to 98.60): VV009248.D

2000

1500

1000

500

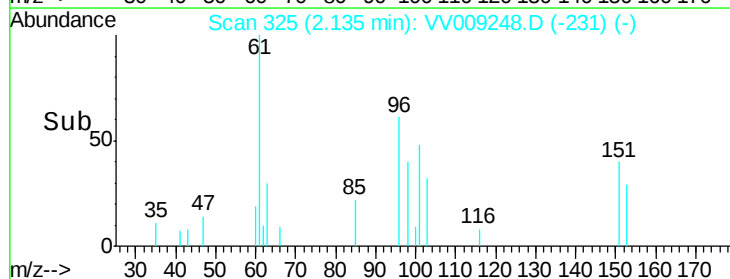
0

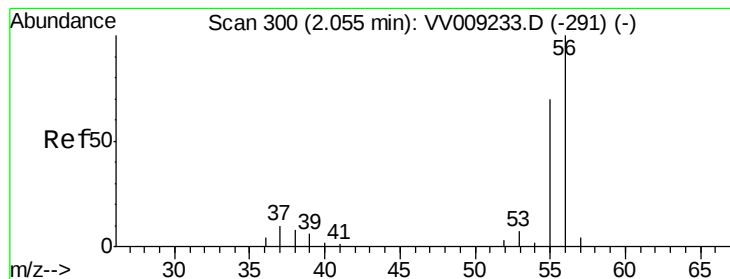
2.10

2.15

2.20

Time-->





#13

Acrolein

Concen: Below Cal

RT: 2.05 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009248.D

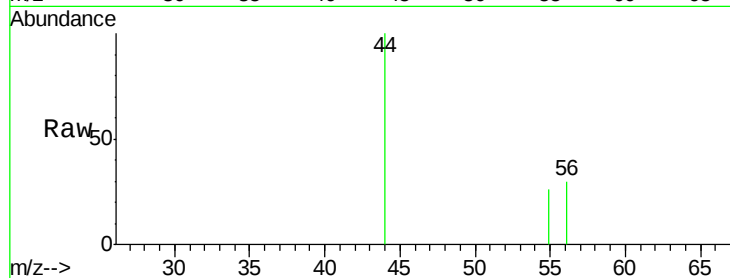
Acq: 23 Jan 2019 15:07

Tot Ion: 56 Resp: 649

Ion Ratio Lower Upper

56 100

55 79.2 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

2.05

500

400

300

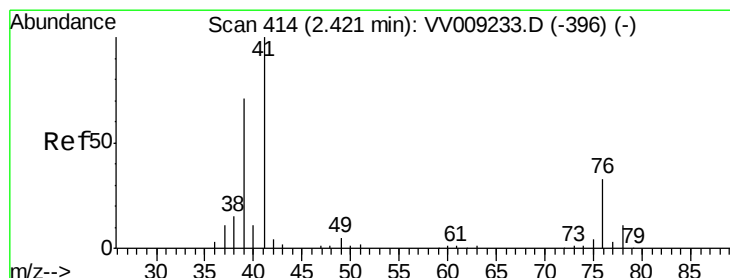
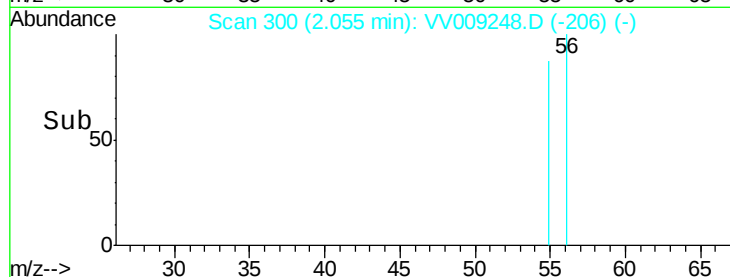
200

100

0

Time-->

2.02 2.04 2.06 2.08



#14

Allyl chloride

Concen: 2.277 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

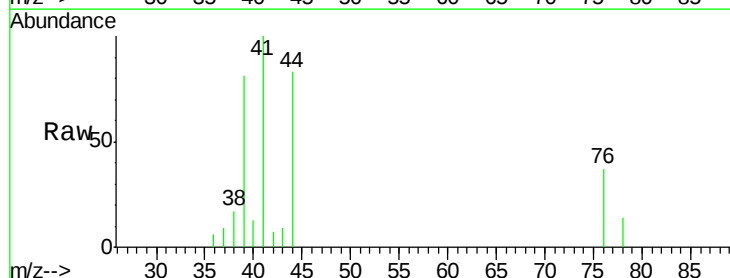
Tgt Ion: 41 Resp: 3153

Ion Ratio Lower Upper

41 100

39 73.6 55.1 82.7

76 31.6 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

2.42

2000

1500

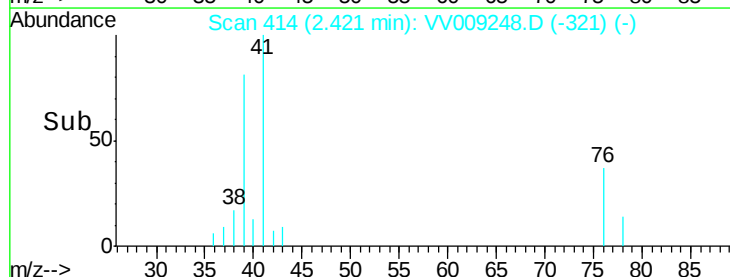
1000

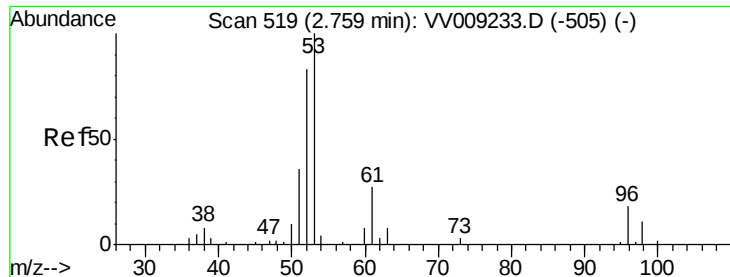
500

0

Time-->

2.35 2.40 2.45





#15

Acrylonitrile

Concen: 12.836 ug/l

RT: 2.76 min Scan# 518

Delta R.T. -0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

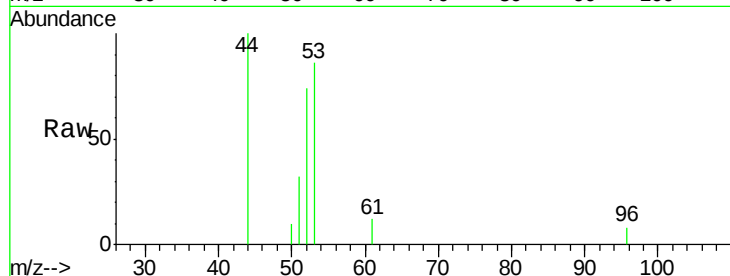
Tot Ion: 53 Resp: 2303

Ion Ratio Lower Upper

53 100

52 75.9 65.3 97.9

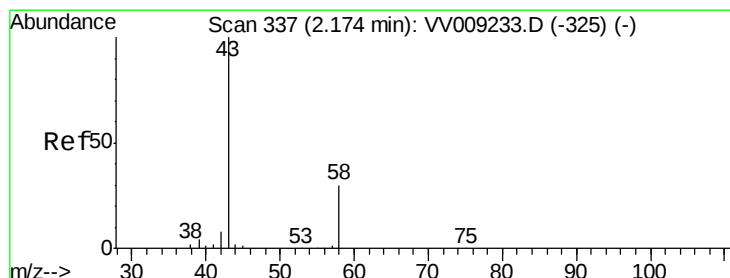
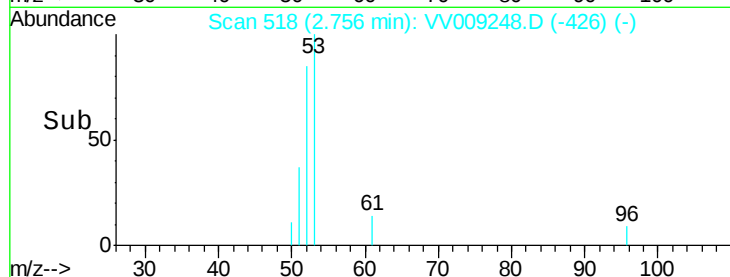
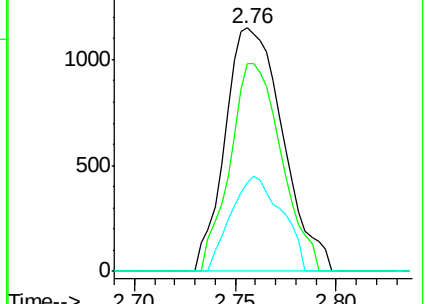
51 34.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009233.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009233.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009233.D (-505) (-)



#16

Acetone

Concen: 13.845 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009248.D

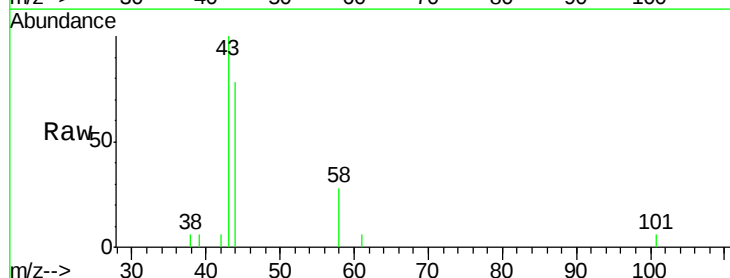
Acq: 23 Jan 2019 15:07

Tgt Ion: 43 Resp: 3475

Ion Ratio Lower Upper

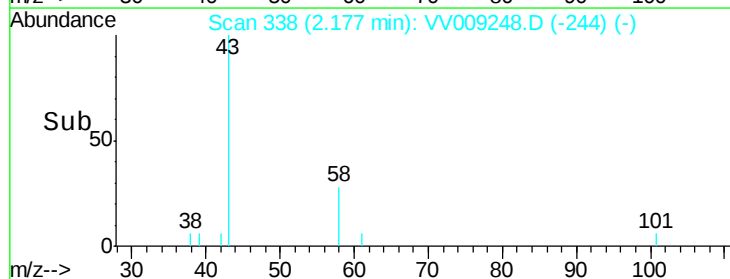
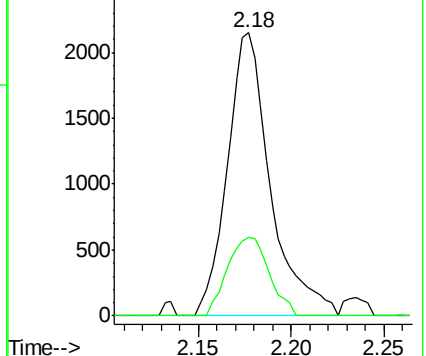
43 100

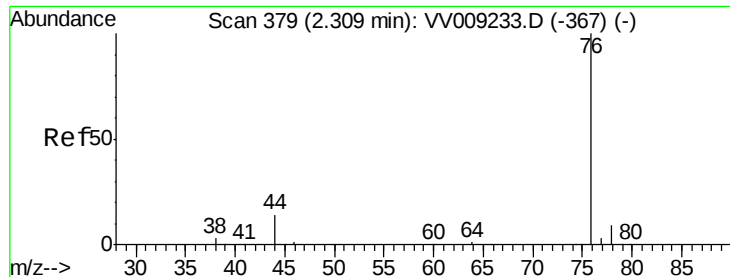
58 27.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-325) (-)





#17

Carbon Disulfide

Concen: 2.077 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009248.D

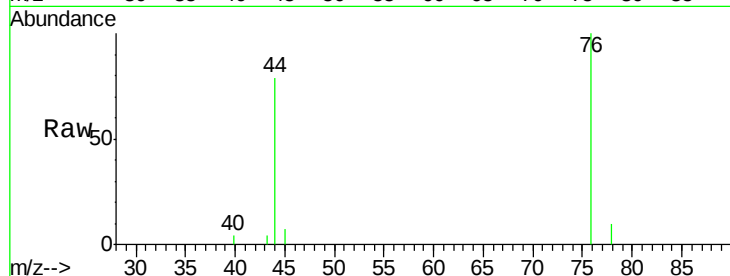
Acq: 23 Jan 2019 15:07

Tot Ion: 76 Resp: 5105

Ion Ratio Lower Upper

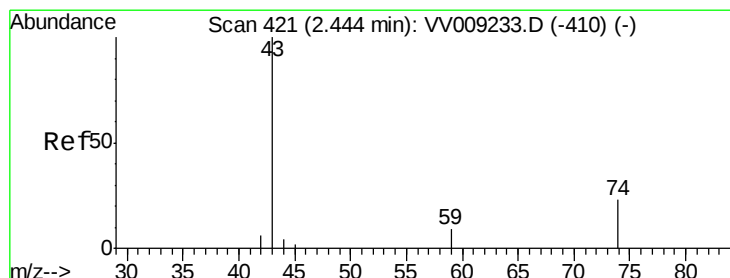
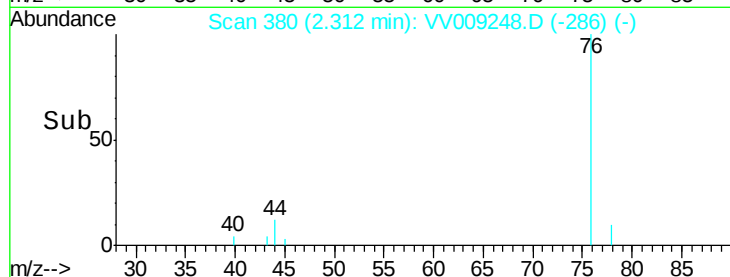
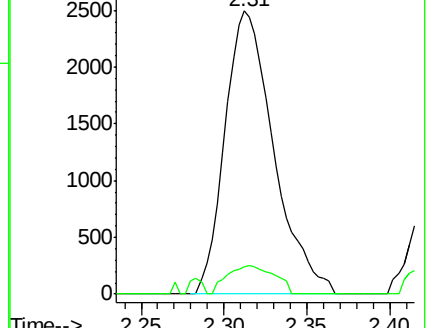
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009248.D (-286) (-)



#18

Methyl Acetate

Concen: 3.523 ug/l

RT: 2.44 min Scan# 421

Delta R.T. 0.00 min

Lab File: VV009248.D

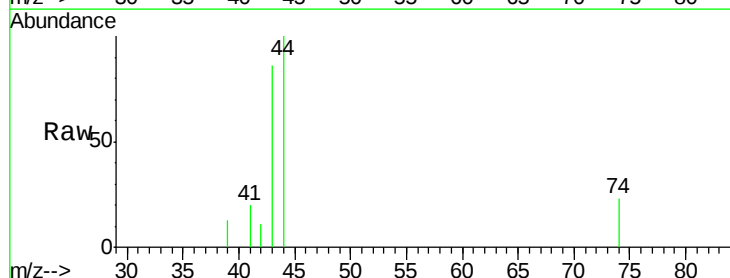
Acq: 23 Jan 2019 15:07

Tgt Ion: 43 Resp: 2362

Ion Ratio Lower Upper

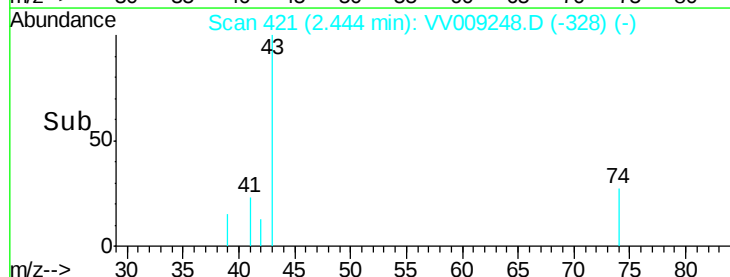
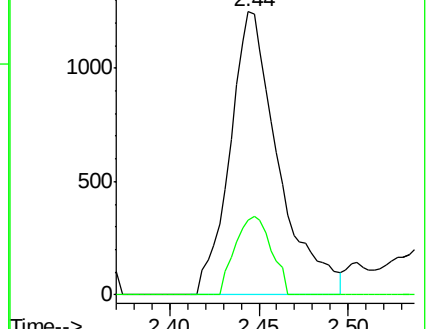
43 100

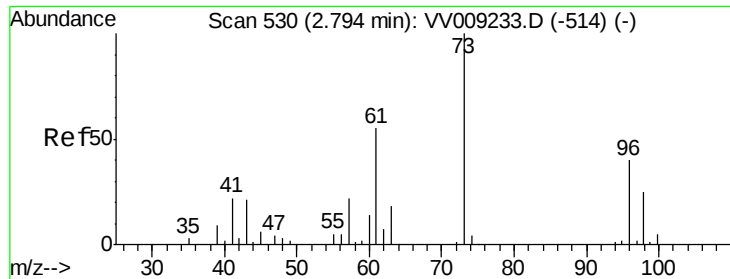
74 20.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-410) (-)

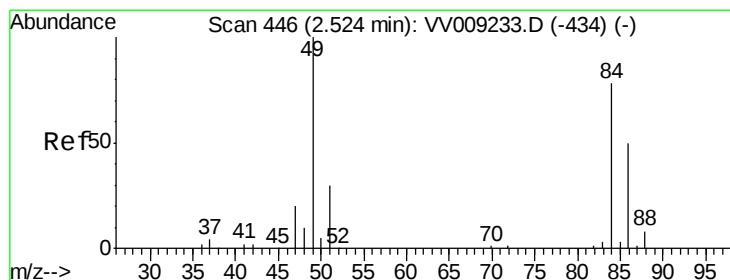
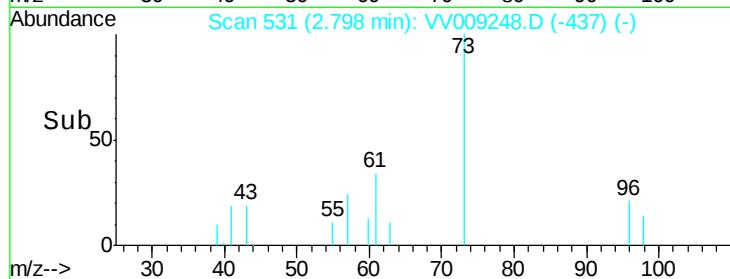
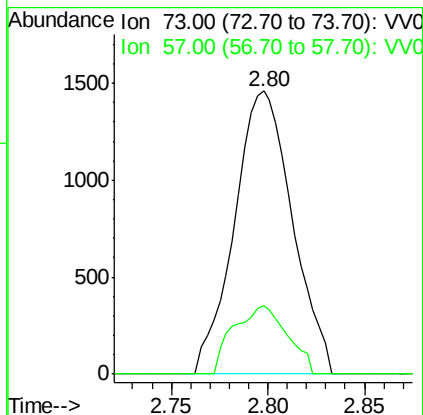
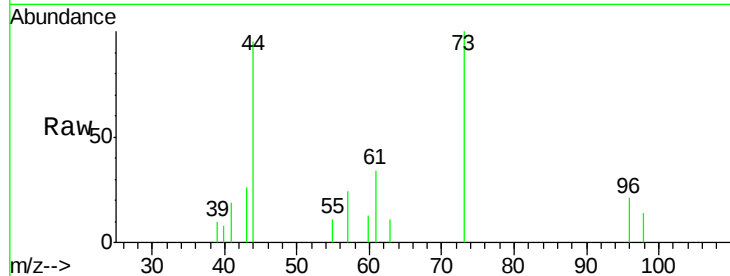
Ion 74.00 (73.70 to 74.70): VV009248.D (-328) (-)





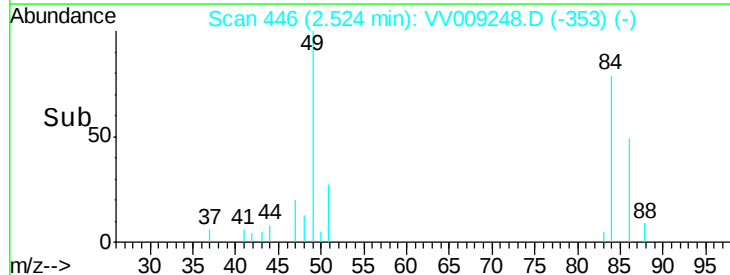
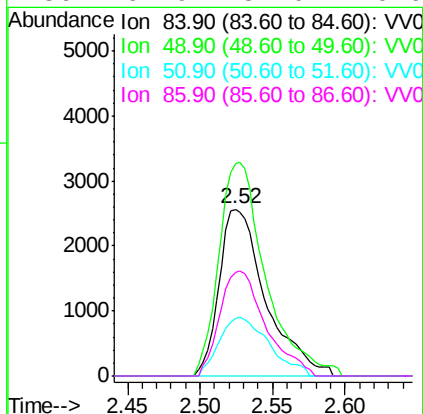
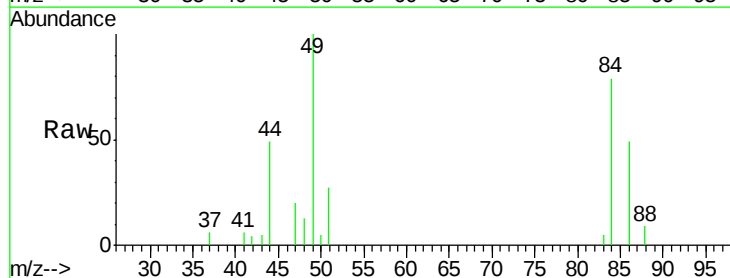
#19
Methvl tert-butvl Ether
Concen: 2.438 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

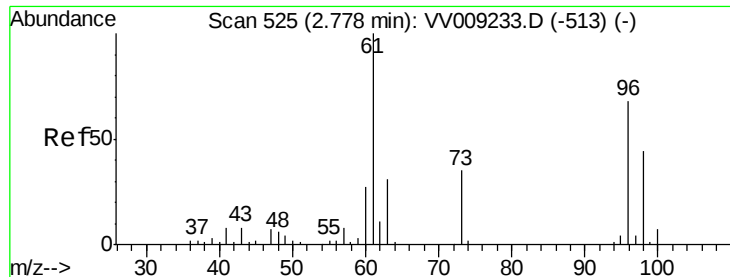
Tot Ion: 73 Resp: 3040
Ion Ratio Lower Upper
73 100
57 24.0 18.0 27.0



#20
Methylene Chloride
Concen: 3.076 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 84 Resp: 5758
Ion Ratio Lower Upper
84 100
49 127.3 102.0 153.0
51 34.5 30.9 46.3
86 61.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 2.264 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

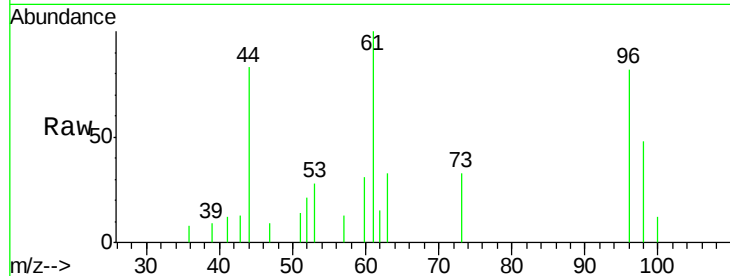
Tot Ion: 96 Resp: 1960

Ion Ratio Lower Upper

96 100

61 122.5 117.7 176.5

98 59.1 51.5 77.3

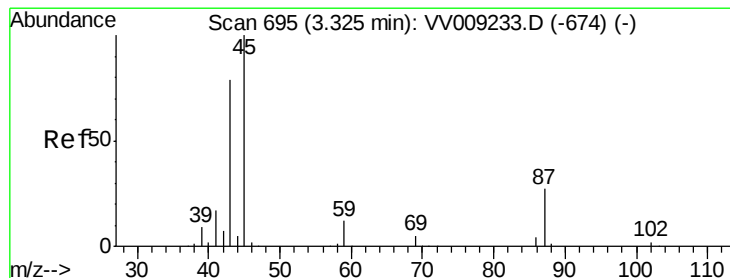
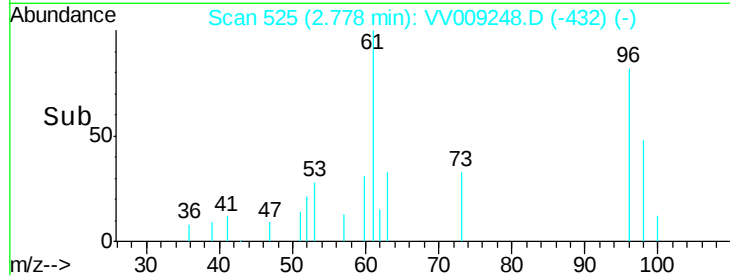
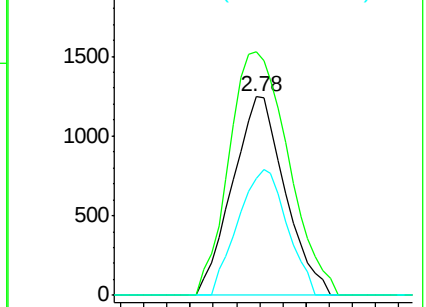


Abundance

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: 2.333 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tgt Ion: 45 Resp: 6879

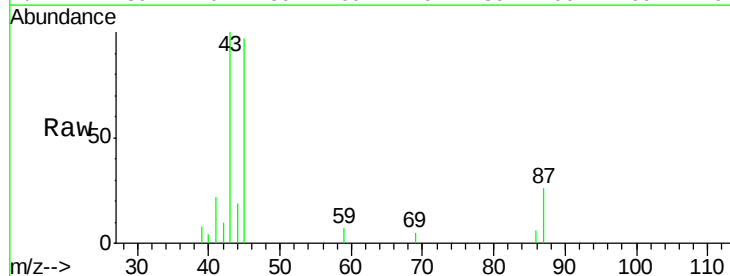
Ion Ratio Lower Upper

45 100

43 95.8 63.0 94.4#

87 26.8 21.5 32.3

59 7.0 9.3 13.9#



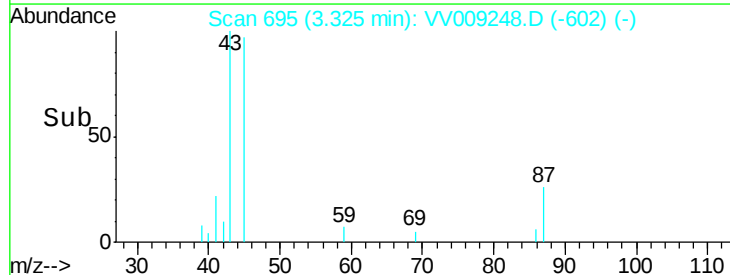
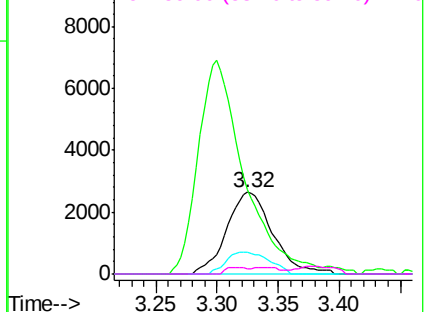
Abundance

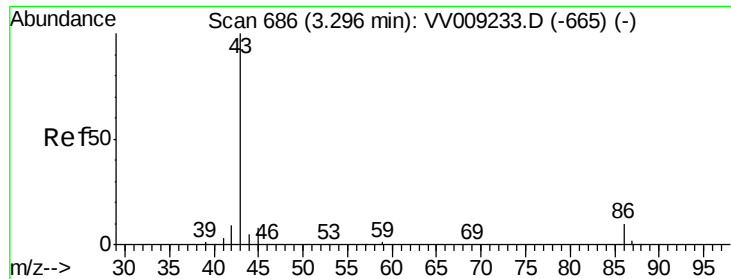
Ion 45.00 (44.70 to 45.70): VV0

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: 11.244 ug/l

RT: 3.30 min Scan# 687

Delta R.T. 0.00 min

Lab File: VV009248.D

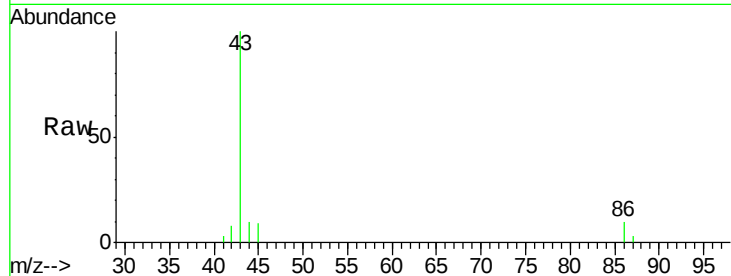
Acq: 23 Jan 2019 15:07

Tot Ion: 43 Resp: 17988

Ion Ratio Lower Upper

43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009248.D (-593) (-)

Ion 86.00 (85.70 to 86.70): VV009248.D (-593) (-)

3.30

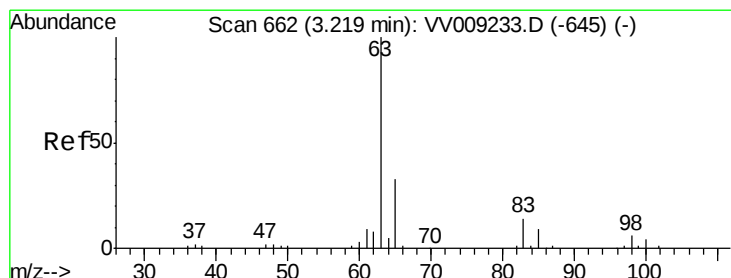
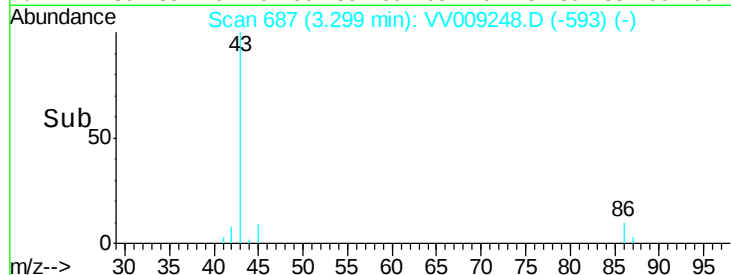
6000

4000

2000

0

Time--> 3.20 3.25 3.30 3.35 3.40



#24

1,1-Dichloroethane

Concen: 2.224 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

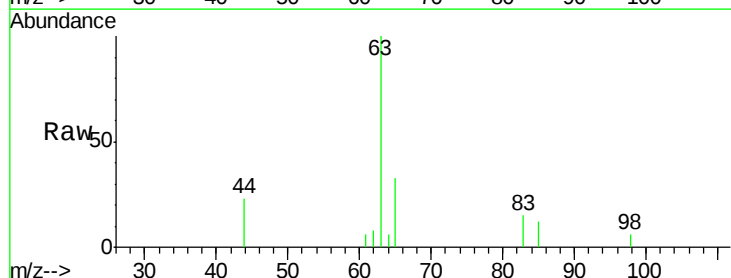
Tgt Ion: 63 Resp: 4079

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VV009248.D (-569) (-)

Ion 97.90 (97.60 to 98.60): VV009248.D (-569) (-)

Ion 99.90 (99.60 to 100.60): VV009248.D (-569) (-)

3.22

2500

2000

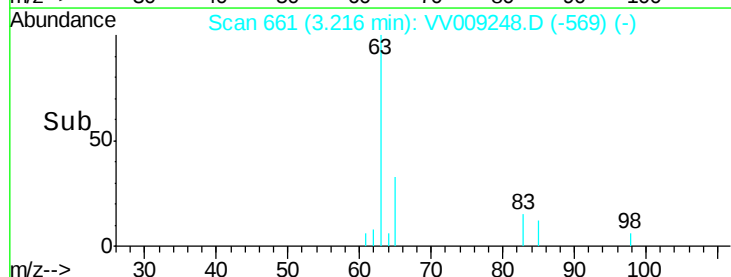
1500

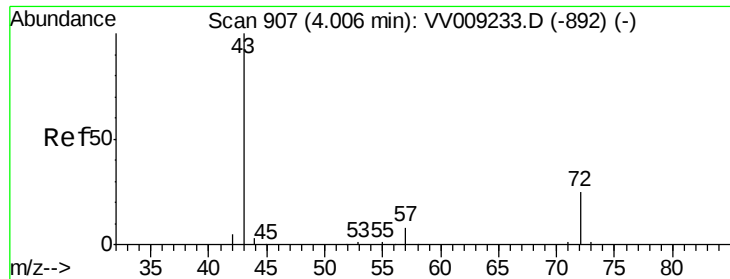
1000

500

0

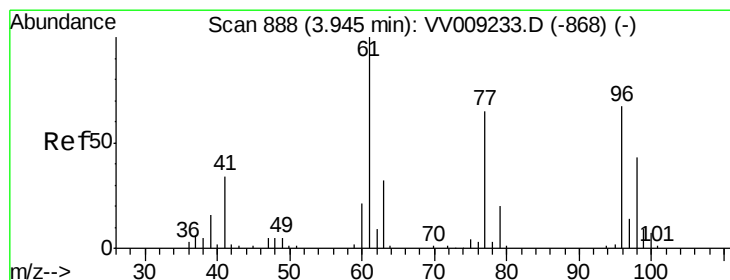
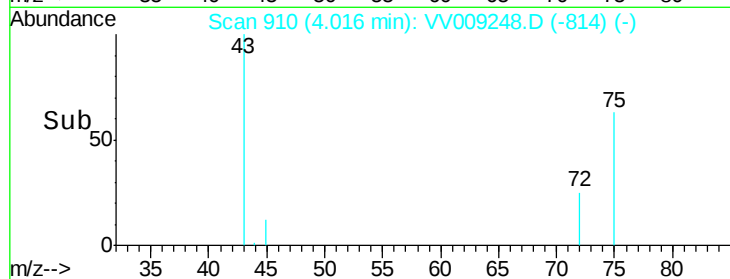
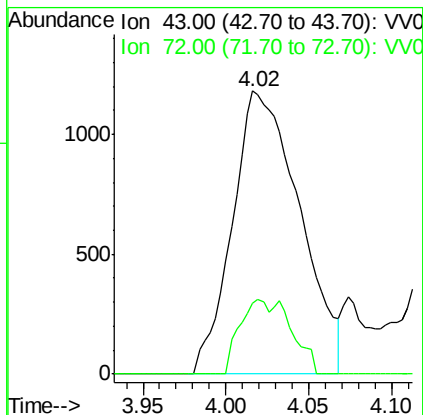
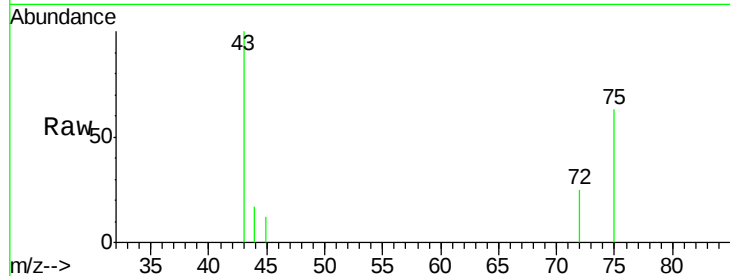
Time--> 3.15 3.20 3.25





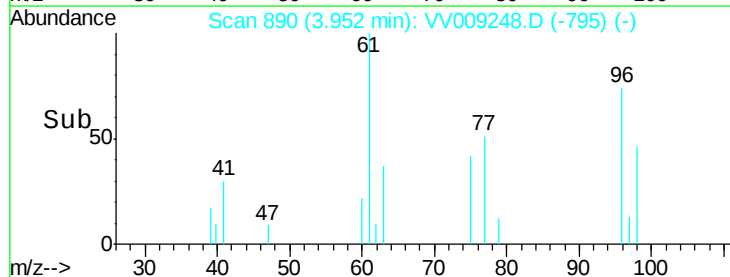
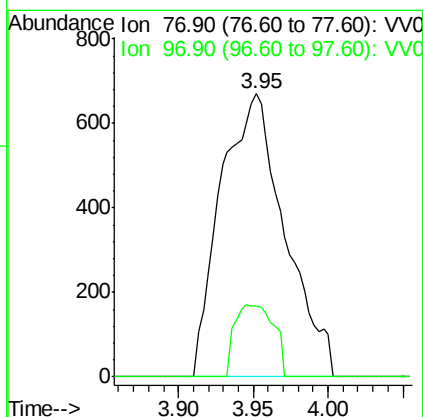
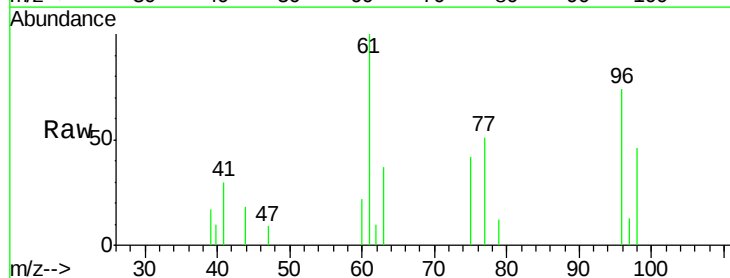
#25
 2-Butanone
 Concen: 11.596 ug/l
 RT: 4.02 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

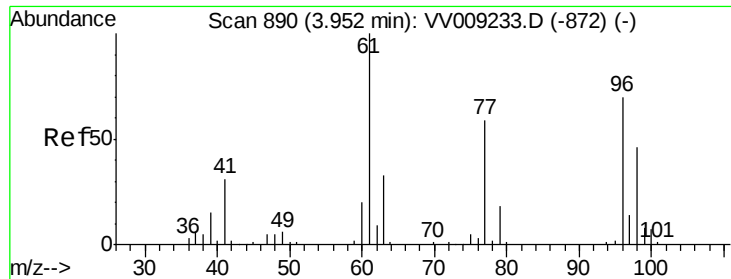
Tot Ion: 43 Resp: 3328
 Ion Ratio Lower Upper
 43 100
 72 25.0 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 1.932 ug/l
 RT: 3.95 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tgt Ion: 77 Resp: 1995
 Ion Ratio Lower Upper
 77 100
 97 15.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 2.161 ug/l

RT: 3.95 min Scan# 890

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

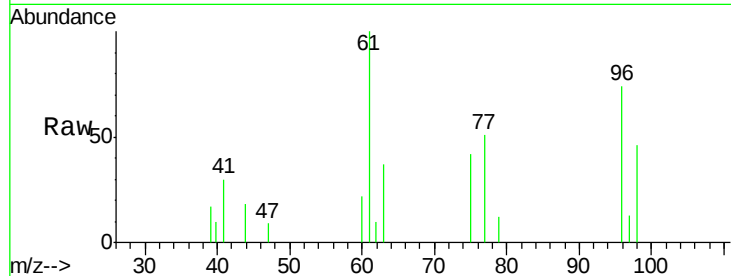
Tot Ion: 96 Resp: 2261

Ion Ratio Lower Upper

96 100

61 155.3 0.0 296.4

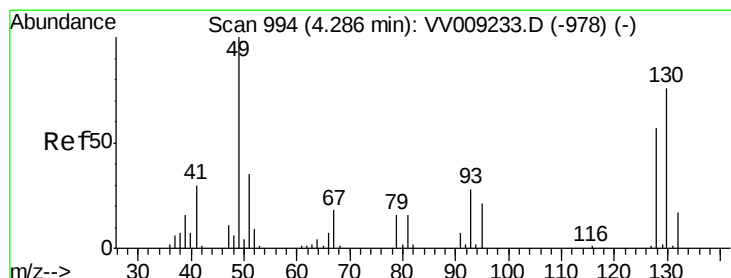
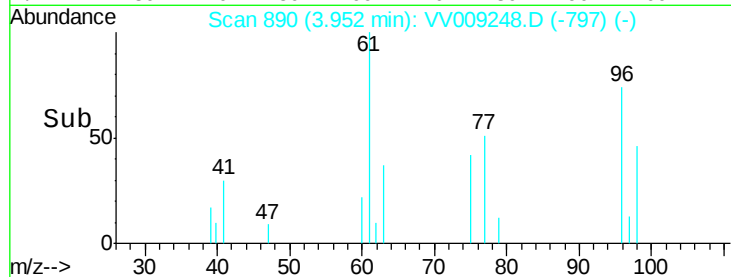
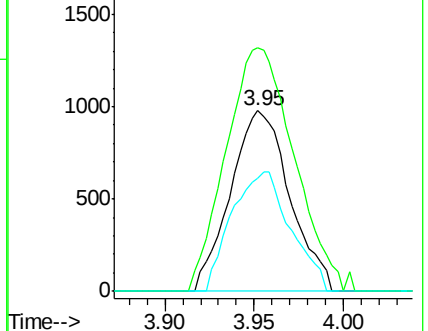
98 65.6 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VV009248.D (-979) (-)

Ion 60.90 (60.60 to 61.60): VV009248.D (-979) (-)

Ion 97.90 (97.60 to 98.60): VV009248.D (-979) (-)



#28

Bromochloromethane

Concen: 2.138 ug/l

RT: 4.29 min Scan# 995

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

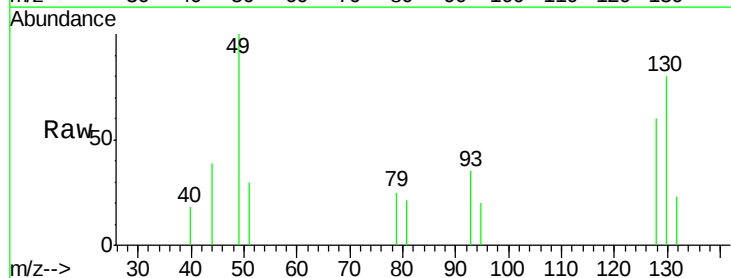
Tgt Ion: 49 Resp: 1447

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

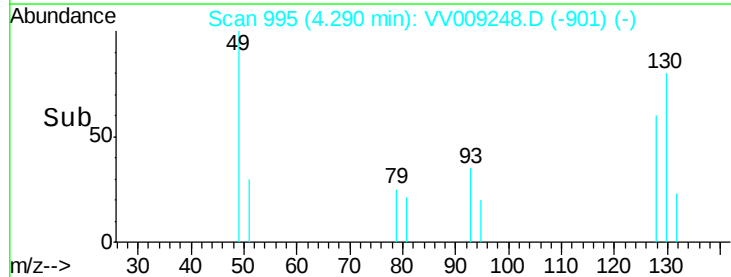
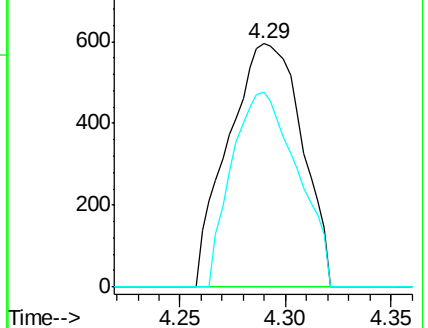
130 71.3 60.2 90.4

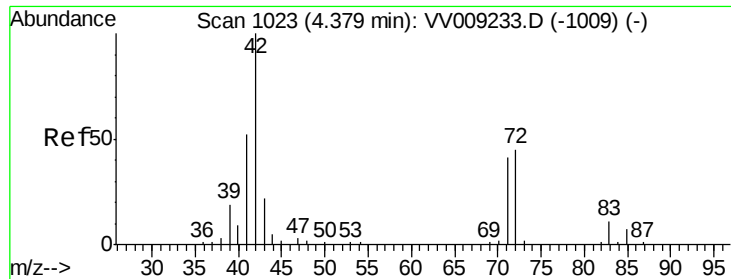


Abundance Ion 48.90 (48.60 to 49.60): VV009248.D (-901) (-)

Ion 128.80 (128.50 to 129.50): VV009248.D (-901) (-)

Ion 129.80 (129.50 to 130.50): VV009248.D (-901) (-)





#29

Tetrahydrofuran

Concen: 13.715 ug/l m

RT: 4.40 min Scan# 1029

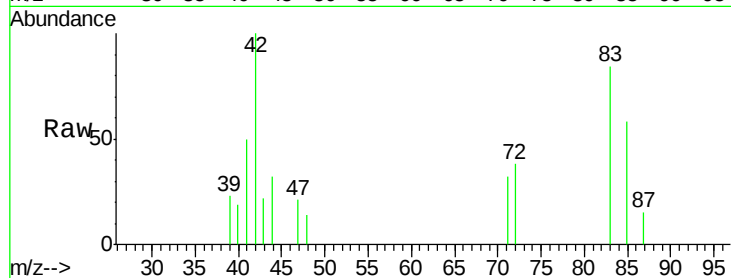
Delta R.T. 0.02 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tot Ion: 42 Resp: 2141

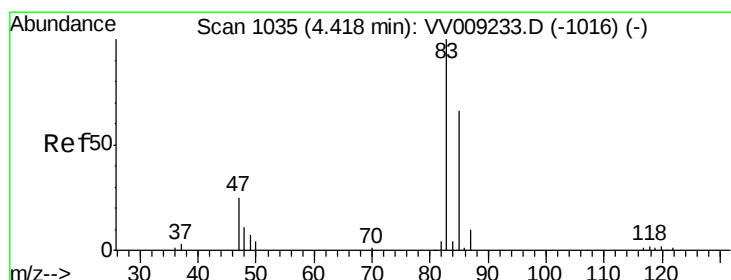
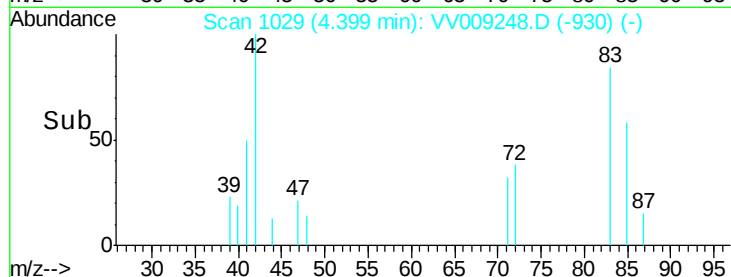
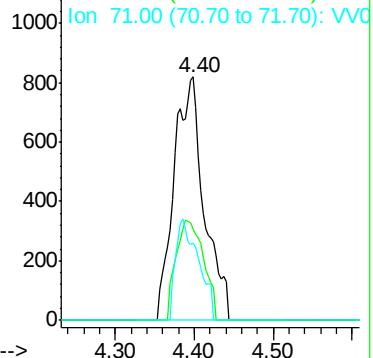
Ion	Ratio	Lower	Upper
42	100		
72	37.9	37.7	56.5
71	31.7	31.5	47.3



Abundance Ion 42.00 (41.70 to 42.70): VV009233.D (-1009) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-1009) (-)

Ion 71.00 (70.70 to 71.70): VV009233.D (-1009) (-)



#30

Chloroform

Concen: 2.268 ug/l

RT: 4.42 min Scan# 1036

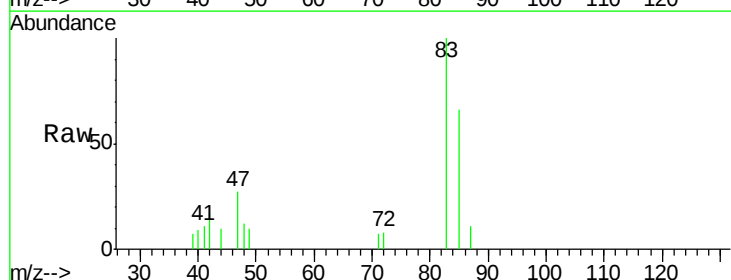
Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

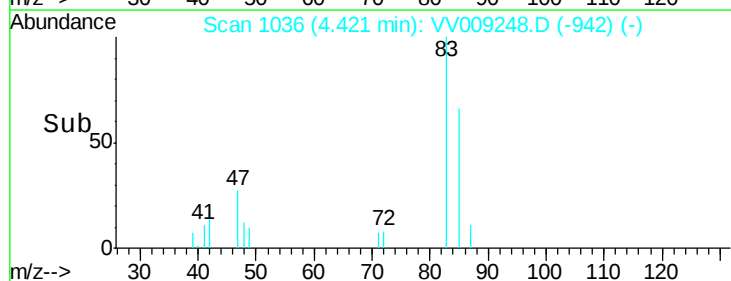
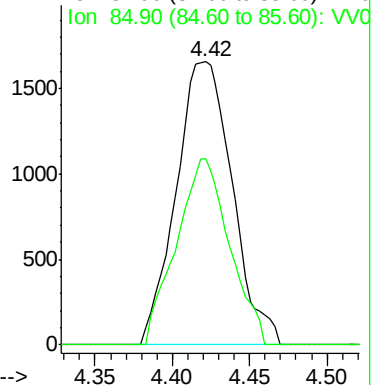
Tgt Ion: 83 Resp: 4179

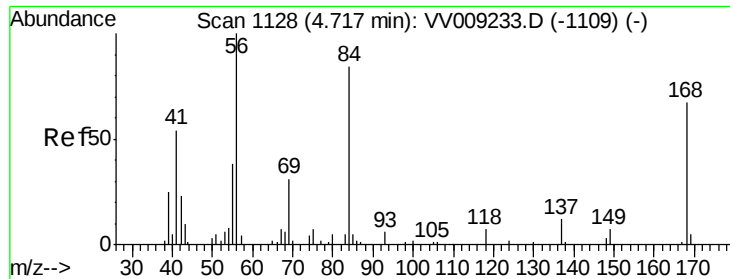
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	79.0



Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1016) (-)

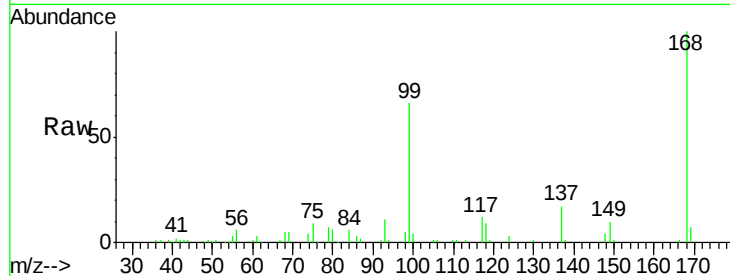
Ion 84.90 (84.60 to 85.60): VV009233.D (-1016) (-)



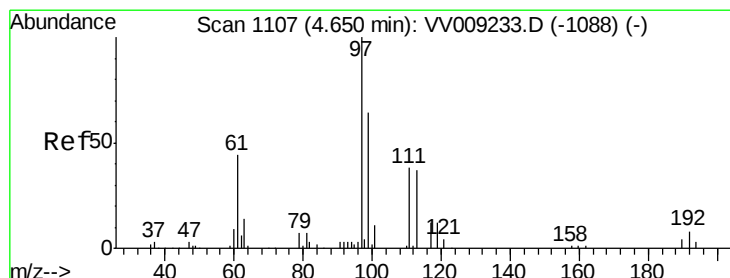
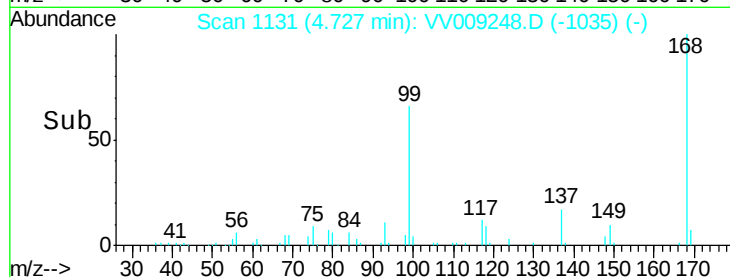
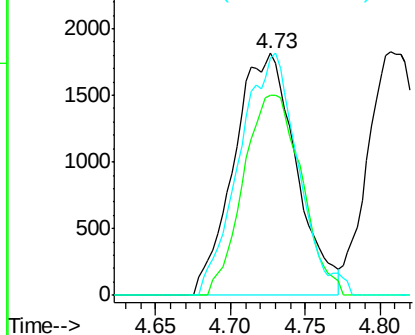


#31
Cyclohexane
Concen: 3.132 ug/l
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion: 56 Resp: 5245
Ion Ratio Lower Upper
56 100
69 82.6 25.1 37.7#
84 98.0 67.3 100.9

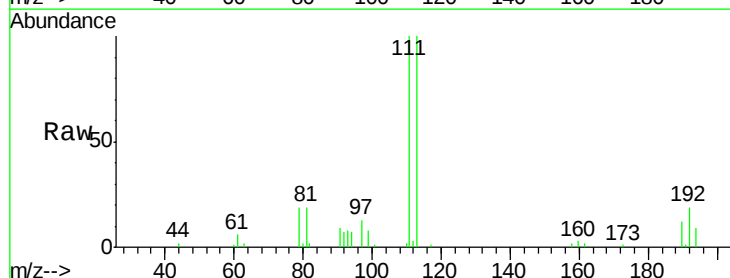


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

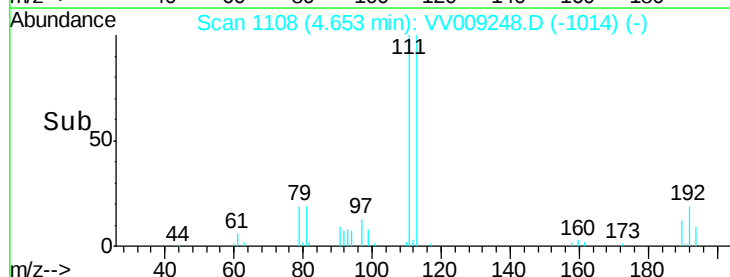
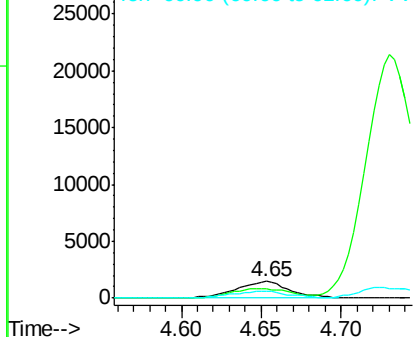


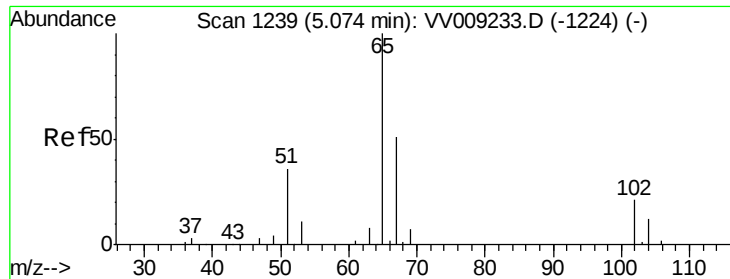
#32
1,1,1-Trichloroethane
Concen: 2.136 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 97 Resp: 3317
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.2
61 42.7 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: 52.130 ug/l

RT: 5.08 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV009248.D

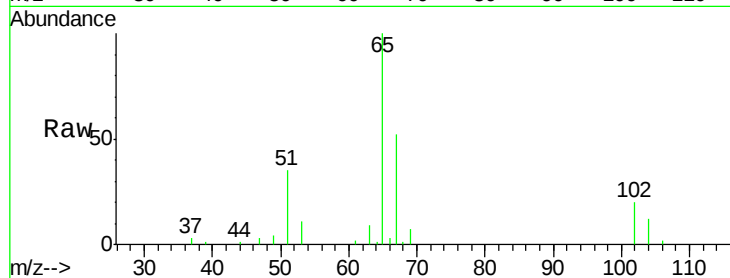
Acq: 23 Jan 2019 15:07

Tot Ion: 65 Resp: 48223

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VV0

Ion 66.90 (66.60 to 67.60): VV0

5.08

25000

20000

15000

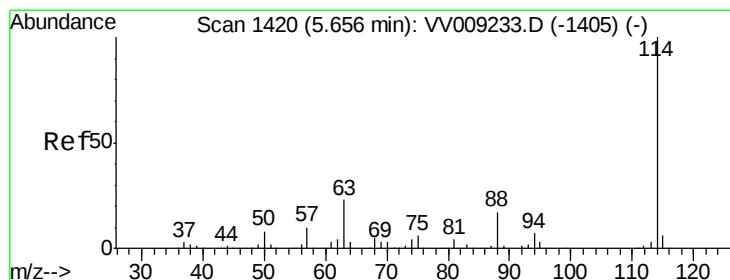
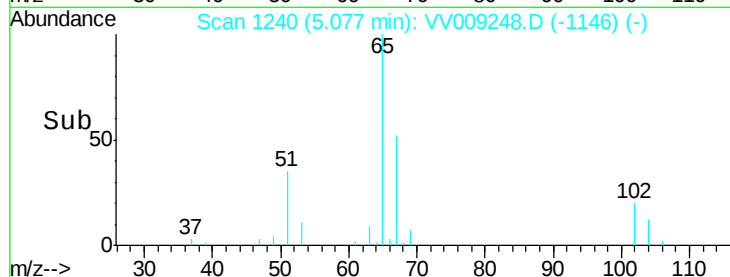
10000

5000

0

Time-->

5.00 5.05 5.10 5.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

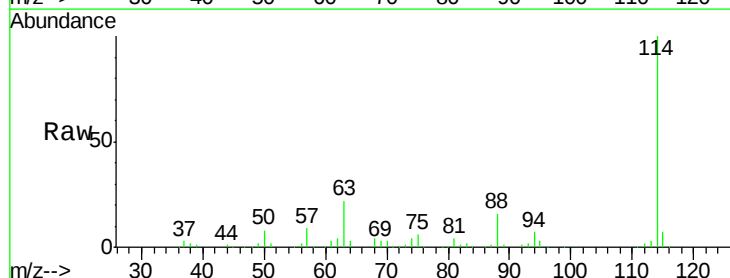
Tgt Ion: 114 Resp: 130389

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 16.0 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VV0

Ion 87.90 (87.60 to 88.60): VV0

80000

60000

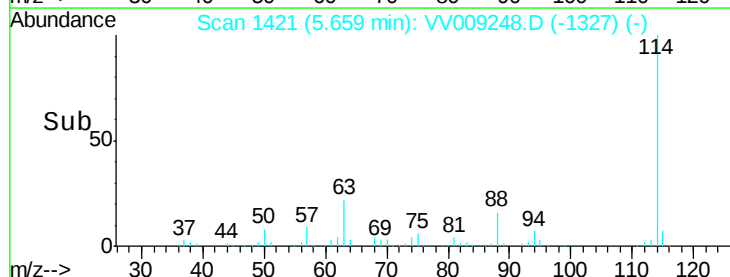
40000

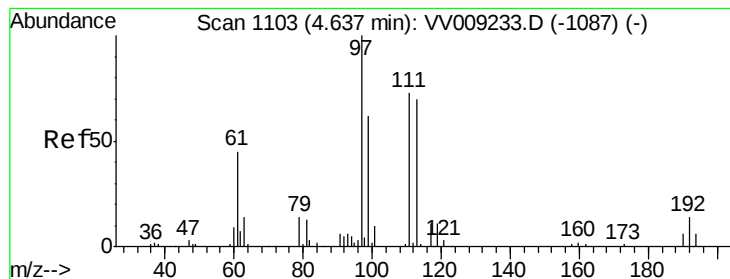
20000

0

Time-->

5.55 5.60 5.65 5.70 5.75





#35

Dibromofluoromethane

Concen: 49.143 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

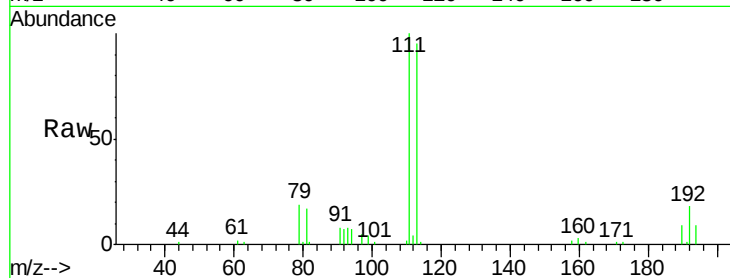
Tot Ion:113 Resp: 41696

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

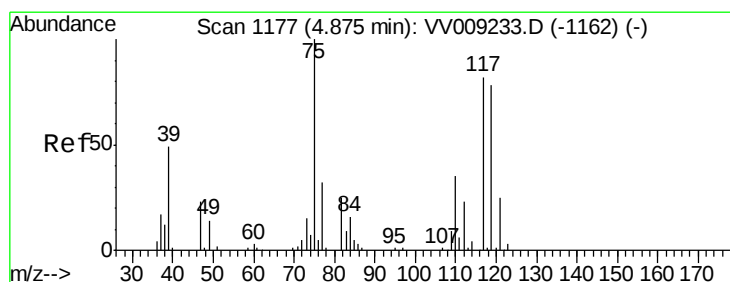
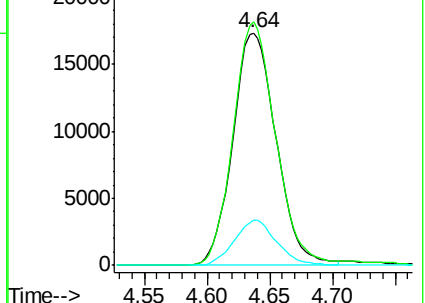
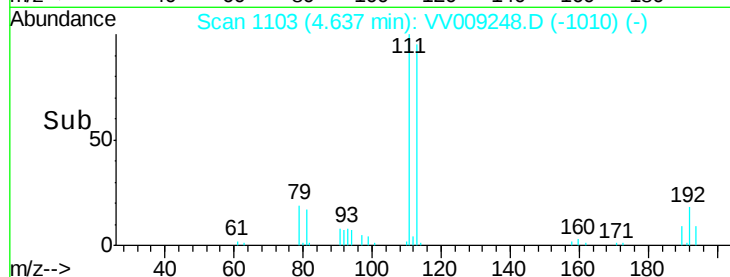
192 18.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.391 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

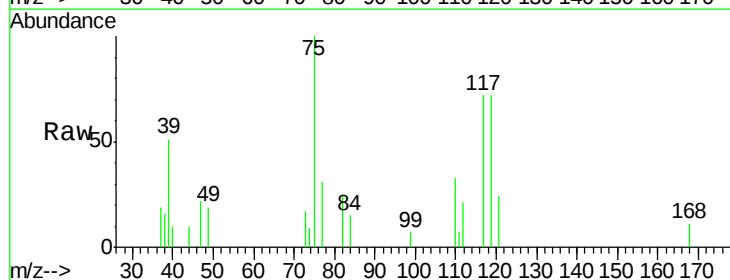
Tgt Ion: 75 Resp: 3462

Ion Ratio Lower Upper

75 100

110 31.1 17.5 52.5

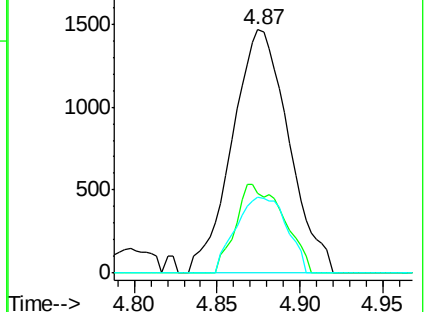
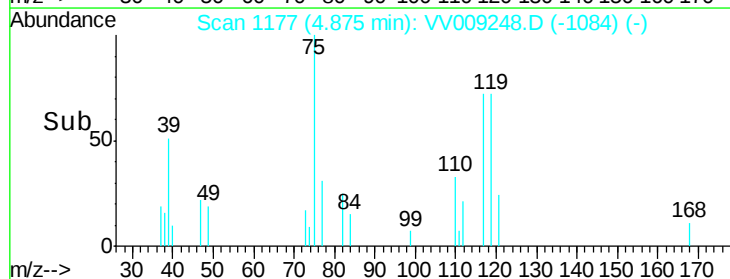
77 28.0 25.5 38.3

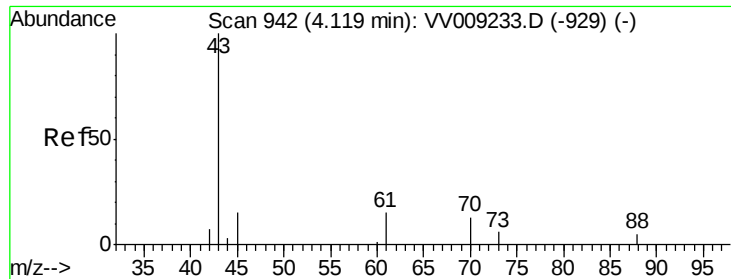


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

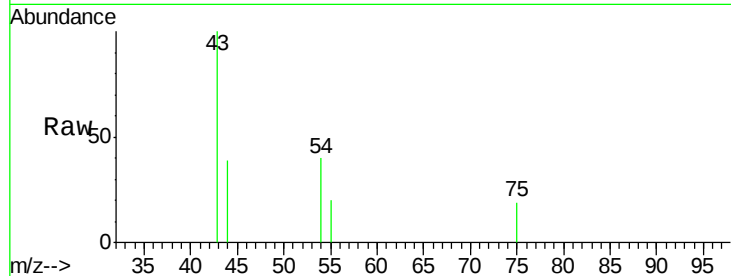
Ion 76.90 (76.60 to 77.60): VV0



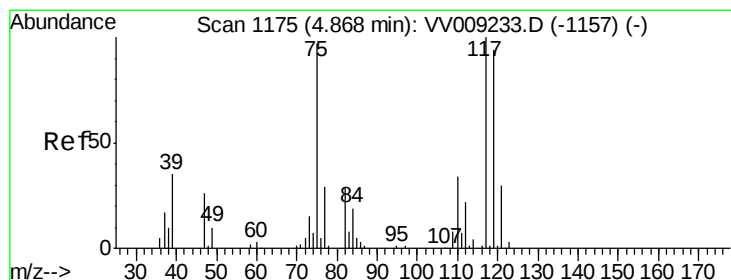
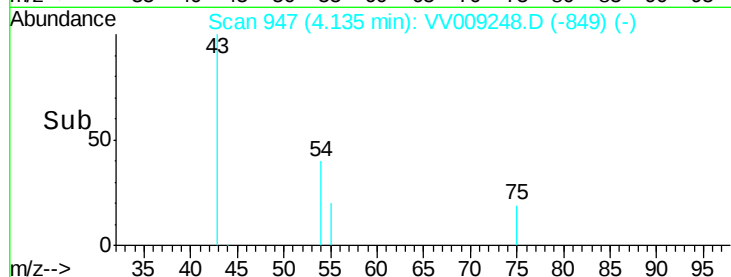
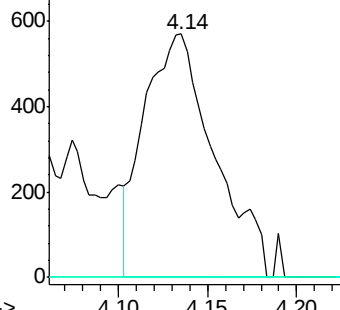


#37
Ethyl Acetate
Concen: 2.790 ug/l
RT: 4.14 min Scan# 947
Delta R.T. 0.02 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.7 13.1#

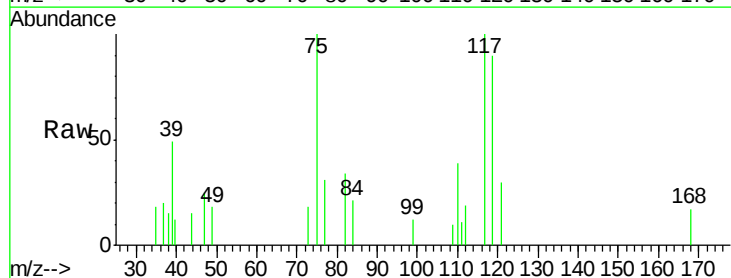


Abundance Ion 43.00 (42.70 to 43.70): VV009248.D (-849) (-)
Ion 60.90 (60.60 to 61.60): VV009248.D (-849) (-)
Ion 70.00 (69.70 to 70.70): VV009248.D (-849) (-)

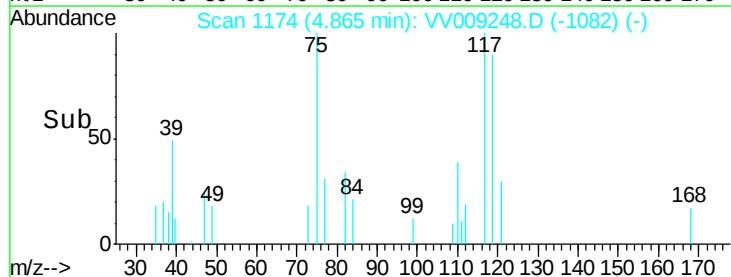
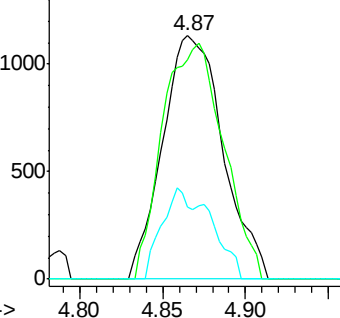


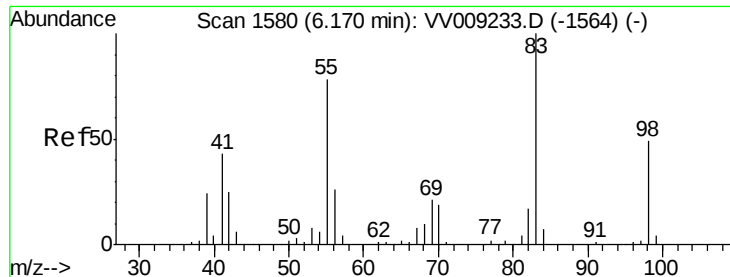
#38
Carbon Tetrachloride
Concen: 1.983 ug/l
RT: 4.87 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 117 Resp: 2874
Ion Ratio Lower Upper
117 100
119 90.1 75.4 113.2
121 29.8 24.2 36.2



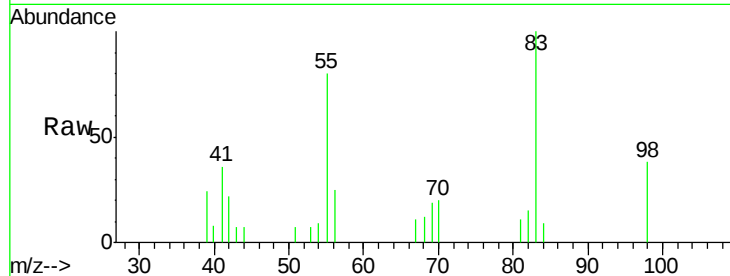
Abundance Ion 116.80 (116.50 to 117.50): VV009248.D (-1082) (-)
Ion 118.80 (118.50 to 119.50): VV009248.D (-1082) (-)
Ion 120.80 (120.50 to 121.50): VV009248.D (-1082) (-)



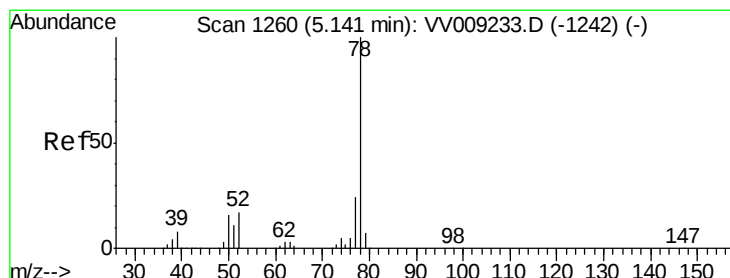
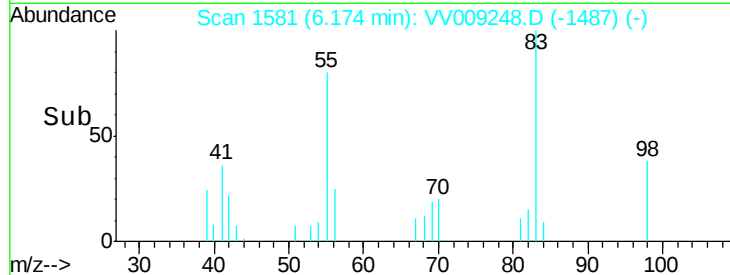
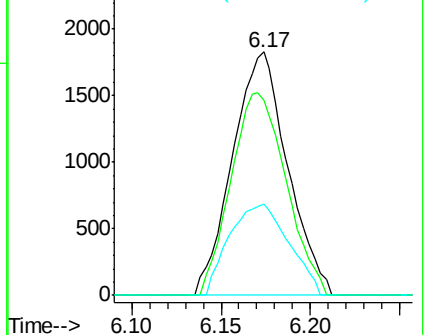


#39
Methvlcvclohexane
Concen: 2.290 ug/l
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion: 83 Resp: 3926
Ion Ratio Lower Upper
83 100
55 80.0 62.8 94.2
98 37.6 39.1 58.7#

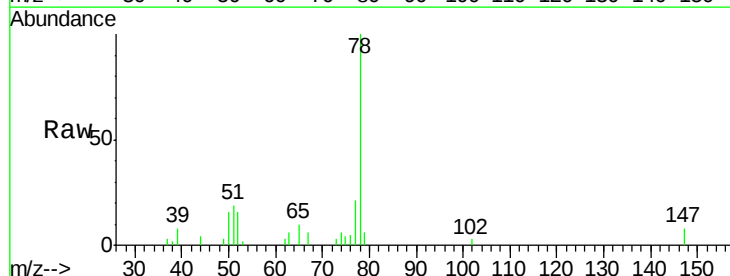


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

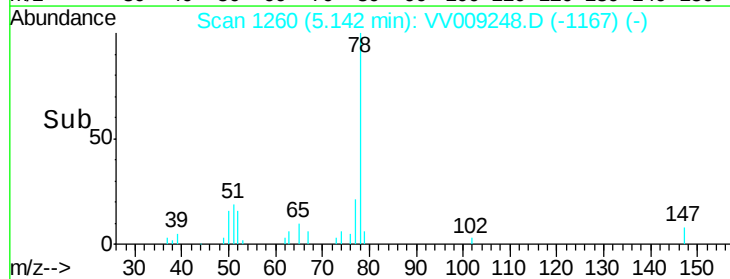
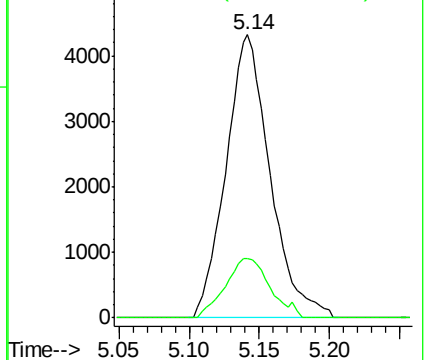


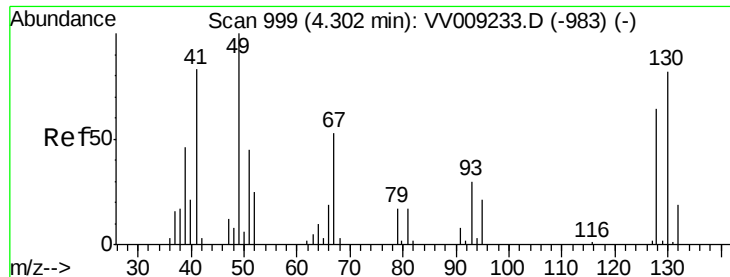
#40
Benzene
Concen: 2.327 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 78 Resp: 9422
Ion Ratio Lower Upper
78 100
77 21.2 19.4 29.2



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





#41

Methacrylonitrile

Concen: 1.971 ug/l

RT: 4.31 min Scan# 1000

Delta R.T. 0.00 min

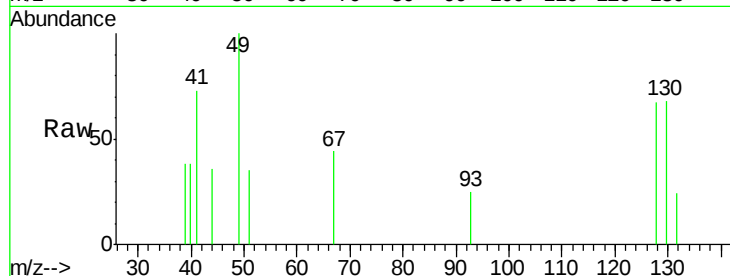
Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tot Ion: 41 Resp: 661

Ion Ratio Lower Upper

41	100		
39	49.5	45.4	68.0
67	68.7	55.5	83.3
52	7.7	25.2	37.8



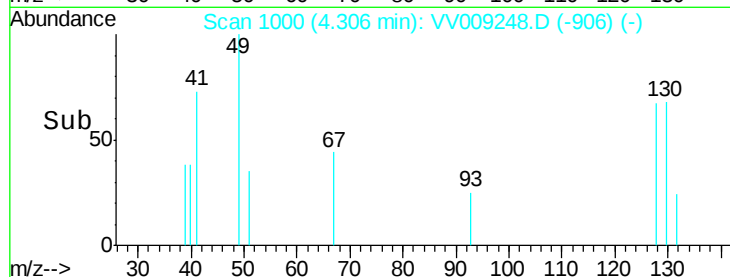
Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-983) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-983) (-)

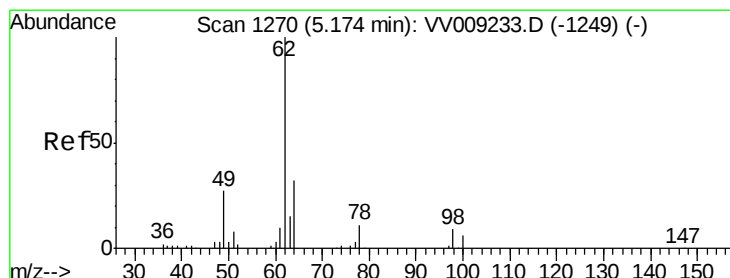
Ion 67.00 (66.70 to 67.70): VV009233.D (-983) (-)

Ion 52.00 (51.70 to 52.70): VV009233.D (-983) (-)

Time-->



Time-->



#42

1,2-Dichloroethane

Concen: 2.317 ug/l

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

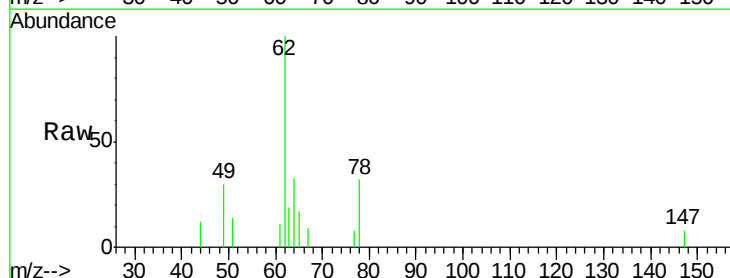
Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tgt Ion: 62 Resp: 2936

Ion Ratio Lower Upper

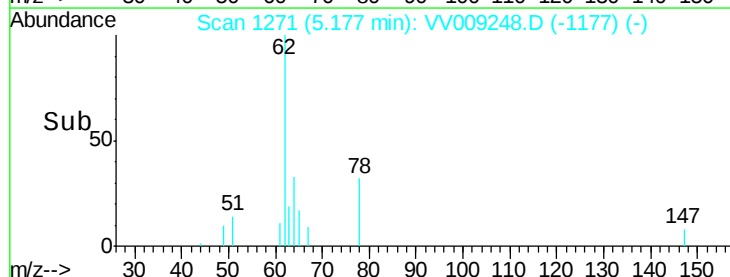
62	100		
98	3.2	0.0	16.4



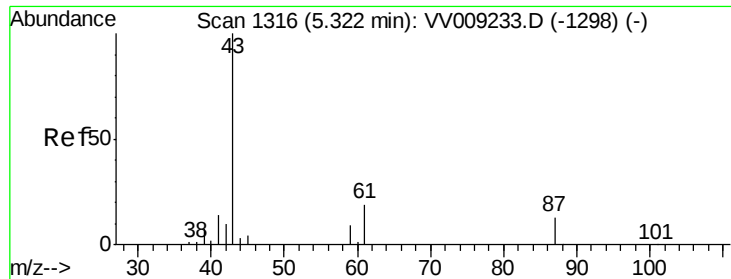
Abundance Ion 61.90 (61.60 to 62.60): VV009233.D (-1249) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-1249) (-)

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 2.378 ug/l

RT: 5.33 min Scan# 1318

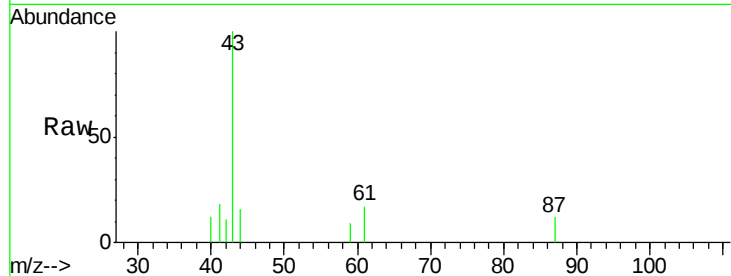
Delta R.T. 0.01 min

Lab File: VV009248.D

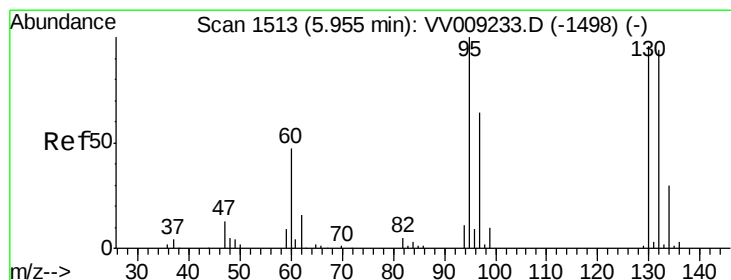
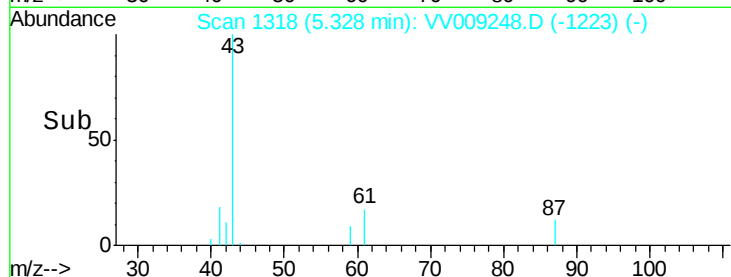
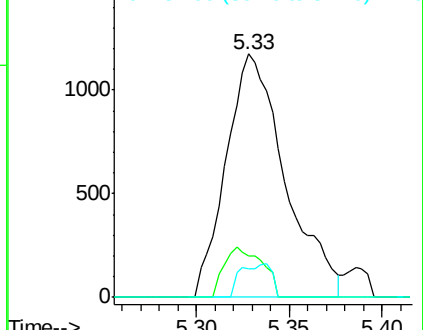
Acq: 23 Jan 2019 15:07

Tot Ion: 43 Resp: 2602

Ion	Ratio	Lower	Upper
43	100		
61	13.3	15.4	23.0#
87	7.3	9.9	14.9#



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



#44

Trichloroethene

Concen: 1.994 ug/l

RT: 5.96 min Scan# 1513

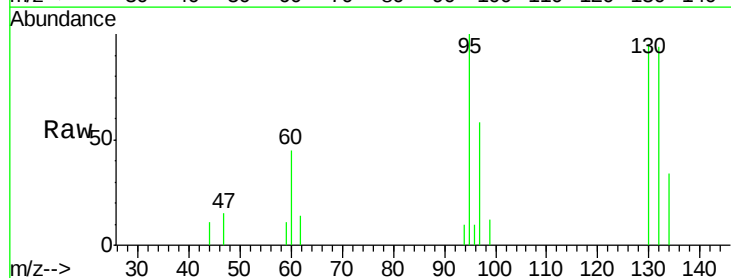
Delta R.T. 0.00 min

Lab File: VV009248.D

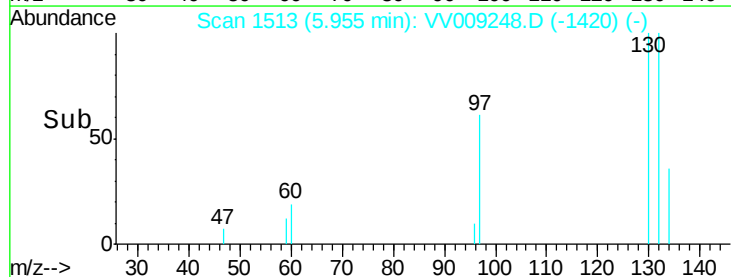
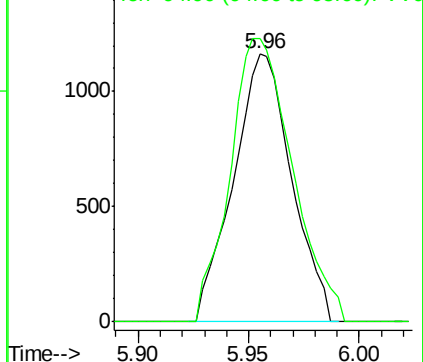
Acq: 23 Jan 2019 15:07

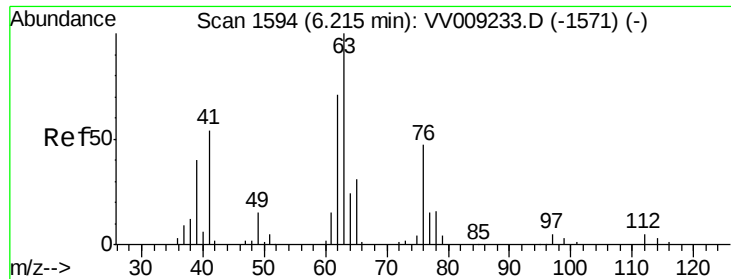
Tgt Ion: 130 Resp: 2125

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	208.2



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





#45

1,2-Dichloropropane

Concen: 2.139 ug/l

RT: 6.22 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VV009248.D

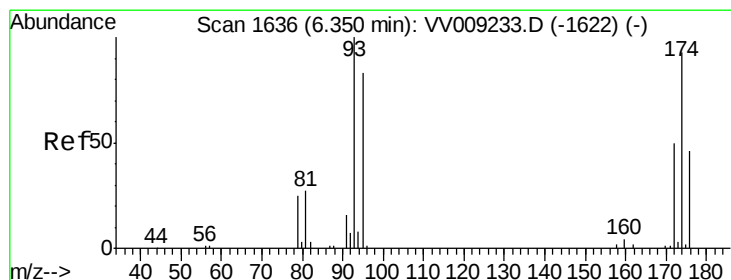
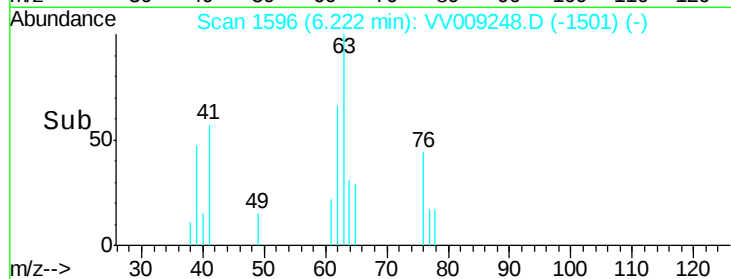
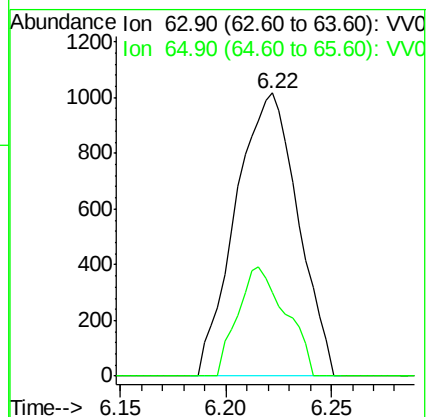
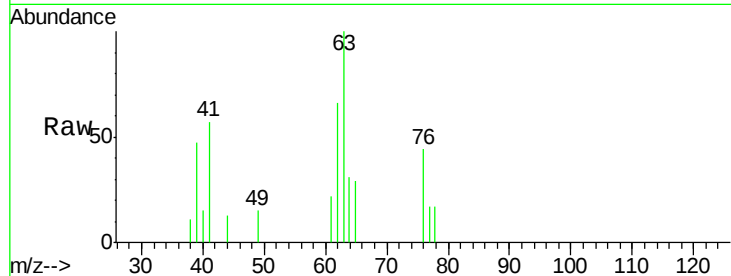
Acq: 23 Jan 2019 15:07

Tot Ion: 63 Resp: 2083

Ion Ratio Lower Upper

63 100

65 29.4 25.1 37.7



#46

Dibromomethane

Concen: 2.359 ug/l

RT: 6.35 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

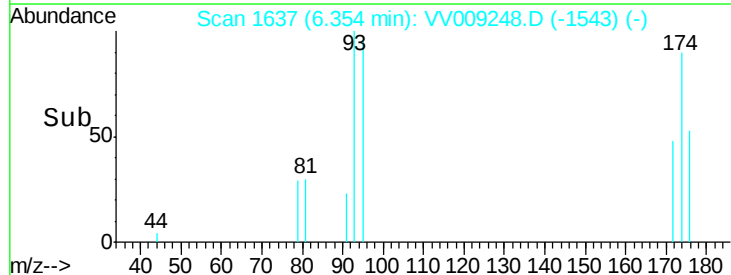
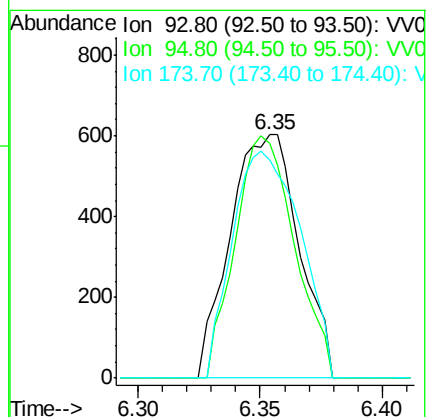
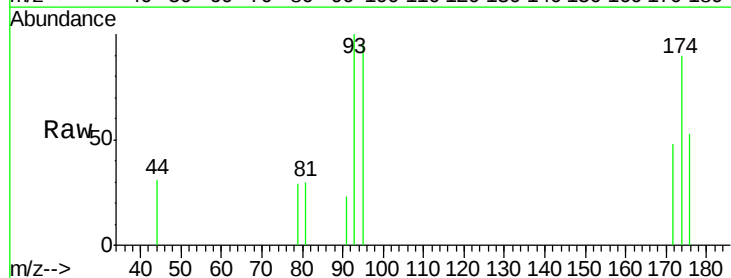
Tgt Ion: 93 Resp: 1179

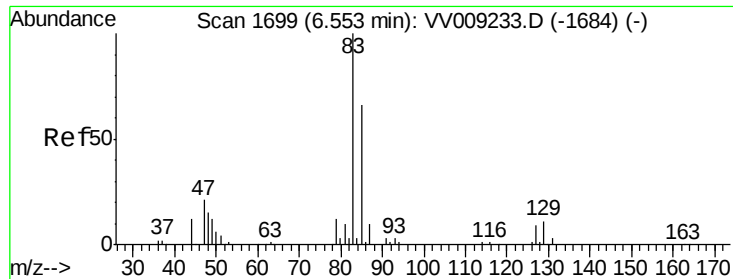
Ion Ratio Lower Upper

93 100

95 85.7 64.6 97.0

174 92.8 74.0 111.0





#47

Bromodichloromethane

Concen: 2.073 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

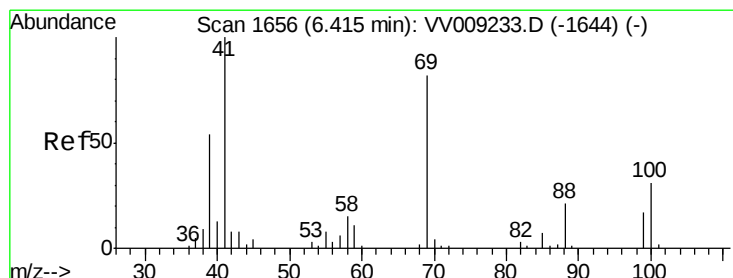
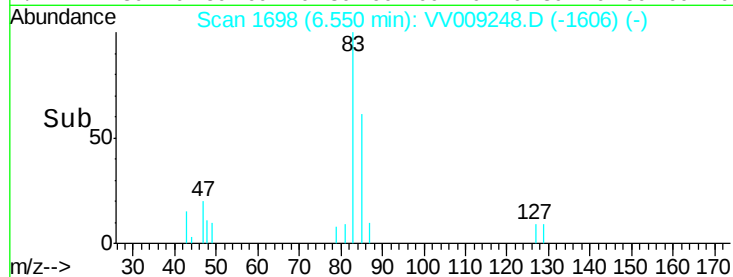
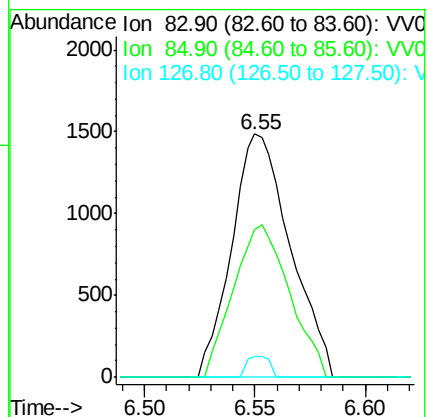
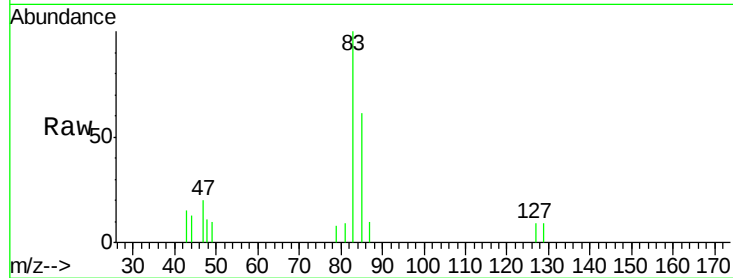
Tot Ion: 83 Resp: 2738

Ion Ratio Lower Upper

83 100

85 60.7 52.6 78.8

127 8.6 7.0 10.6



#48

Methyl methacrylate

Concen: 2.172 ug/l

RT: 6.42 min Scan# 1658

Delta R.T. 0.01 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

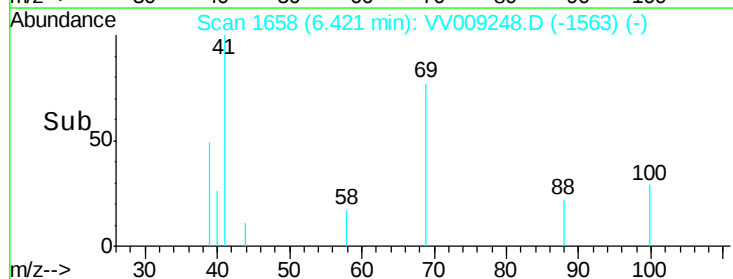
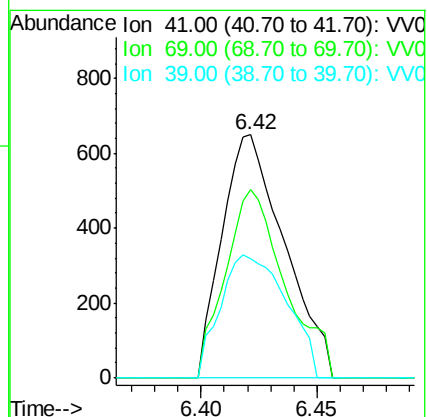
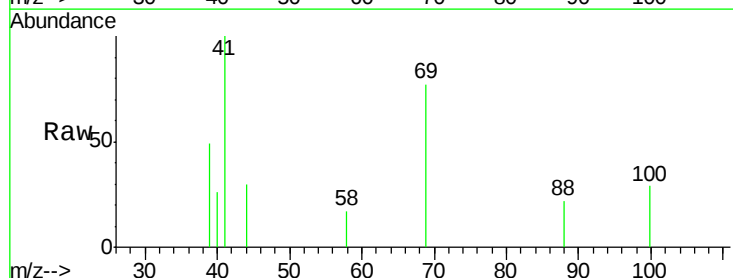
Tgt Ion: 41 Resp: 1213

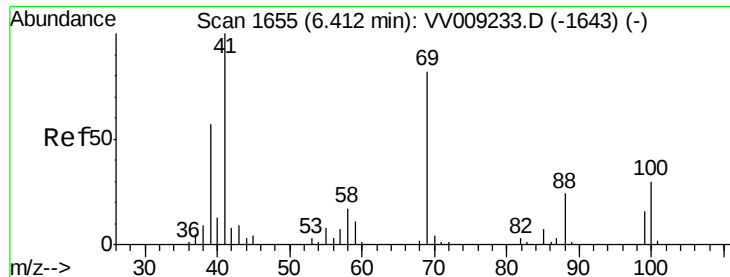
Ion Ratio Lower Upper

41 100

69 73.9 65.8 98.6

39 53.7 43.4 65.0





#49

1,4-Dioxane

Concen: 42.099 ug/l m

RT: 6.41 min Scan# 1656

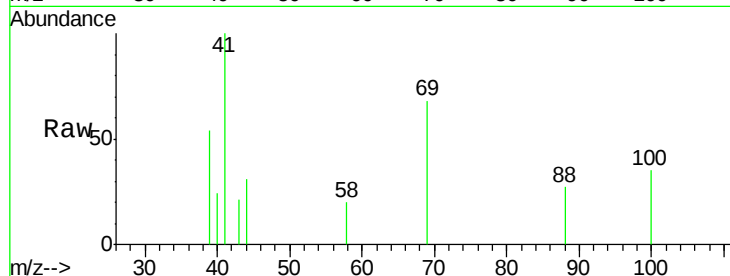
Delta R.T. 0.00 min

Lab File: VV009248.D

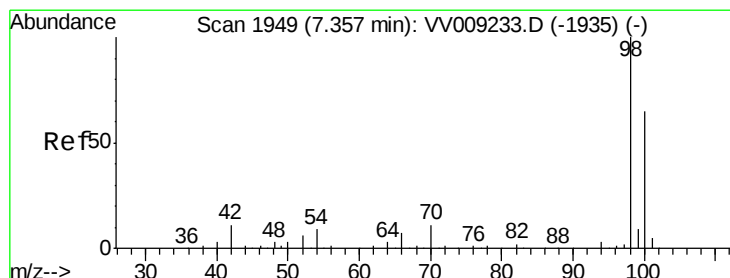
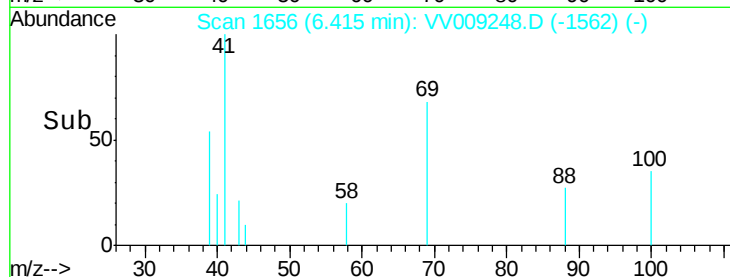
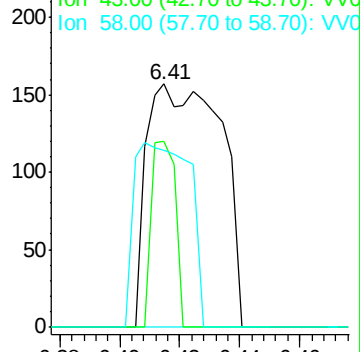
Acq: 23 Jan 2019 15:07

Tot Ion: 88 Resp: 268

Ion	Ratio	Lower	Upper
88	100		
43	24.6	31.9	47.9#
58	56.3	62.0	93.0#



Abundance Ion 88.00 (87.70 to 88.70): VV009248.D (-1562) (-)



#50

Toluene-d8

Concen: 47.984 ug/l

RT: 7.36 min Scan# 1949

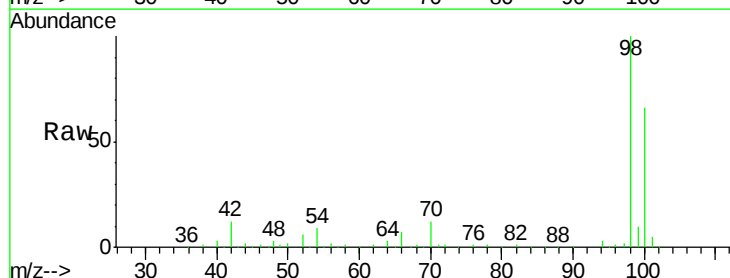
Delta R.T. 0.00 min

Lab File: VV009248.D

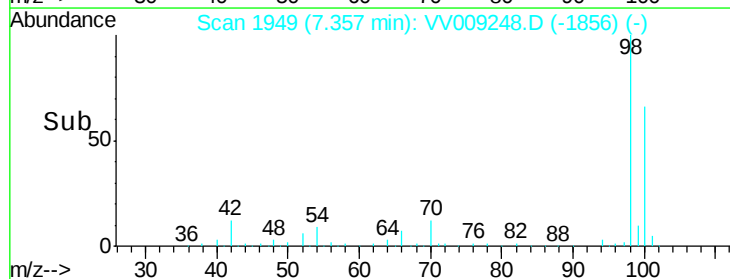
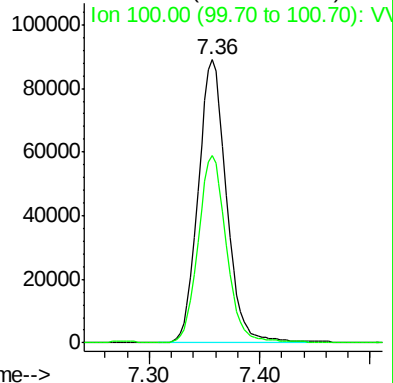
Acq: 23 Jan 2019 15:07

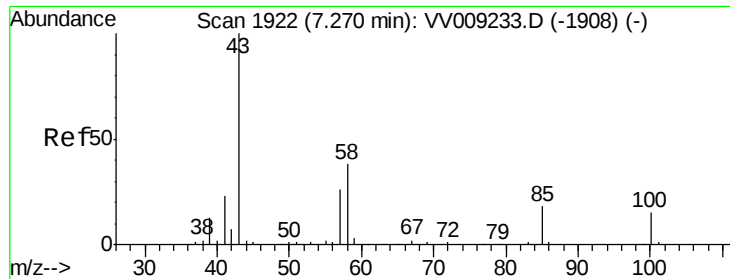
Tgt Ion: 98 Resp: 158453

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VV009248.D (-1856) (-)





#51

4-Methyl-2-Pentanone

Concen: 12.391 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009248.D

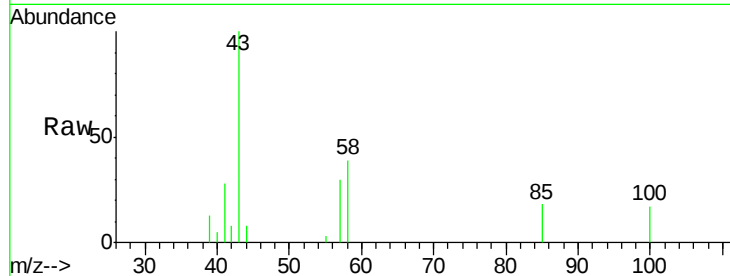
Acq: 23 Jan 2019 15:07

Tot Ion: 43 Resp: 6882

Ion Ratio Lower Upper

43 100

58 35.9 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

3000

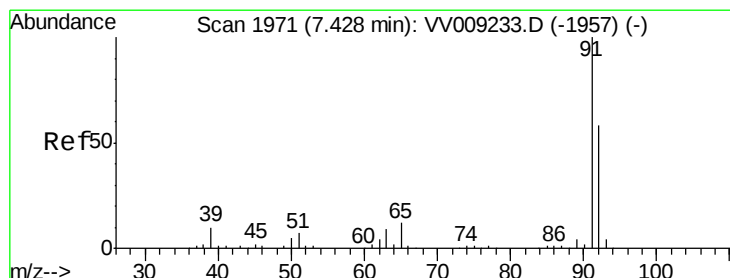
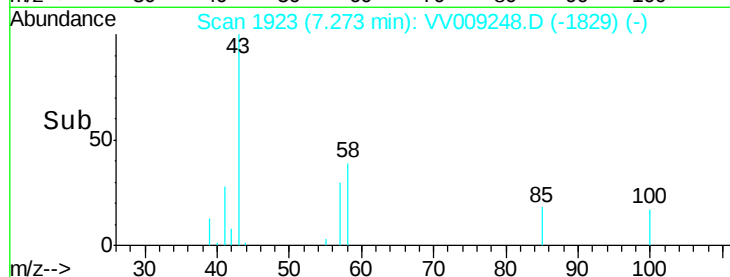
2000

1000

0

Time-->

7.20 7.25 7.30 7.35



#52

Toluene

Concen: 2.197 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009248.D

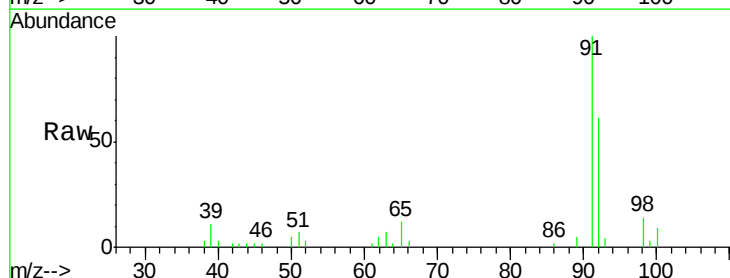
Acq: 23 Jan 2019 15:07

Tgt Ion: 92 Resp: 5627

Ion Ratio Lower Upper

92 100

91 171.2 137.2 205.8



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

6000

5000

4000

3000

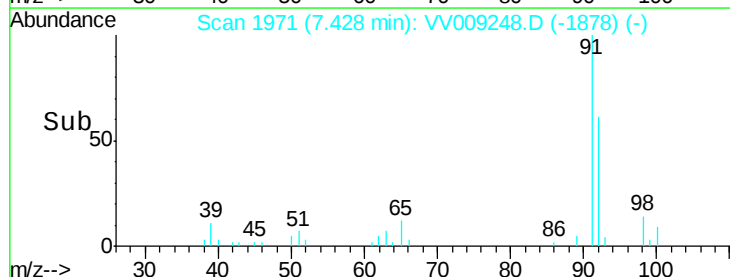
2000

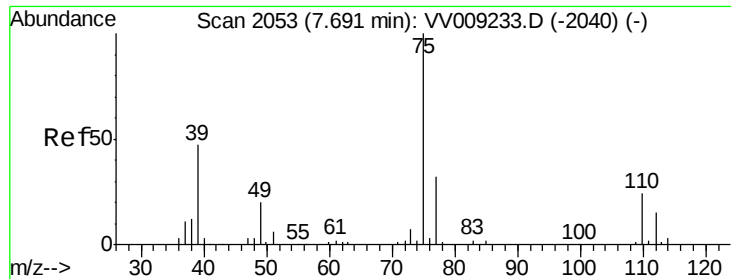
1000

0

Time-->

7.40 7.45 7.50





#53

t-1,3-Dichloropropene

Concen: 2.014 ug/l

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV009248.D

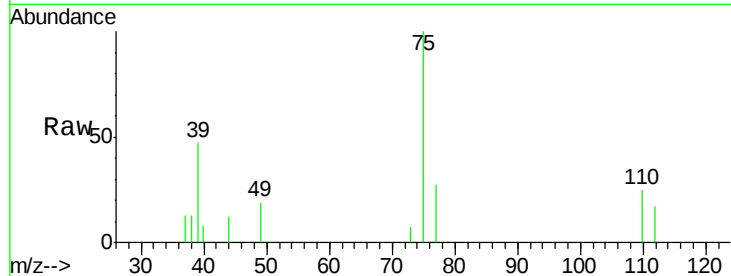
Acq: 23 Jan 2019 15:07

Tot Ion: 75 Resp: 2589

Ion Ratio Lower Upper

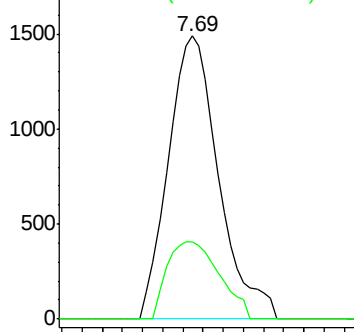
75 100

77 27.5 25.8 38.8

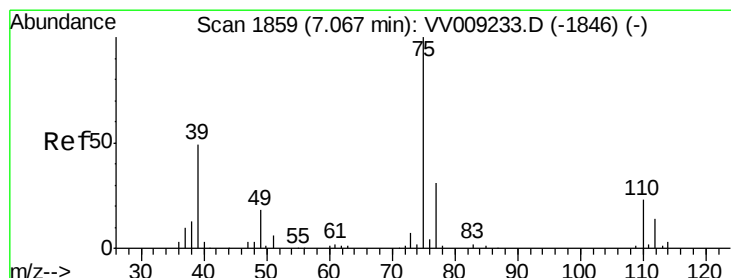
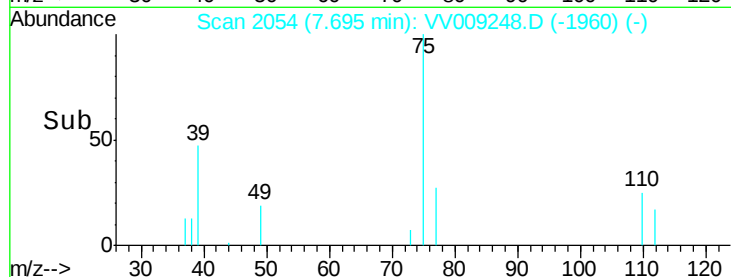


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.982 ug/l

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

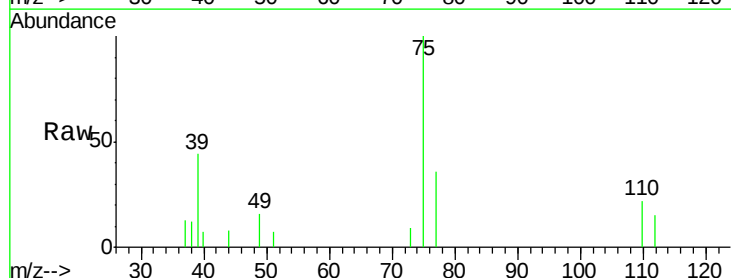
Tgt Ion: 75 Resp: 2934

Ion Ratio Lower Upper

75 100

77 36.2 25.1 37.7

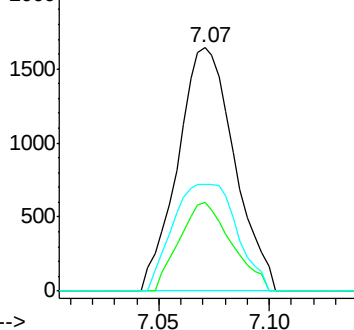
39 44.1 38.8 58.2



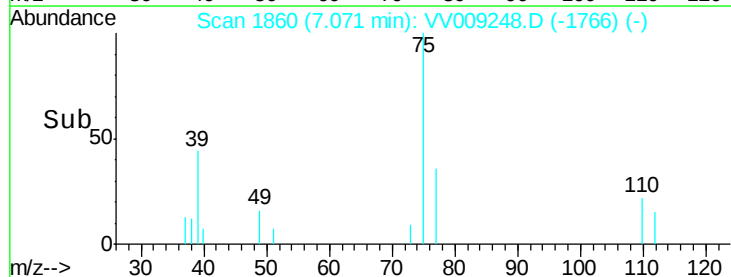
Abundance Ion 74.90 (74.60 to 75.60): VV0

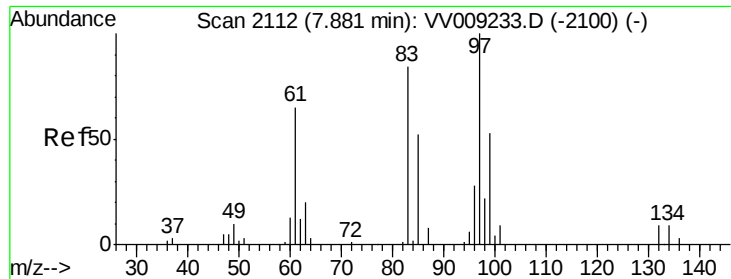
Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0



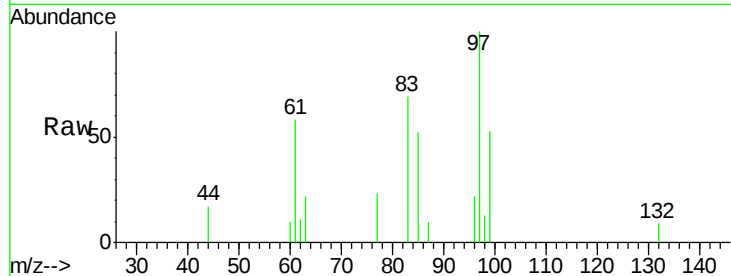
Time-->



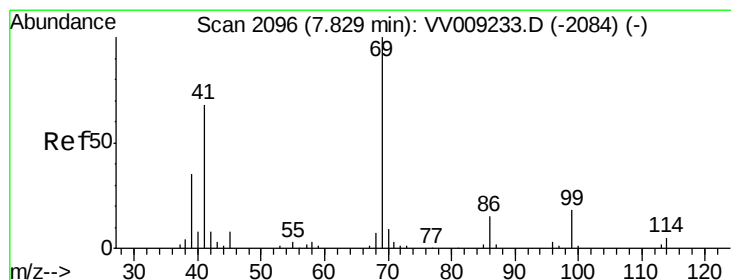
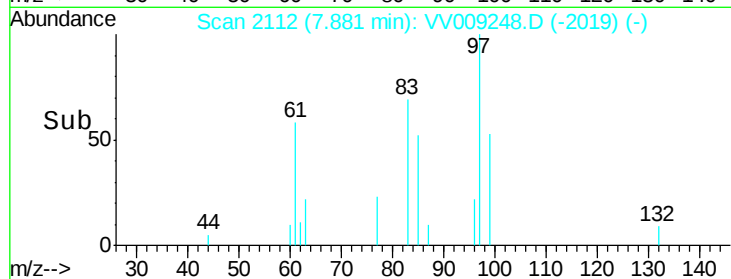
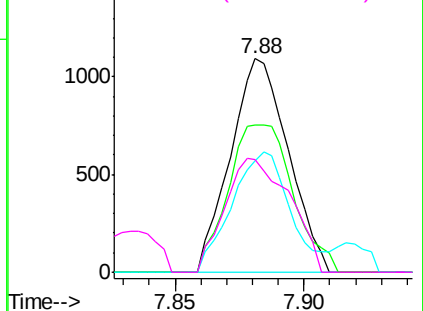


#55
1,1,2-Trichloroethane
Concen: 2.424 ug/l
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion:	97	Resp:	1707
Ion	Ratio	Lower	Upper
97	100		
83	68.7	67.4	101.0
85	52.2	42.6	64.0
99	52.5	51.1	76.7

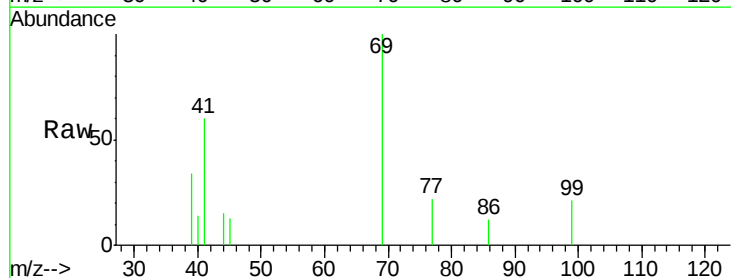


Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 82.90 (82.60 to 83.60): VV0
Ion 84.90 (84.60 to 85.60): VV0
Ion 98.90 (98.60 to 99.60): VV0

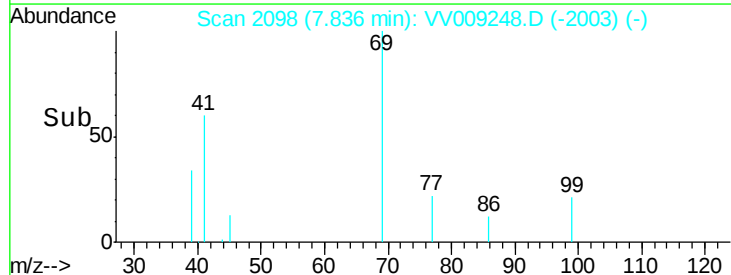
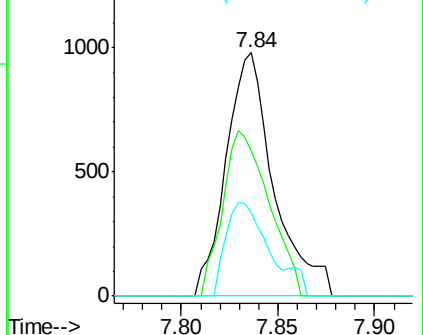


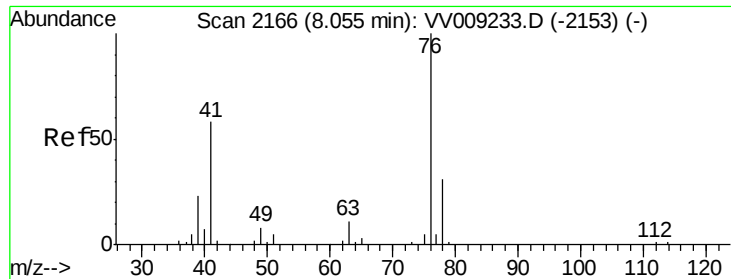
#56
Ethyl methacrylate
Concen: 2.050 ug/l
RT: 7.84 min Scan# 2098
Delta R.T. 0.01 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion:	69	Resp:	1682
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.0	81.0
39	35.3	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: 2.235 ug/l

RT: 8.06 min Scan# 2167

Delta R.T. 0.00 min

Lab File: VV009248.D

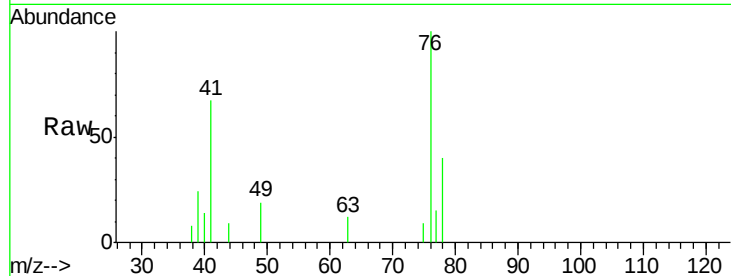
Acq: 23 Jan 2019 15:07

Tot Ion: 76 Resp: 2849

Ion Ratio Lower Upper

76 100

78 33.5 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) (-)

8.06

1500

1000

500

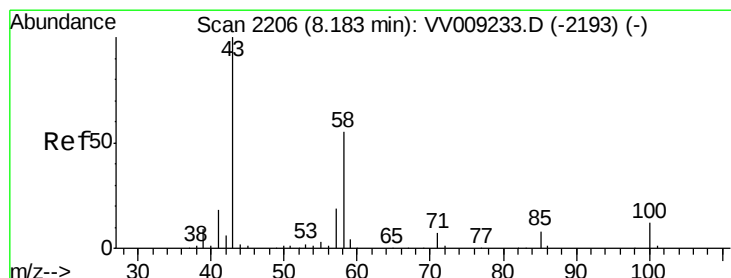
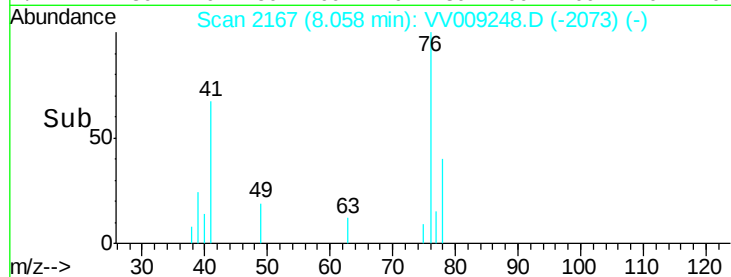
0

Time-->

8.00

8.05

8.10



#59

2-Hexanone

Concen: 11.690 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009248.D

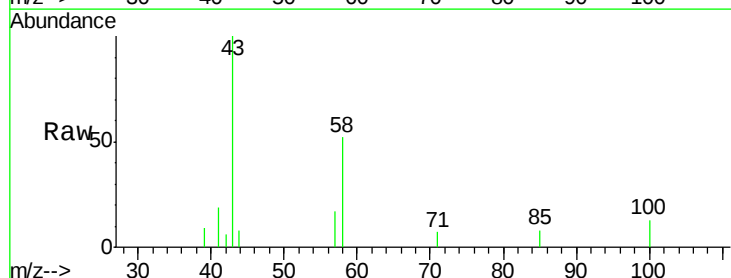
Acq: 23 Jan 2019 15:07

Tgt Ion: 43 Resp: 4696

Ion Ratio Lower Upper

43 100

58 48.1 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-2193) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-2193) (-)

8.19

2500

2000

1500

1000

500

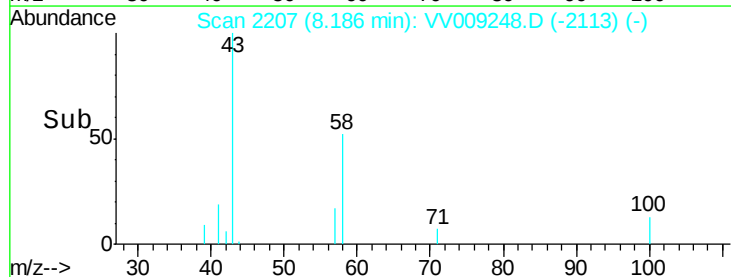
0

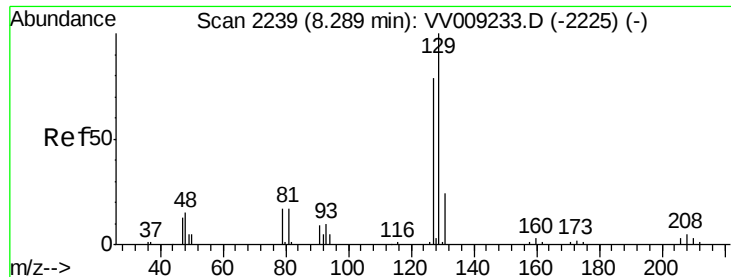
Time-->

8.15

8.20

8.25





#60

Dibromochloromethane

Concen: 2.049 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009248.D

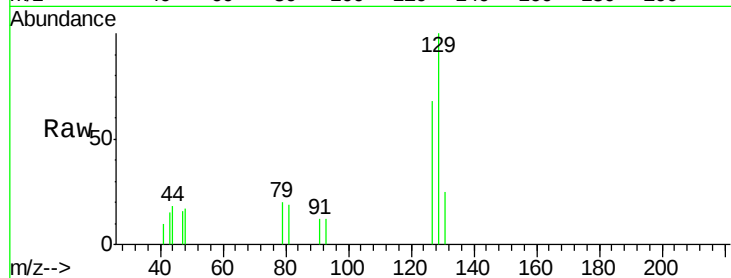
Acq: 23 Jan 2019 15:07

Tot Ion:129 Resp: 1689

Ion Ratio Lower Upper

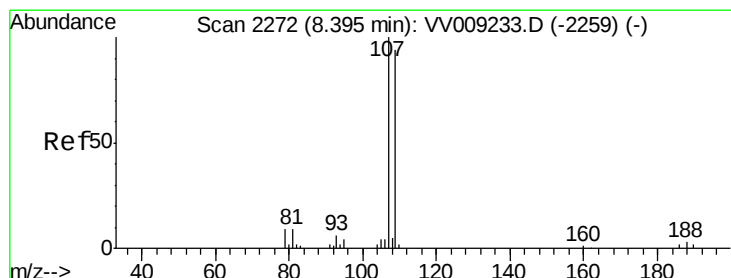
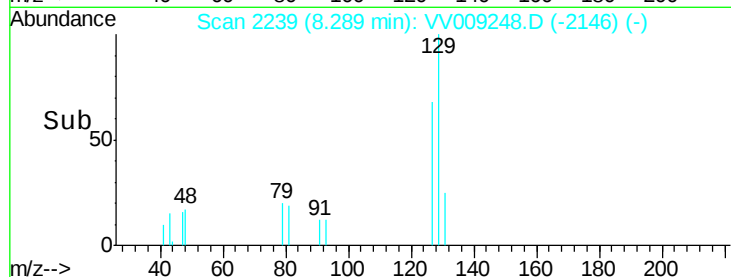
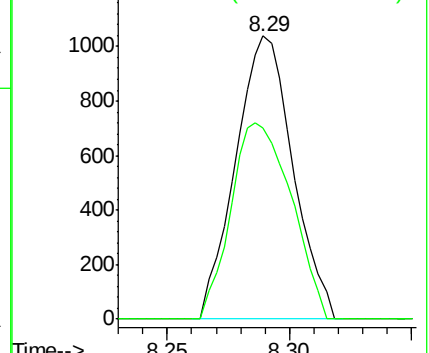
129 100

127 73.2 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.184 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009248.D

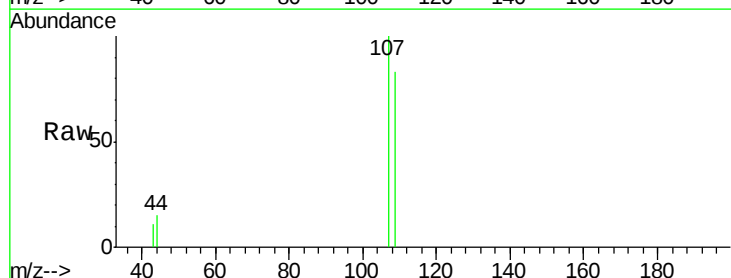
Acq: 23 Jan 2019 15:07

Tgt Ion:107 Resp: 1504

Ion Ratio Lower Upper

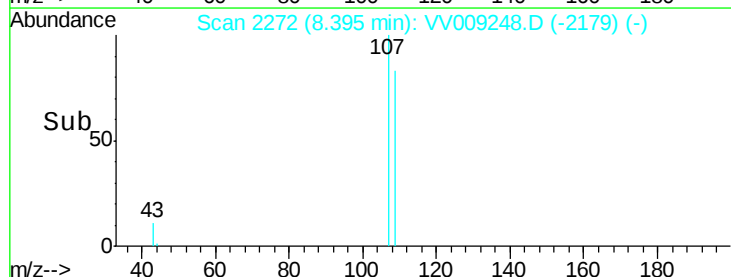
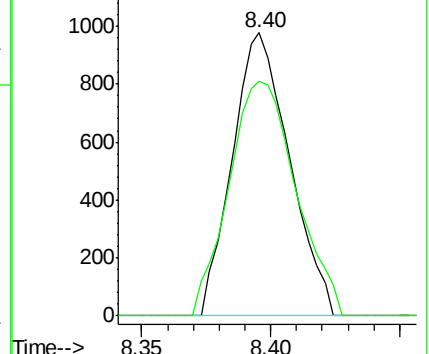
107 100

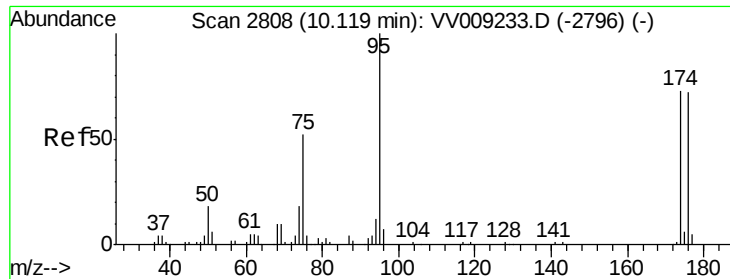
109 97.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

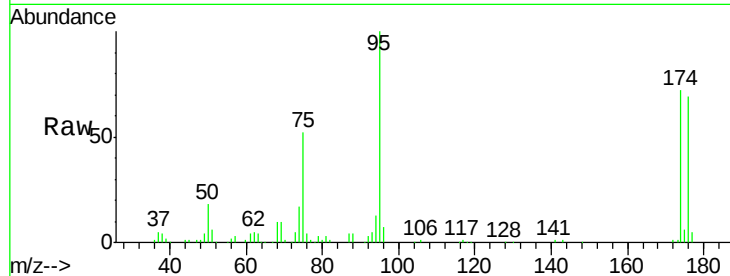
Ion 108.80 (108.50 to 109.50): V



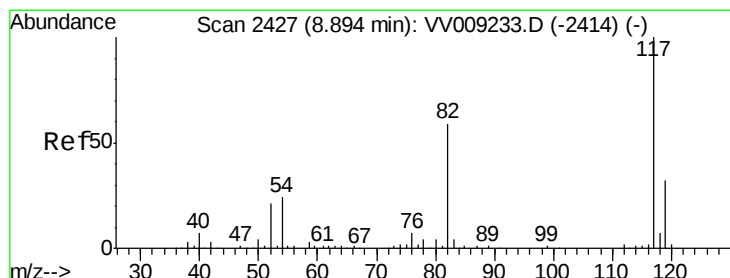
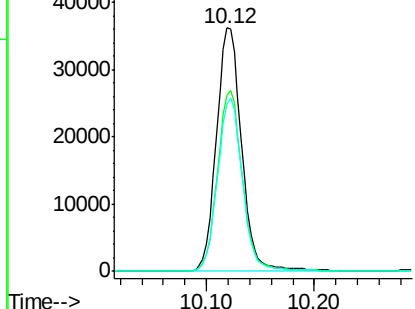
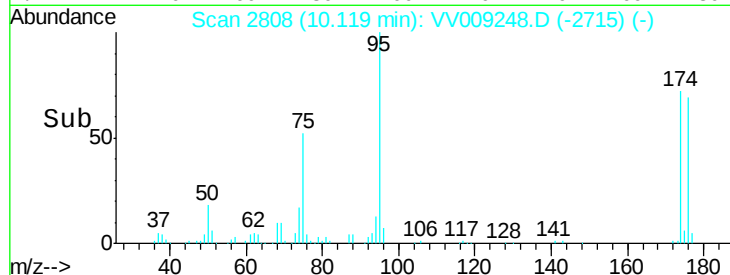


#62
4-Bromofluorobenzene
Concen: 47.278 ug/l
RT: 10.12 min Scan# 2808
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion: 95 Resp: 58830
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 69.8 0.0 143.0

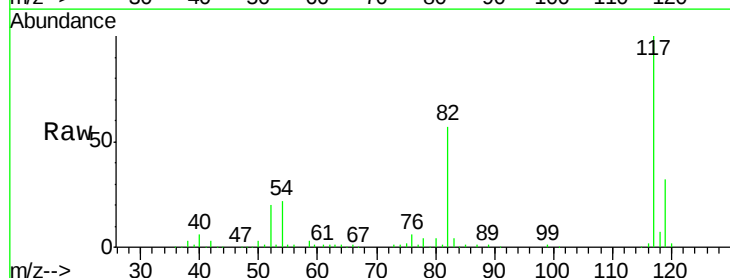


Abundance Ion 94.90 (94.60 to 95.60): VV009248.D (-2715) (-)
Ion 173.80 (173.50 to 174.50): VV009248.D (-2715) (-)
Ion 175.80 (175.50 to 176.50): VV009248.D (-2715) (-)

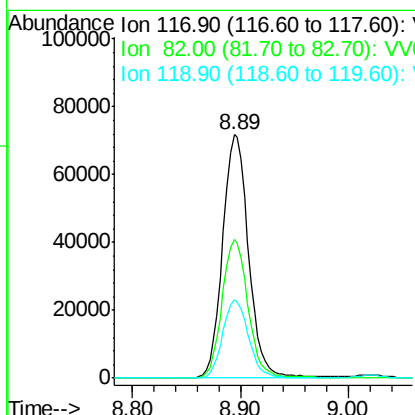
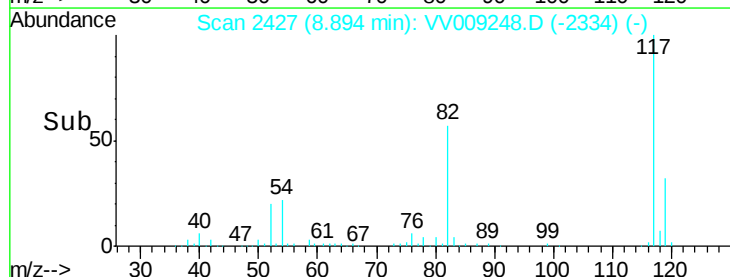


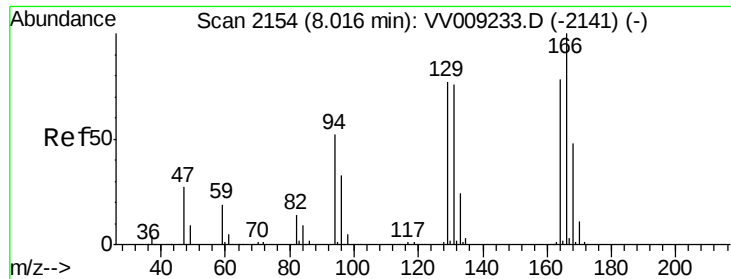
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 117 Resp: 120796
Ion Ratio Lower Upper
117 100
82 56.9 47.0 70.6
119 32.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VV009248.D (-2334) (-)
Ion 82.00 (81.70 to 82.70): VV009248.D (-2334) (-)
Ion 118.90 (118.60 to 119.60): VV009248.D (-2334) (-)





#64

Tetrachloroethene

Concen: 2.324 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tot Ion:164 Resp: 1998

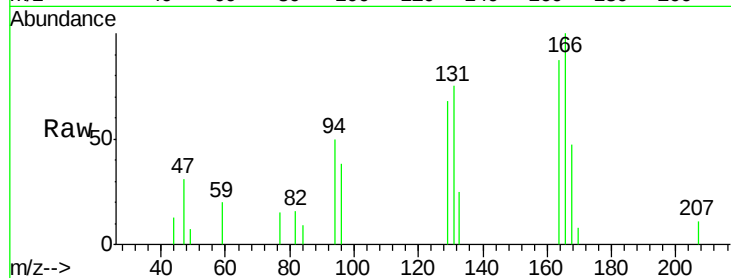
Ion Ratio Lower Upper

164 100

166 115.6 102.1 153.1

129 78.3 78.1 117.1

131 86.8 78.0 117.0

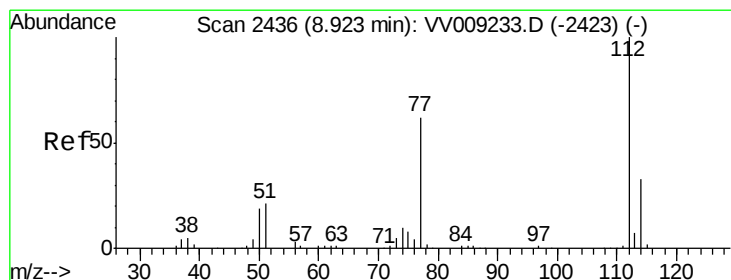
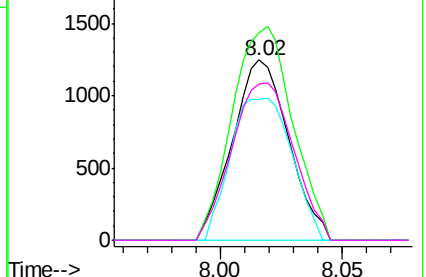
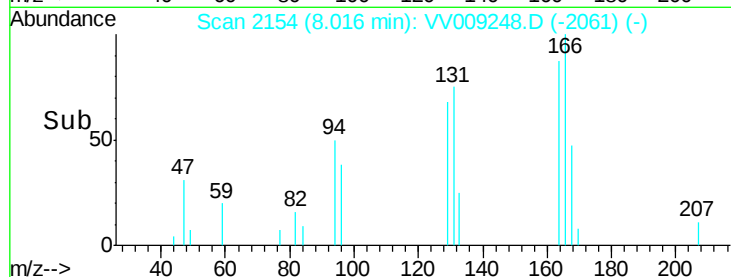


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.164 ug/l

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009248.D

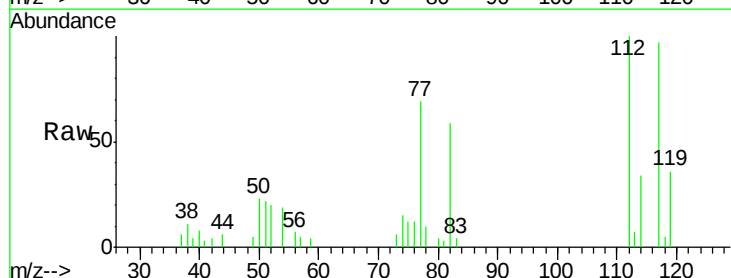
Acq: 23 Jan 2019 15:07

Tgt Ion:112 Resp: 6082

Ion Ratio Lower Upper

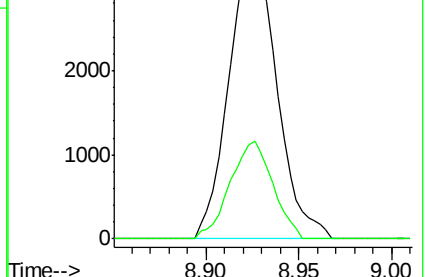
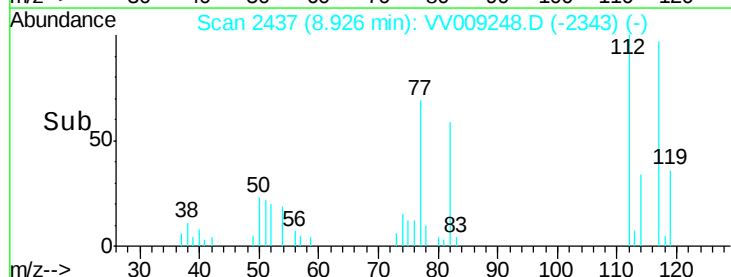
112 100

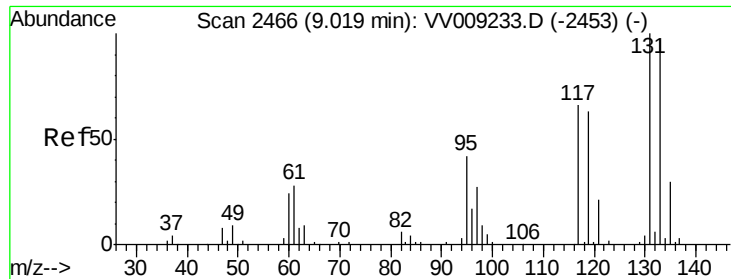
114 34.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

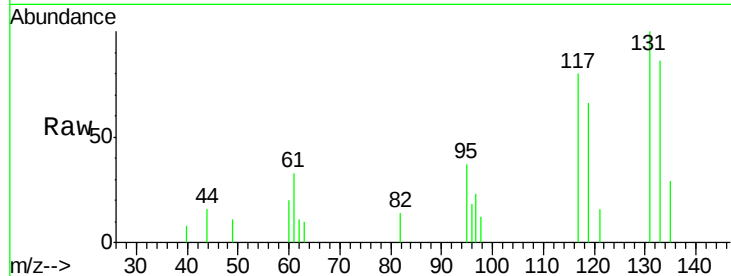
Ion 113.90 (113.60 to 114.60): V



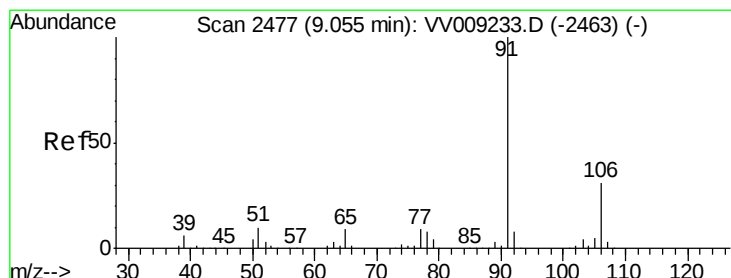
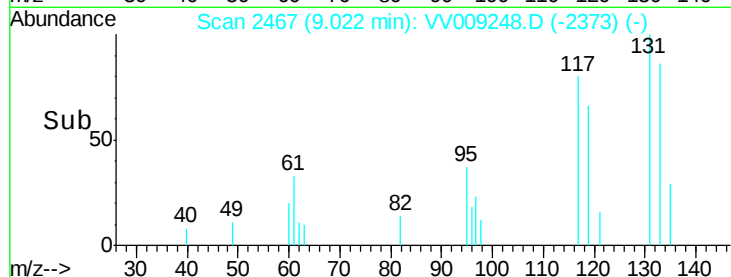
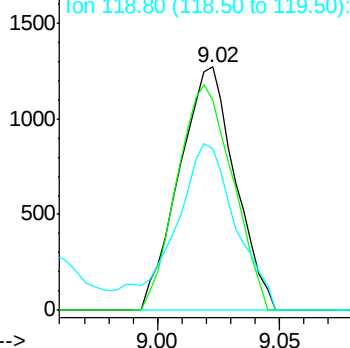


#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.099 ug/l
 RT: 9.02 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tot Ion:131 Resp: 2016
 Ion Ratio Lower Upper
 131 100
 133 92.3 48.3 144.9
 119 76.0 31.2 93.6

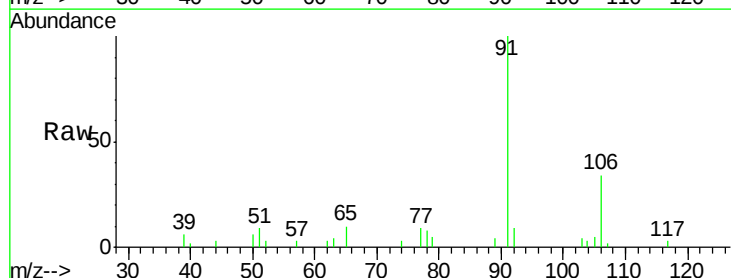


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

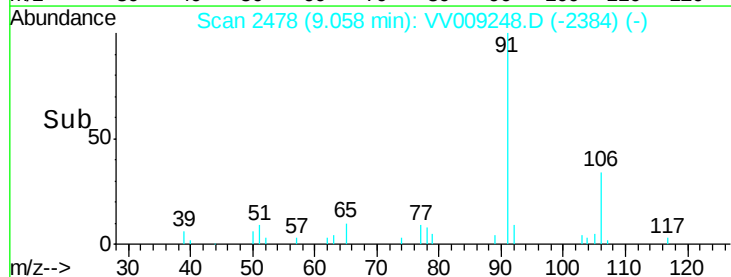
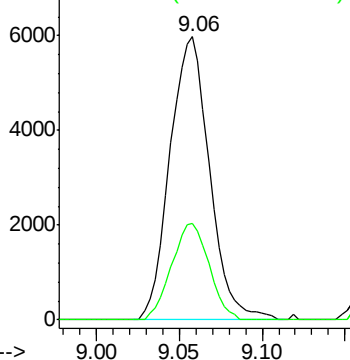


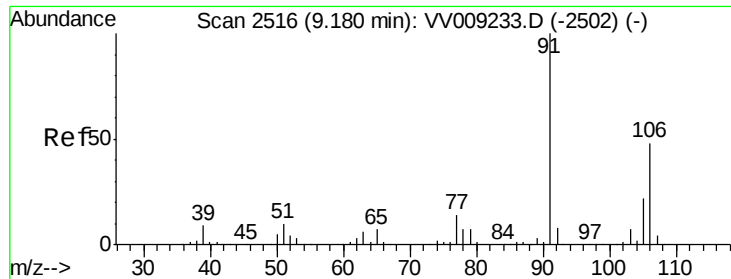
#67
 Ethyl Benzene
 Concen: 1.986 ug/l
 RT: 9.06 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tgt Ion: 91 Resp: 9945
 Ion Ratio Lower Upper
 91 100
 106 34.2 24.6 37.0



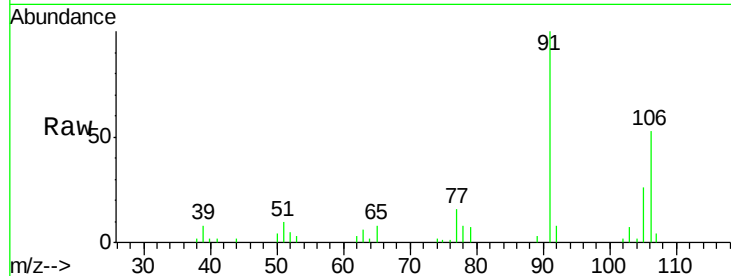
Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 106.00 (105.70 to 106.70): V



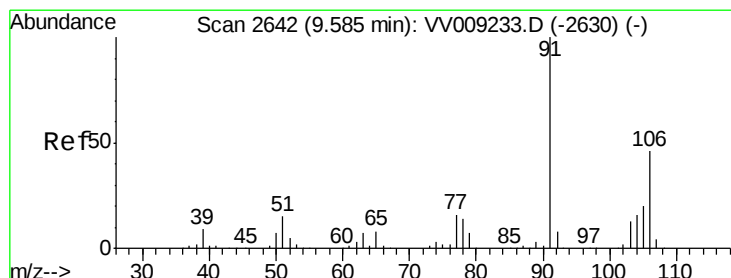
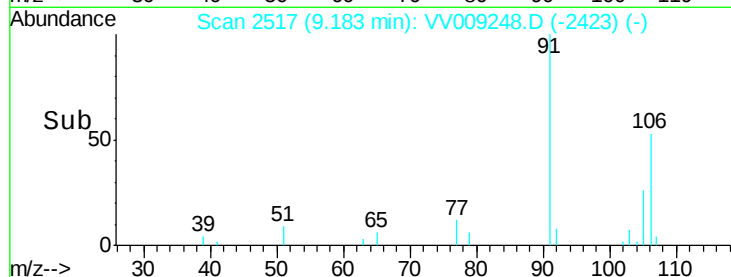
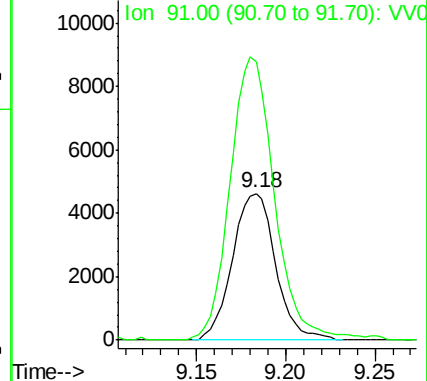


#68
m/p-Xylenes
Concen: 4.097 ug/l
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion:106 Resp: 7787
Ion Ratio Lower Upper
106 100
91 198.7 167.1 250.7

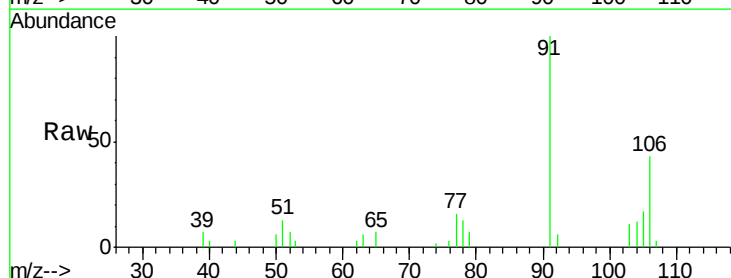


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

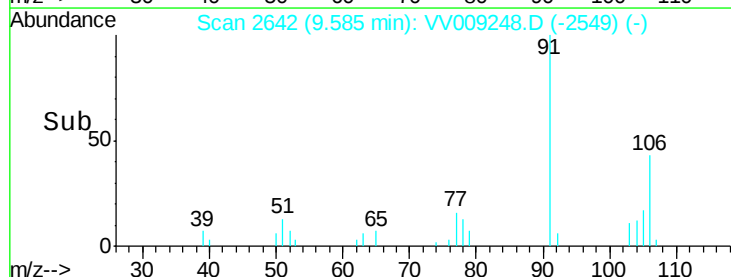
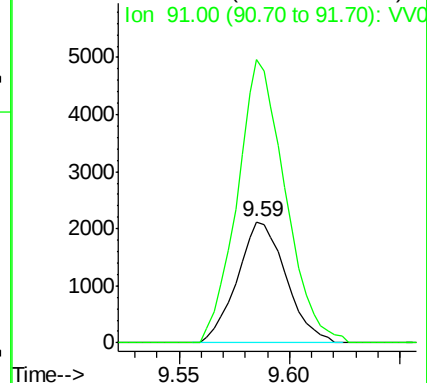


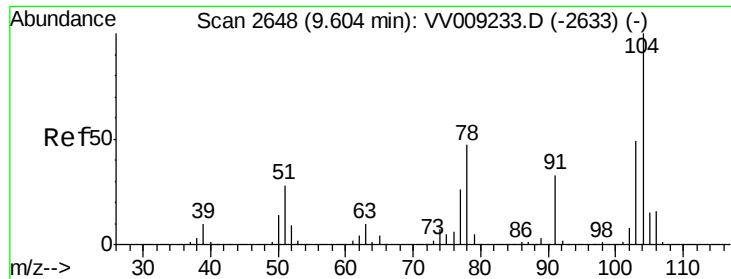
#69
o-Xylene
Concen: 1.855 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion:106 Resp: 3269
Ion Ratio Lower Upper
106 100
91 229.7 109.3 327.8



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





#70

Stvrene

Concen: 1.874 ug/l

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

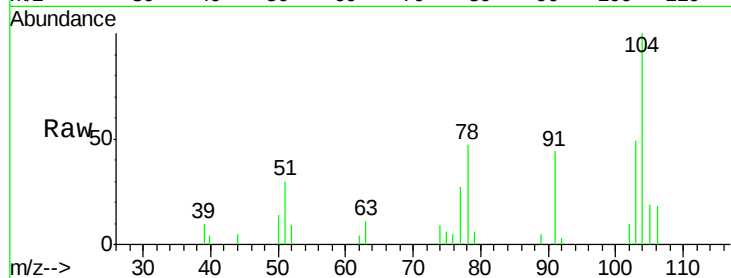
Tot Ion:104 Resp: 5271

Ion Ratio Lower Upper

104 100

78 50.6 43.1 64.7

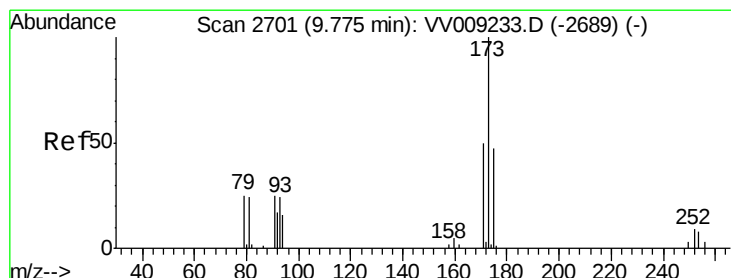
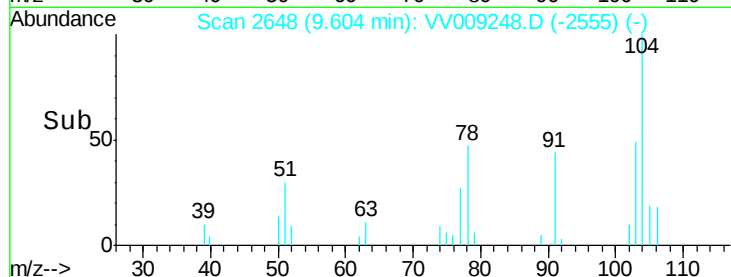
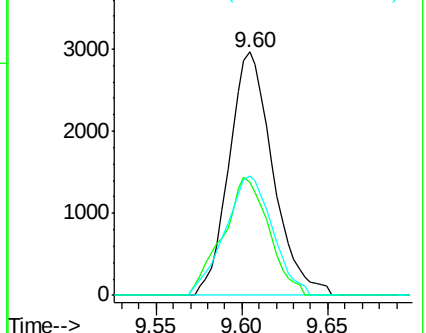
103 53.3 43.8 65.8



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: 1.861 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

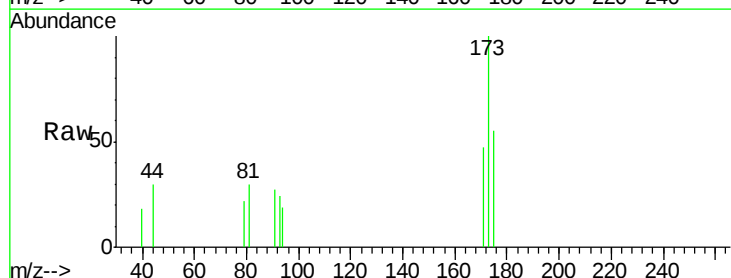
Tgt Ion:173 Resp: 843

Ion Ratio Lower Upper

173 100

175 52.2 23.4 70.0

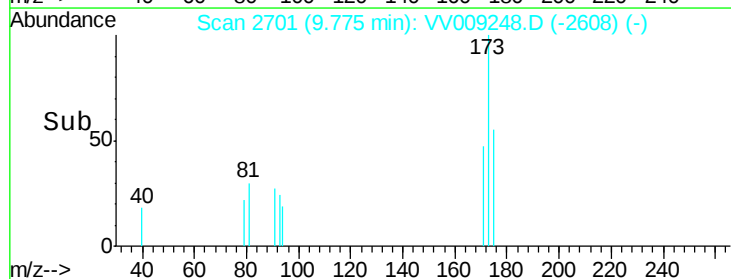
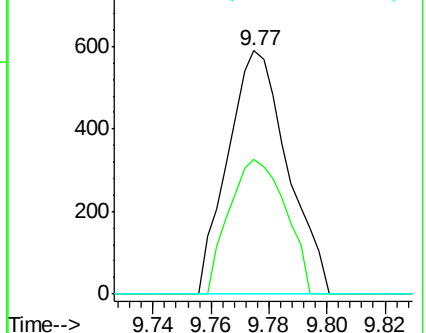
254 0.0 0.0 0.0

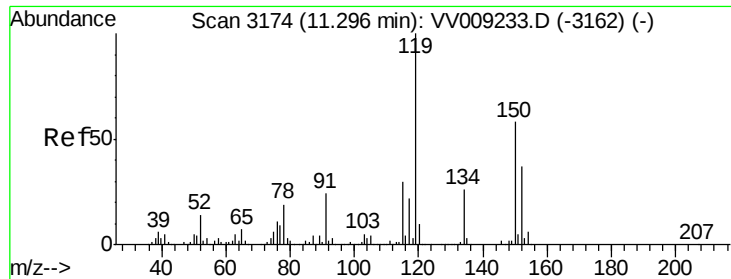


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

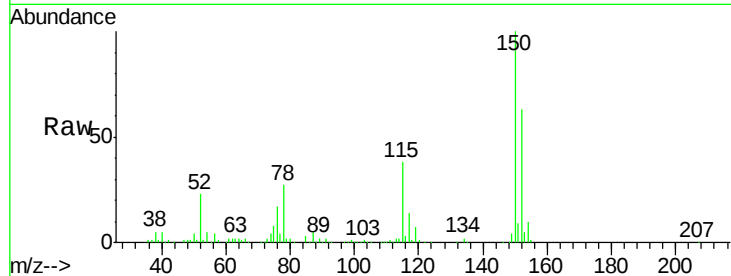




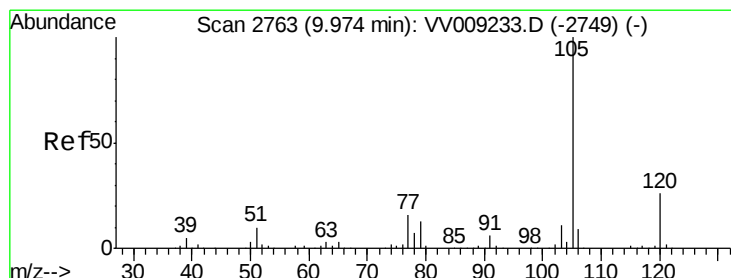
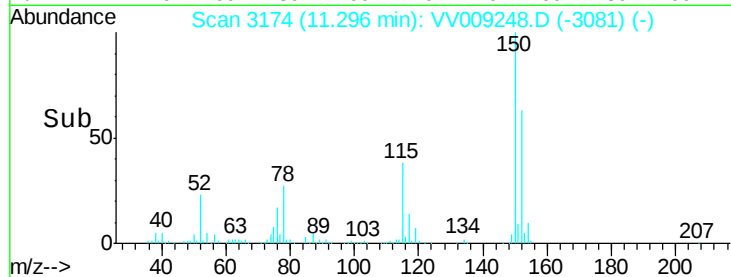
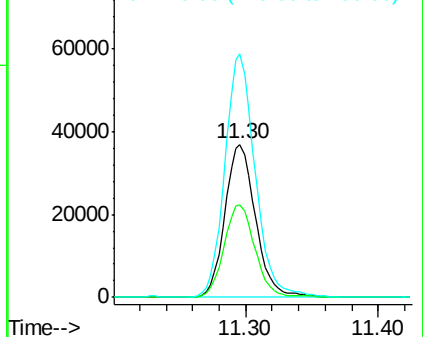
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion:152 Resp: 59226
Ion Ratio Lower Upper
152 100
115 61.4 45.0 134.8
150 157.8 0.0 346.4



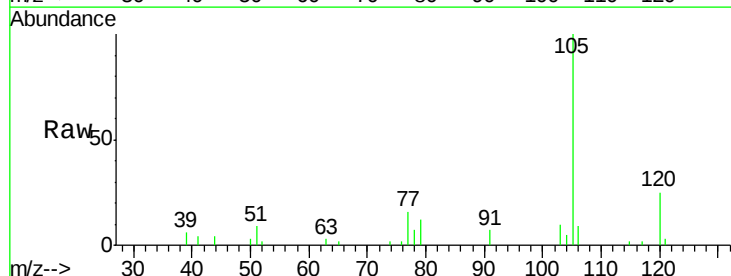
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



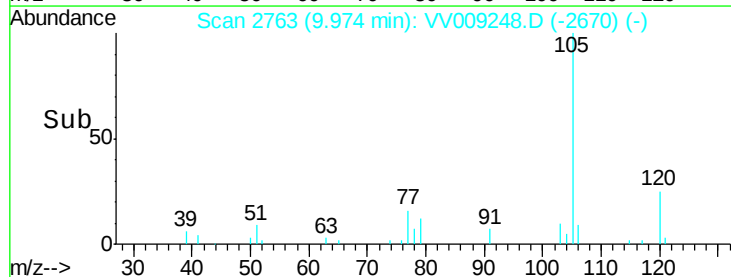
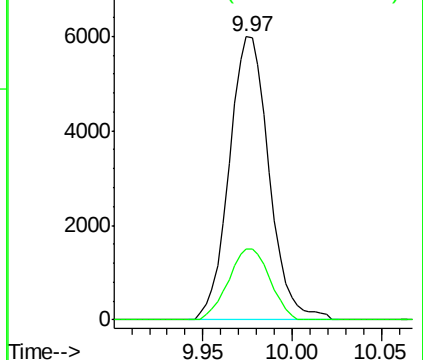
#73

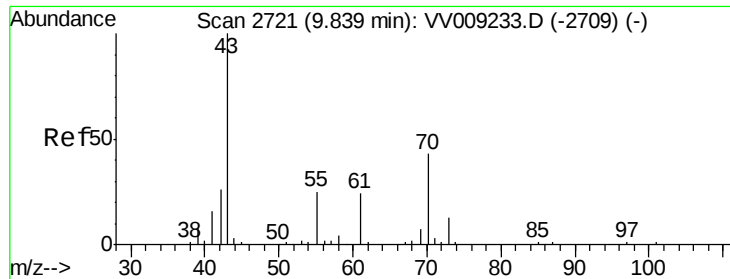
Isopropylbenzene
Concen: 1.905 ug/l
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion:105 Resp: 9317
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



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





#74

N-amvl acetate

Concen: 2.072 ug/l

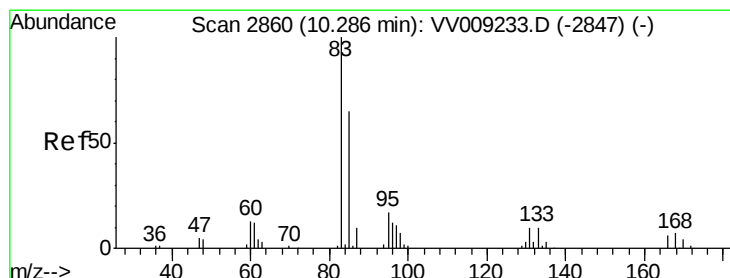
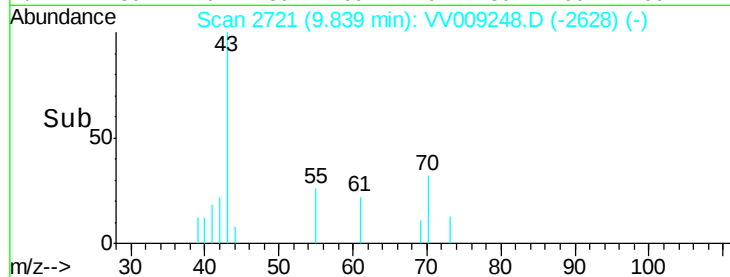
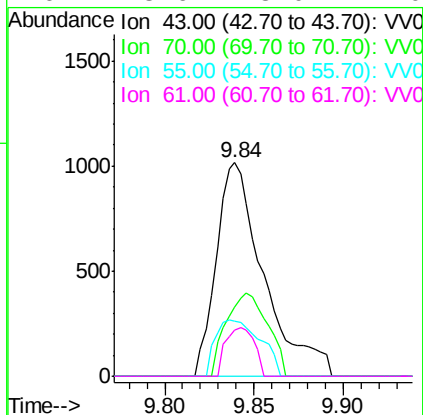
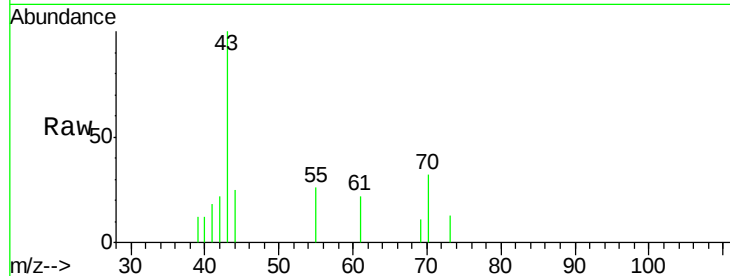
RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tot Ion:	43	Resp:	1874
Ion	Ratio	Lower	Upper
43	100		
70	34.3	33.0	49.6
55	25.0	18.7	28.1
61	13.6	18.0	27.0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.468 ug/l

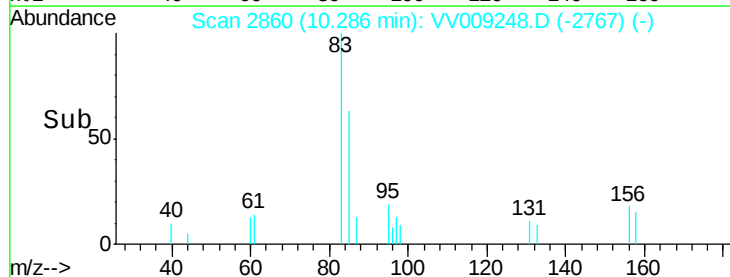
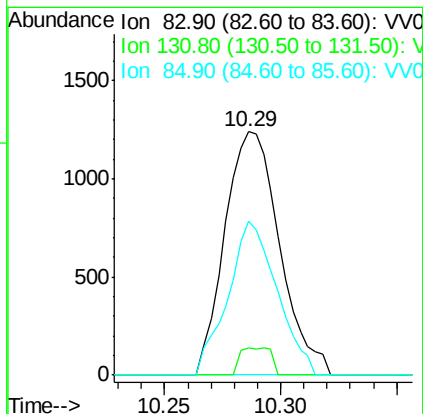
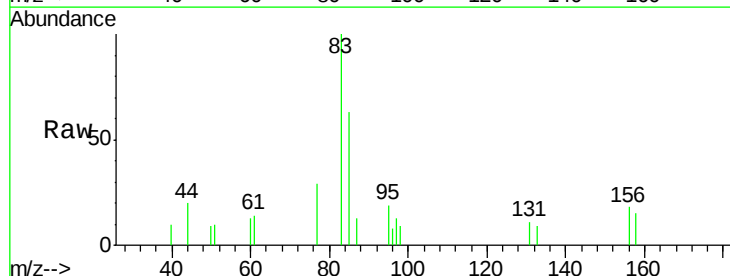
RT: 10.29 min Scan# 2860

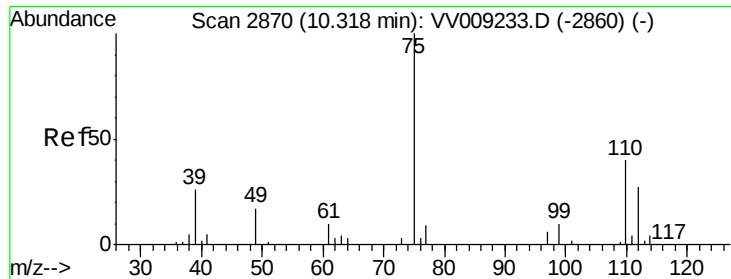
Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

Tgt Ion:	83	Resp:	2035
Ion	Ratio	Lower	Upper
83	100		
131	6.3	5.1	15.3
85	56.5	32.6	98.0

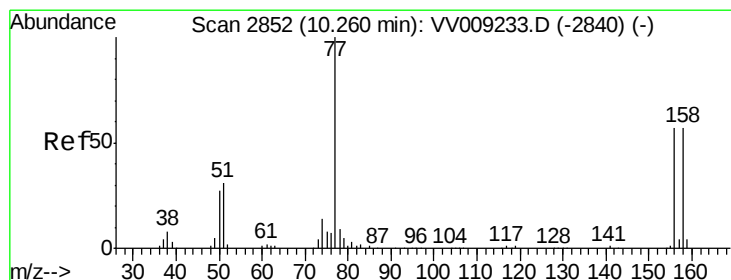
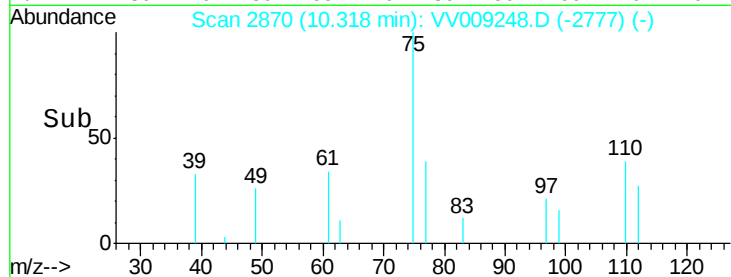
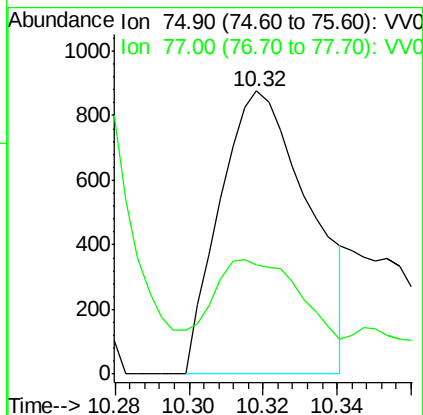
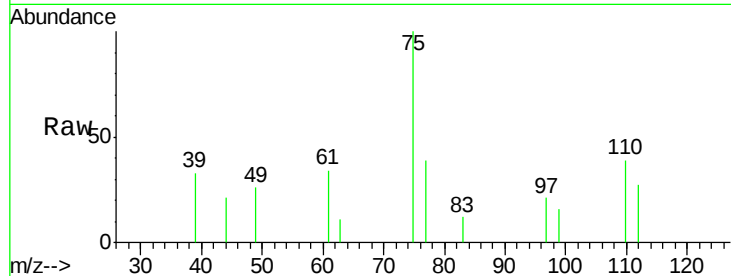




#76

1,2,3-Trichloropropane
Concen: 2.272 ug/l m
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

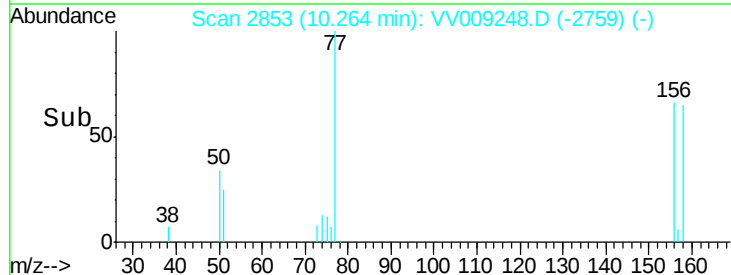
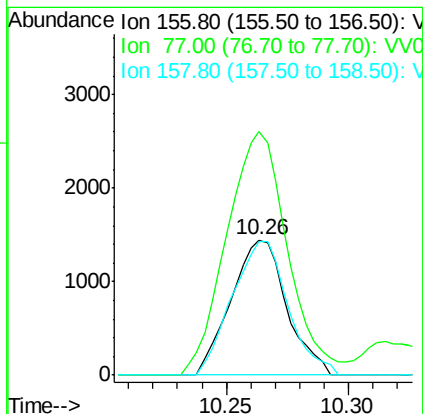
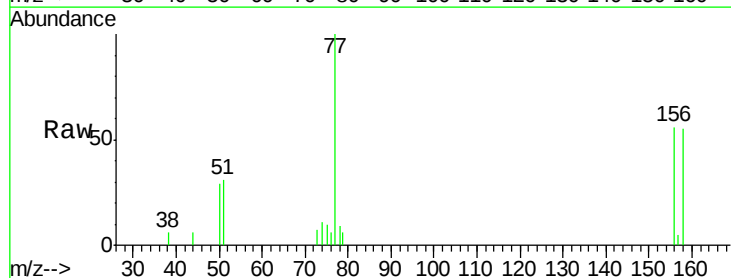
Tot Ion: 75 Resp: 1473
Ion Ratio Lower Upper
75 100
77 28.4 24.6 73.8

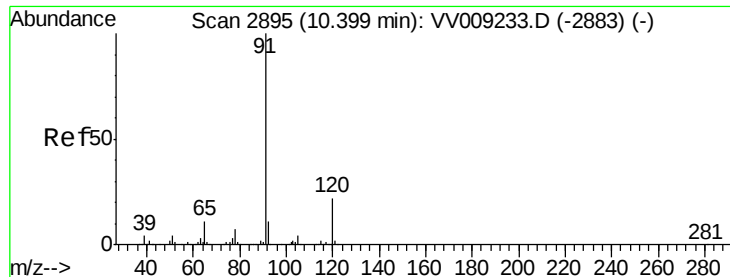


#77

Bromobenzene
Concen: 2.183 ug/l
RT: 10.26 min Scan# 2853
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion: 156 Resp: 2284
Ion Ratio Lower Upper
156 100
77 197.8 86.0 258.0
158 99.9 49.8 149.3





#78

n-propylbenzene

Concen: 2.020 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009248.D

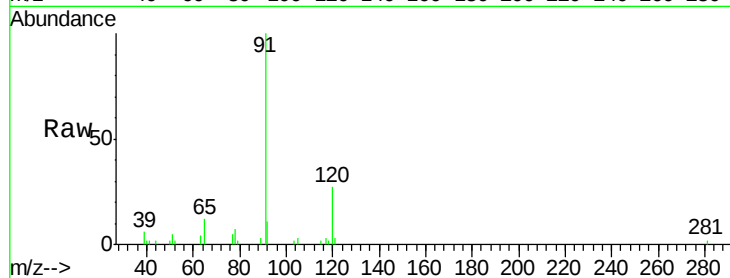
Acq: 23 Jan 2019 15:07

Tot Ion: 91 Resp: 11714

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2883) (-)

Ion 120.00 (119.70 to 120.70): VV009233.D (-2883) (-)

8000

6000

4000

2000

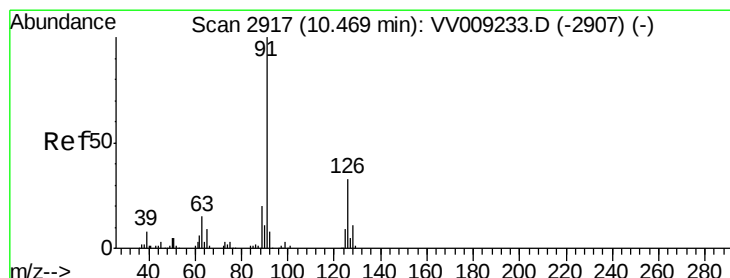
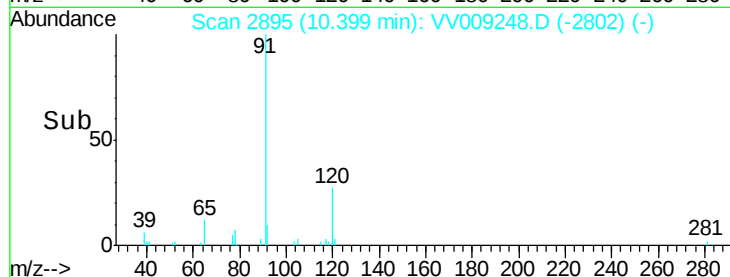
0

10.35

10.40

10.45

Time-->



#79

2-Chlorotoluene

Concen: 2.180 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009248.D

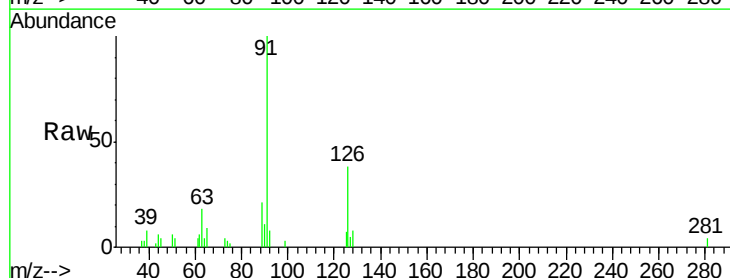
Acq: 23 Jan 2019 15:07

Tgt Ion: 91 Resp: 7628

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2907) (-)

Ion 125.90 (125.60 to 126.60): VV009233.D (-2907) (-)

8000

6000

4000

2000

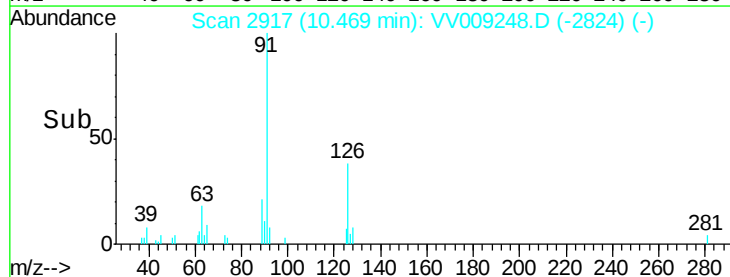
0

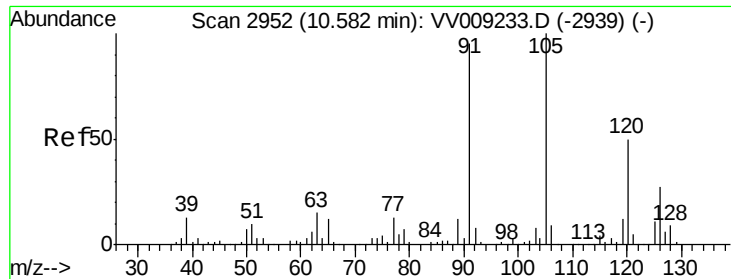
10.40

10.45

10.50

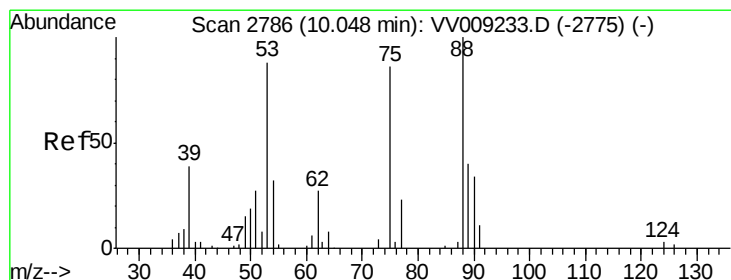
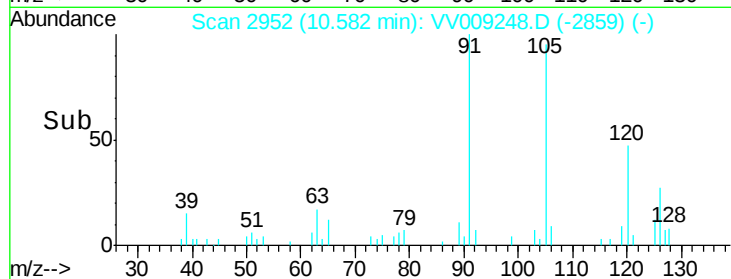
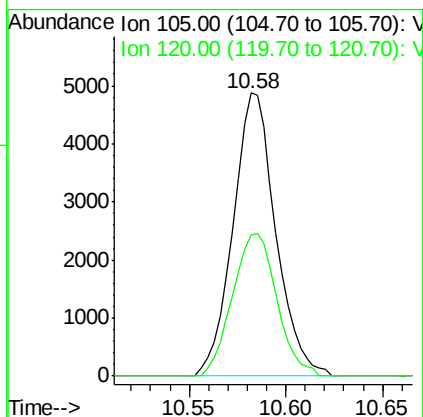
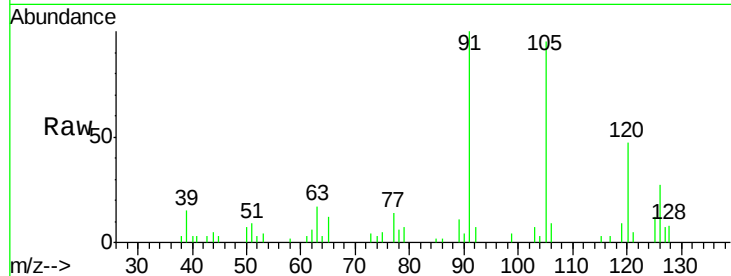
Time-->





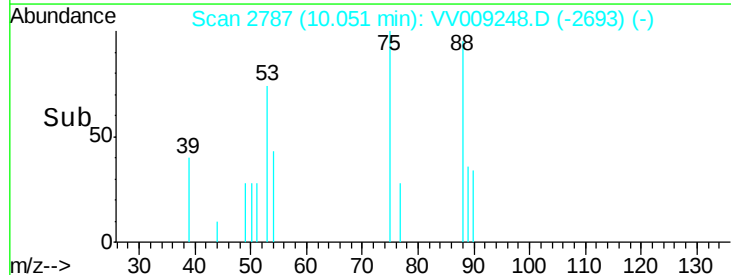
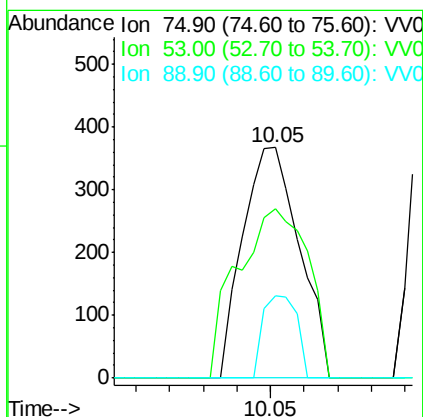
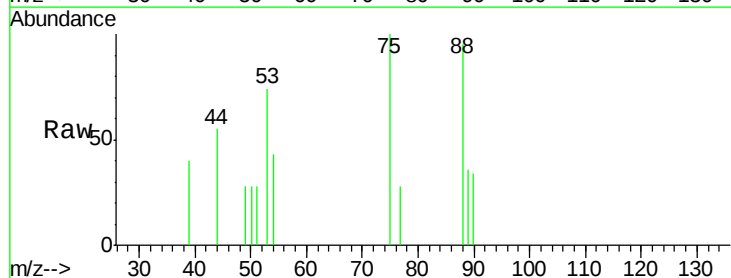
#80
 1,3,5-Trimethylbenzene
 Concen: 1.822 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

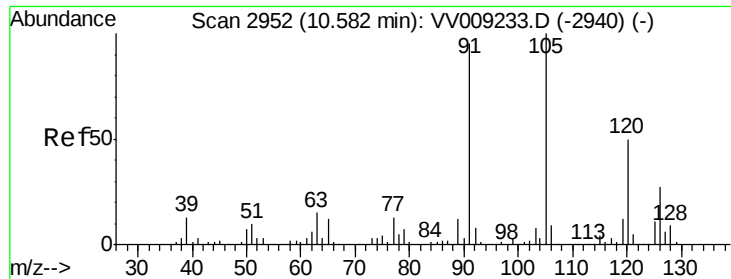
Tot Ion: 105 Resp: 7475
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.864 ug/l m
 RT: 10.05 min Scan# 2787
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

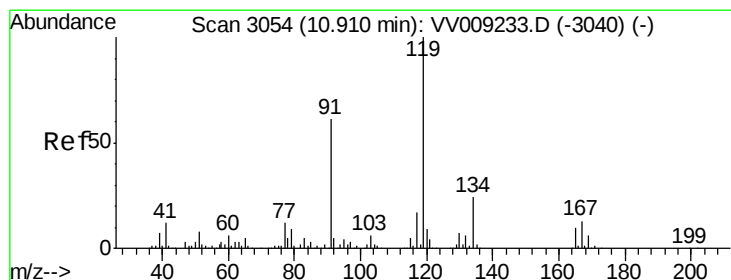
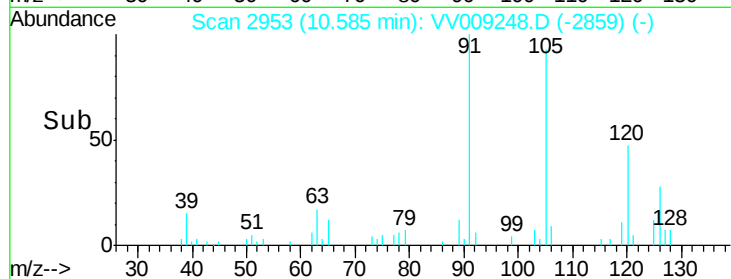
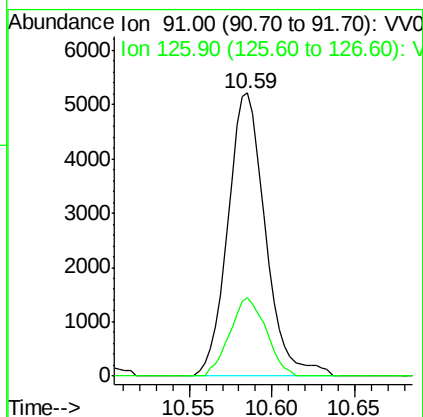
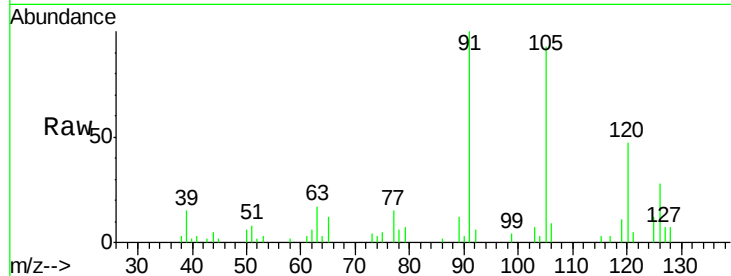
Tgt Ion: 75 Resp: 427
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.1 123.1#
 89 0.0 36.2 54.4#





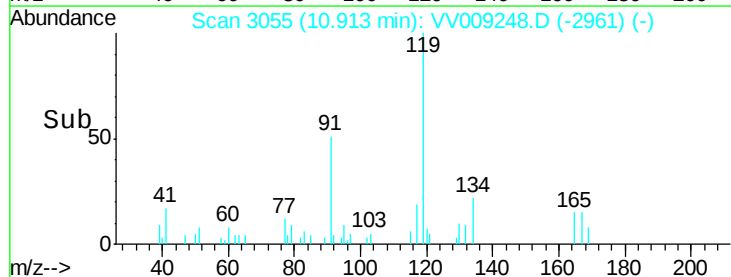
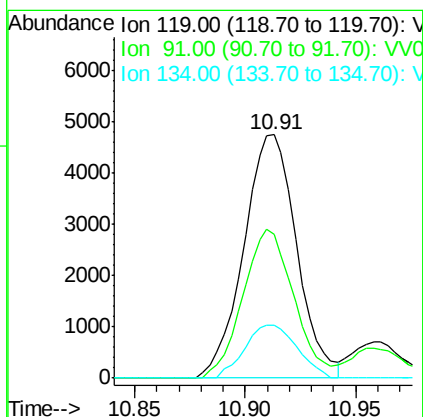
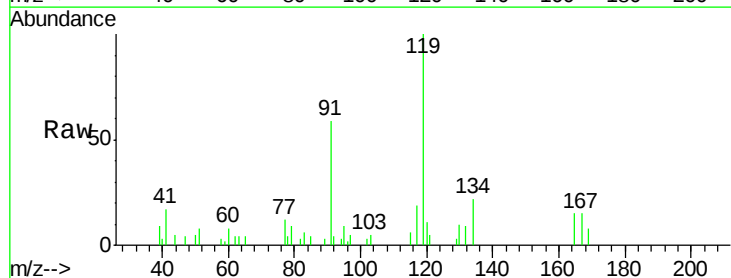
#82
4-Chlorotoluene
Concen: 1.991 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

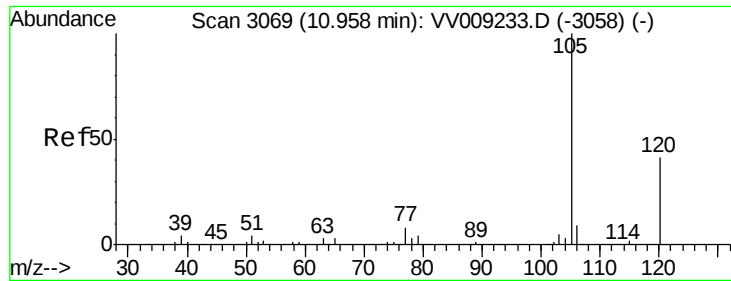
Tot Ion: 91 Resp: 8204
Ion Ratio Lower Upper
91 100
126 26.8 14.3 42.9



#83
tert-Butylbenzene
Concen: 2.022 ug/l
RT: 10.91 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

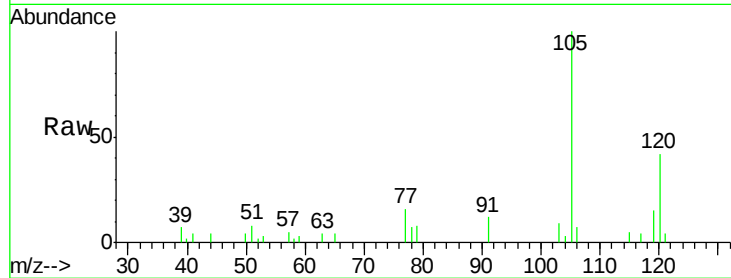
Tgt Ion: 119 Resp: 7898
Ion Ratio Lower Upper
119 100
91 58.6 30.0 90.1
134 21.4 11.9 35.7



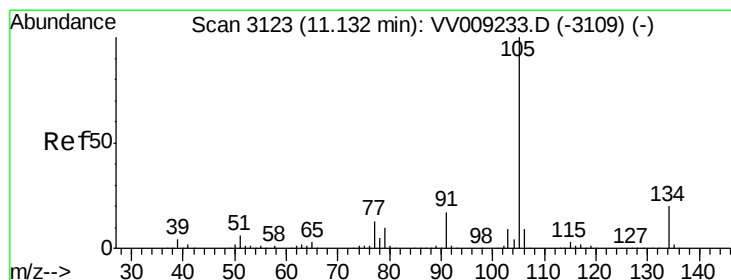
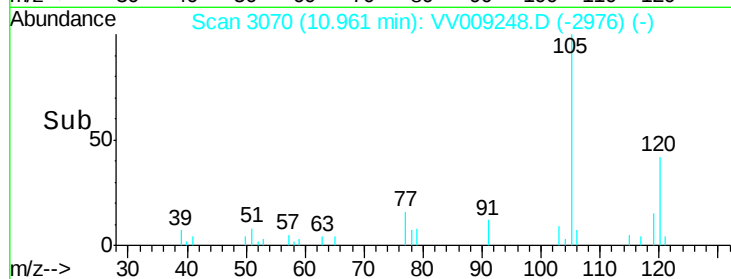
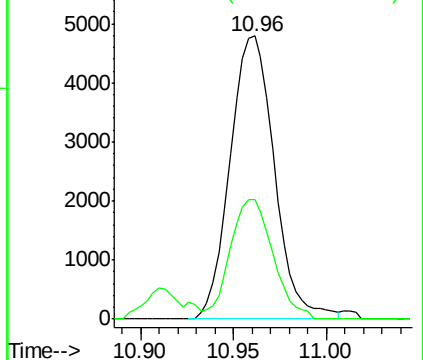


#84
 1,2,4-Trimethylbenzene
 Concen: 1.927 ug/l
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tot Ion:105 Resp: 7972
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.6 67.7

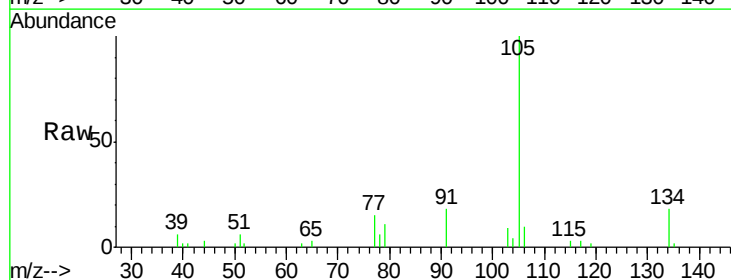


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

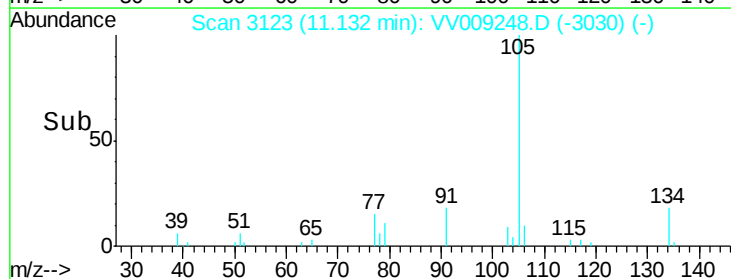
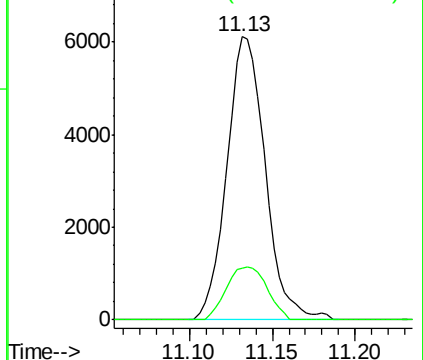


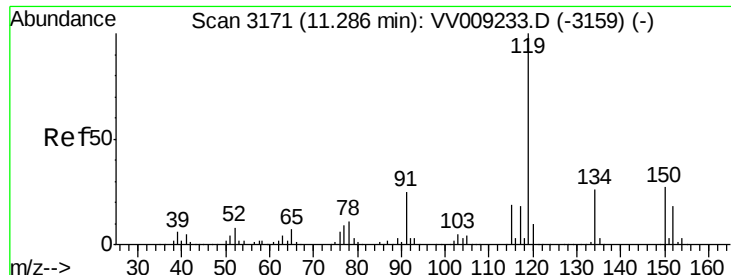
#85
 sec-Butylbenzene
 Concen: 1.920 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tgt Ion:105 Resp: 9821
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



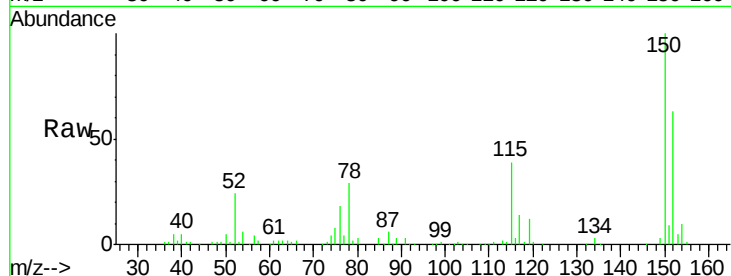
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V





#86
 p-Isopropyltoluene
 Concen: 1.992 ug/l
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	38.9
91	25.2	12.4	37.2

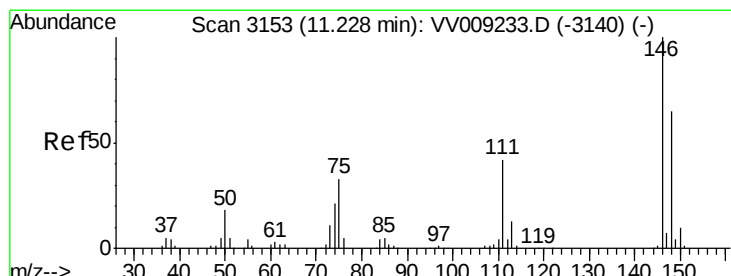
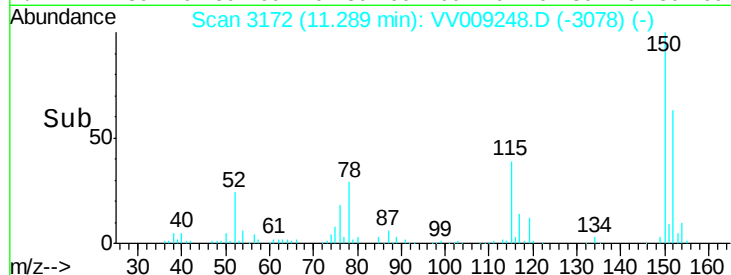
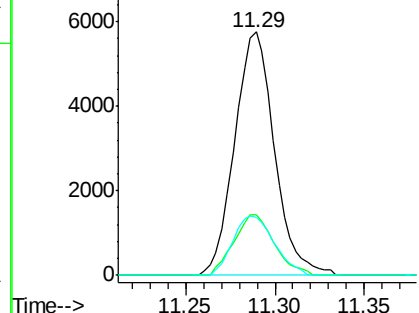


Abundance

Ion 119.00 (118.70 to 119.70): V

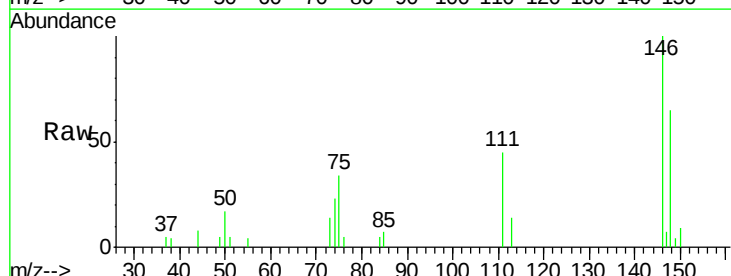
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 2.288 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	60.7	32.1	96.3

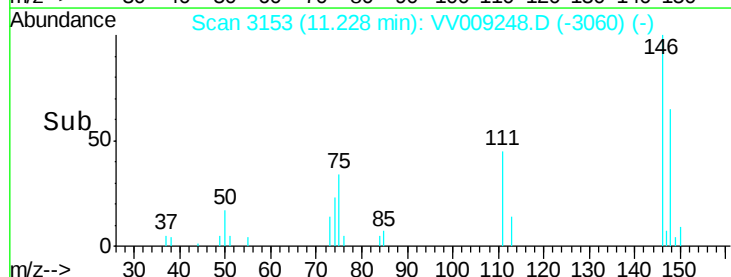
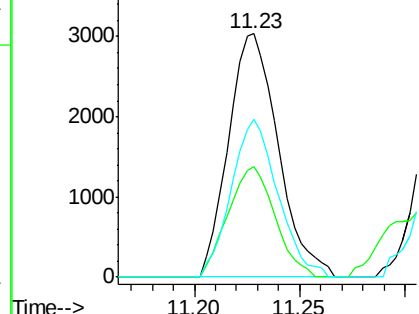


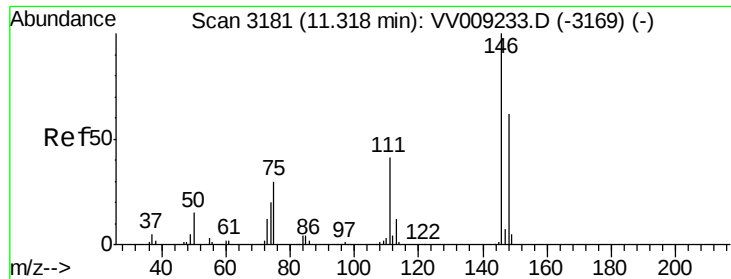
Abundance

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: 2.339 ug/l

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

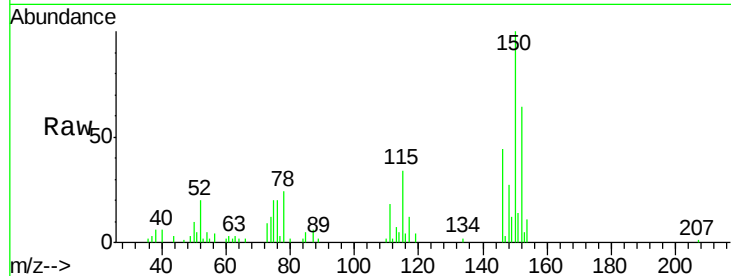
Tot Ion:146 Resp: 5135

Ion Ratio Lower Upper

146 100

111 56.5 20.5 61.5

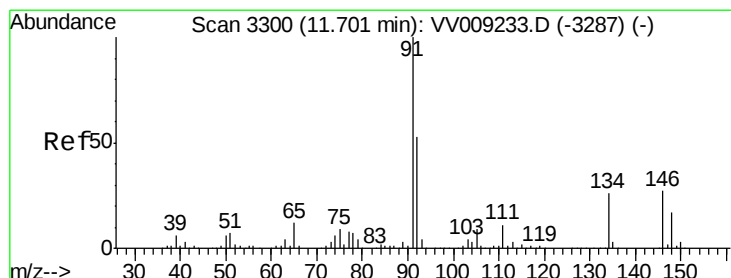
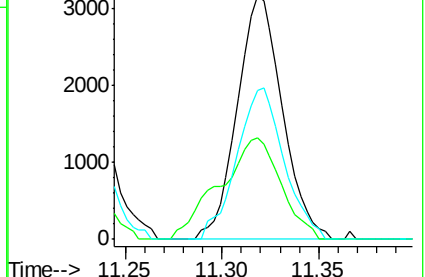
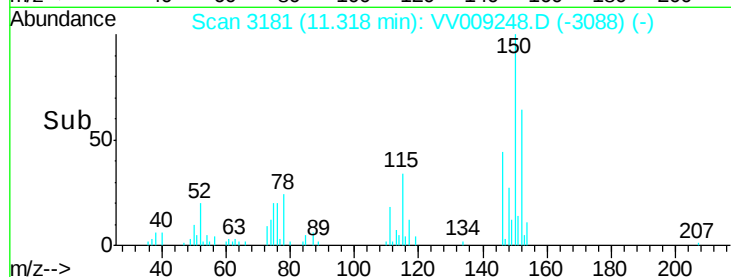
148 65.0 31.4 94.3



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: 2.003 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

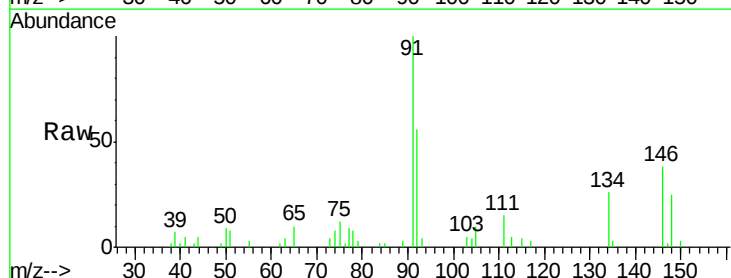
Tgt Ion: 91 Resp: 8709

Ion Ratio Lower Upper

91 100

92 52.9 27.2 81.5

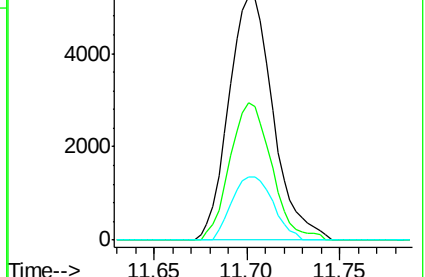
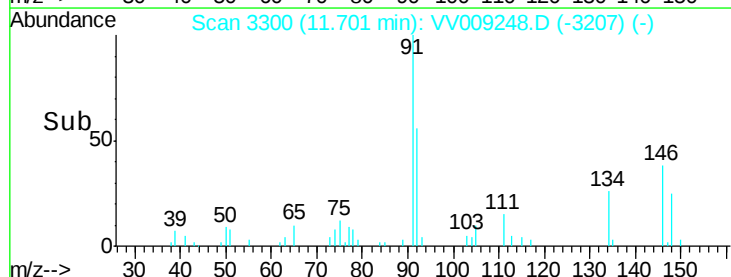
134 24.2 12.6 37.8

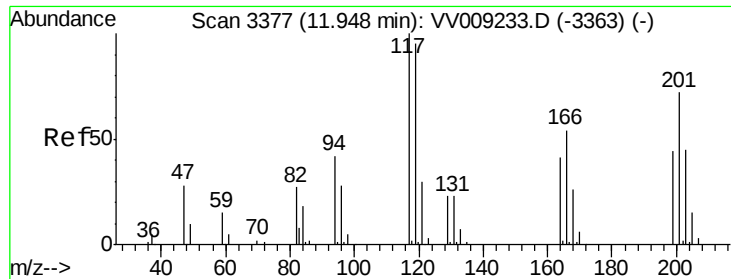


Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

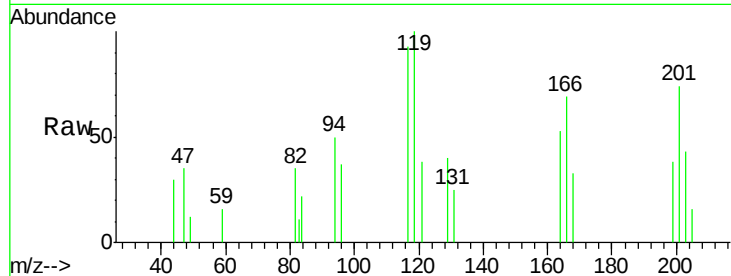
Ion 134.00 (133.70 to 134.70): V



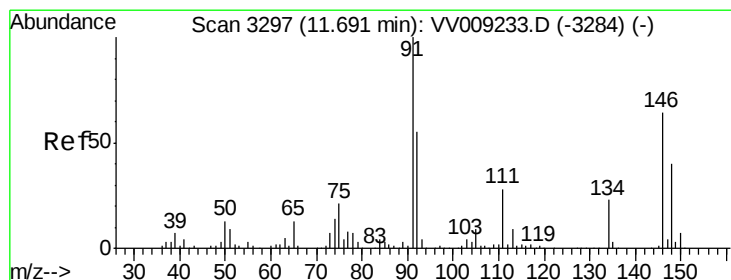
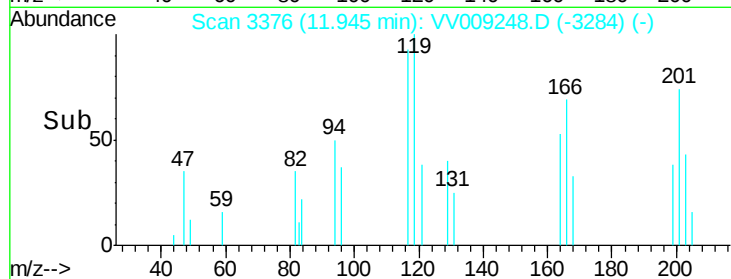
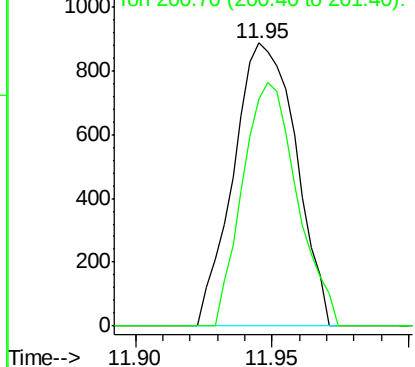


#90
Hexachloroethane
Concen: 1.770 ug/l
RT: 11.95 min Scan# 3376
Delta R.T. -0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion:117 Resp: 1410
Ion Ratio Lower Upper
117 100
201 74.8 35.2 105.6

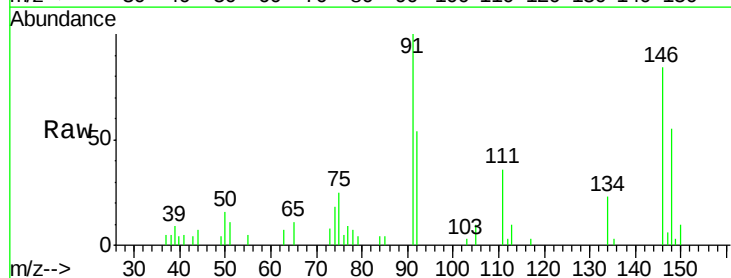


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

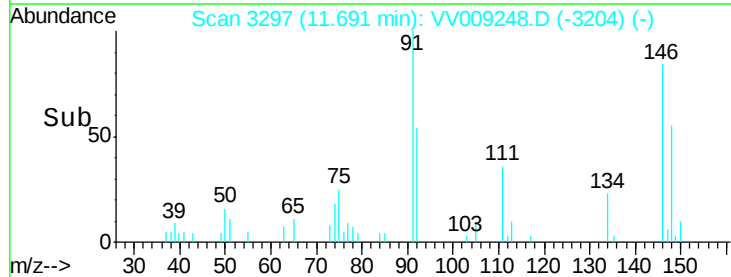
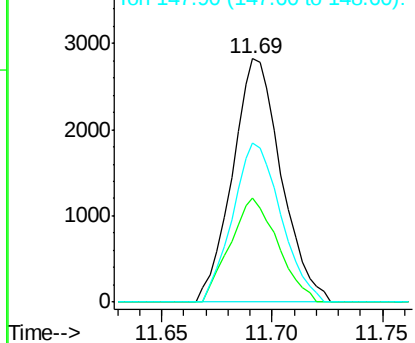


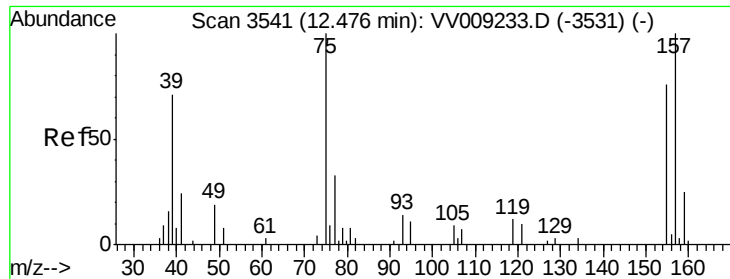
#91
1,2-Dichlorobenzene
Concen: 2.254 ug/l
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion:146 Resp: 4322
Ion Ratio Lower Upper
146 100
111 42.0 21.9 65.8
148 64.8 31.6 95.0



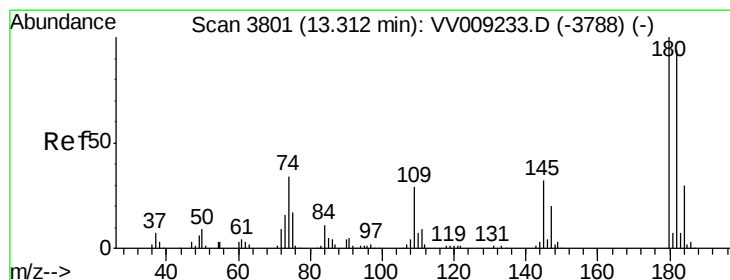
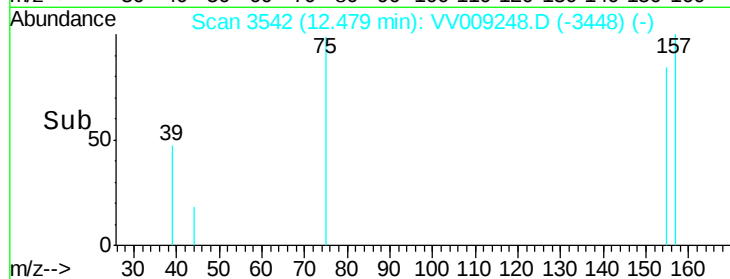
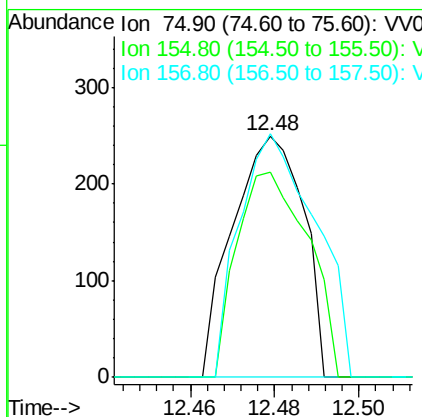
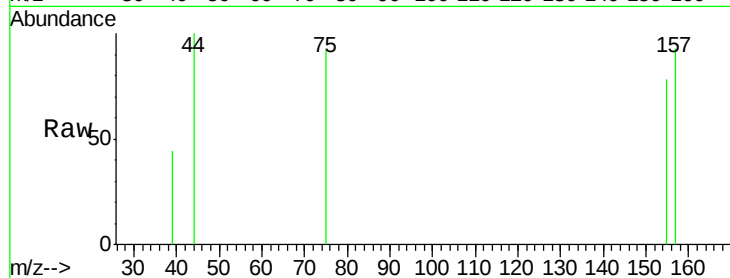
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





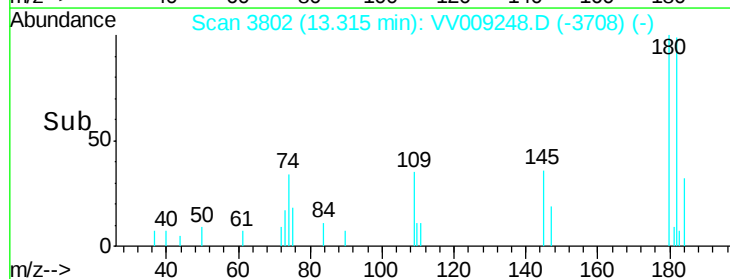
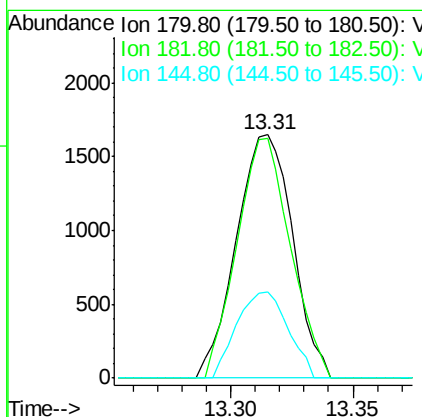
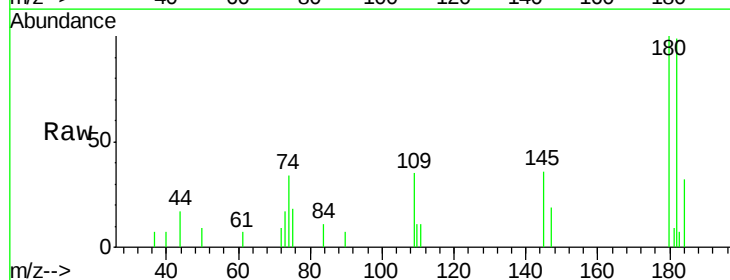
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.088 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

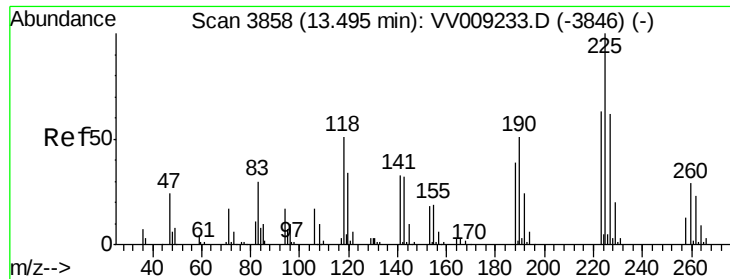
Tot Ion: 75 Resp: 289
 Ion Ratio Lower Upper
 75 100
 155 85.8 38.0 114.0
 157 108.7 50.8 152.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.136 ug/l
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009248.D
 Acq: 23 Jan 2019 15:07

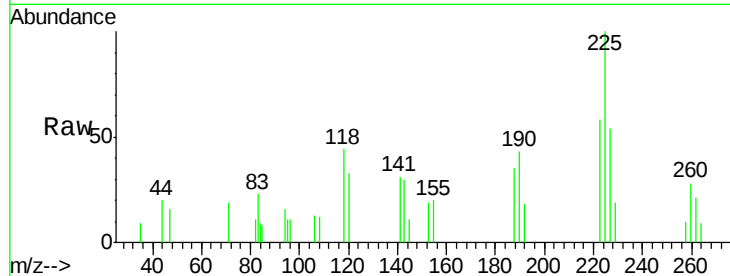
Tgt Ion: 180 Resp: 2637
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.1 141.4
 145 32.3 16.0 48.0



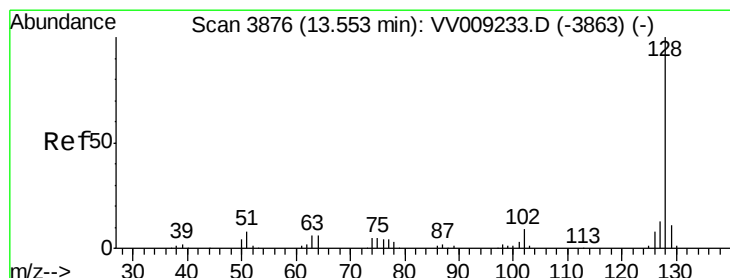
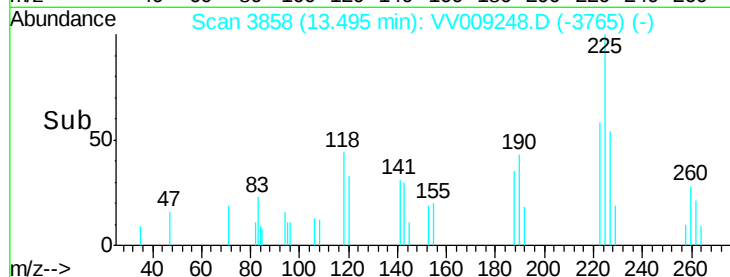
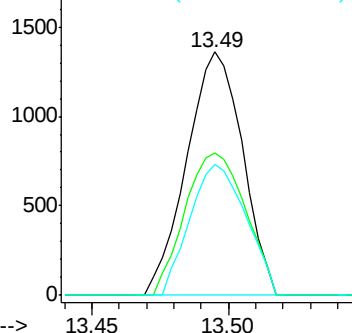


#94
Hexachlorobutadiene
Concen: 2.524 ug/l
RT: 13.49 min Scan# 3858
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tot Ion:225 Resp: 1931
Ion Ratio Lower Upper
225 100
223 63.6 31.7 95.1
227 54.0 31.6 95.0

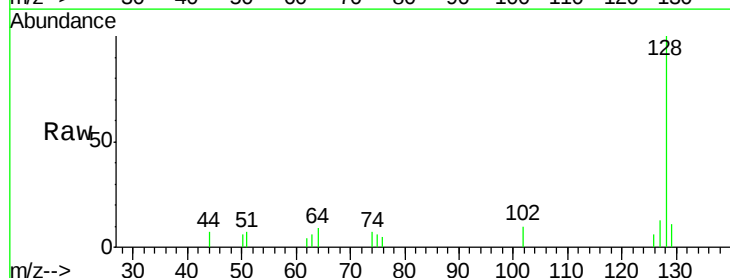


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

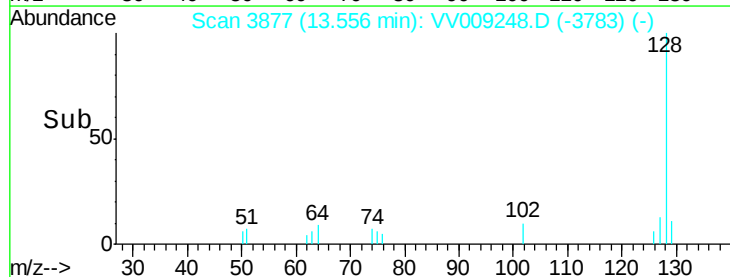
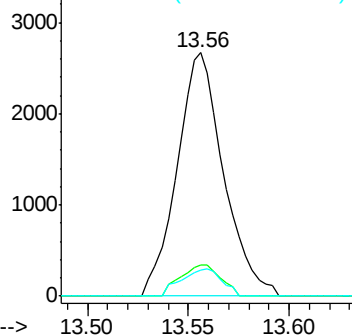


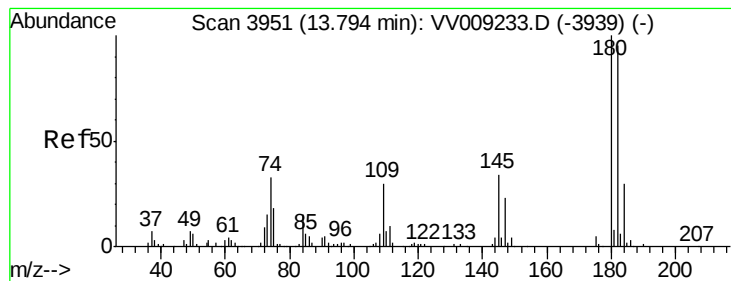
#95
Naphthalene
Concen: 2.010 ug/l
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009248.D
Acq: 23 Jan 2019 15:07

Tgt Ion:128 Resp: 4289
Ion Ratio Lower Upper
128 100
127 11.2 10.7 16.1
129 9.9 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: 2.095 ug/l

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV009248.D

Acq: 23 Jan 2019 15:07

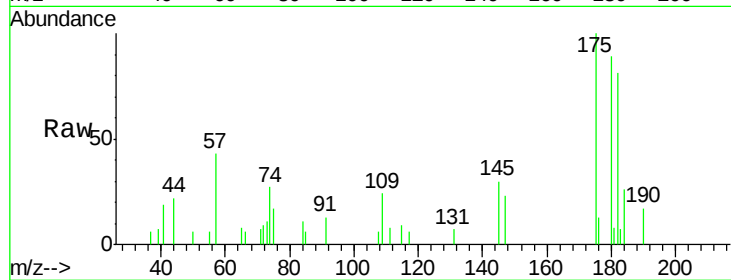
Tot Ion:180 Resp: 2190

Ion Ratio Lower Upper

180 100

182 104.4 47.4 142.2

145 33.1 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

