

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009247.D
 Acq On : 23 Jan 2019 14:39
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 24 04:08:12 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	79868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	138264	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	126931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	62581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	54323	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
35) Dibromofluoromethane	4.64	113	46088	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	7.36	98	173645	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.12	95	64021	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.15	85	1334	2.065	ug/l 89
3) Chloromethane	1.24	50	2088	2.401	ug/l 93
4) Vinyl Chloride	1.32	62	2045	2.070	ug/l 91
5) Bromomethane	1.53	94	1319	2.354	ug/l 95
6) Chloroethane	1.59	64	1284	2.325	ug/l 92
7) Trichlorofluoromethane	1.76	101	1147	1.654	ug/l 91
8) Diethyl Ether	1.96	74	983	2.254	ug/l 53
9) 1,1,2-Trichlorotrifluoroet	2.13	101	1892	2.196	ug/l 97
10) Methyl Iodide	2.25	142	3190	2.320	ug/l 96
11) Tert butyl alcohol	2.65	59	2961	31.673	ug/l # 76
12) 1,1-Dichloroethene	2.14	96	2057	2.432	ug/l # 85
13) Acrolein	2.06	56	740	Below Cal	# 83
14) Allyl chloride	2.42	41	3202	2.196	ug/l 93
15) Acrylonitrile	2.76	53	2858	15.129	ug/l 97
16) Acetone	2.17	43	4030	15.250	ug/l 96
17) Carbon Disulfide	2.31	76	5797	2.240	ug/l # 90
18) Methyl Acetate	2.45	43	2525	3.577	ug/l 91
19) Methyl tert-butyl Ether	2.79	73	3462	2.636	ug/l 99
20) Methylene Chloride	2.53	84	5965	2.954	ug/l 95
21) trans-1,2-Dichloroethene	2.78	96	2185	2.397	ug/l 88
22) Diisopropyl ether	3.33	45	7528	2.425	ug/l # 83
23) Vinyl Acetate	3.30	43	20420	12.122	ug/l 97
24) 1,1-Dichloroethane	3.22	63	4565	2.363	ug/l 97
25) 2-Butanone	4.02	43	4035	13.352	ug/l 96
26) 2,2-Dichloropropane	3.95	77	2384	2.193	ug/l # 63
27) cis-1,2-Dichloroethene	3.95	96	2657	2.412	ug/l 95
28) Bromochloromethane	4.29	49	1527	2.142	ug/l # 96
29) Tetrahydrofuran	4.39	42	2404	14.627	ug/l 90
30) Chloroform	4.42	83	4415	2.276	ug/l 97
31) Cyclohexane	4.72	56	5532	3.137	ug/l # 63
32) 1,1,1-Trichloroethane	4.65	97	3714	2.272	ug/l 96
36) 1,1-Dichloropropene	4.87	75	3545	2.309	ug/l 96
37) Ethyl Acetate	4.13	43	811	1.375	ug/l # 67
38) Carbon Tetrachloride	4.87	117	3143	2.045	ug/l 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009247.D
 Acq On : 23 Jan 2019 14:39
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 24 04:08:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

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

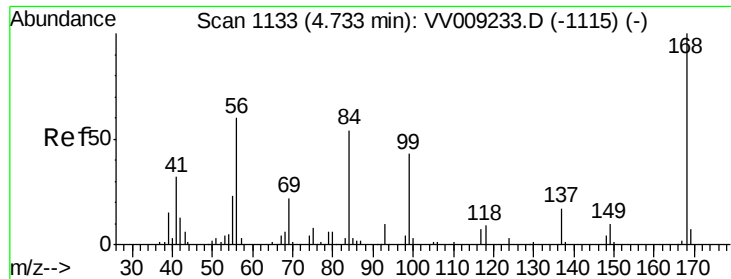
39) Methylcyclohexane	6.17	83	3893	2.142	ug/l	86
40) Benzene	5.14	78	9995	2.328	ug/l	100
41) Methacrylonitrile	4.32	41	769	2.163	ug/l #	84
42) 1,2-Dichloroethane	5.17	62	3400	2.530	ug/l	88
43) Isopropyl Acetate	5.33	43	3185	2.745	ug/l #	91
44) Trichloroethene	5.96	130	2749	2.433	ug/l	86
45) 1,2-Dichloropropane	6.22	63	2376	2.301	ug/l	90
46) Dibromomethane	6.35	93	1217	2.297	ug/l	91
47) Bromodichloromethane	6.55	83	3072	2.194	ug/l	94
48) Methyl methacrylate	6.42	41	1447	2.444	ug/l	91
49) 1,4-Dioxane	6.42	88	320	47.405	ug/l #	61
51) 4-Methyl-2-Pentanone	7.27	43	7787	13.222	ug/l	98
52) Toluene	7.43	92	6110	2.250	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	2752	2.019	ug/l	95
54) cis-1,3-Dichloropropene	7.07	75	3342	2.129	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	1868	2.502	ug/l	93
56) Ethyl methacrylate	7.83	69	1902	2.186	ug/l	94
57) 1,3-Dichloropropane	8.06	76	3376	2.497	ug/l	94
59) 2-Hexanone	8.19	43	4952	11.625	ug/l	100
60) Dibromochloromethane	8.29	129	2007	2.296	ug/l	99
61) 1,2-Dibromoethane	8.40	107	1673	2.291	ug/l	98
64) Tetrachloroethene	8.02	164	2115	2.342	ug/l	97
65) Chlorobenzene	8.93	112	6745	2.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	2241	2.220	ug/l	89
67) Ethyl Benzene	9.06	91	11508	2.187	ug/l	93
68) m/p-Xylenes	9.18	106	8606	4.309	ug/l	92
69) o-Xylene	9.59	106	3646	1.969	ug/l	95
70) Styrene	9.60	104	5838	1.976	ug/l	97
71) Bromoform	9.78	173	1081	2.271	ug/l #	98
73) Isopropylbenzene	9.98	105	10203	1.974	ug/l	100
74) N-amyl acetate	9.84	43	2049	2.144	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.29	83	2441	2.802	ug/l #	90
76) 1,2,3-Trichloropropane	10.32	75	2134	3.115	ug/l #	63
77) Bromobenzene	10.26	156	2620	2.370	ug/l	99
78) n-propylbenzene	10.40	91	13159	2.148	ug/l	100
79) 2-Chlorotoluene	10.47	91	8452	2.287	ug/l	95
80) 1,3,5-Trimethylbenzene	10.58	105	9162	2.114	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.05	75	471m	1.945	ug/l	
82) 4-Chlorotoluene	10.59	91	9224	2.119	ug/l	98
83) tert-Butylbenzene	10.91	119	8796	2.131	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	9062	2.073	ug/l	98
85) sec-Butylbenzene	11.14	105	11350	2.100	ug/l	96
86) p-Isopropyltoluene	11.29	119	9690	2.047	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	5477	2.386	ug/l	96
88) 1,4-Dichlorobenzene	11.32	146	5548	2.391	ug/l	81
89) n-Butylbenzene	11.70	91	9056	1.971	ug/l	98
90) Hexachloroethane	11.95	117	1623	1.928	ug/l	96
91) 1,2-Dichlorobenzene	11.69	146	4947	2.442	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	264	1.805	ug/l	77
93) 1,2,4-Trichlorobenzene	13.31	180	3177	2.436	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
Data File : VV009247.D
Acq On : 23 Jan 2019 14:39
Operator : SY/MD
Sample : MDL04
Misc : 5.00G/5ML/MSVOA V/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 24 04:08:12 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)
94) Hexachlorobutadiene	13.50	225	1931	2.389	ug/l	97
95) Naphthalene	13.56	128	5002	2.218	ug/l	97
96) 1,2,3-Trichlorobenzene	13.80	180	2734	2.476	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009247.D

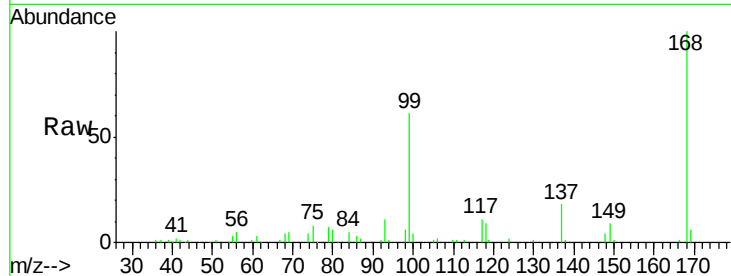
Acq: 23 Jan 2019 14:39

Tot Ion:168 Resp: 79868

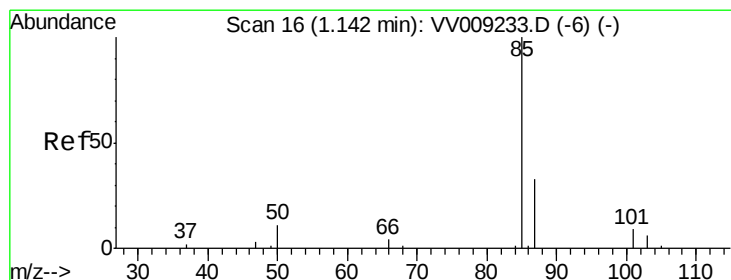
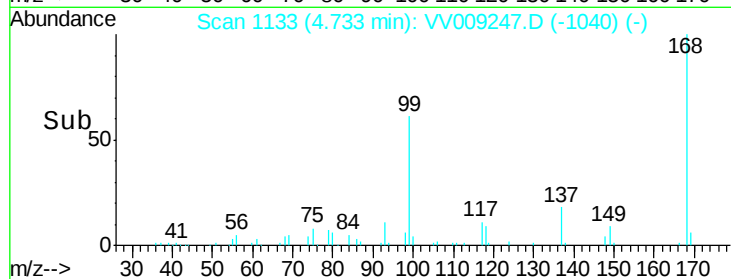
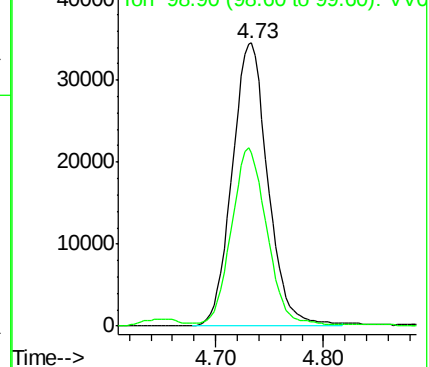
Ion Ratio Lower Upper

168 100

99 60.4 50.9 76.3



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



#2

Dichlorodifluoromethane

Concen: 2.065 ug/l

RT: 1.15 min Scan# 18

Delta R.T. 0.01 min

Lab File: VV009247.D

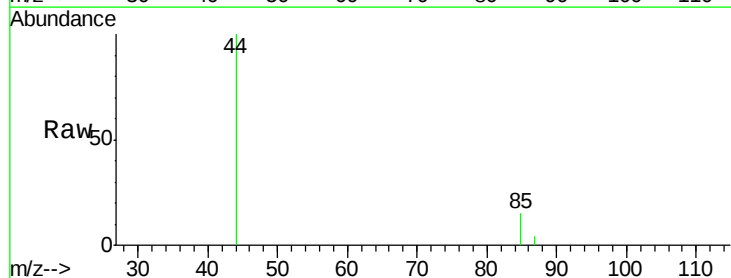
Acq: 23 Jan 2019 14:39

Tgt Ion: 85 Resp: 1334

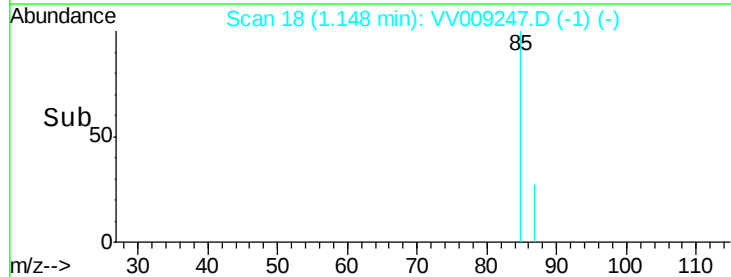
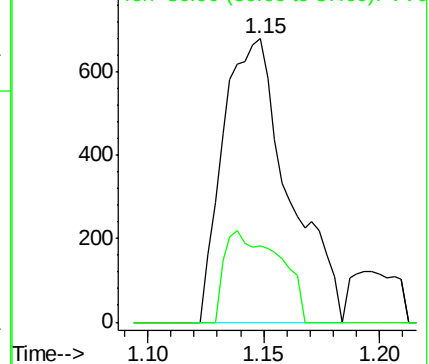
Ion Ratio Lower Upper

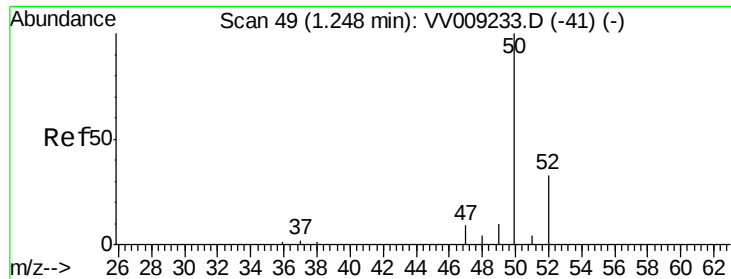
85 100

87 26.8 16.6 49.7



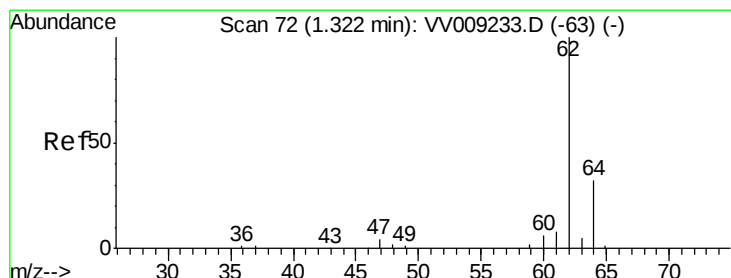
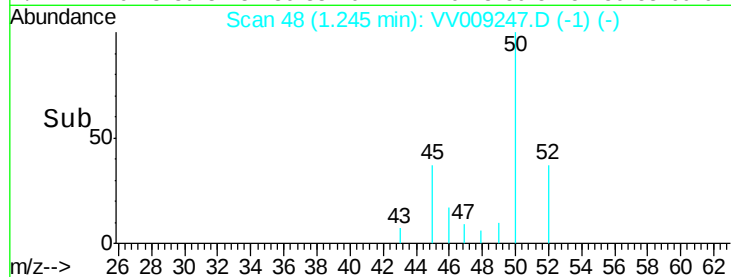
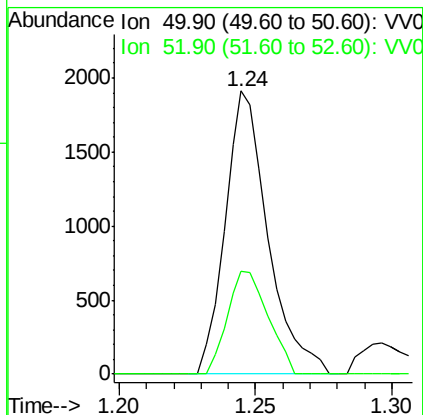
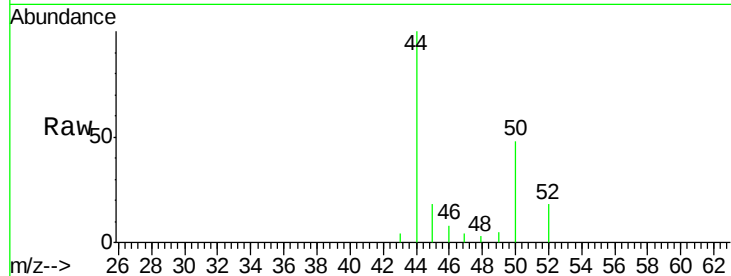
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)





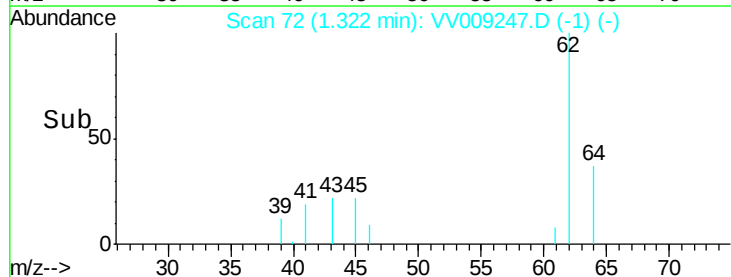
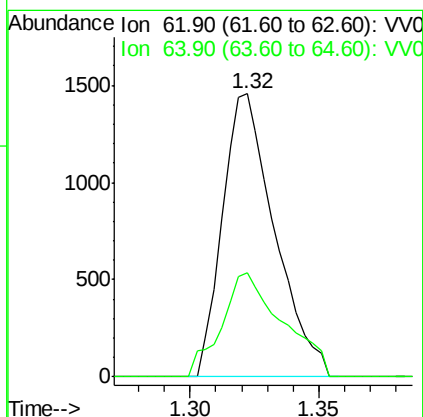
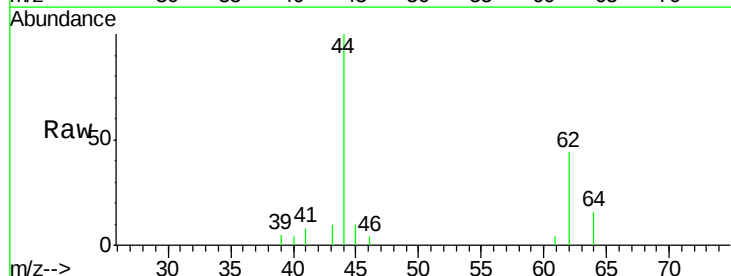
#3
 Chloromethane
 Concen: 2.401 ug/l
 RT: 1.24 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

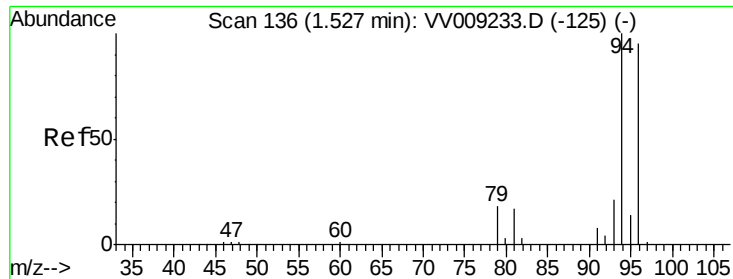
Tot Ion: 50 Resp: 2088
 Ion Ratio Lower Upper
 50 100
 52 36.6 26.3 39.5



#4
 Vinyl Chloride
 Concen: 2.070 ug/l
 RT: 1.32 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

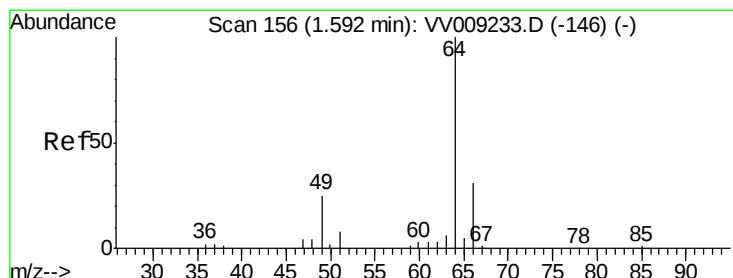
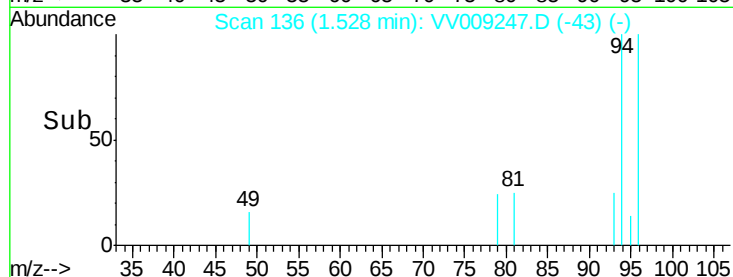
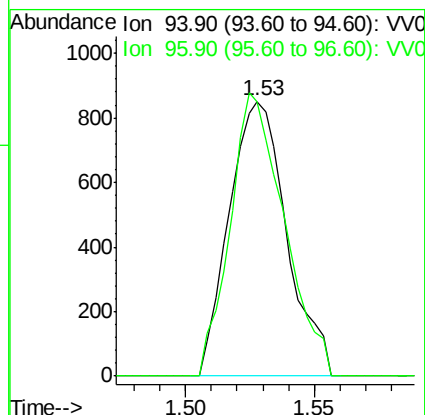
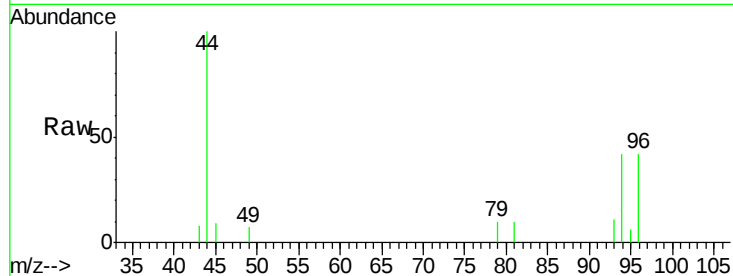
Tgt Ion: 62 Resp: 2045
 Ion Ratio Lower Upper
 62 100
 64 36.6 25.4 38.0





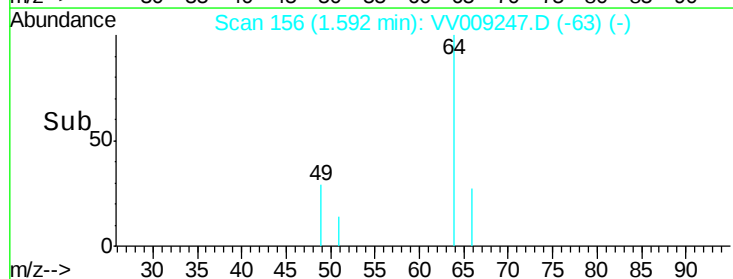
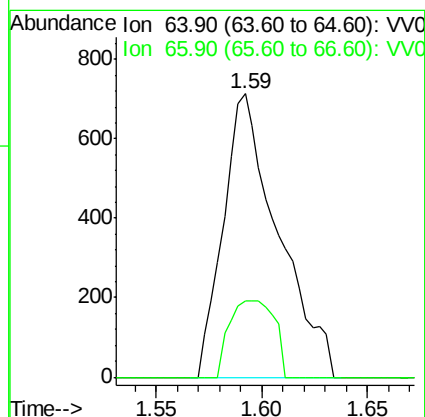
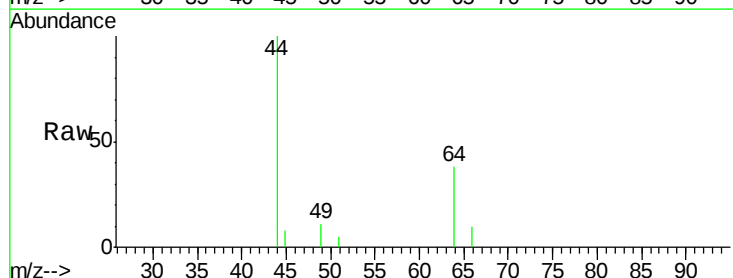
#5
Bromomethane
Concen: 2.354 ug/l
RT: 1.53 min Scan# 136
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

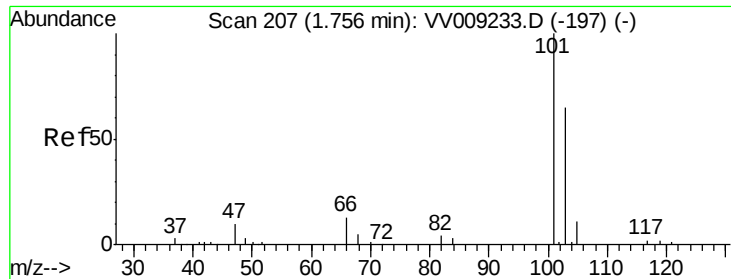
Tot Ion: 94 Resp: 1319
Ion Ratio Lower Upper
94 100
96 99.9 76.3 114.5



#6
Chloroethane
Concen: 2.325 ug/l
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 64 Resp: 1284
Ion Ratio Lower Upper
64 100
66 26.9 25.1 37.7

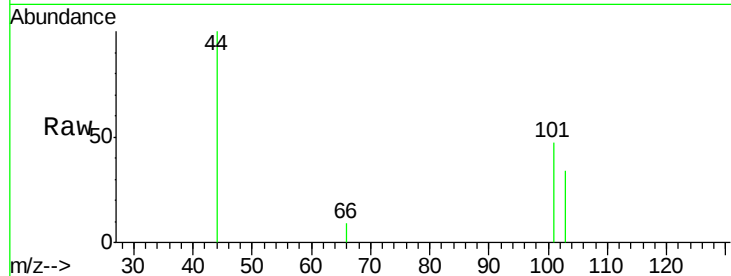




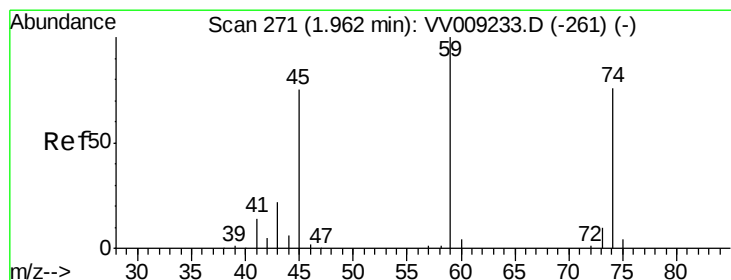
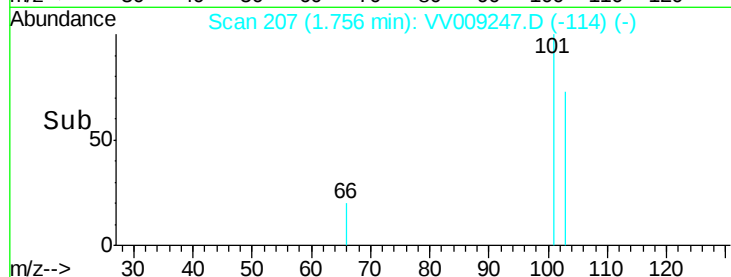
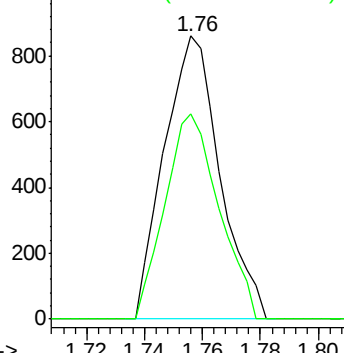
#7

Trichlorofluoromethane
 Concen: 1.654 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tot Ion:101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 103 72.7 52.2 78.4



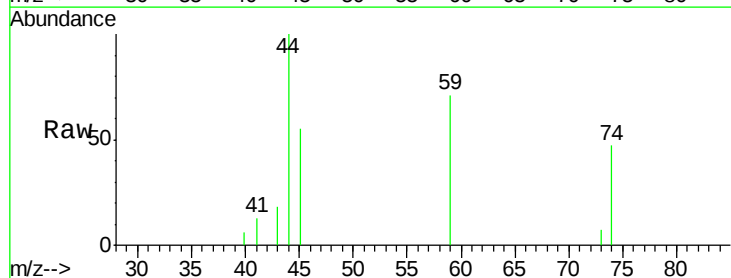
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



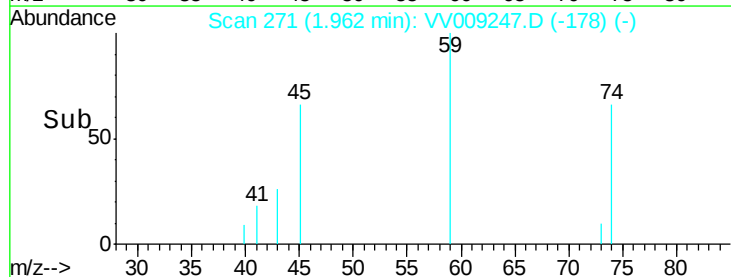
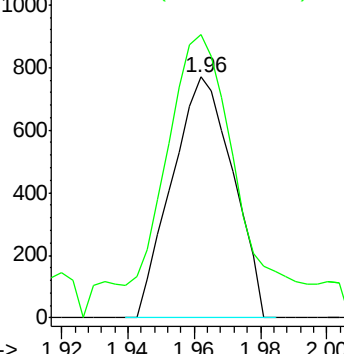
#8

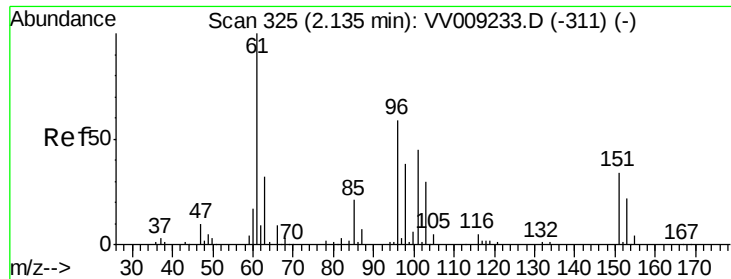
Diethyl Ether
 Concen: 2.254 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion: 74 Resp: 983
 Ion Ratio Lower Upper
 74 100
 45 145.1 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: 2.196 ug/l

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

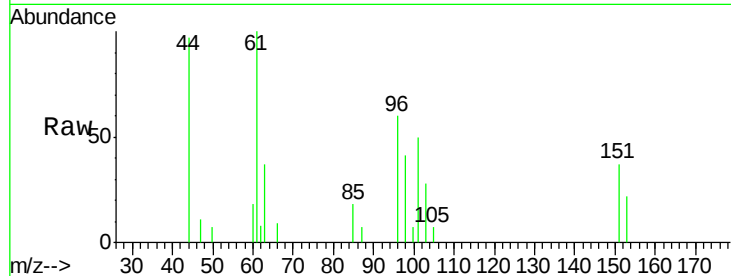
Tot Ion:101 Resp: 1892

Ion Ratio Lower Upper

101 100

85 38.8 35.3 52.9

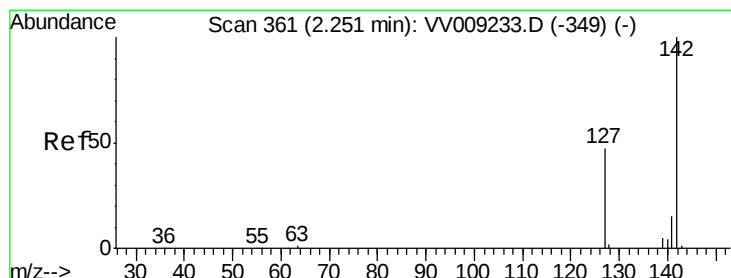
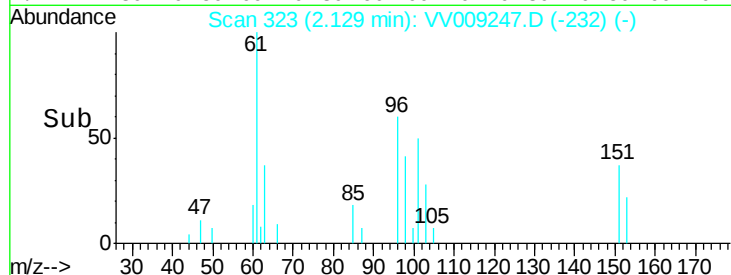
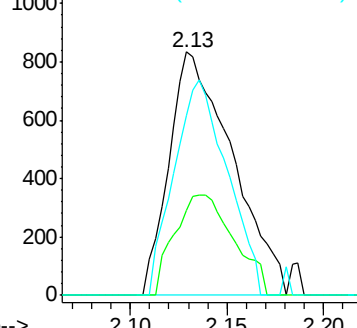
151 74.5 60.1 90.1



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: 2.320 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

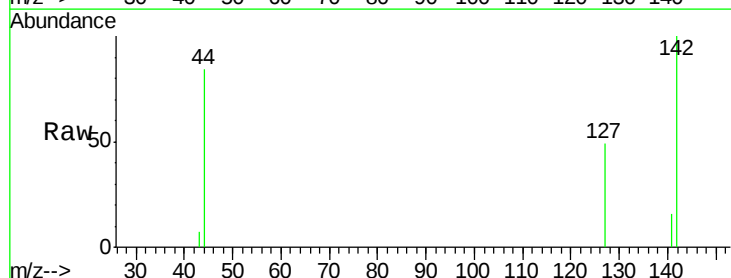
Tgt Ion:142 Resp: 3190

Ion Ratio Lower Upper

142 100

127 45.5 37.9 56.9

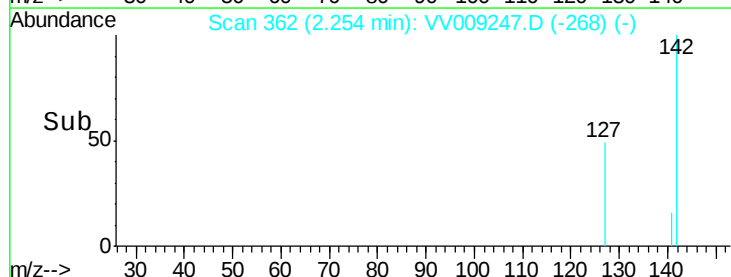
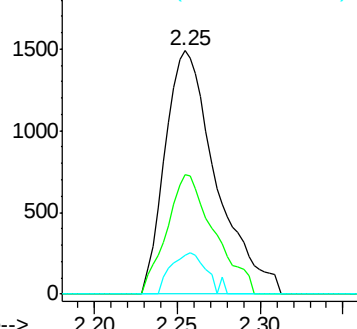
141 11.9 11.7 17.5

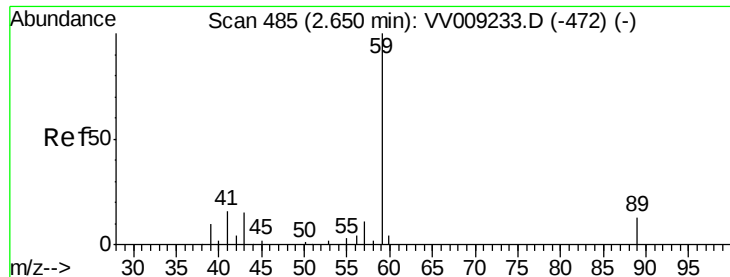


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

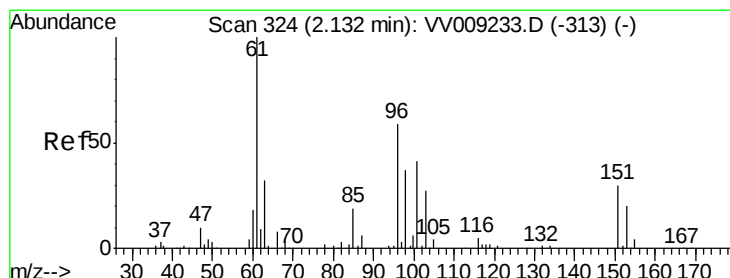
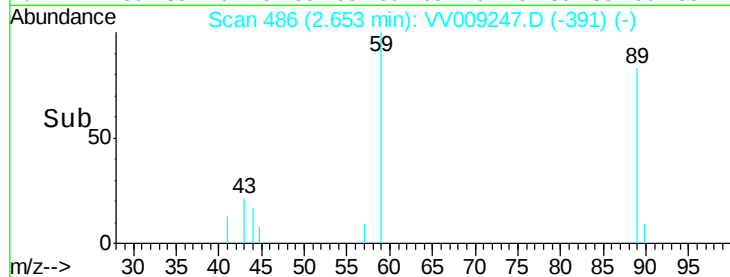
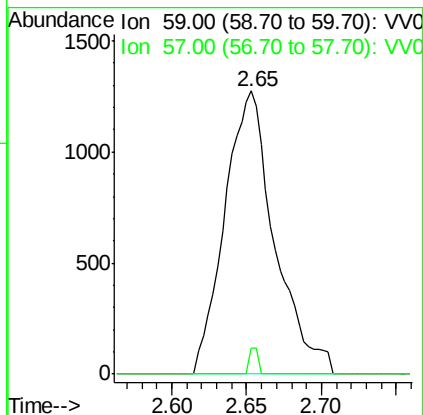
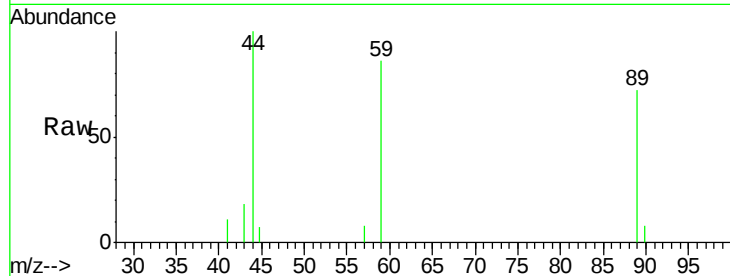




#11

Tert butyl alcohol
 Concen: 31.673 ug/l
 RT: 2.65 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

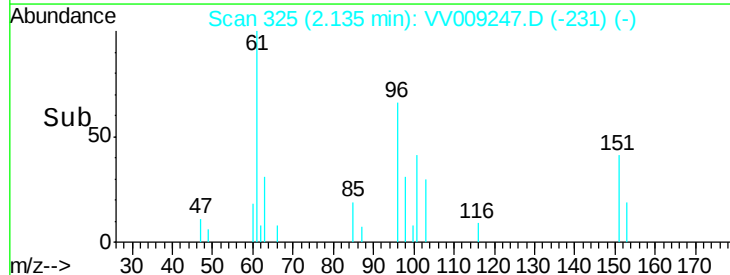
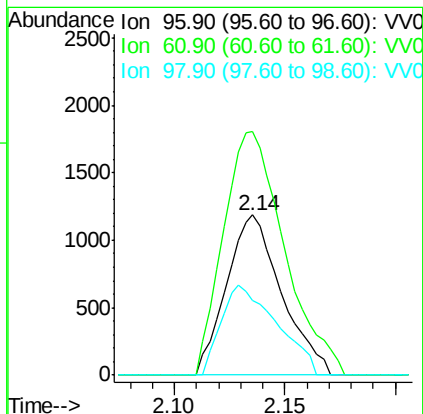
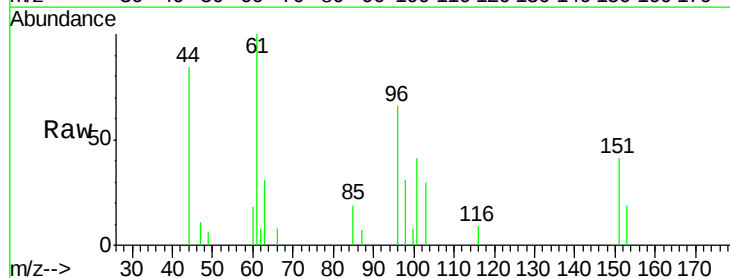
Tot Ion: 59 Resp: 2961
 Ion Ratio Lower Upper
 59 100
 57 1.5 8.4 12.6#

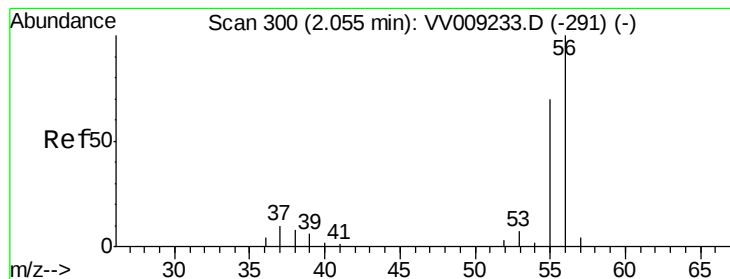


#12

1,1-Dichloroethene
 Concen: 2.432 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion: 96 Resp: 2057
 Ion Ratio Lower Upper
 96 100
 61 152.3 136.6 205.0
 98 47.1 50.6 75.8#





#13

Acrolein

Concen: Below Cal

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009247.D

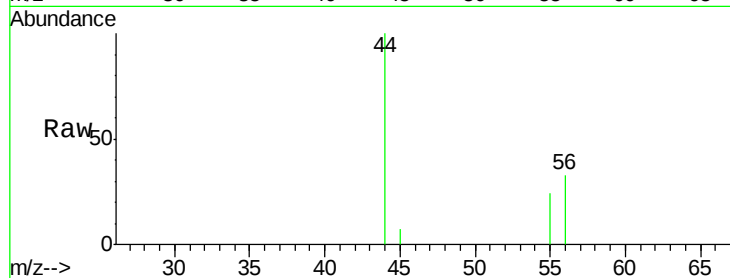
Acq: 23 Jan 2019 14:39

Tot Ion: 56 Resp: 740

Ion Ratio Lower Upper

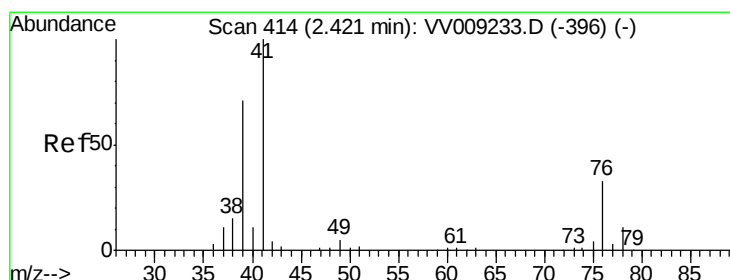
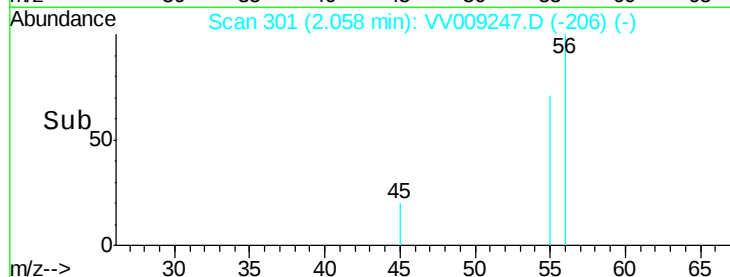
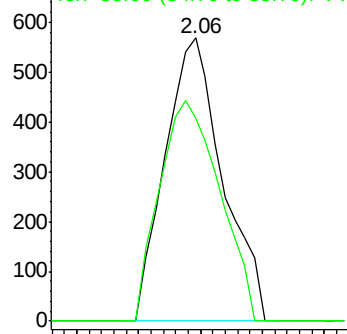
56 100

55 81.5 54.0 81.0#



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0



#14

Allyl chloride

Concen: 2.196 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

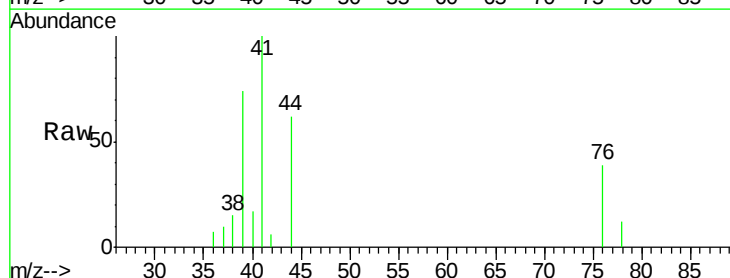
Tgt Ion: 41 Resp: 3202

Ion Ratio Lower Upper

41 100

39 74.4 55.1 82.7

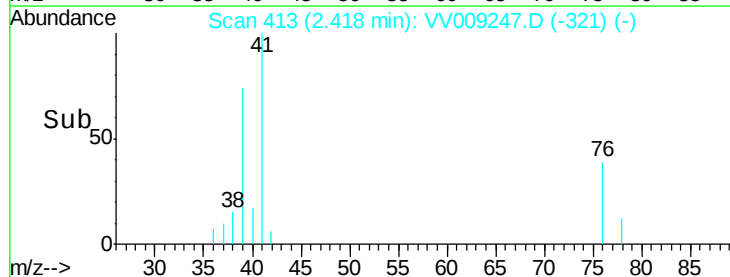
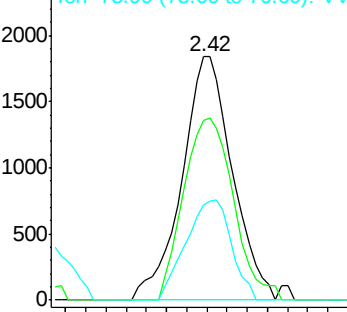
76 37.1 26.7 40.1

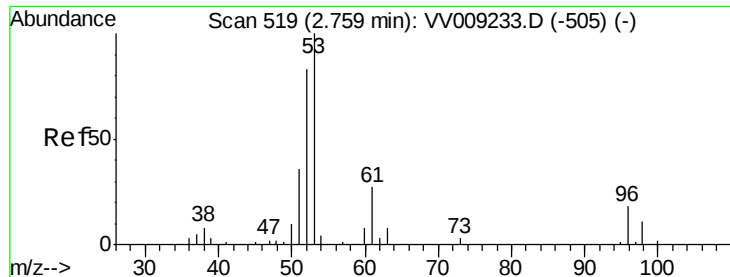


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0





#15

Acrylonitrile

Concen: 15.129 ug/l

RT: 2.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

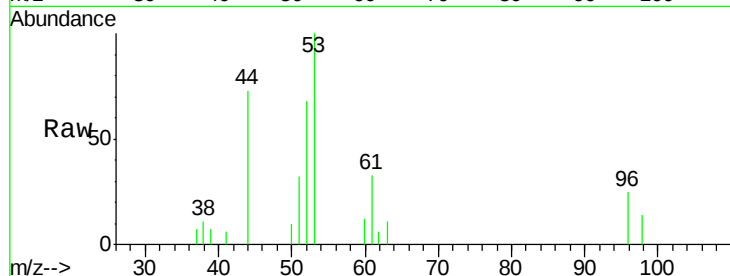
Tot Ion: 53 Resp: 2858

Ion Ratio Lower Upper

53 100

52 79.3 65.3 97.9

51 34.8 29.0 43.4

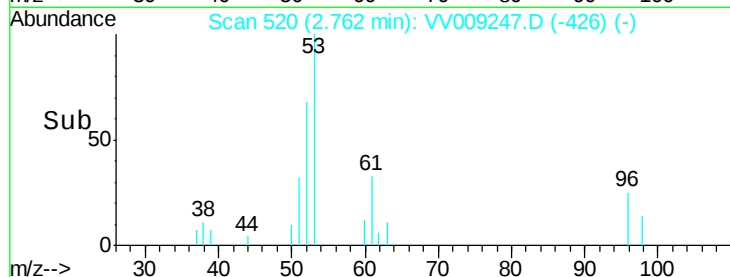


Abundance Ion 53.00 (52.70 to 53.70): VV009247.D (-244) (-)

Ion 52.00 (51.70 to 52.70): VV009247.D (-244) (-)

Ion 51.00 (50.70 to 51.70): VV009247.D (-244) (-)

Time-->

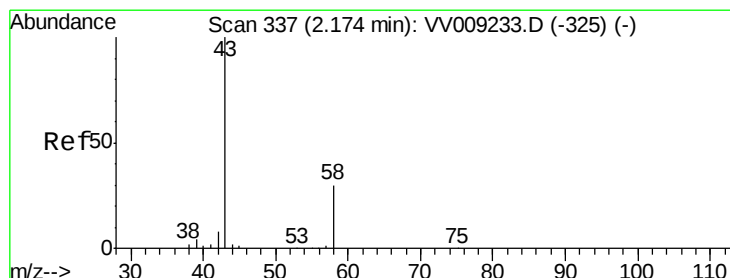


Abundance Ion 53.00 (52.70 to 53.70): VV009247.D (-244) (-)

Ion 52.00 (51.70 to 52.70): VV009247.D (-244) (-)

Ion 51.00 (50.70 to 51.70): VV009247.D (-244) (-)

Time-->



#16

Acetone

Concen: 15.250 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009247.D

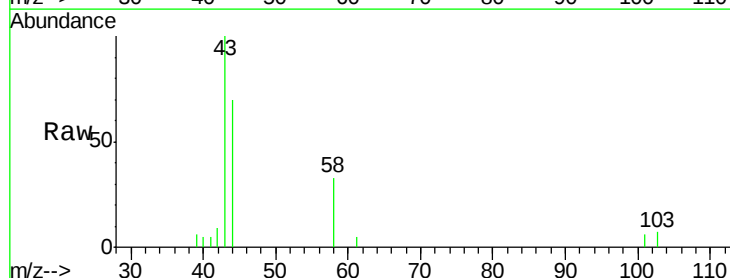
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 4030

Ion Ratio Lower Upper

43 100

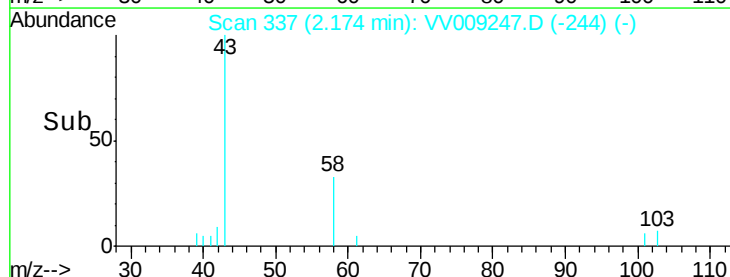
58 32.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009247.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009247.D (-244) (-)

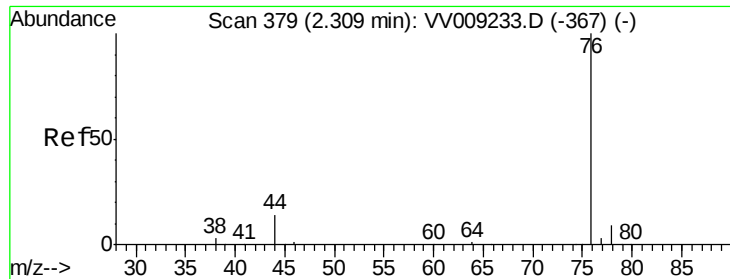
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VV009247.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009247.D (-244) (-)

Time-->



#17

Carbon Disulfide

Concen: 2.240 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009247.D

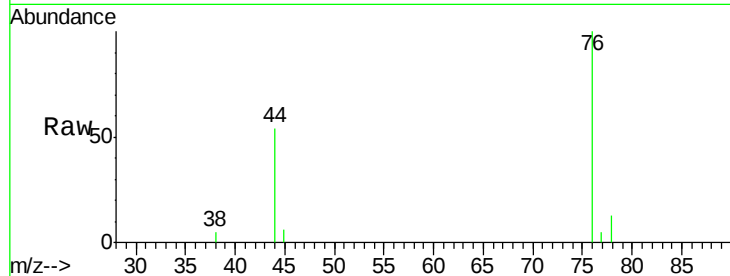
Acq: 23 Jan 2019 14:39

Tot Ion: 76 Resp: 5797

Ion Ratio Lower Upper

76 100

78 12.6 7.3 10.9#



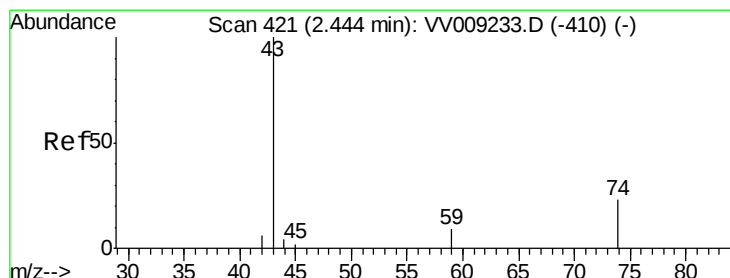
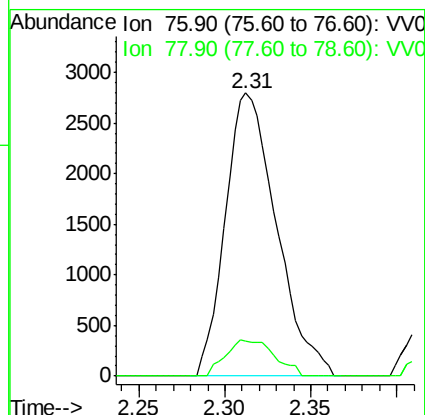
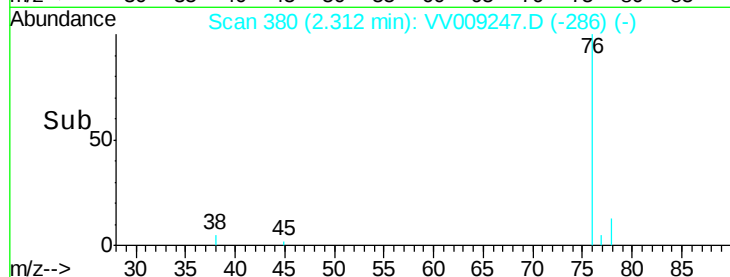
Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009247.D (-286) (-)

2.31

2.35

Time-->



#18

Methyl Acetate

Concen: 3.577 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009247.D

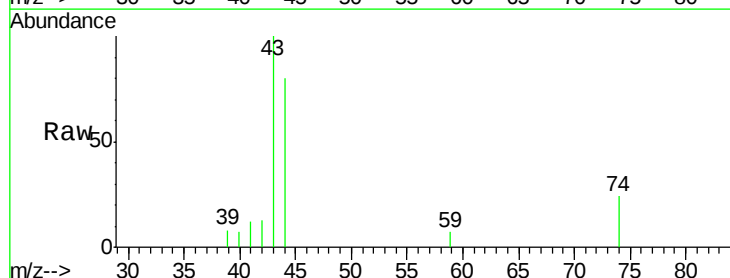
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 2525

Ion Ratio Lower Upper

43 100

74 19.9 19.7 29.5



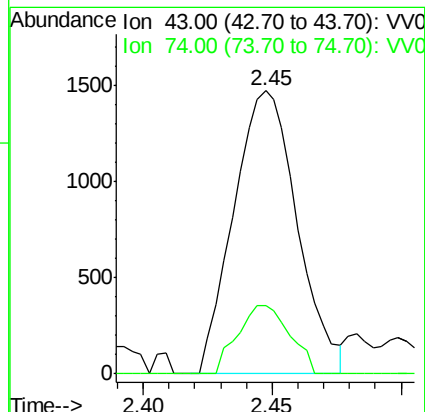
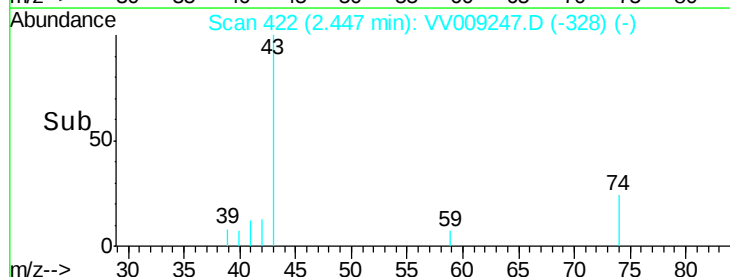
Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-410) (-)

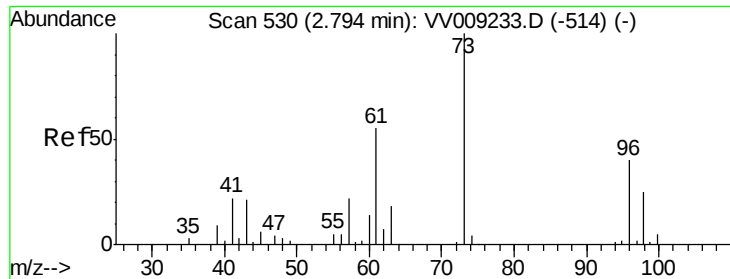
Ion 74.00 (73.70 to 74.70): VV009247.D (-328) (-)

2.45

2.45

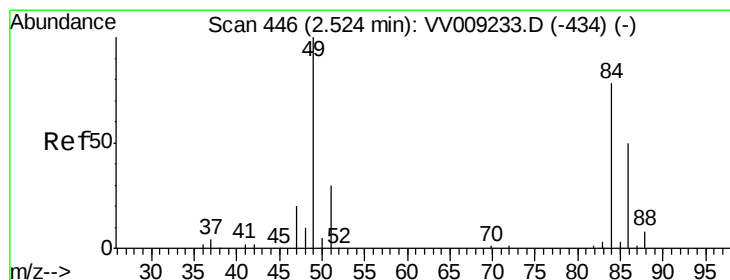
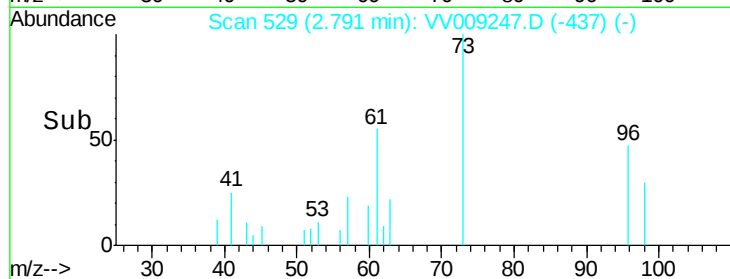
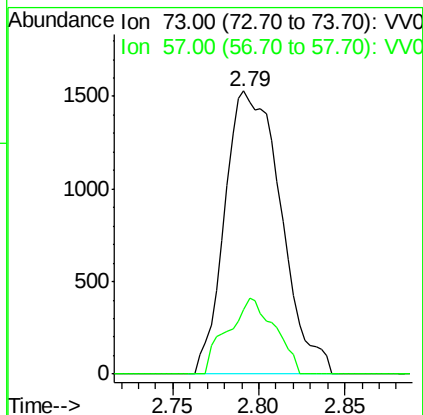
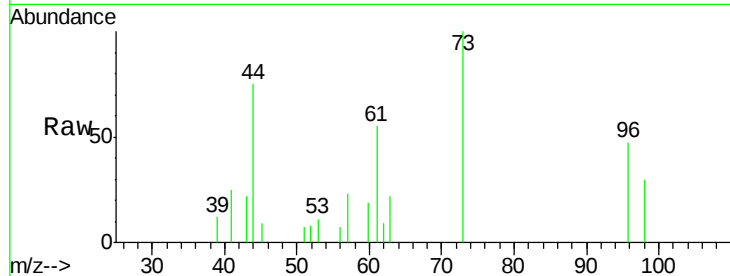
Time-->





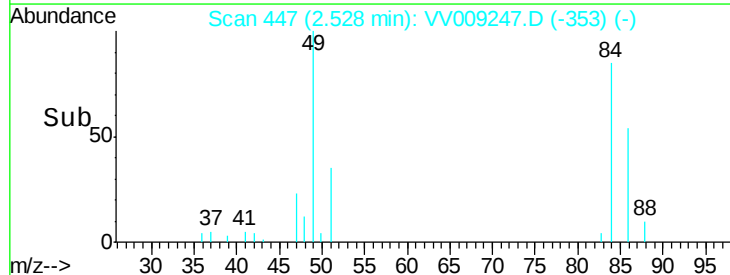
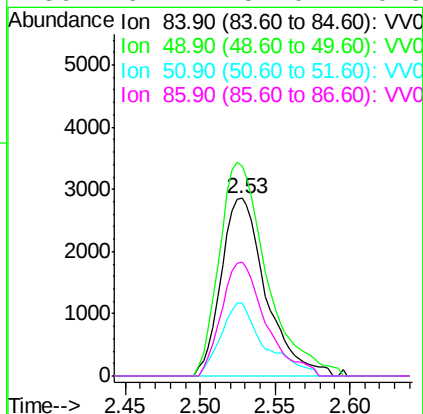
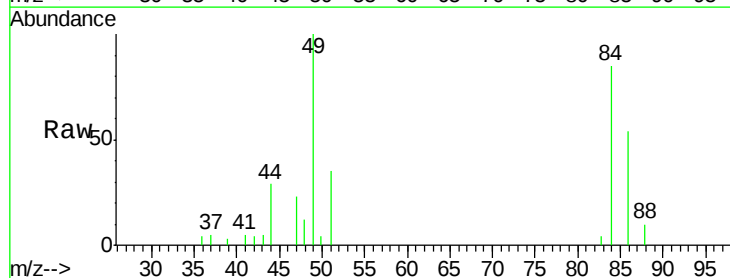
#19
Methvl tert-butvl Ether
Concen: 2.636 ug/l
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

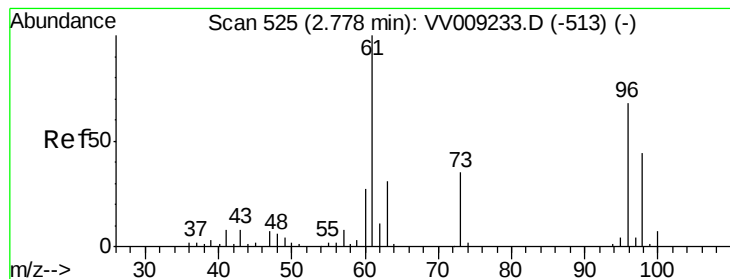
Tot Ion: 73 Resp: 3462
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0



#20
Methylene Chloride
Concen: 2.954 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 84 Resp: 5965
Ion Ratio Lower Upper
84 100
49 118.2 102.0 153.0
51 41.2 30.9 46.3
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 2.397 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

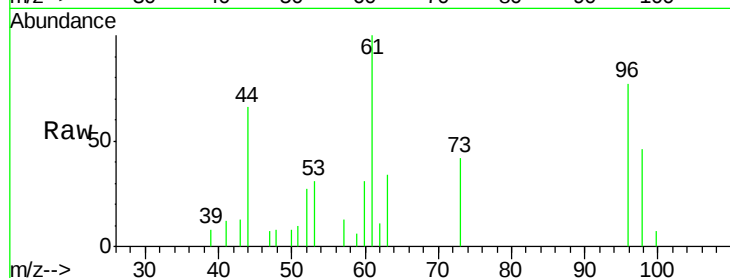
Tot Ion: 96 Resp: 2185

Ion Ratio Lower Upper

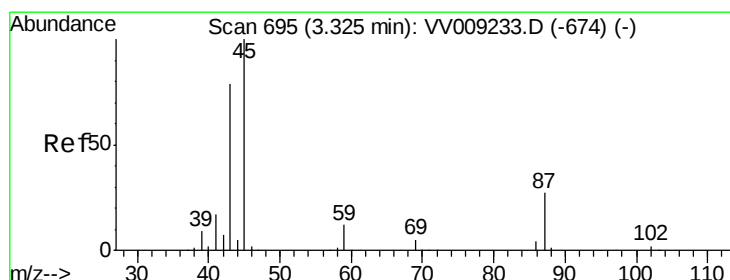
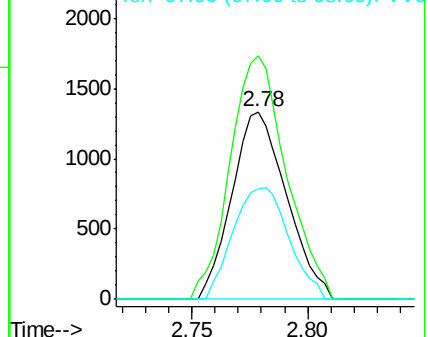
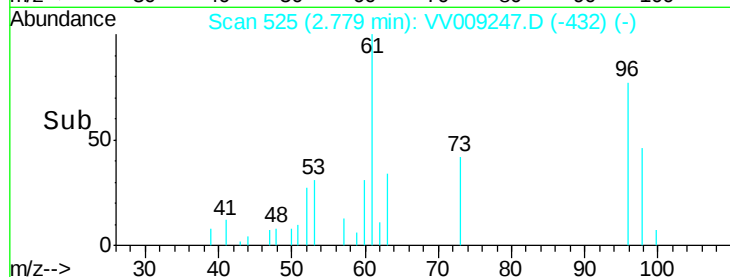
96 100

61 129.9 117.7 176.5

98 59.3 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV009247.D (-432) (-)



#22

Diisopropyl ether

Concen: 2.425 ug/l

RT: 3.33 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt Ion: 45 Resp: 7528

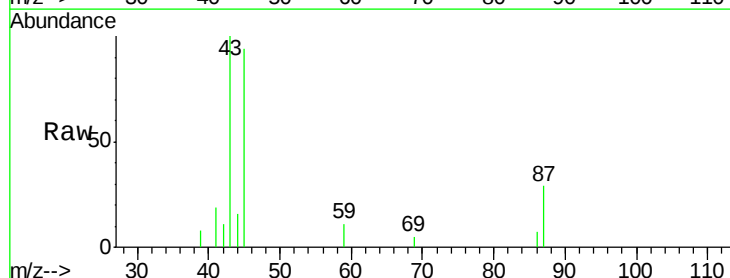
Ion Ratio Lower Upper

45 100

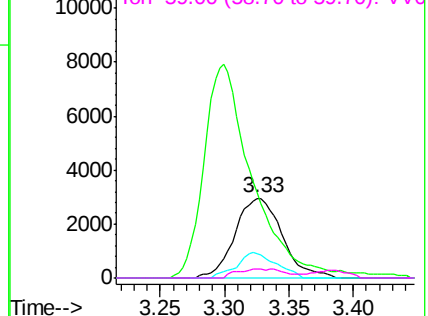
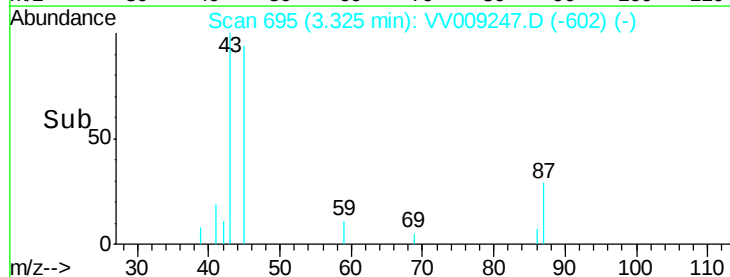
43 98.0 63.0 94.4#

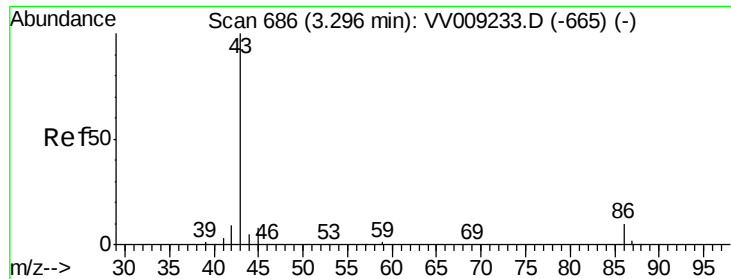
87 31.3 21.5 32.3

59 11.9 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VV009247.D (-602) (-)





#23

Vinyl Acetate

Concen: 12.122 ug/l

RT: 3.30 min Scan# 687

Delta R.T. 0.00 min

Lab File: VV009247.D

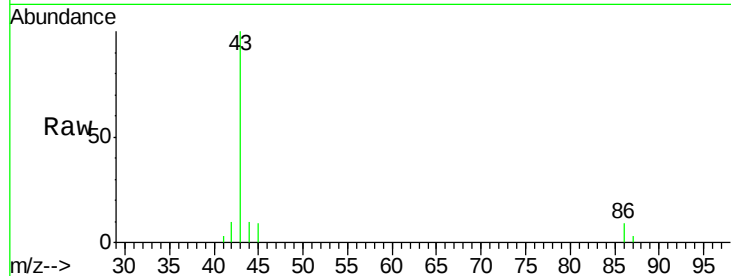
Acq: 23 Jan 2019 14:39

Tot Ion: 43 Resp: 20420

Ion Ratio Lower Upper

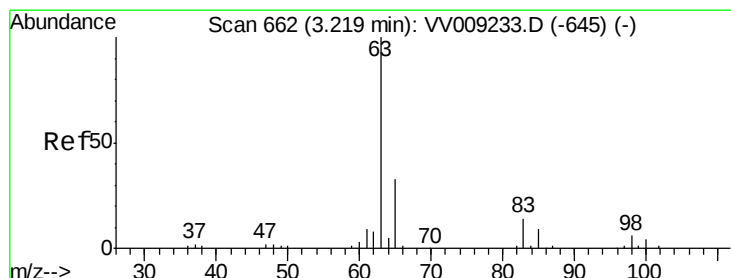
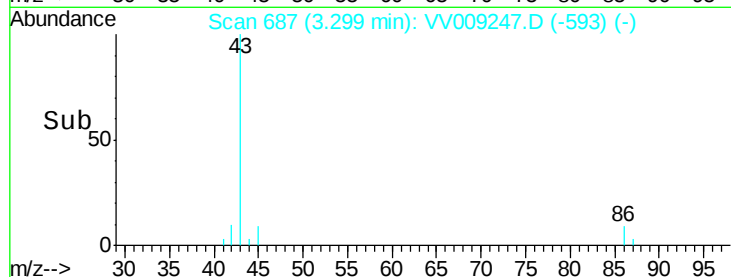
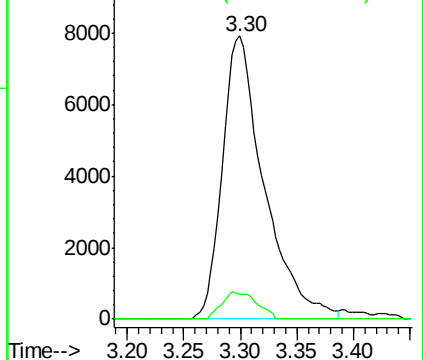
43 100

86 8.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-665) (-)

Ion 86.00 (85.70 to 86.70): VV009233.D (-665) (-)



#24

1,1-Dichloroethane

Concen: 2.363 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

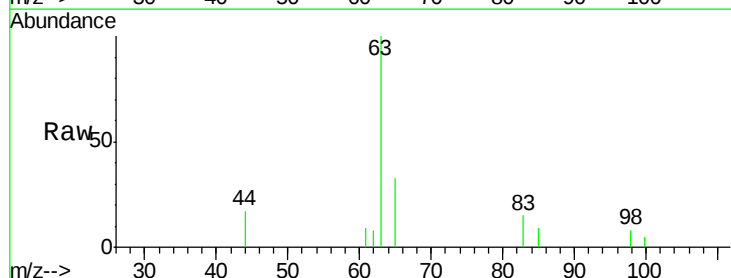
Tgt Ion: 63 Resp: 4565

Ion Ratio Lower Upper

63 100

98 8.1 3.3 9.8

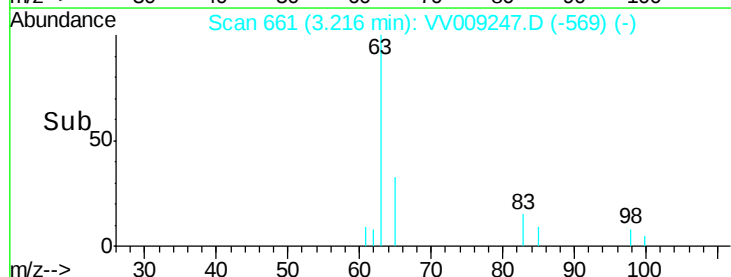
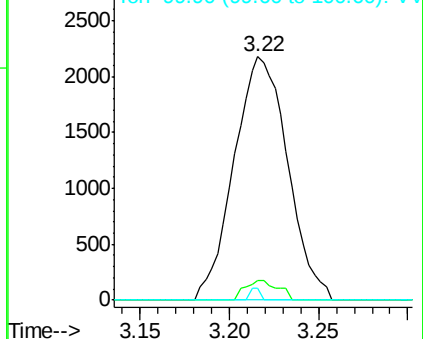
100 4.9 2.2 6.6

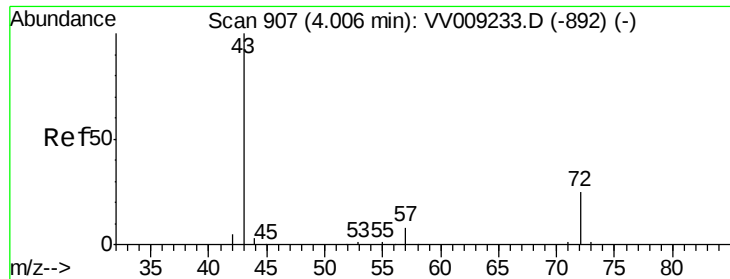


Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-645) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-645) (-)

Ion 99.90 (99.60 to 100.60): VV009233.D (-645) (-)





#25

2-Butanone

Concen: 13.352 ug/l

RT: 4.02 min Scan# 912

Delta R.T. 0.02 min

Lab File: VV009247.D

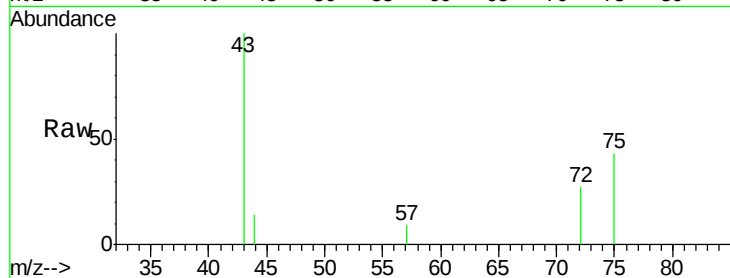
Acq: 23 Jan 2019 14:39

Tot Ion: 43 Resp: 4035

Ion Ratio Lower Upper

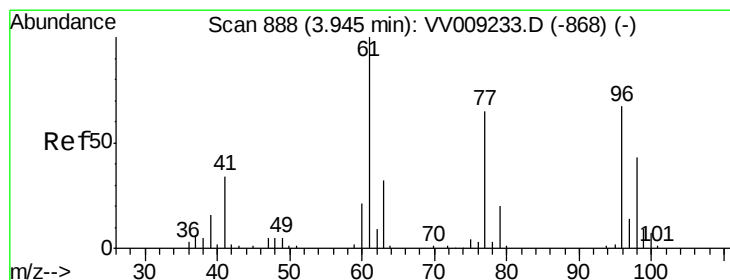
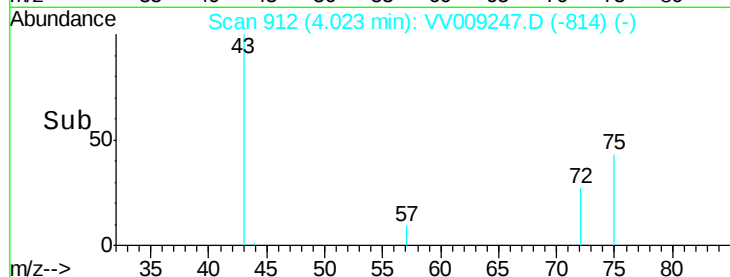
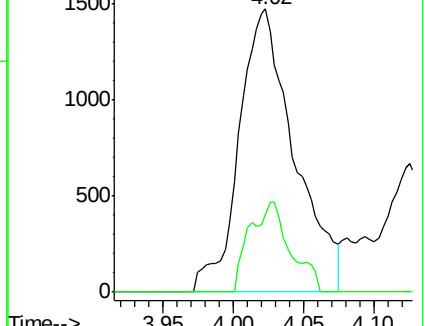
43 100

72 27.4 20.2 30.4



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

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



#26

2,2-Dichloropropane

Concen: 2.193 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009247.D

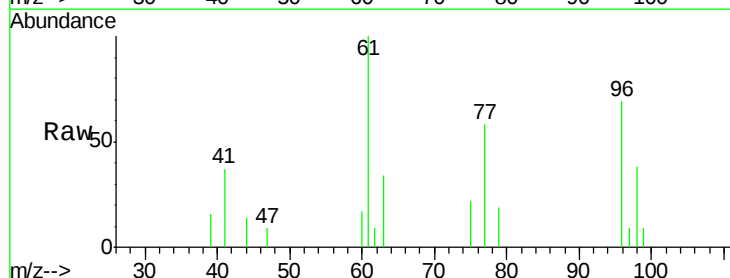
Acq: 23 Jan 2019 14:39

Tgt Ion: 77 Resp: 2384

Ion Ratio Lower Upper

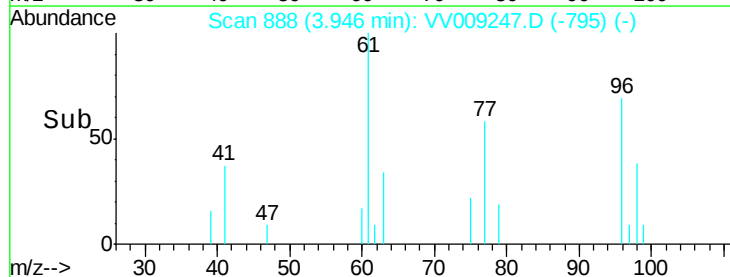
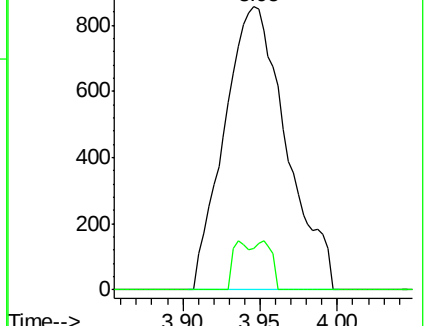
77 100

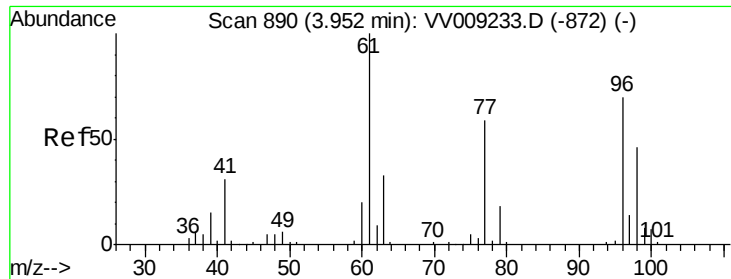
97 4.3 10.9 32.6#



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

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

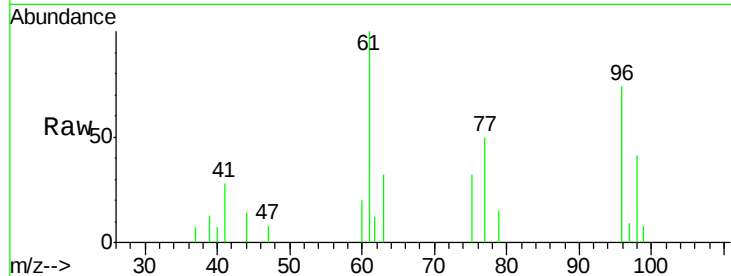




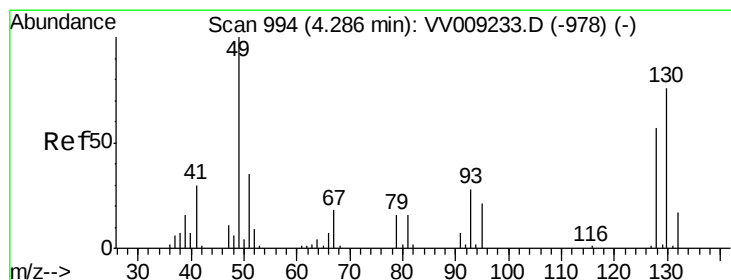
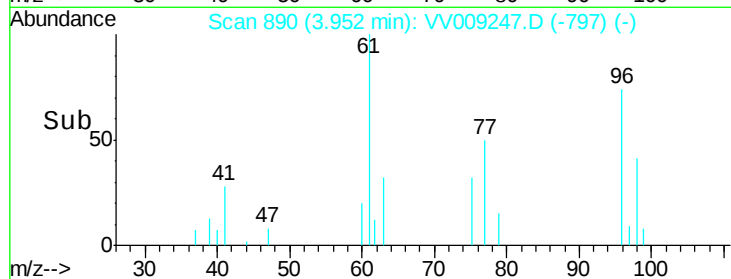
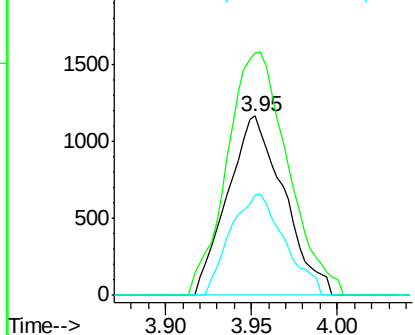
#27

cis-1,2-Dichloroethene
Concen: 2.412 ug/l
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	296.4
98	54.2	0.0	130.0



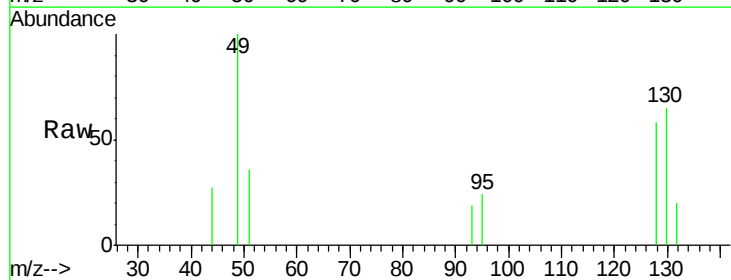
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



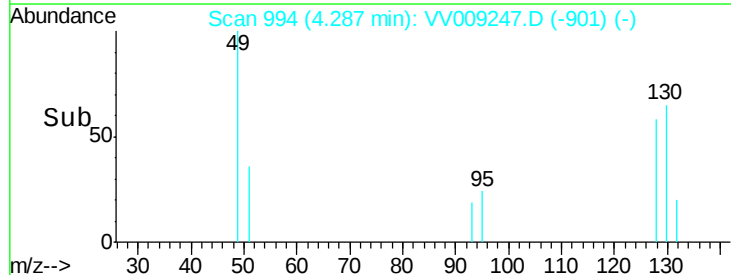
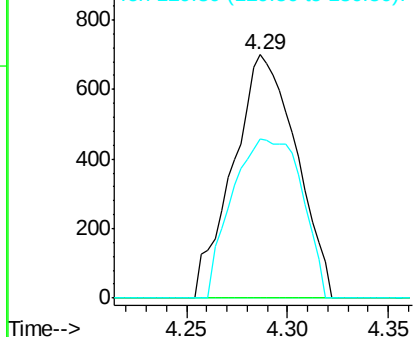
#28

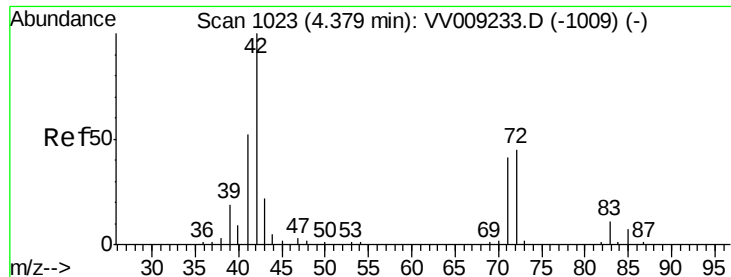
Bromochloromethane
Concen: 2.142 ug/l
RT: 4.29 min Scan# 994
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	72.2	60.2	90.4



Abundance Ion 48.90 (48.60 to 49.60): VV0
Ion 128.80 (128.50 to 129.50): VV0
Ion 129.80 (129.50 to 130.50): VV0





#29

Tetrahydrofuran

Concen: 14.627 ug/l

RT: 4.39 min Scan# 1026

Delta R.T. 0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

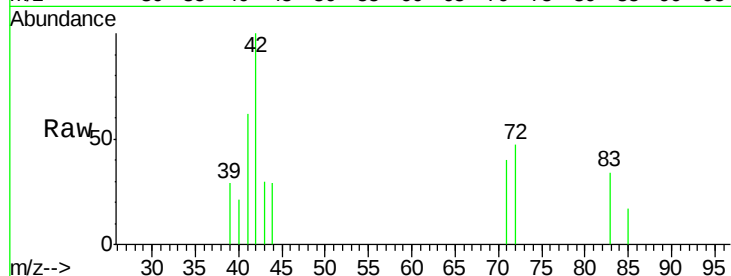
Tot Ion: 42 Resp: 2404

Ion Ratio Lower Upper

42 100

72 39.0 37.7 56.5

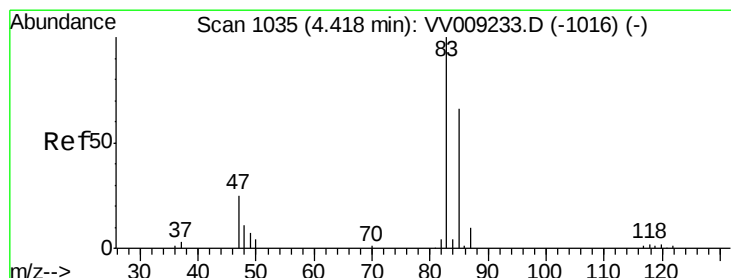
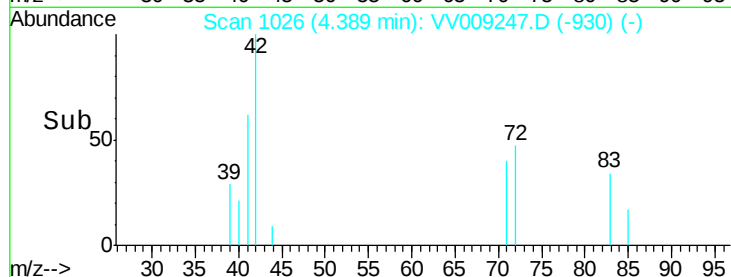
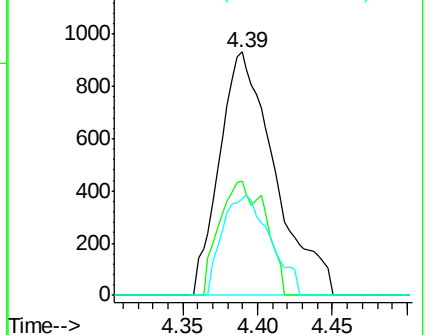
71 35.4 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

Ion 71.00 (70.70 to 71.70): VV0



#30

Chloroform

Concen: 2.276 ug/l

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV009247.D

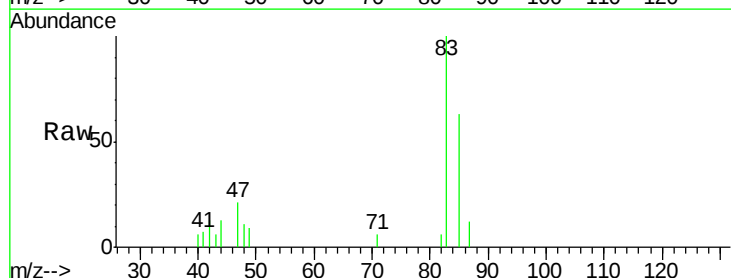
Acq: 23 Jan 2019 14:39

Tgt Ion: 83 Resp: 4415

Ion Ratio Lower Upper

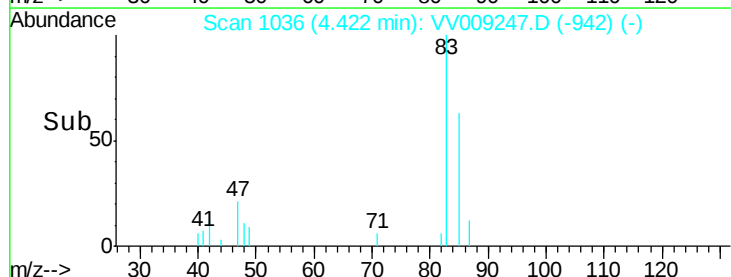
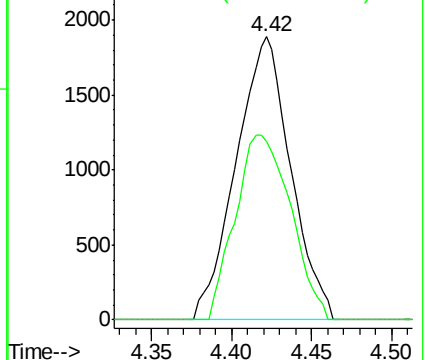
83 100

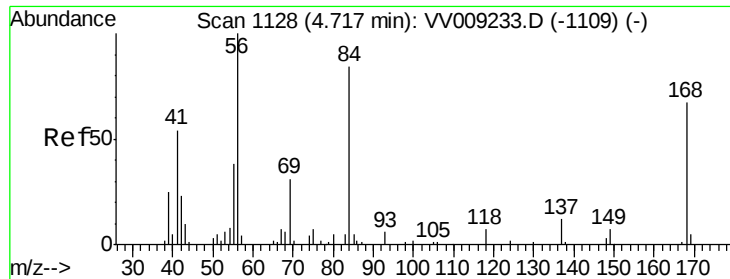
85 63.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VV0

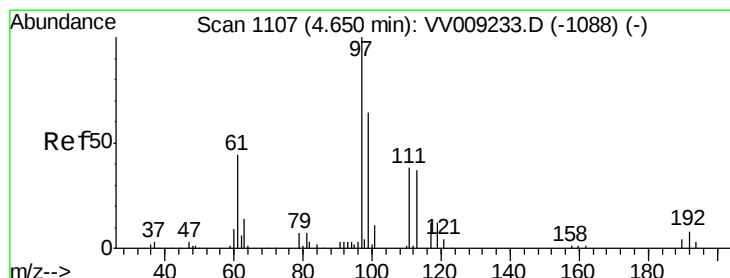
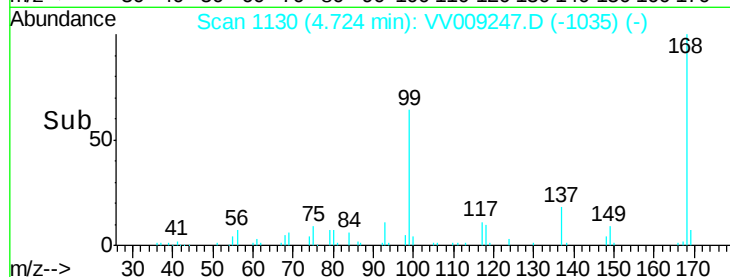
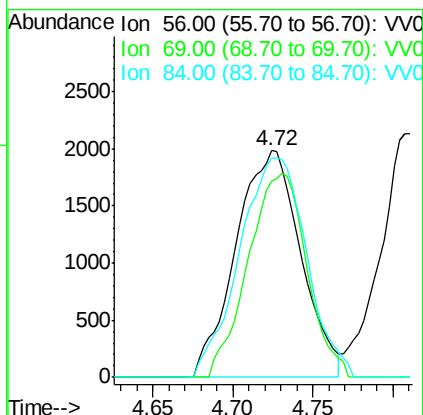
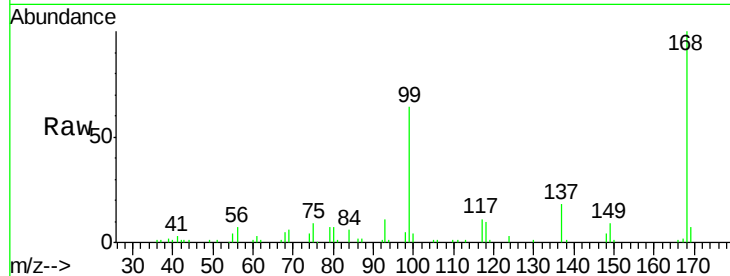
Ion 84.90 (84.60 to 85.60): VV0





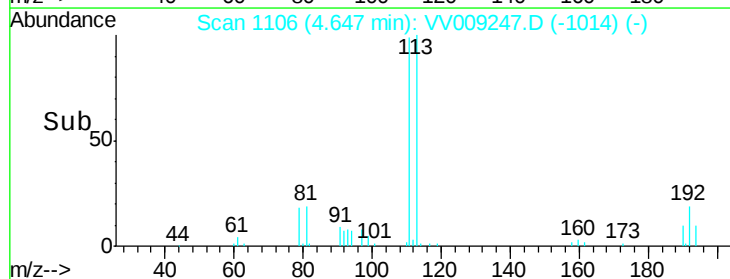
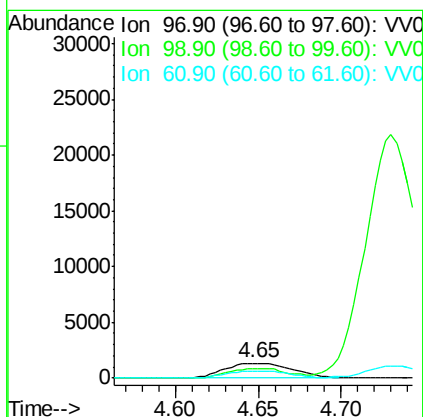
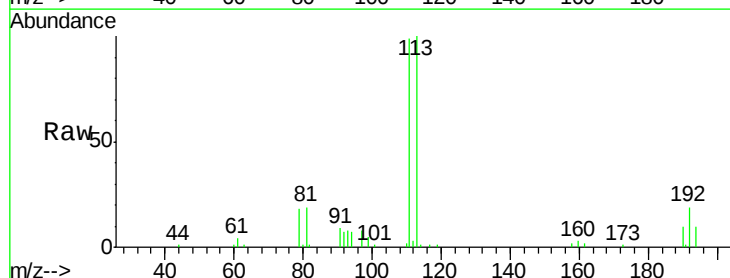
#31
Cyclohexane
Concen: 3.137 ug/l
RT: 4.72 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

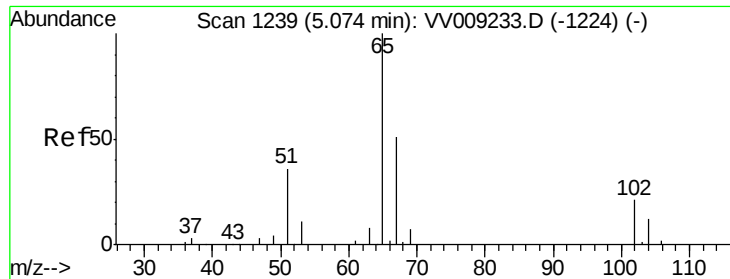
Tot Ion: 56 Resp: 5532
Ion Ratio Lower Upper
56 100
69 86.5 25.1 37.7#
84 96.8 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 2.272 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 97 Resp: 3714
Ion Ratio Lower Upper
97 100
99 58.8 50.2 75.2
61 44.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.773 ug/l

RT: 5.08 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV009247.D

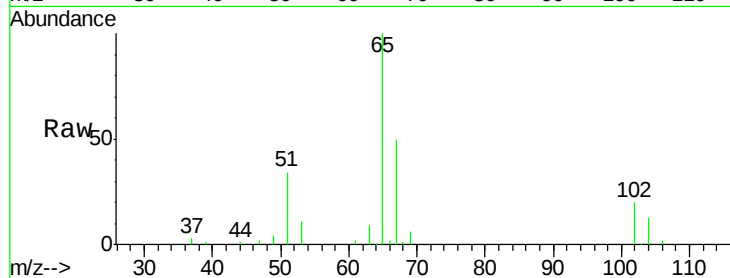
Acq: 23 Jan 2019 14:39

Tot Ion: 65 Resp: 54323

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VV009233.D (-1224) (-)

Ion 66.90 (66.60 to 67.60): VV009233.D (-1224) (-)

5.08

25000

20000

15000

10000

5000

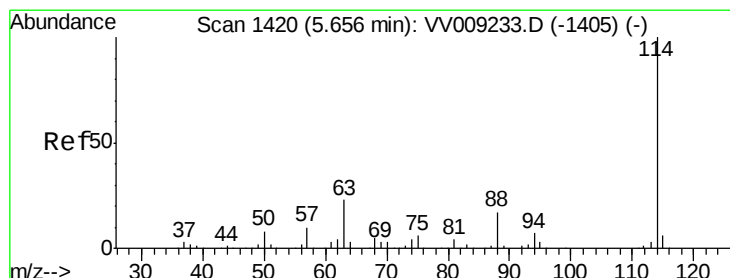
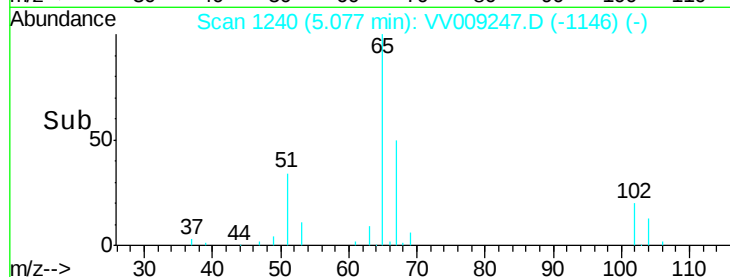
0

Time-->

5.00

5.10

5.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

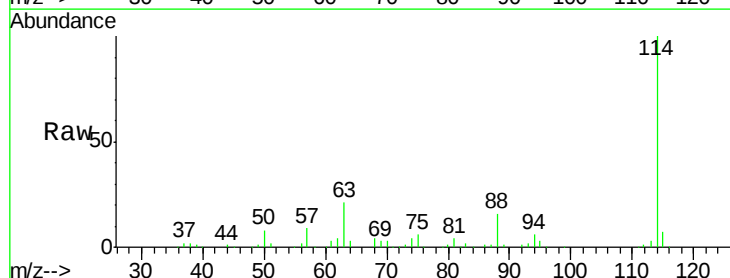
Tgt Ion: 114 Resp: 138264

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.2

88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VV009233.D (-1405) (-)

Ion 63.00 (62.70 to 63.70): VV009233.D (-1405) (-)

Ion 87.90 (87.60 to 88.60): VV009233.D (-1405) (-)

5.66

80000

60000

40000

20000

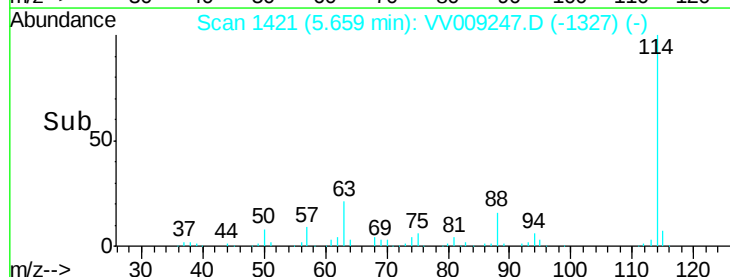
0

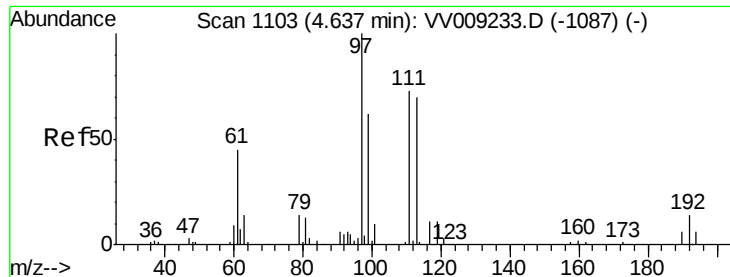
Time-->

5.60

5.70

5.80





#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

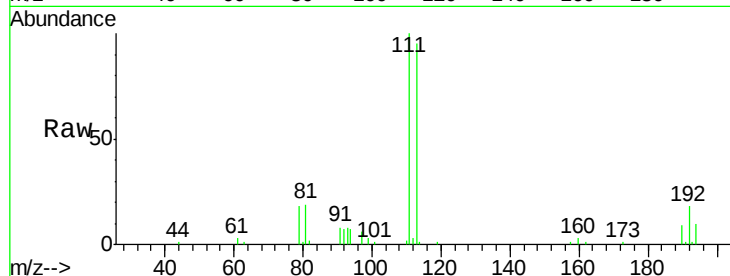
Tot Ion:113 Resp: 46088

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

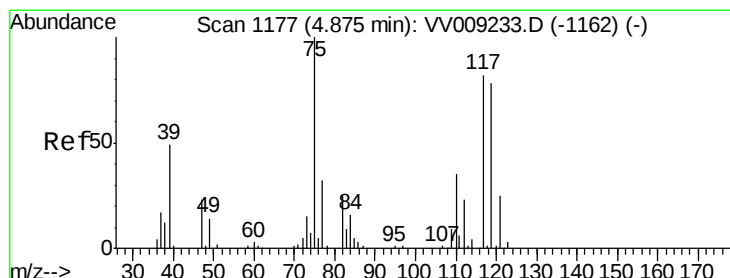
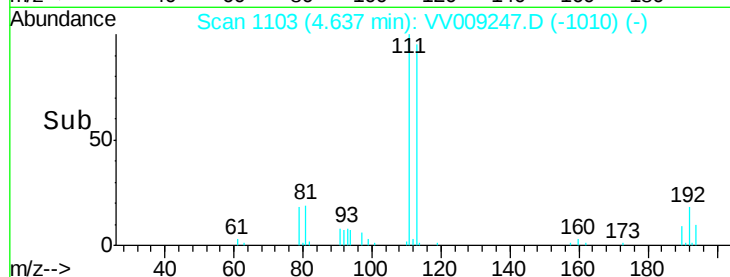
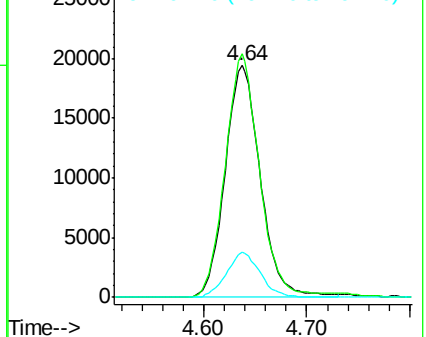
192 18.4 15.0 22.6



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: 2.309 ug/l

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

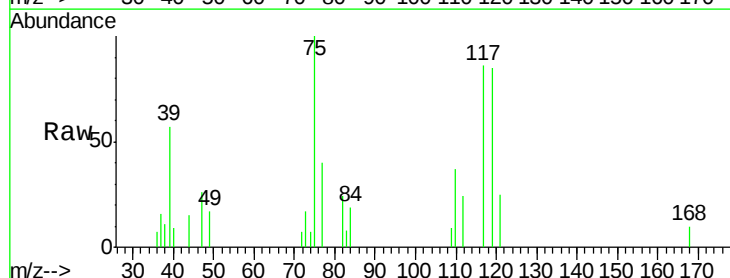
Tgt Ion: 75 Resp: 3545

Ion Ratio Lower Upper

75 100

110 31.6 17.5 52.5

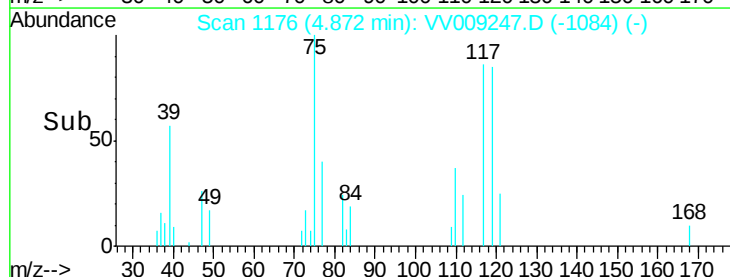
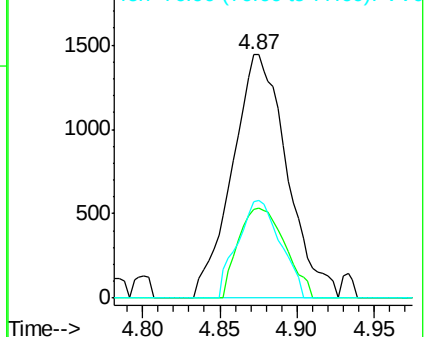
77 31.2 25.5 38.3

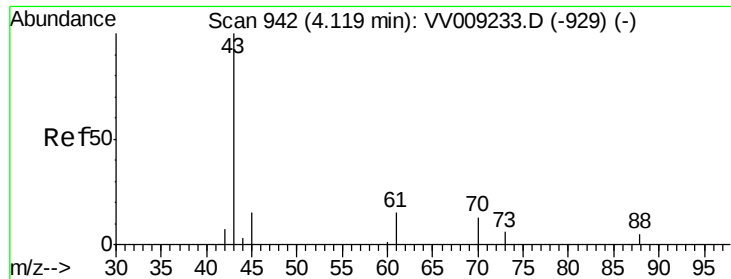


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

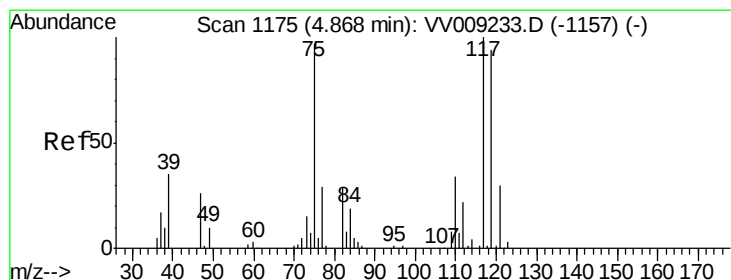
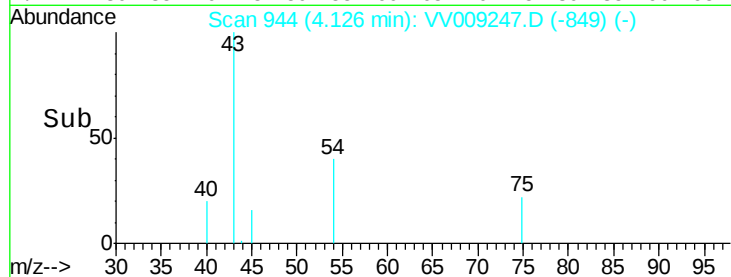
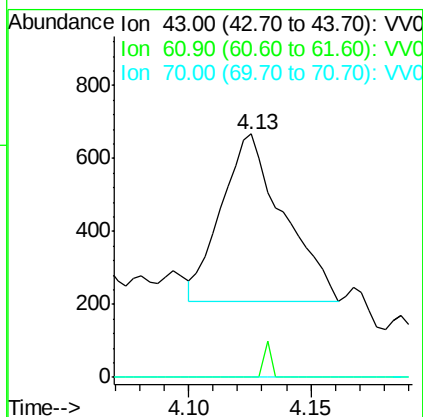
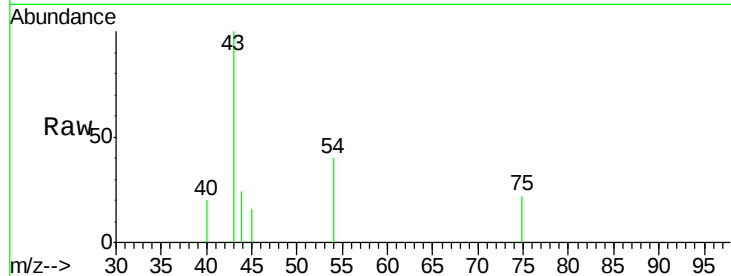
Ion 76.90 (76.60 to 77.60): VV0





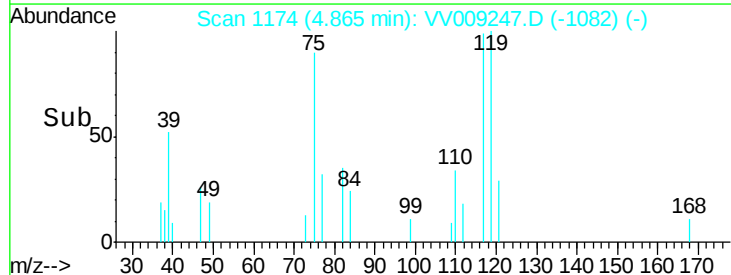
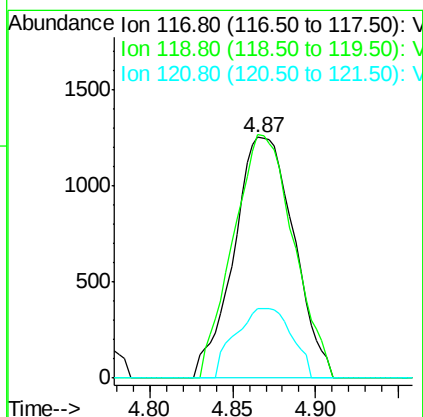
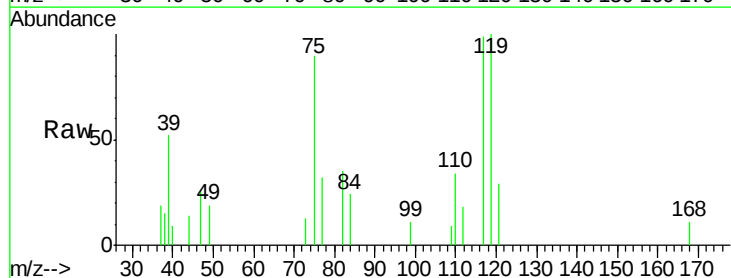
#37
Ethyl Acetate
Concen: 1.375 ug/l
RT: 4.13 min Scan# 944
Delta R.T. 0.01 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

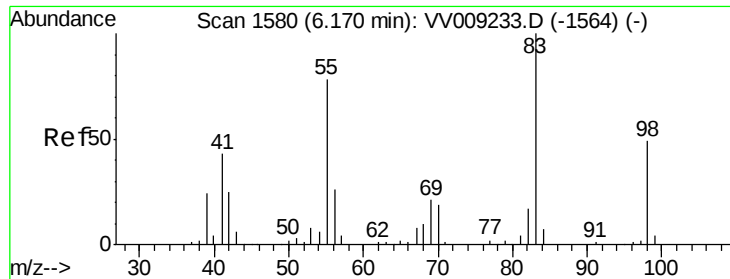
Tot Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 2.045 ug/l
RT: 4.87 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 117 Resp: 3143
Ion Ratio Lower Upper
117 100
119 101.2 75.4 113.2
121 28.9 24.2 36.2





#39

Methvlcvclohexane

Concen: 2.142 ug/l

RT: 6.17 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

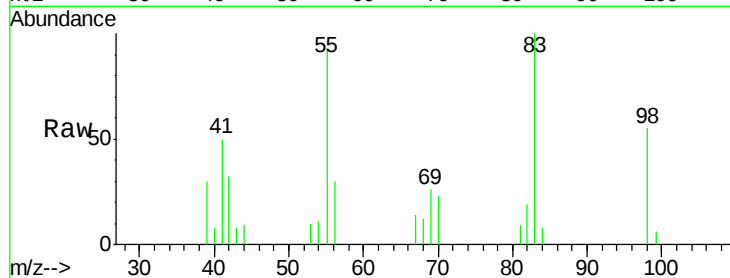
Tot Ion: 83 Resp: 3893

Ion Ratio Lower Upper

83 100

55 92.7 62.8 94.2

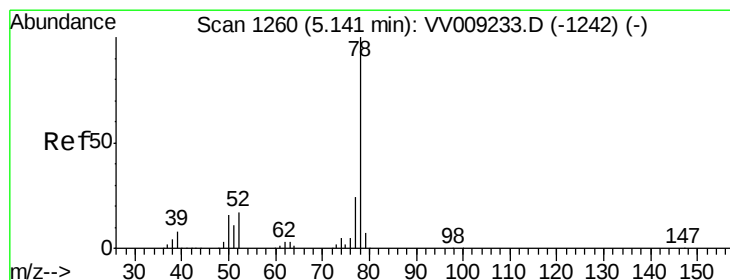
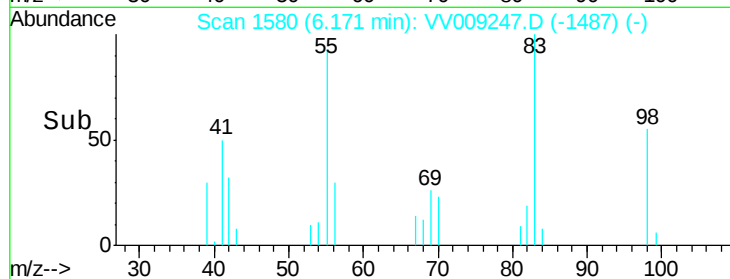
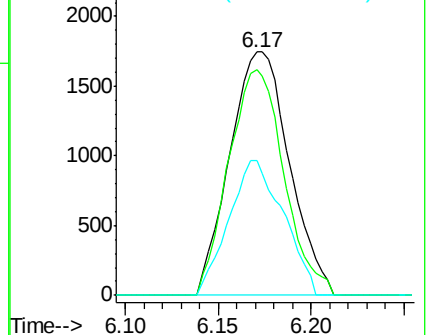
98 55.3 39.1 58.7



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

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

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



#40

Benzene

Concen: 2.328 ug/l

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV009247.D

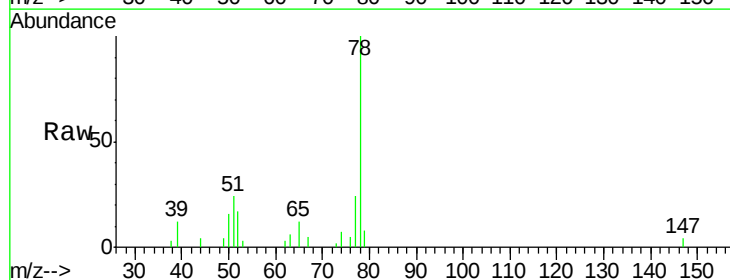
Acq: 23 Jan 2019 14:39

Tgt Ion: 78 Resp: 9995

Ion Ratio Lower Upper

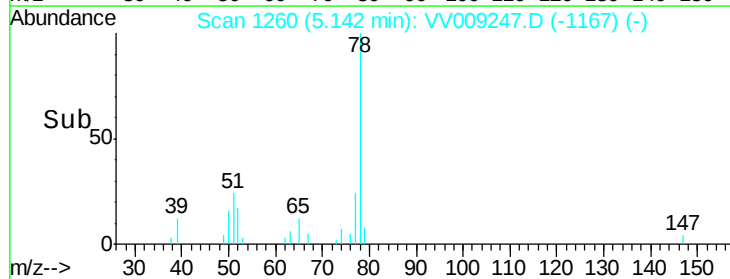
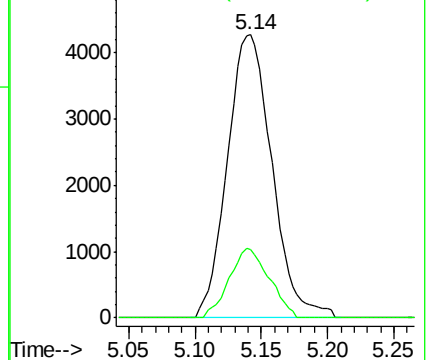
78 100

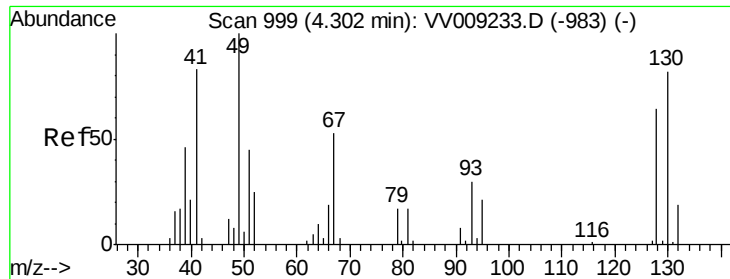
77 24.1 19.4 29.2



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

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





#41

Methacrylonitrile

Concen: 2.163 ug/l

RT: 4.32 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tot Ion: 41 Resp: 769

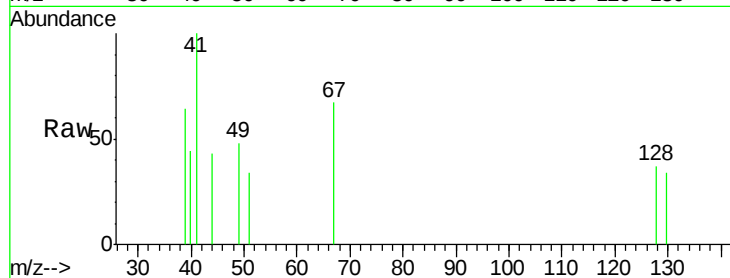
Ion Ratio Lower Upper

41 100

39 52.9 45.4 68.0

67 55.3 55.5 83.3#

52 12.2 25.2 37.8#

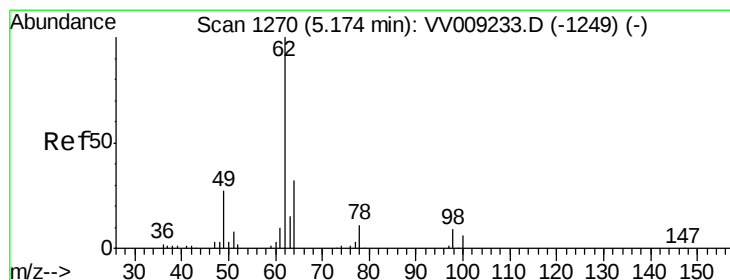
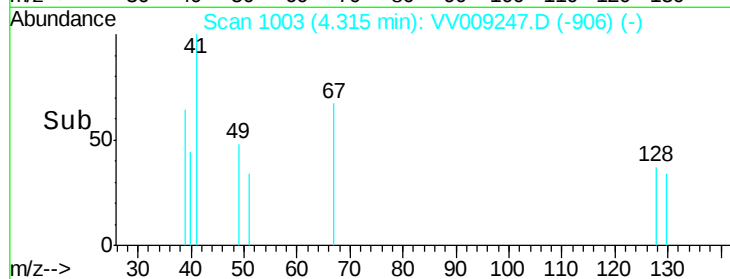
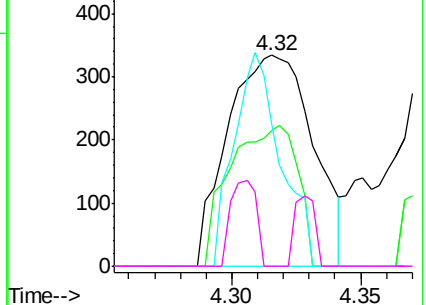


Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-983) (-)

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) (-)



#42

1,2-Dichloroethane

Concen: 2.530 ug/l

RT: 5.17 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VV009247.D

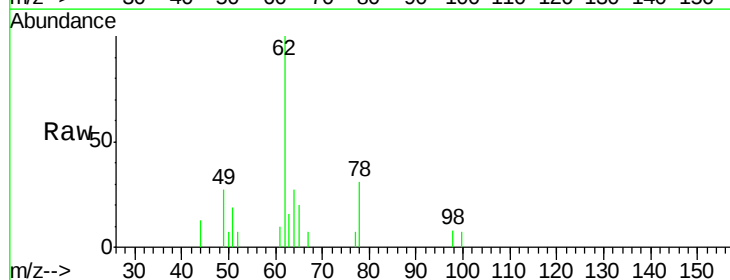
Acq: 23 Jan 2019 14:39

Tgt Ion: 62 Resp: 3400

Ion Ratio Lower Upper

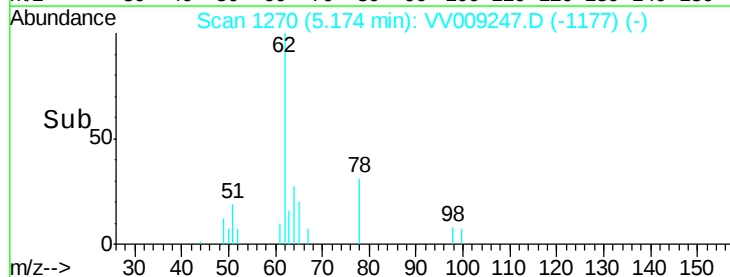
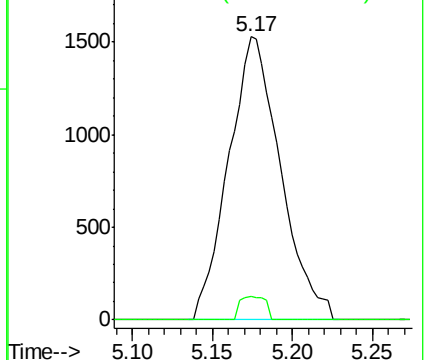
62 100

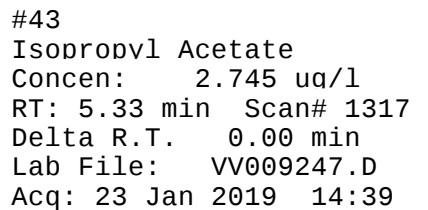
98 4.0 0.0 16.4



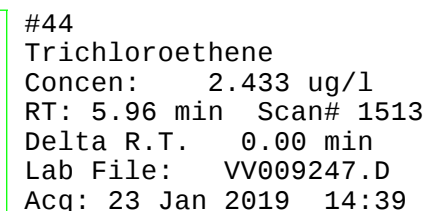
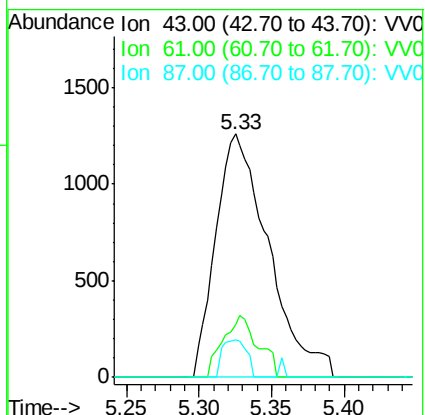
Abundance Ion 61.90 (61.60 to 62.60): VV009233.D (-1249) (-)

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

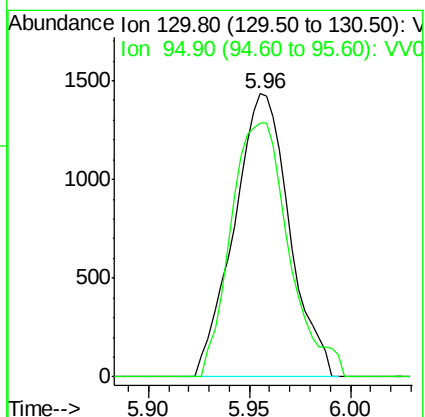


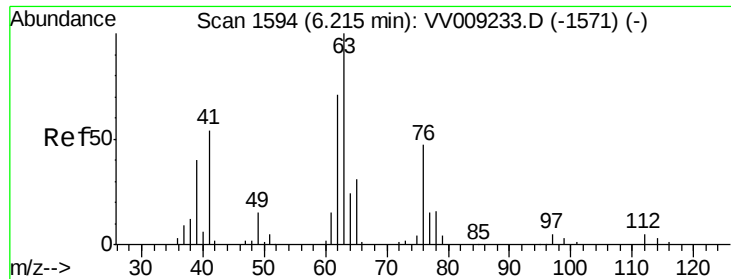


Tot	Ion: 43	Resp:	3185
Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.4	23.0
87	7.1	9.9	14.9#



Tgt	Ion:130	Resp:	2749
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	208.2





#45

1,2-Dichloropropane

Concen: 2.301 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV009247.D

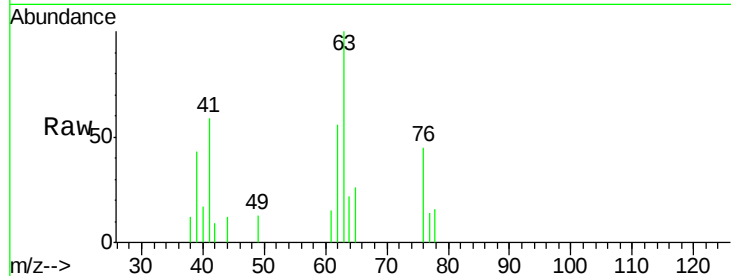
Acq: 23 Jan 2019 14:39

Tot Ion: 63 Resp: 2376

Ion Ratio Lower Upper

63 100

65 26.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VV009247.D (-1501) (-)

Ion 64.90 (64.60 to 65.60): VV009247.D (-1501) (-)

6.22

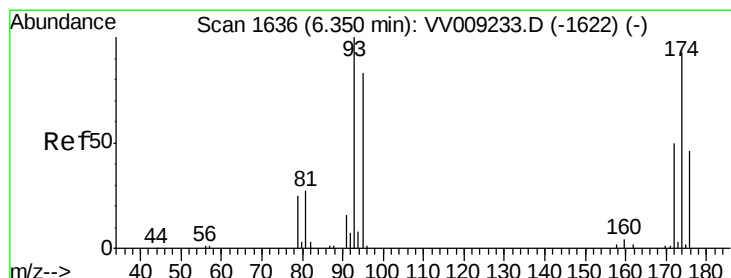
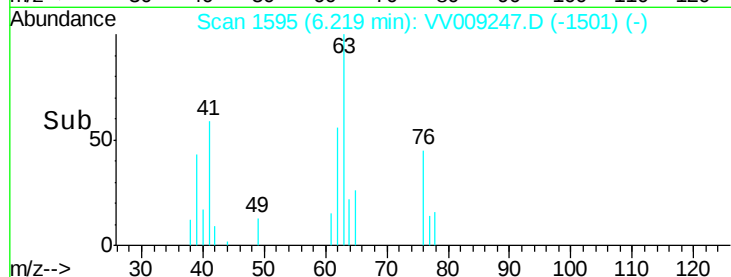
1500

1000

500

0

Time--> 6.15 6.20 6.25



#46

Dibromomethane

Concen: 2.297 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

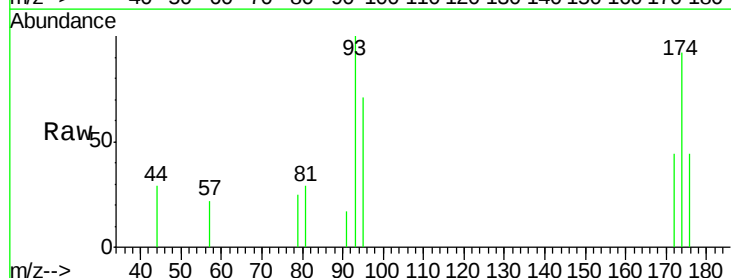
Tgt Ion: 93 Resp: 1217

Ion Ratio Lower Upper

93 100

95 84.1 64.6 97.0

174 105.7 74.0 111.0



Abundance Ion 92.80 (92.50 to 93.50): VV009247.D (-1543) (-)

Ion 94.80 (94.50 to 95.50): VV009247.D (-1543) (-)

Ion 173.70 (173.40 to 174.40): VV009247.D (-1543) (-)

6.35

800

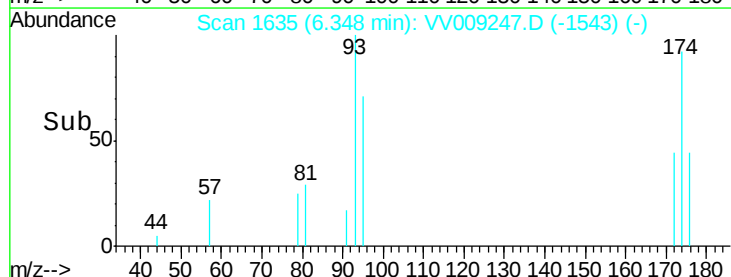
600

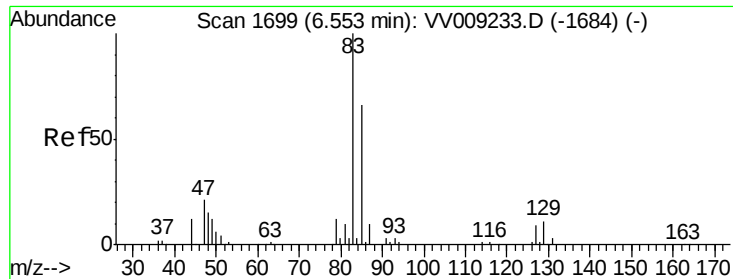
400

200

0

Time--> 6.30 6.35 6.40





#47

Bromodichloromethane

Concen: 2.194 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

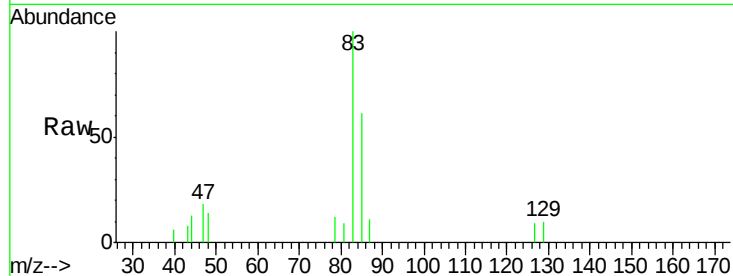
Tot Ion: 83 Resp: 3072

Ion Ratio Lower Upper

83 100

85 60.7 52.6 78.8

127 8.7 7.0 10.6

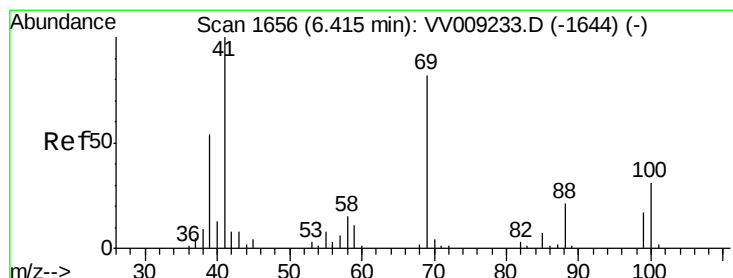
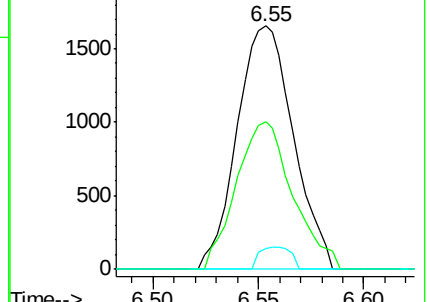
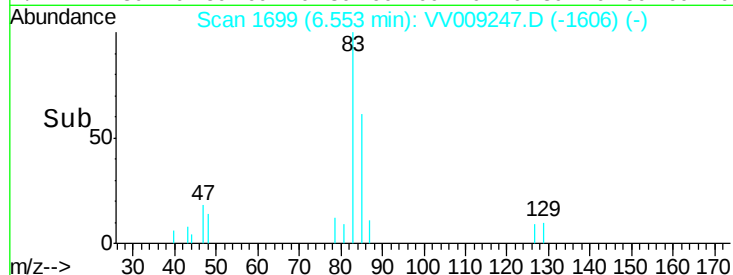


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

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

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

Time-->



#48

Methyl methacrylate

Concen: 2.444 ug/l

RT: 6.42 min Scan# 1658

Delta R.T. 0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

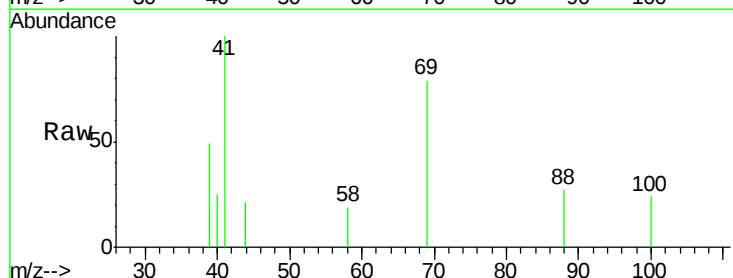
Tgt Ion: 41 Resp: 1447

Ion Ratio Lower Upper

41 100

69 73.8 65.8 98.6

39 48.8 43.4 65.0

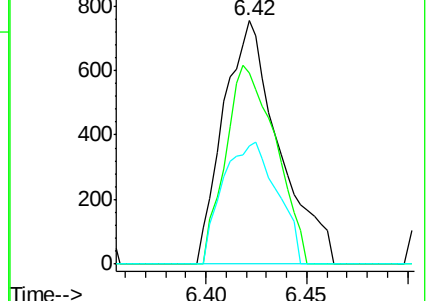
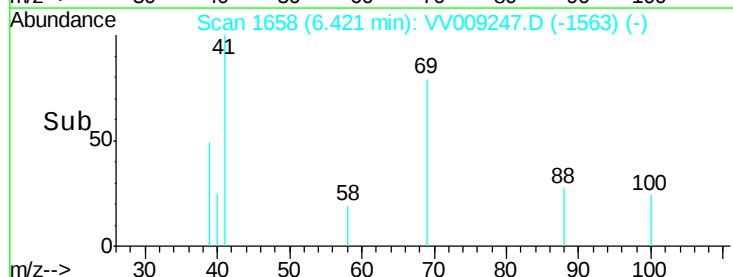


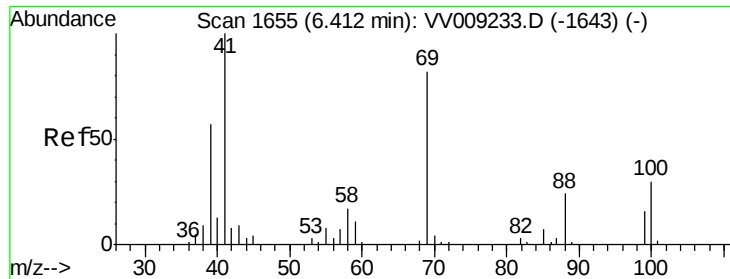
Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

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

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

Time-->





#49

1,4-Dioxane

Concen: 47.405 ug/l

RT: 6.42 min Scan# 1657

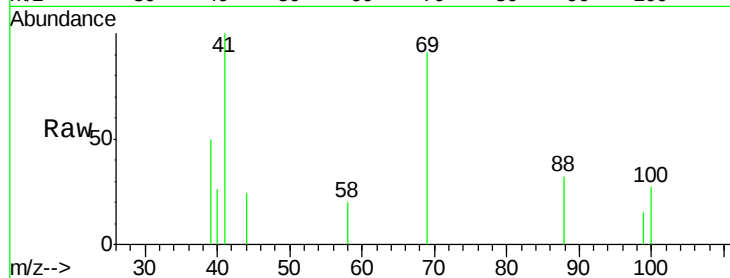
Delta R.T. 0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tot Ion: 88 Resp: 320

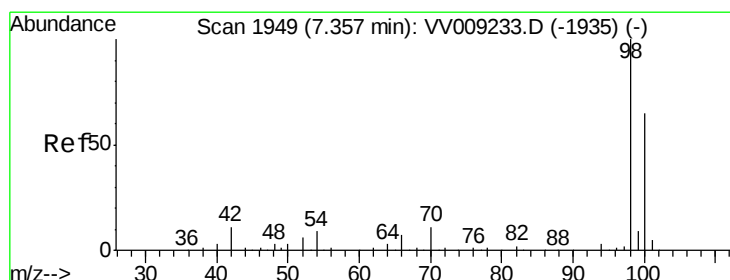
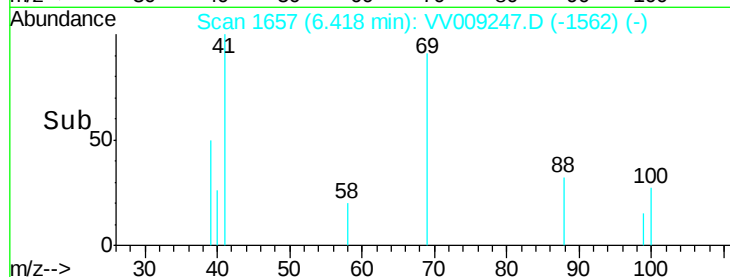
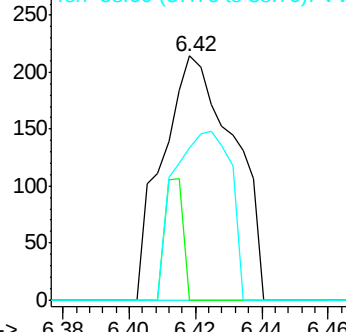
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.9	47.9#
58	55.0	62.0	93.0#



Abundance Ion 88.00 (87.70 to 88.70): VV009247.D (-1657) (-)

Ion 43.00 (42.70 to 43.70): VV009247.D (-1657) (-)

Ion 58.00 (57.70 to 58.70): VV009247.D (-1657) (-)



#50

Toluene-d8

Concen: 49.589 ug/l

RT: 7.36 min Scan# 1949

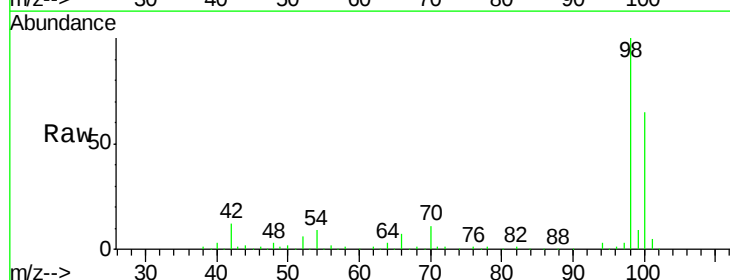
Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

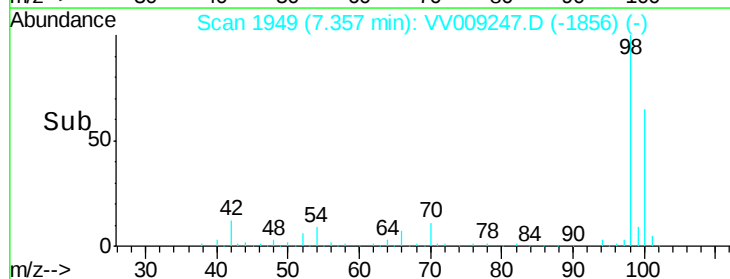
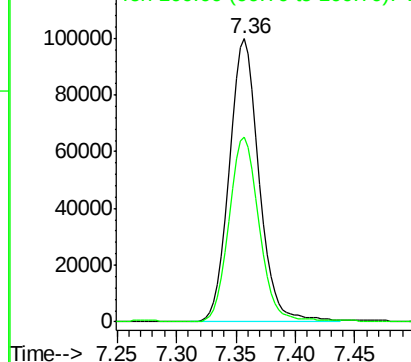
Tgt Ion: 98 Resp: 173645

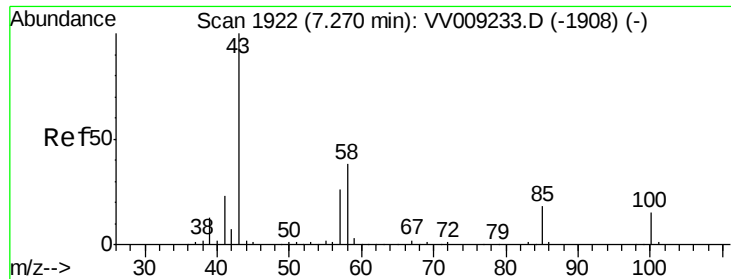
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VV009247.D (-1856) (-)

Ion 100.00 (99.70 to 100.70): VV009247.D (-1856) (-)





#51

4-Methyl-2-Pentanone

Concen: 13.222 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009247.D

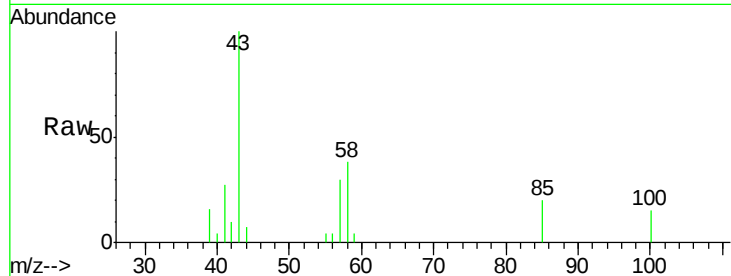
Acq: 23 Jan 2019 14:39

Tot Ion: 43 Resp: 7787

Ion Ratio Lower Upper

43 100

58 36.6 30.4 45.6

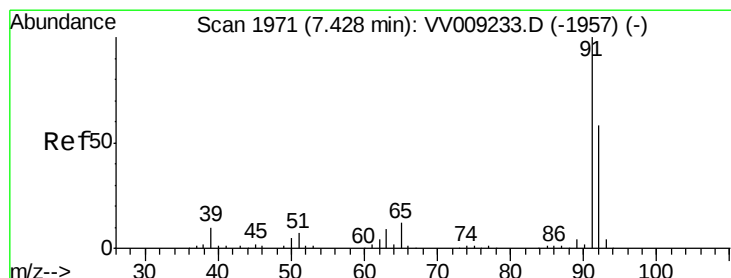
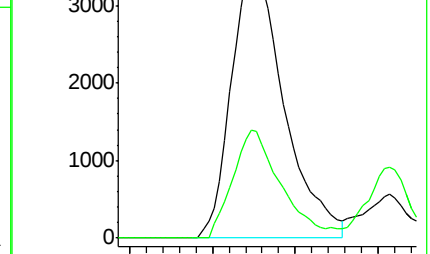
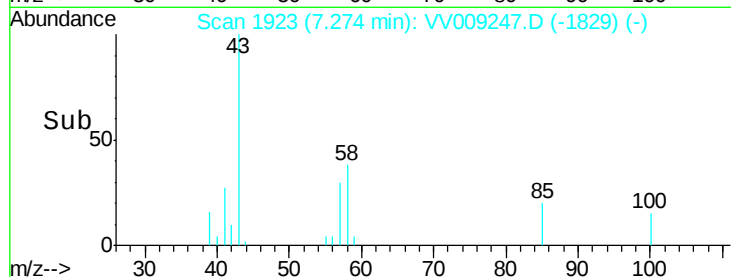


Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

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

7.27

Time-->



#52

Toluene

Concen: 2.250 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009247.D

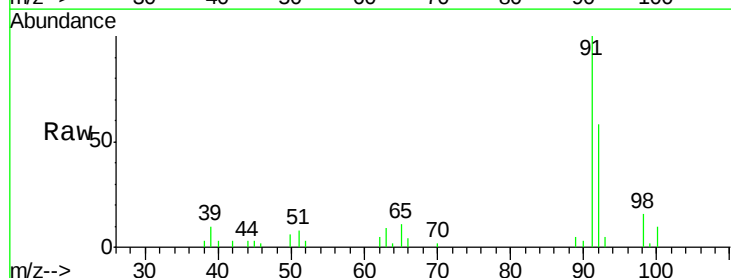
Acq: 23 Jan 2019 14:39

Tgt Ion: 92 Resp: 6110

Ion Ratio Lower Upper

92 100

91 169.8 137.2 205.8

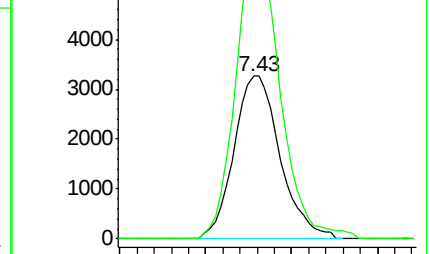
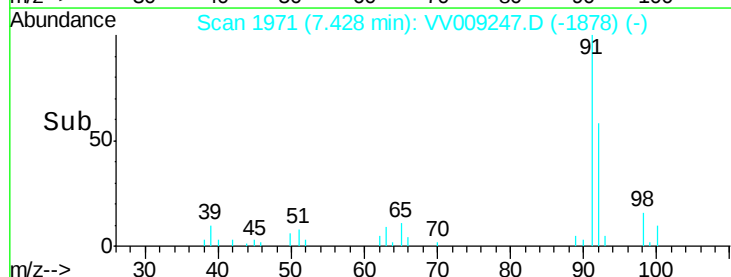


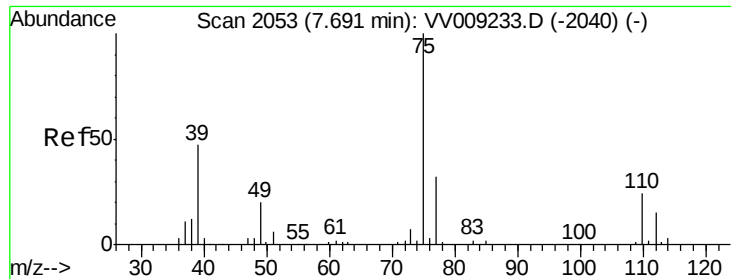
Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

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

7.43

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.019 ug/l

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV009247.D

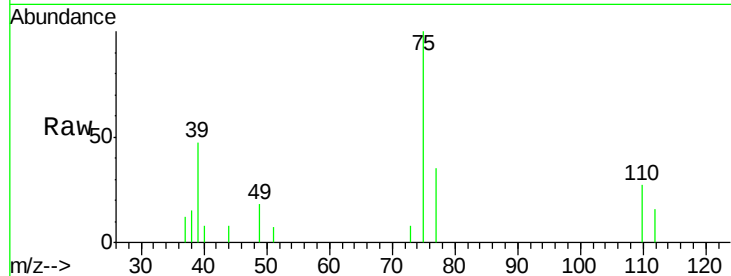
Acq: 23 Jan 2019 14:39

Tot Ion: 75 Resp: 2752

Ion Ratio Lower Upper

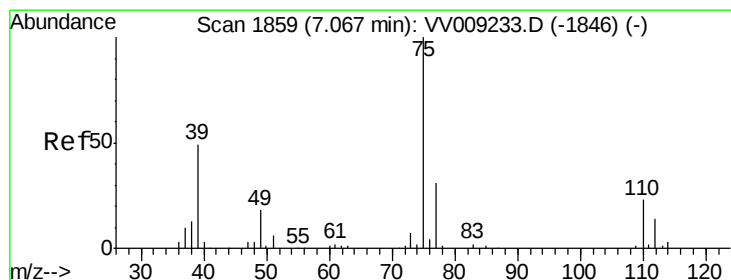
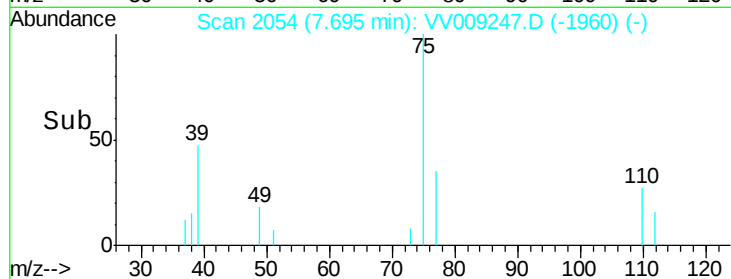
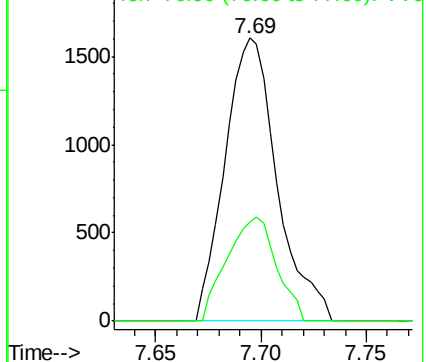
75 100

77 35.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



#54

cis-1,3-Dichloropropene

Concen: 2.129 ug/l

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

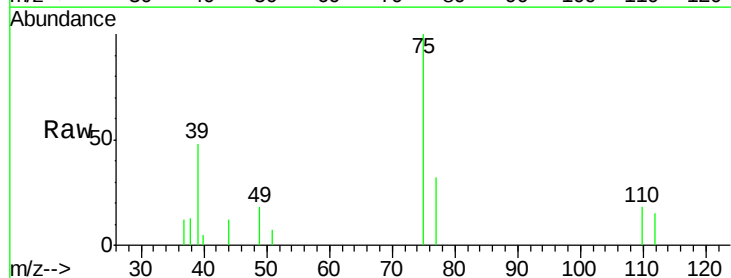
Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

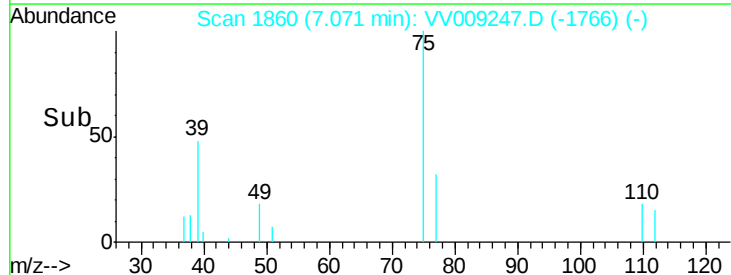
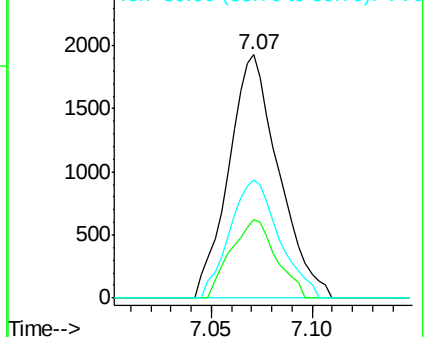
39 48.4 38.8 58.2

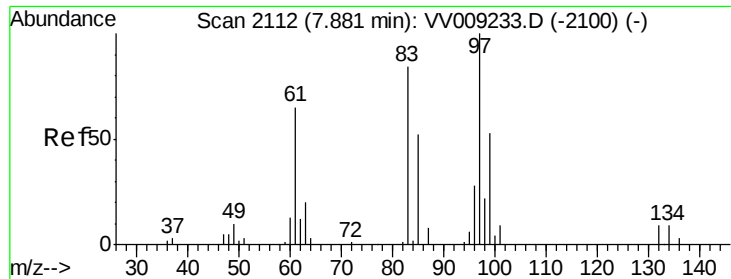


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

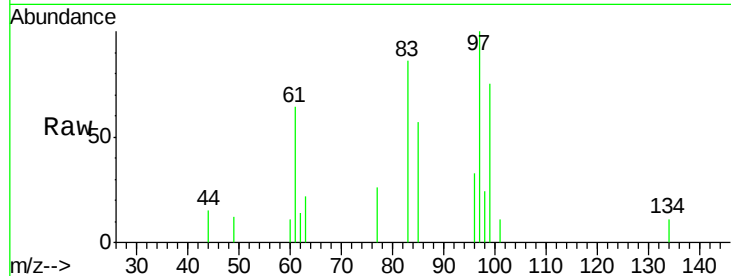
Ion 39.00 (38.70 to 39.70): VV0



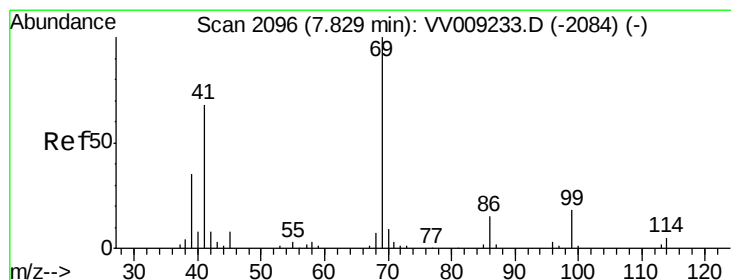
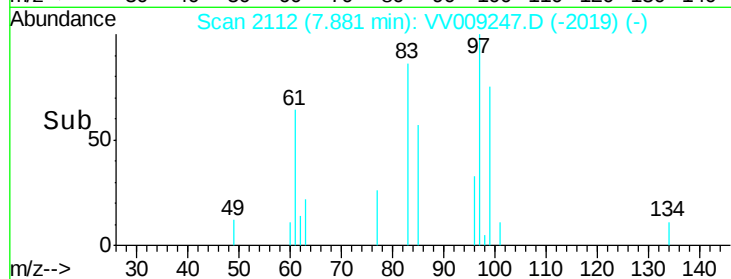
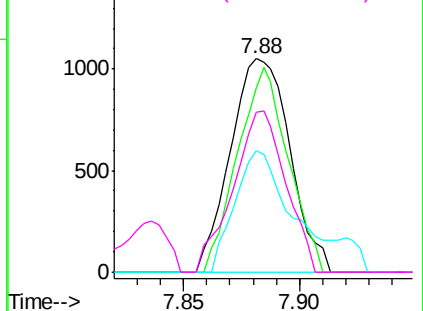


#55
1,1,2-Trichloroethane
Concen: 2.502 ug/l
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion:	97	Resp:	1868
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.0
85	56.9	42.6	64.0
99	75.1	51.1	76.7

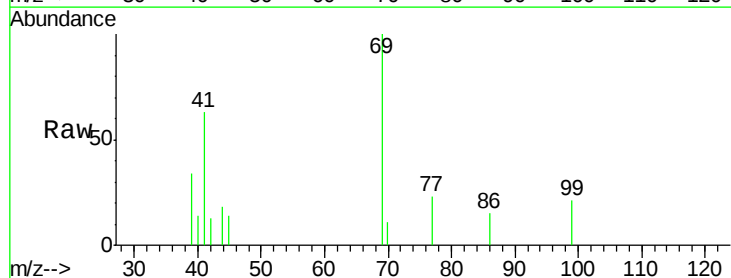


Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 82.90 (82.60 to 83.60): VV0
Ion 84.90 (84.60 to 85.60): VV0
Ion 98.90 (98.60 to 99.60): VV0

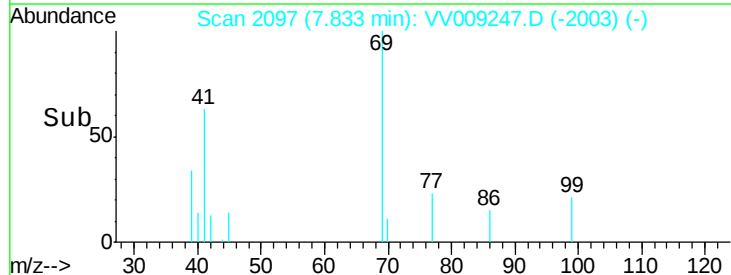
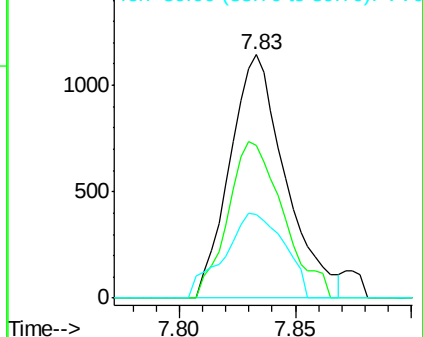


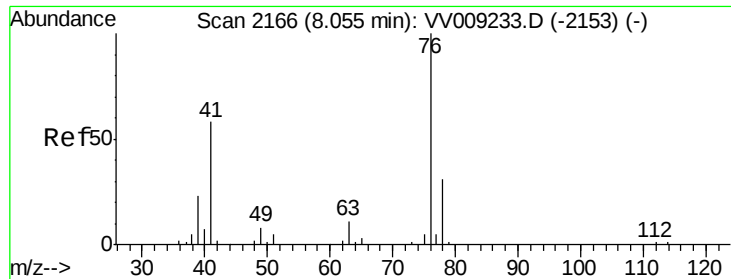
#56
Ethyl methacrylate
Concen: 2.186 ug/l
RT: 7.83 min Scan# 2097
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion:	69	Resp:	1902
Ion	Ratio	Lower	Upper
69	100		
41	63.6	54.0	81.0
39	37.6	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: 2.497 ug/l

RT: 8.06 min Scan# 2167

Delta R.T. 0.00 min

Lab File: VV009247.D

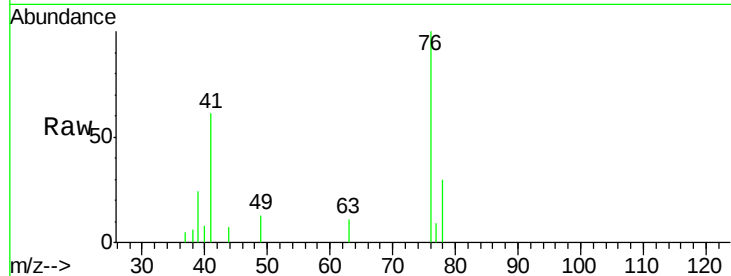
Acq: 23 Jan 2019 14:39

Tot Ion: 76 Resp: 3376

Ion Ratio Lower Upper

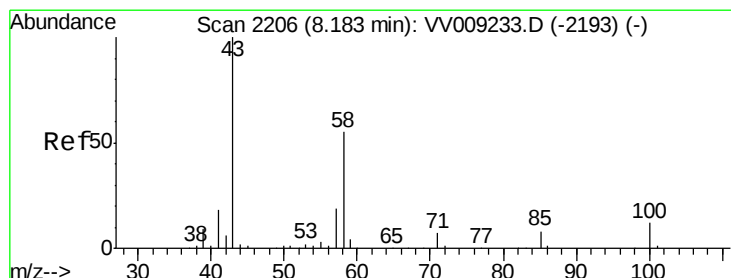
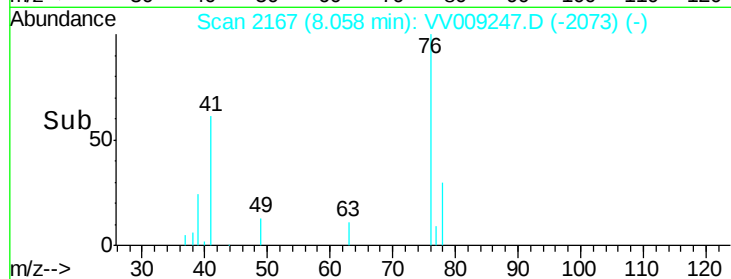
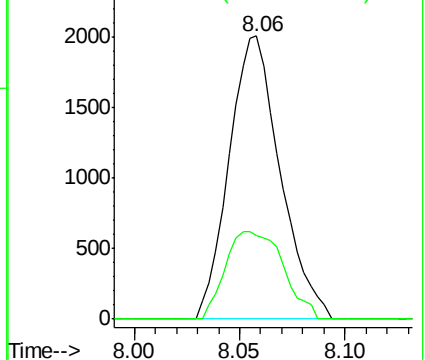
76 100

78 35.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#59

2-Hexanone

Concen: 11.625 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009247.D

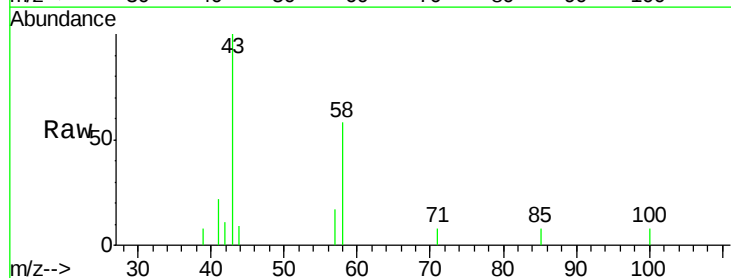
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 4952

Ion Ratio Lower Upper

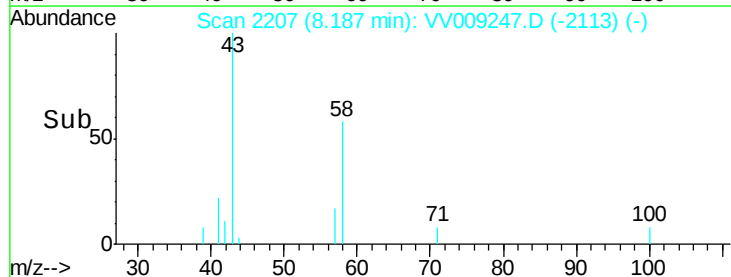
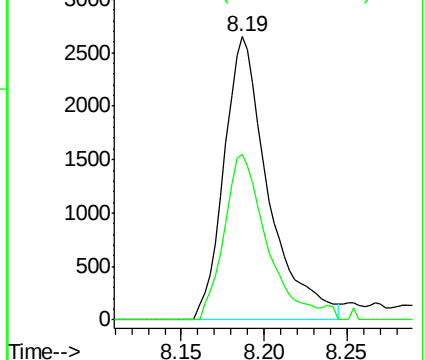
43 100

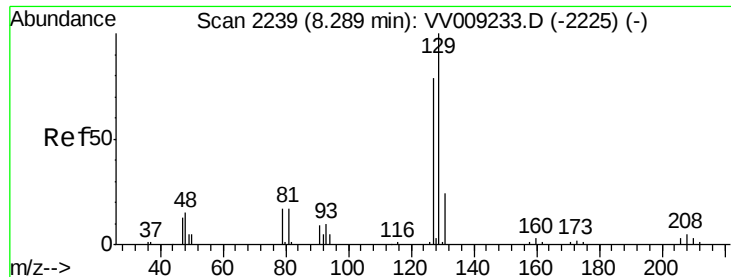
58 55.2 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#60

Dibromochloromethane

Concen: 2.296 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009247.D

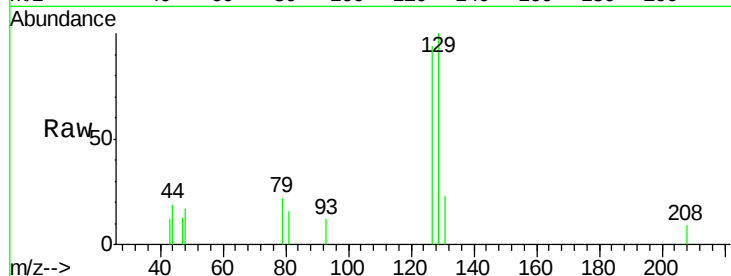
Acq: 23 Jan 2019 14:39

Tot Ion:129 Resp: 2007

Ion Ratio Lower Upper

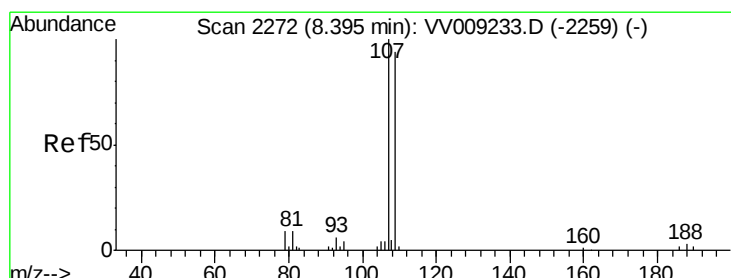
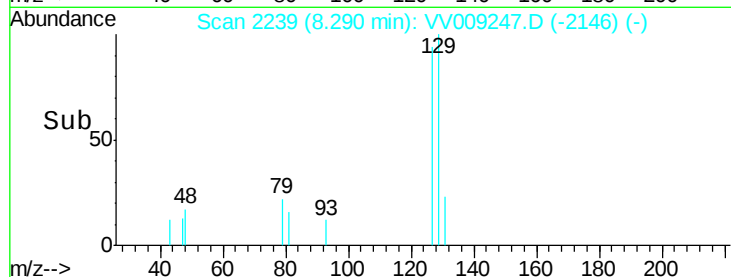
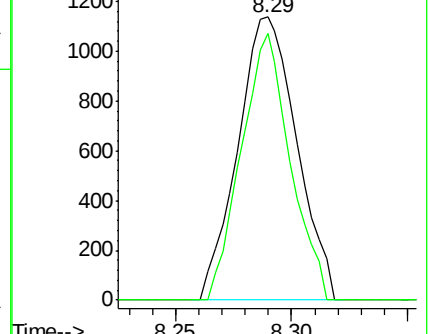
129 100

127 78.2 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: 2.291 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV009247.D

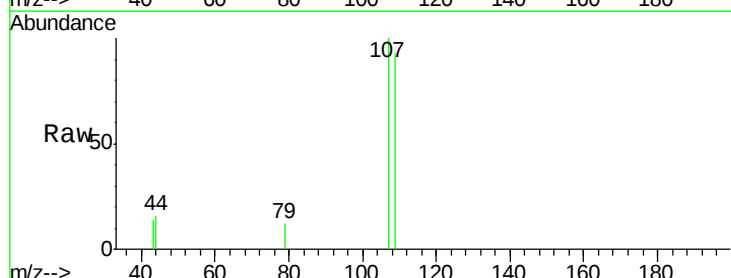
Acq: 23 Jan 2019 14:39

Tgt Ion:107 Resp: 1673

Ion Ratio Lower Upper

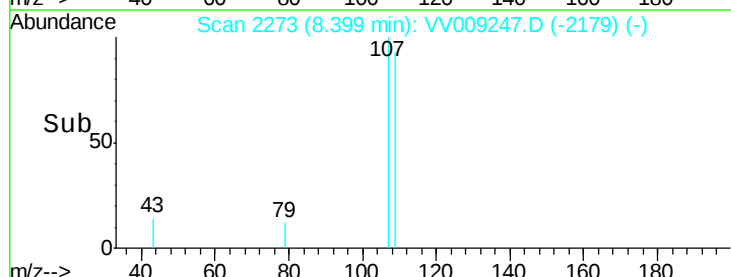
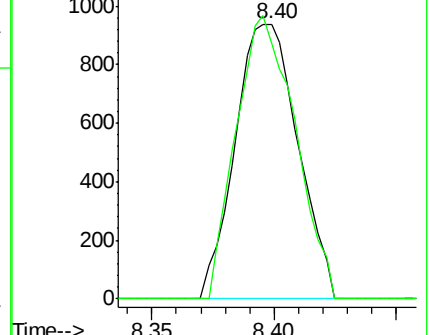
107 100

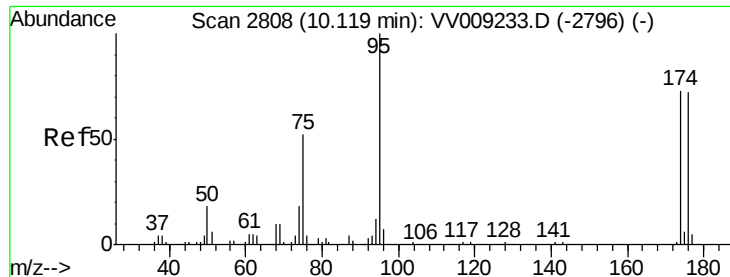
109 97.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.520 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

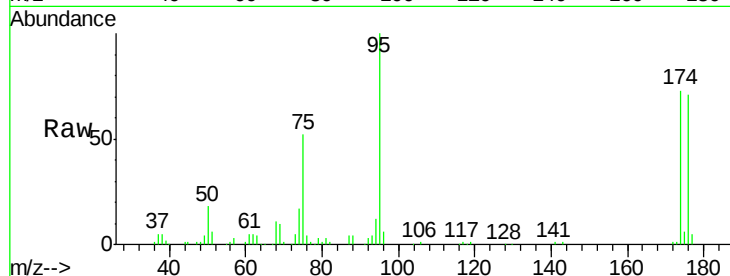
Tot Ion: 95 Resp: 64021

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.2
176	71.0	0.0	143.0

95 100

174 73.9 0.0 148.2

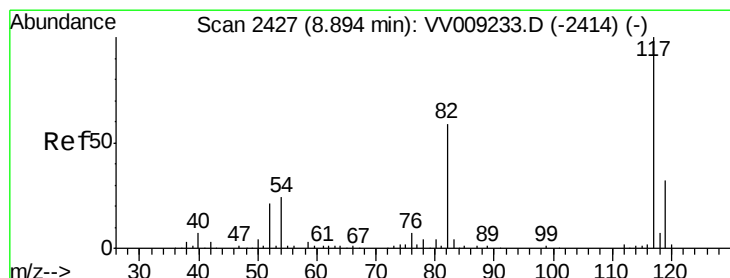
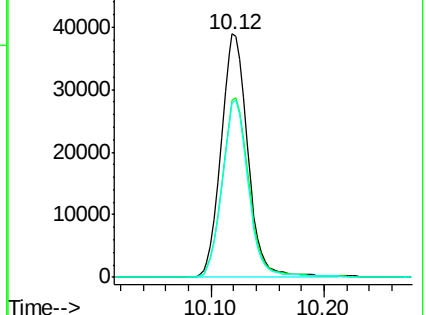
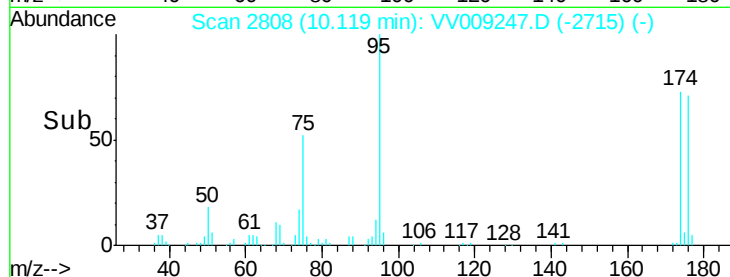
176 71.0 0.0 143.0



Abundance Ion 94.90 (94.60 to 95.60): VV009247.D (-2715) (-)

Ion 173.80 (173.50 to 174.50): VV009247.D (-2715) (-)

Ion 175.80 (175.50 to 176.50): VV009247.D (-2715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.89 min Scan# 2427

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

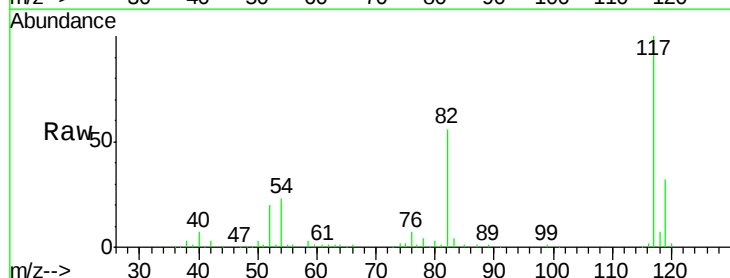
Tgt Ion: 117 Resp: 126931

Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.0	70.6
119	31.5	25.4	38.2

117 100

82 55.9 47.0 70.6

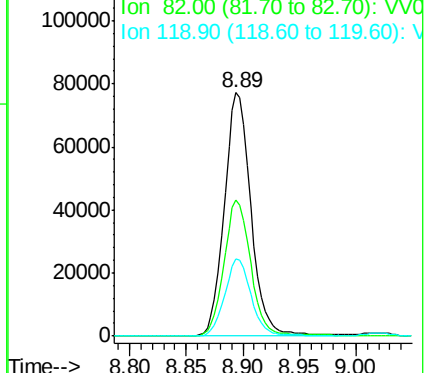
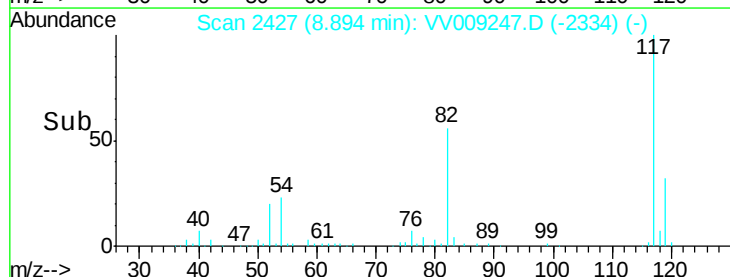
119 31.5 25.4 38.2

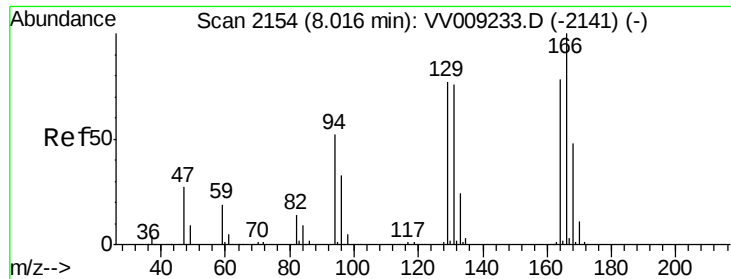


Abundance Ion 116.90 (116.60 to 117.60): VV009247.D (-2334) (-)

Ion 82.00 (81.70 to 82.70): VV009247.D (-2334) (-)

Ion 118.90 (118.60 to 119.60): VV009247.D (-2334) (-)





#64

Tetrachloroethene

Concen: 2.342 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tot Ion:164 Resp: 2115

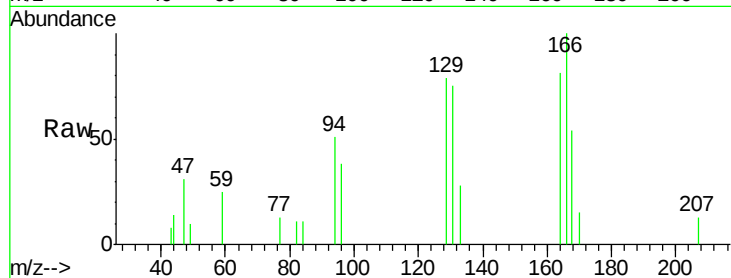
Ion Ratio Lower Upper

164 100

166 122.9 102.1 153.1

129 97.4 78.1 117.1

131 92.3 78.0 117.0

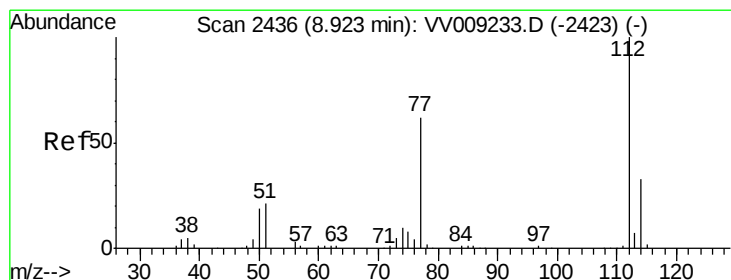
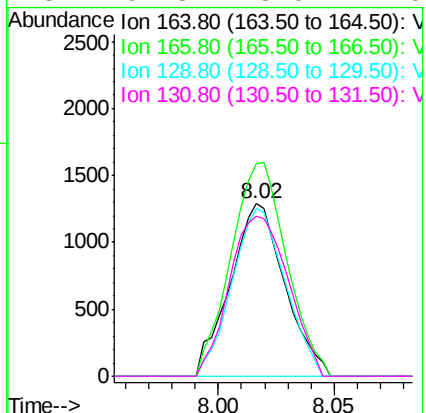
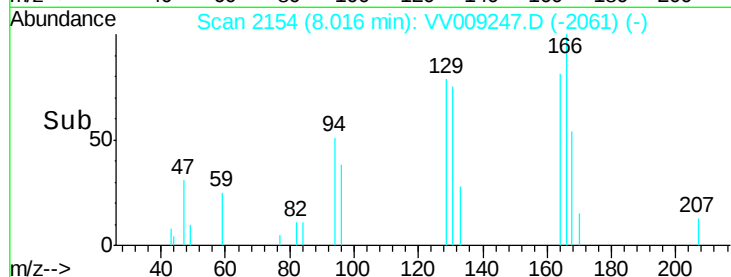


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.284 ug/l

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009247.D

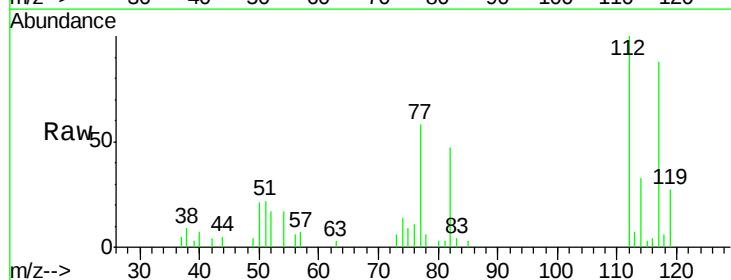
Acq: 23 Jan 2019 14:39

Tgt Ion:112 Resp: 6745

Ion Ratio Lower Upper

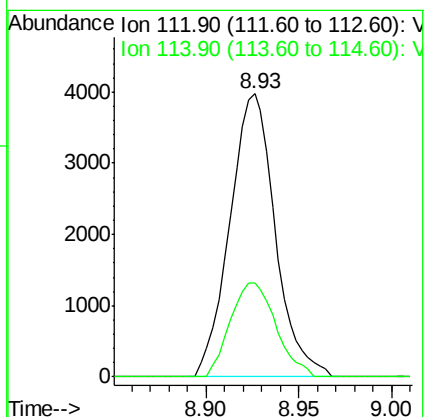
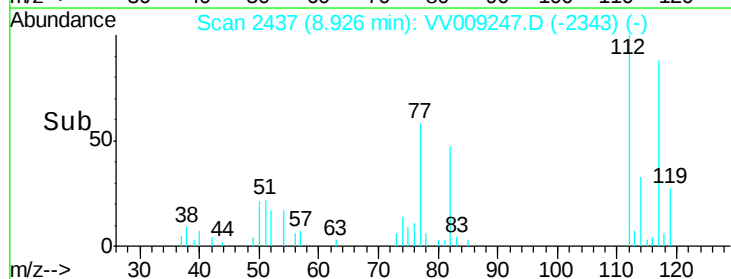
112 100

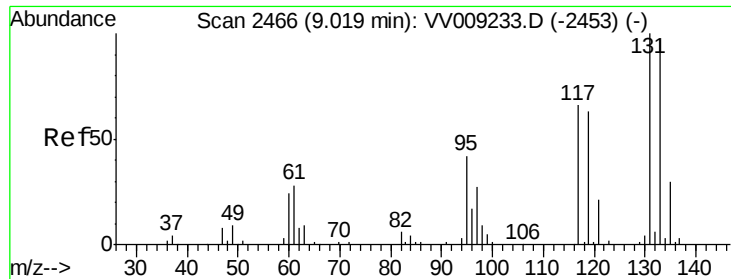
114 33.4 26.0 39.0



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: 2.220 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

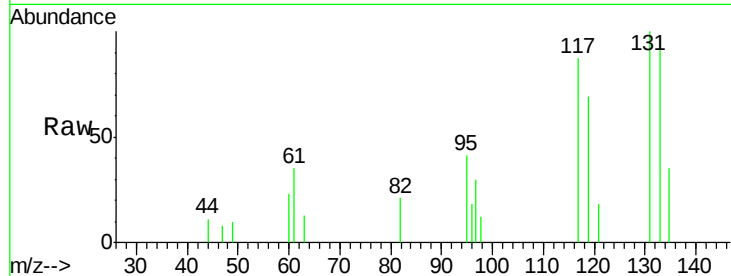
Tot Ion:131 Resp: 2241

Ion Ratio Lower Upper

131 100

133 91.6 48.3 144.9

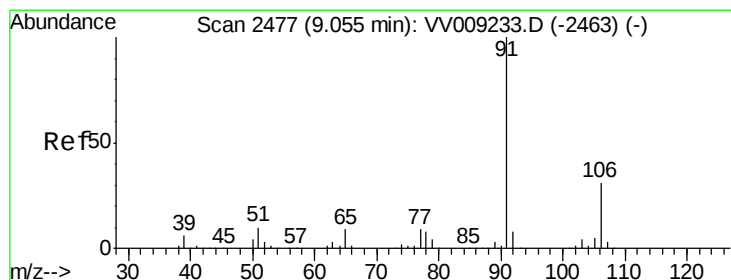
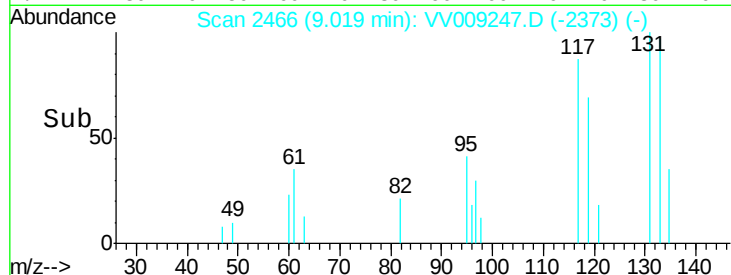
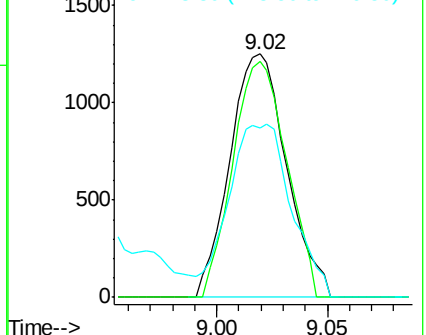
119 78.4 31.2 93.6



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: 2.187 ug/l

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV009247.D

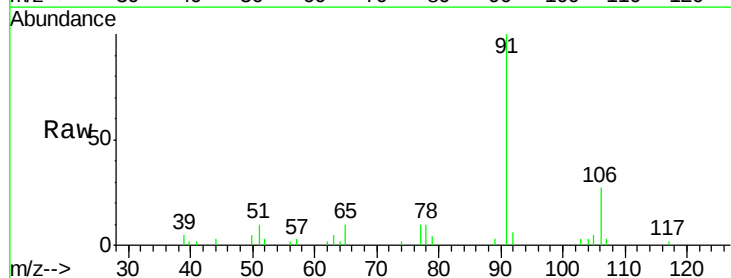
Acq: 23 Jan 2019 14:39

Tgt Ion: 91 Resp: 11508

Ion Ratio Lower Upper

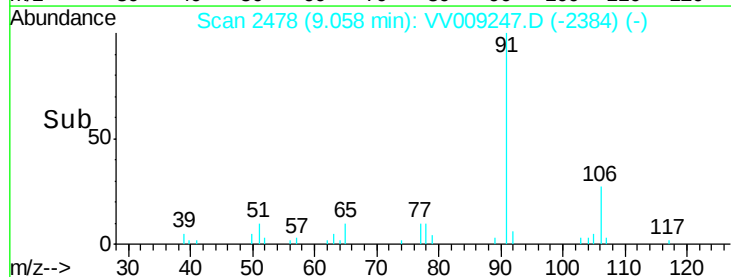
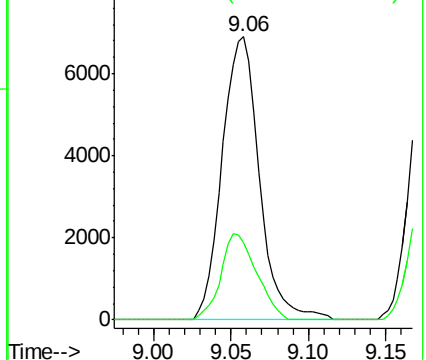
91 100

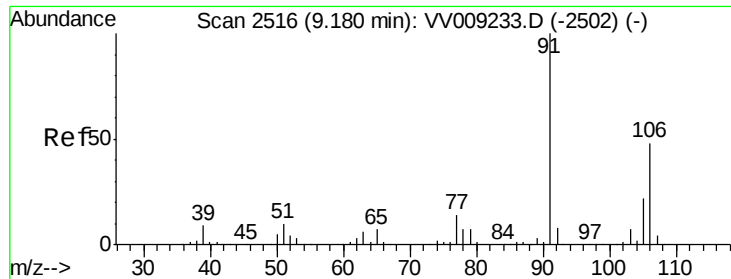
106 27.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

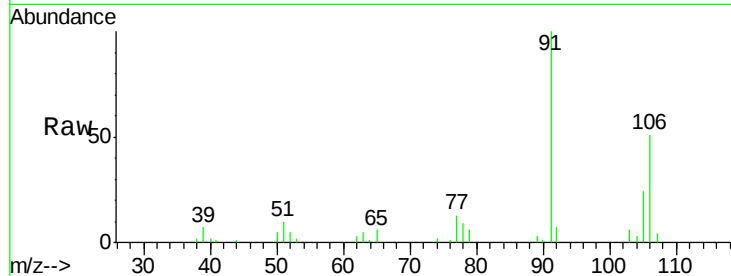
Ion 106.00 (105.70 to 106.70): V



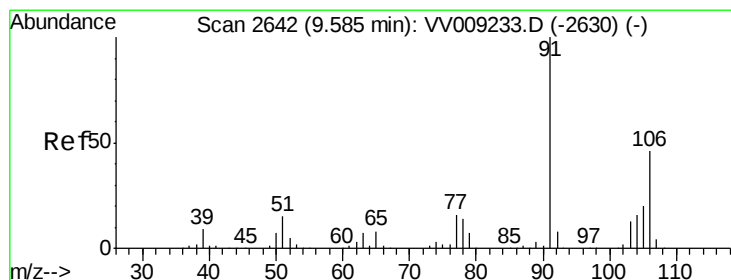
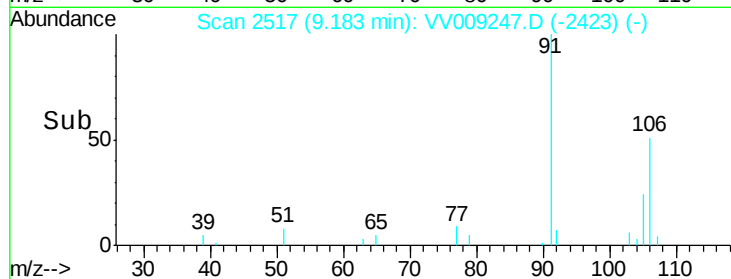
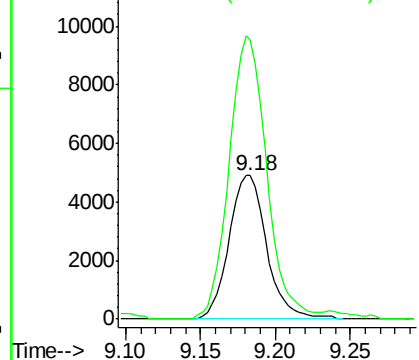


#68
m/p-Xylenes
Concen: 4.309 ug/l
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion:106 Resp: 8606
Ion Ratio Lower Upper
106 100
91 196.2 167.1 250.7

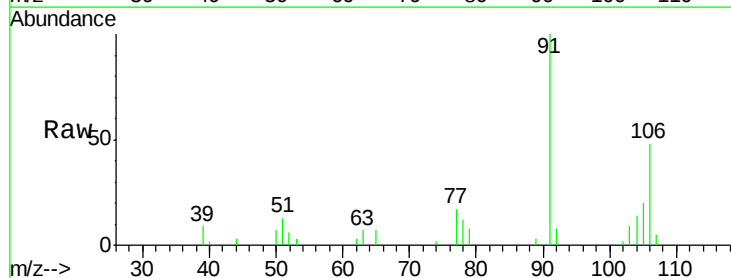


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

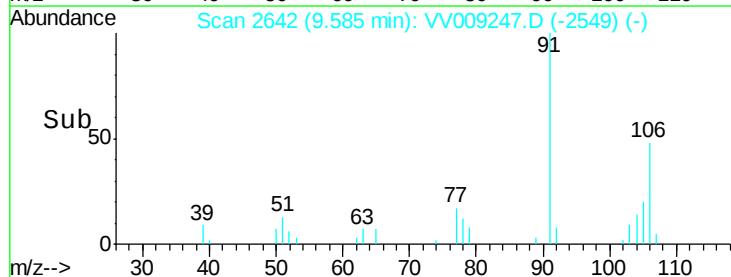
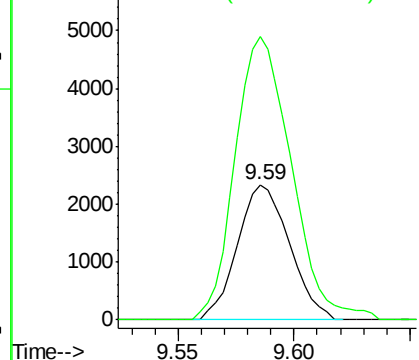


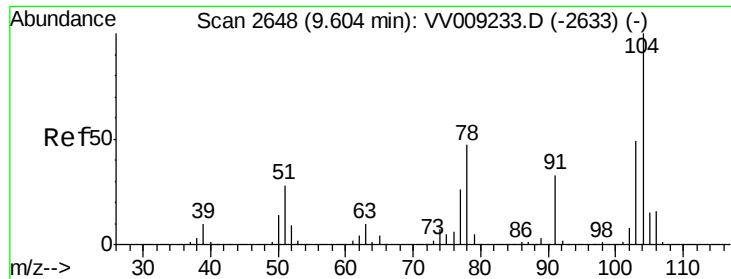
#69
o-Xylene
Concen: 1.969 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion:106 Resp: 3646
Ion Ratio Lower Upper
106 100
91 226.7 109.3 327.8



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





#70

Stvrene

Concen: 1.976 ug/l

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

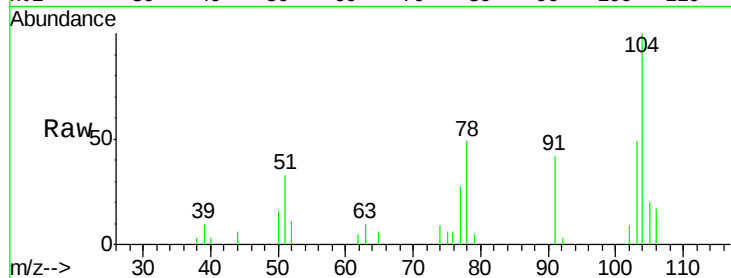
Tot Ion:104 Resp: 5838

Ion Ratio Lower Upper

104 100

78 52.6 43.1 64.7

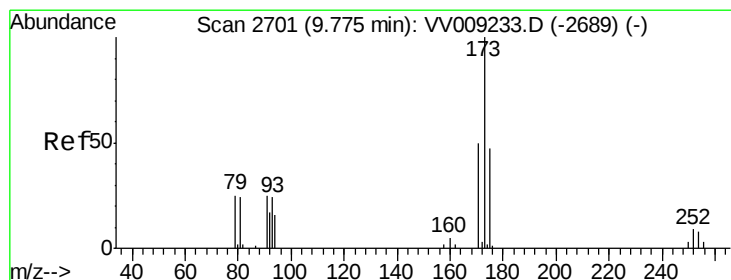
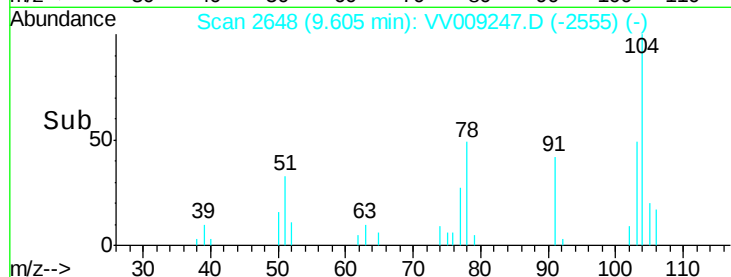
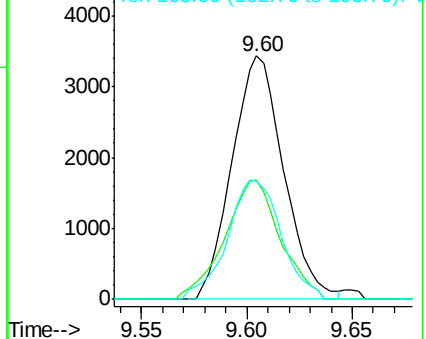
103 51.2 43.8 65.8



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: 2.271 ug/l

RT: 9.78 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

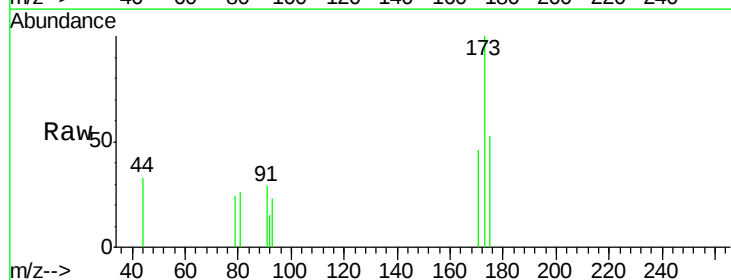
Tgt Ion:173 Resp: 1081

Ion Ratio Lower Upper

173 100

175 45.1 23.4 70.0

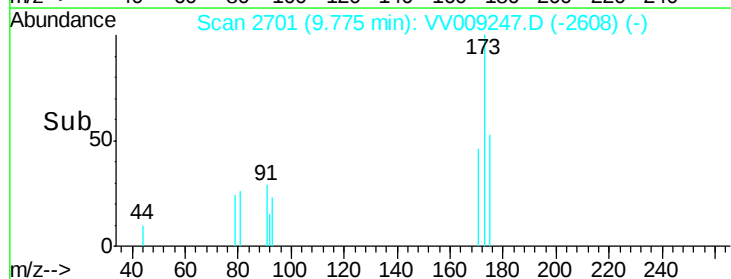
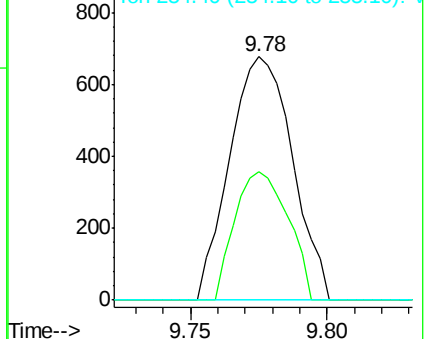
254 0.0 0.0 0.0

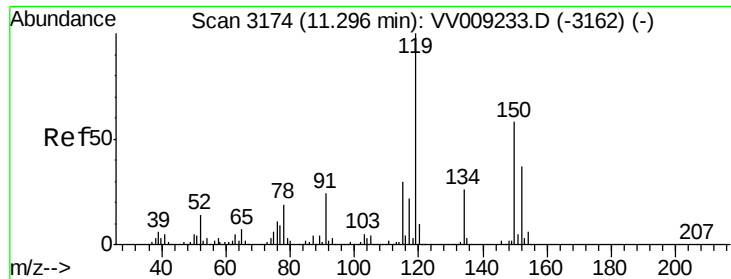


Abundance Ion 172.70 (172.40 to 173.40): V

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: VV009247.D

Acq: 23 Jan 2019 14:39

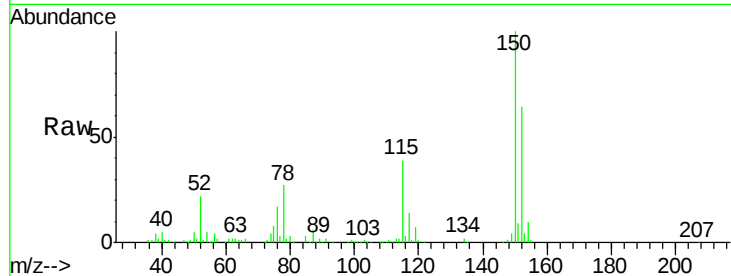
Tot Ion:152 Resp: 62581

Ion Ratio Lower Upper

152 100

115 61.3 45.0 134.8

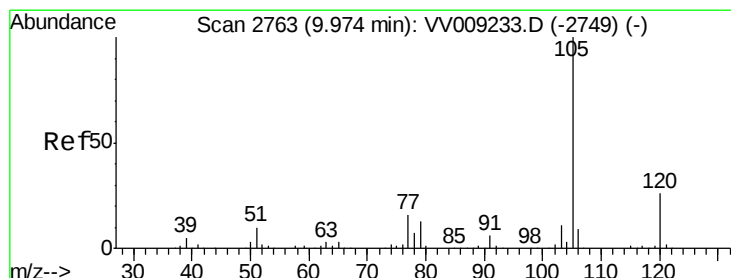
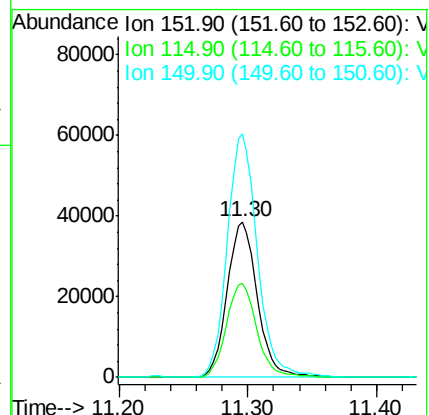
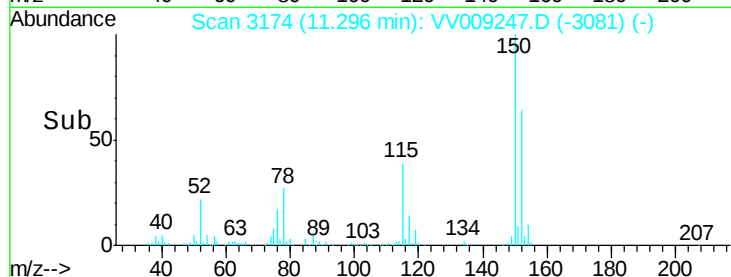
150 156.6 0.0 346.4



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: 1.974 ug/l

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV009247.D

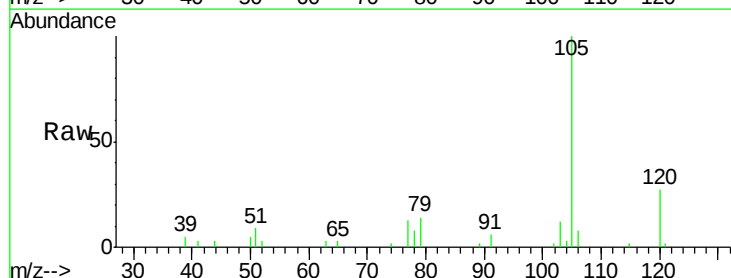
Acq: 23 Jan 2019 14:39

Tgt Ion:105 Resp: 10203

Ion Ratio Lower Upper

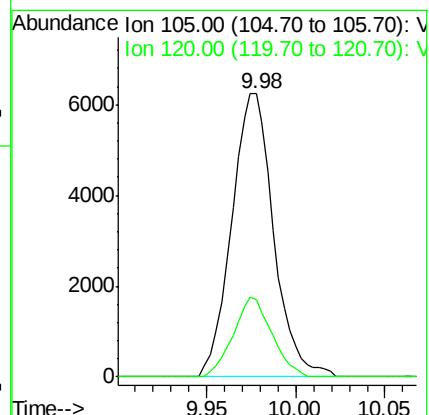
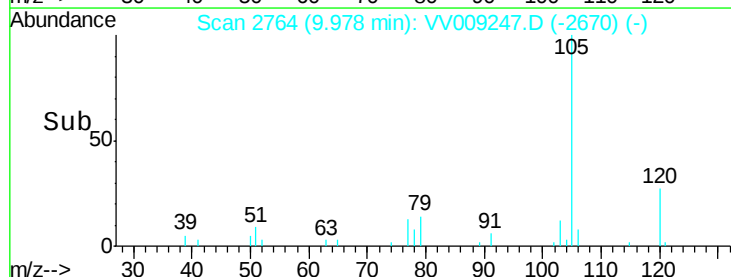
105 100

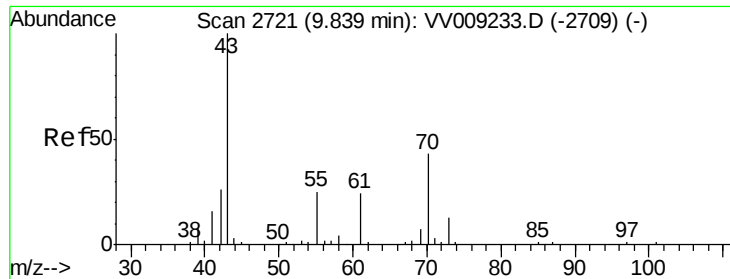
120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.144 ug/l

RT: 9.84 min Scan# 2721

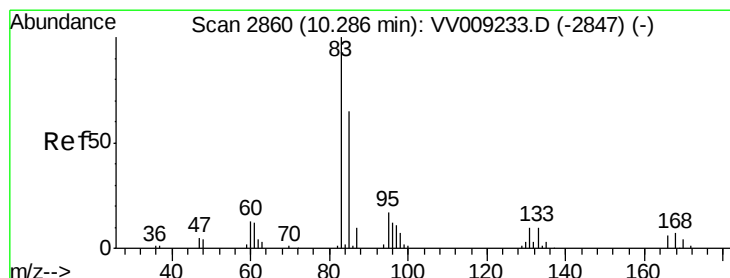
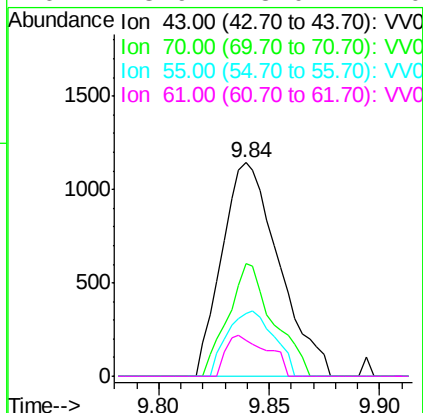
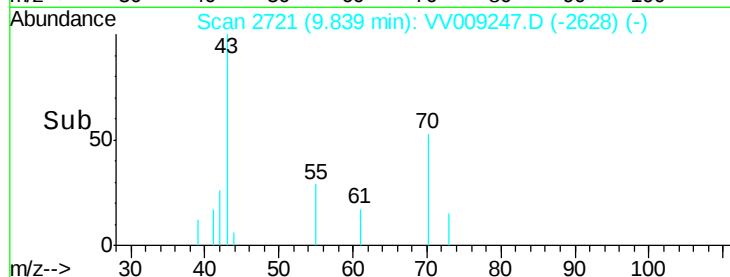
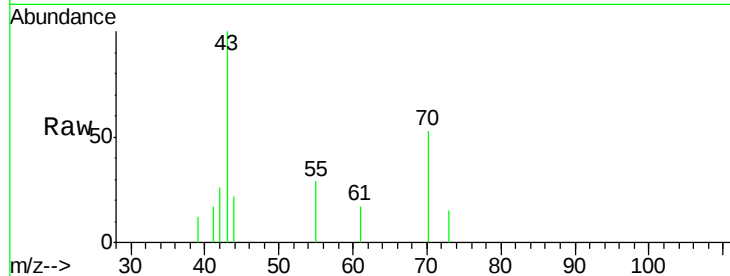
Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tot Ion: 43 Resp: 2049

Ion	Ratio	Lower	Upper
43	100		
70	41.7	33.0	49.6
55	25.1	18.7	28.1
61	13.9	18.0	27.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.802 ug/l

RT: 10.29 min Scan# 2860

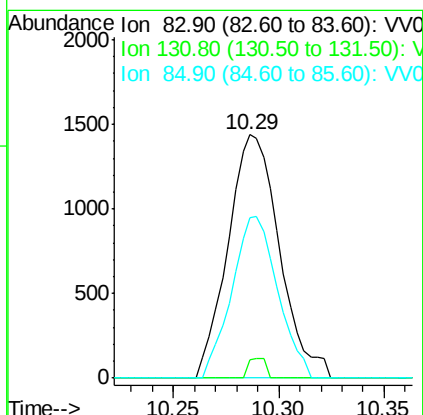
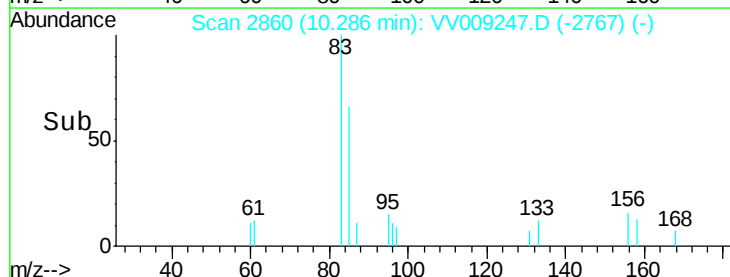
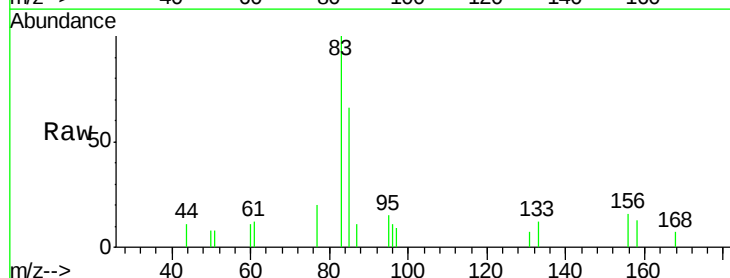
Delta R.T. 0.00 min

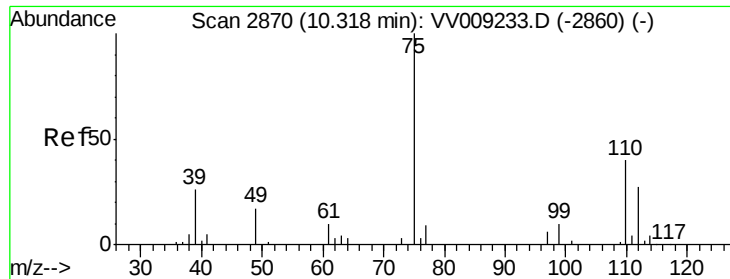
Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt Ion: 83 Resp: 2441

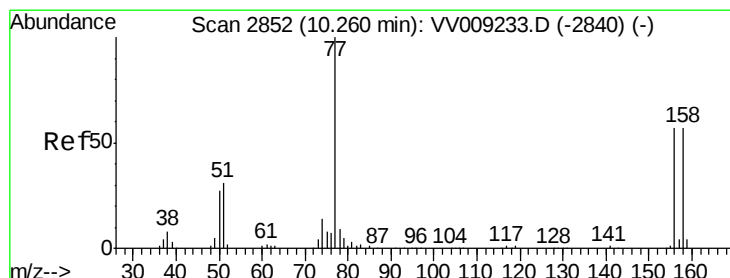
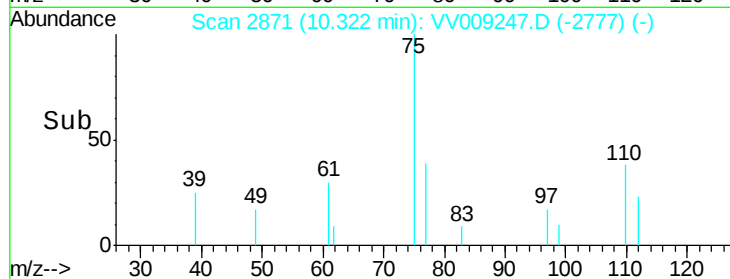
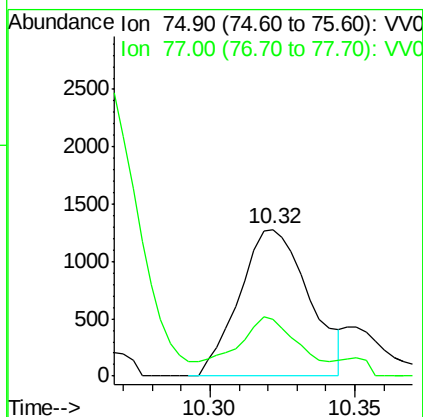
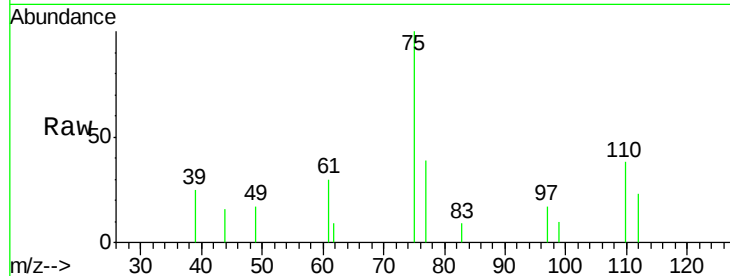
Ion	Ratio	Lower	Upper
83	100		
131	2.7	5.1	15.3#
85	59.0	32.6	98.0





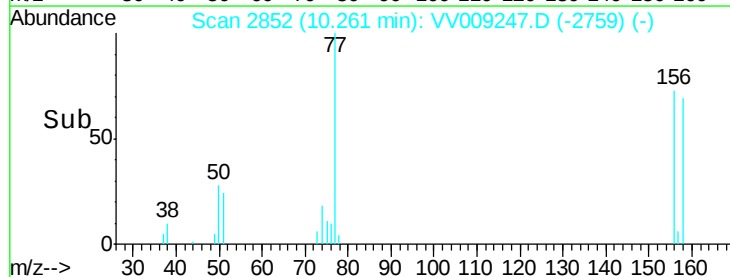
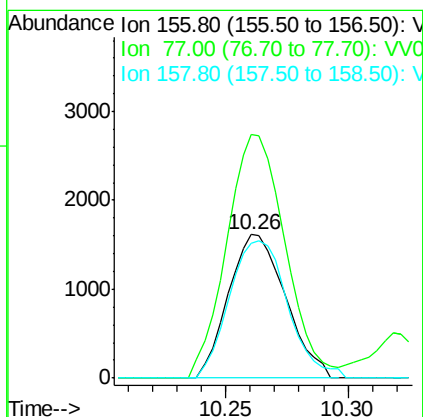
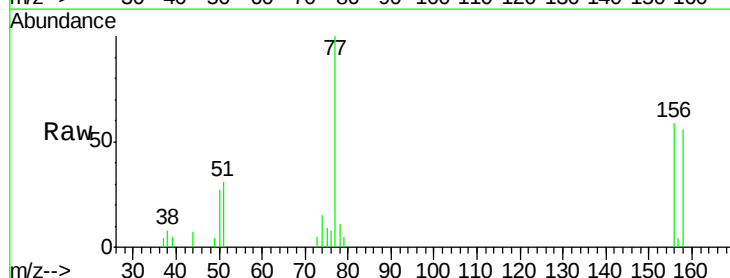
#76
 1,2,3-Trichloropropane
 Concen: 3.115 ug/l
 RT: 10.32 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

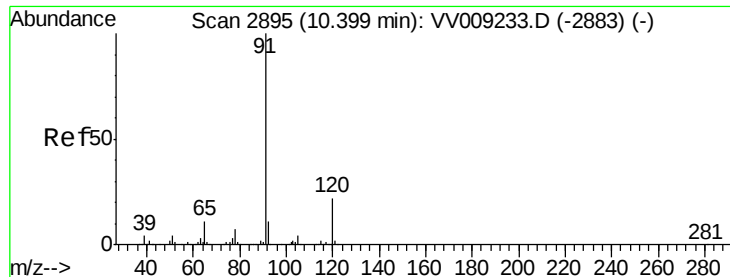
Tot Ion: 75 Resp: 2134
 Ion Ratio Lower Upper
 75 100
 77 23.7 24.6 73.8#



#77
 Bromobenzene
 Concen: 2.370 ug/l
 RT: 10.26 min Scan# 2852
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

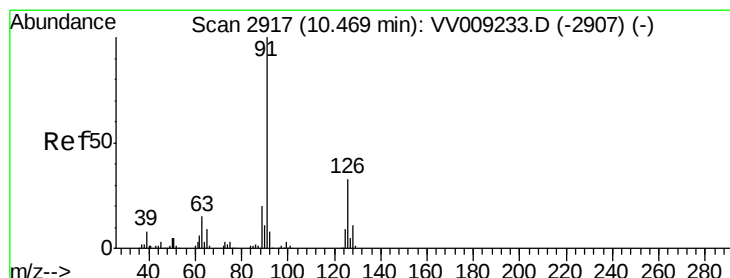
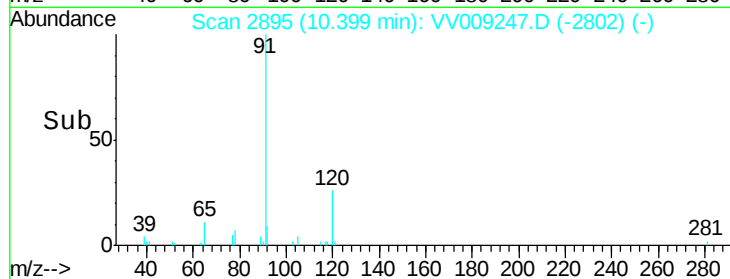
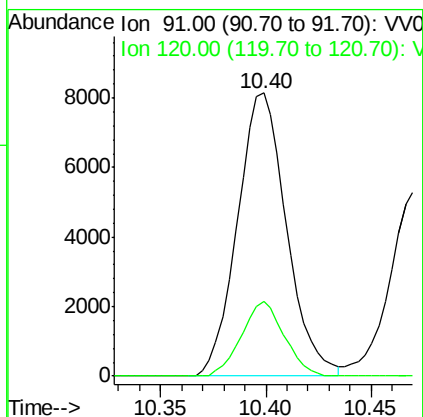
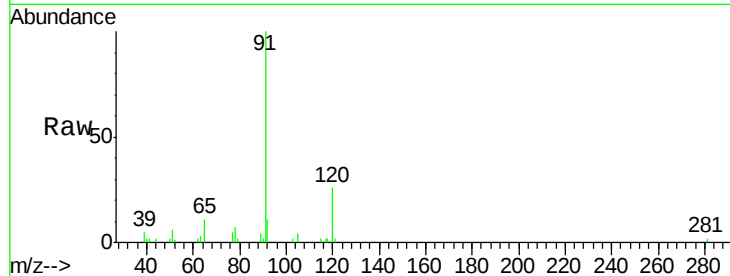
Tgt Ion: 156 Resp: 2620
 Ion Ratio Lower Upper
 156 100
 77 173.5 86.0 258.0
 158 98.4 49.8 149.3





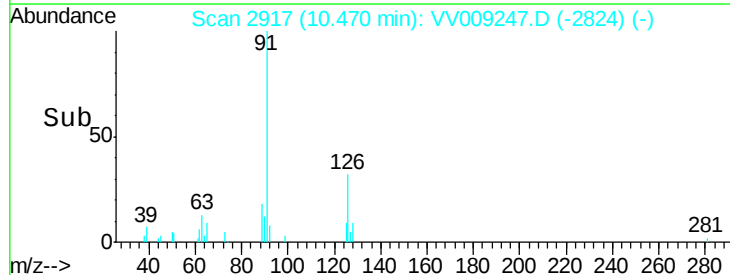
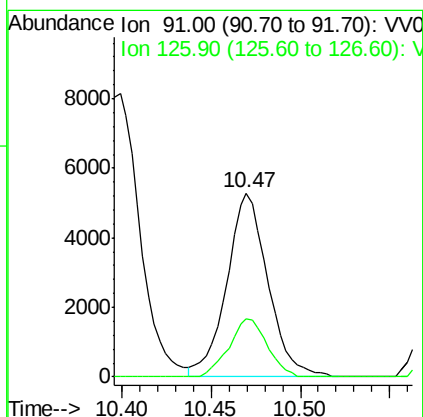
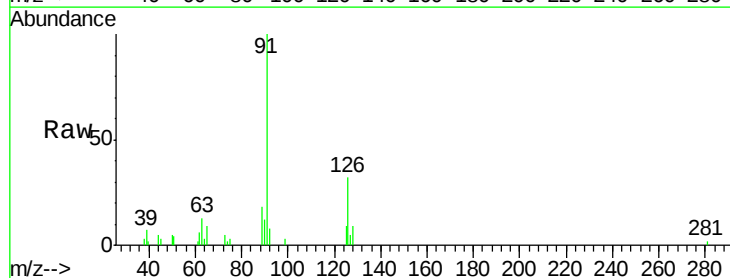
#78
n-propylbenzene
Concen: 2.148 ug/l
RT: 10.40 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

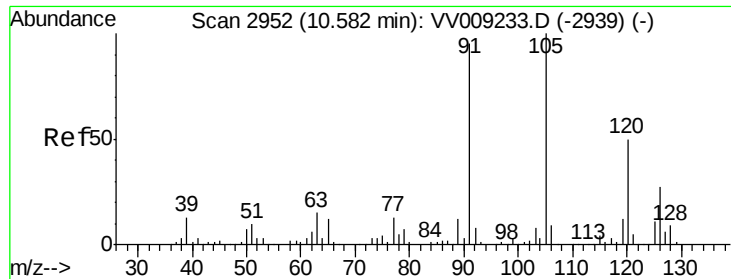
Tot Ion: 91 Resp: 13159
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.287 ug/l
RT: 10.47 min Scan# 2917
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

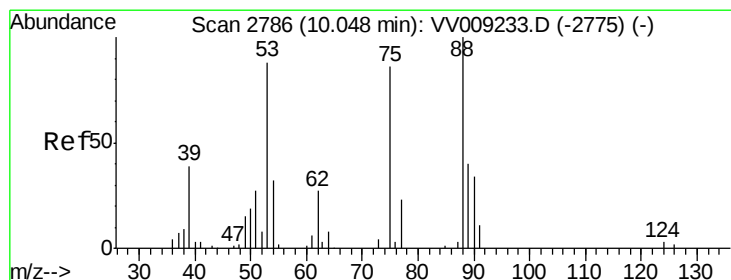
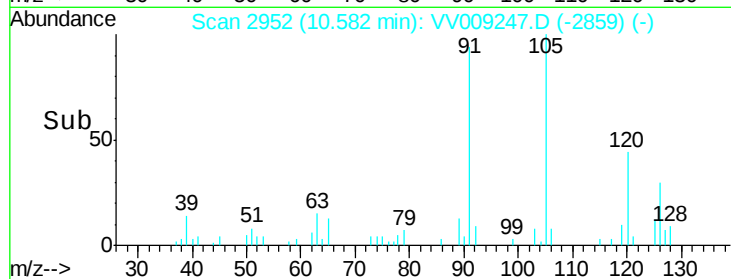
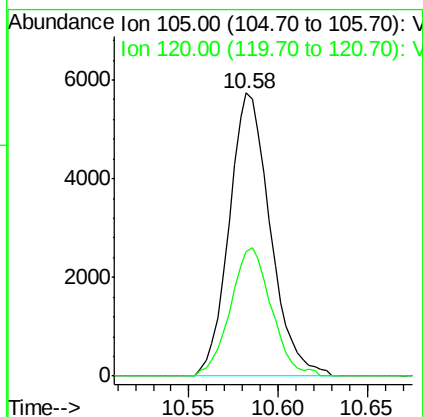
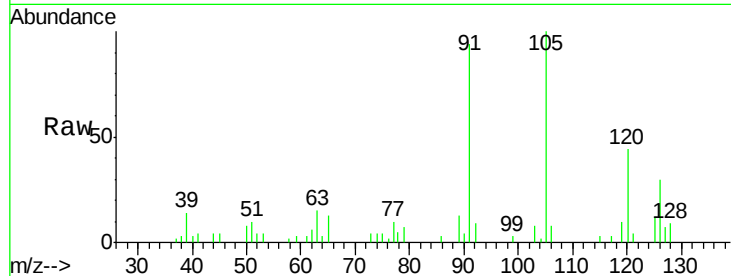
Tgt Ion: 91 Resp: 8452
Ion Ratio Lower Upper
91 100
126 29.4 16.2 48.6





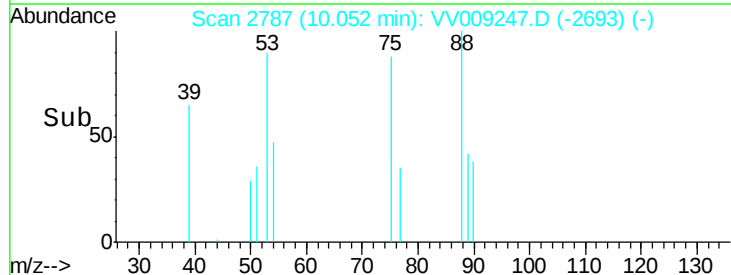
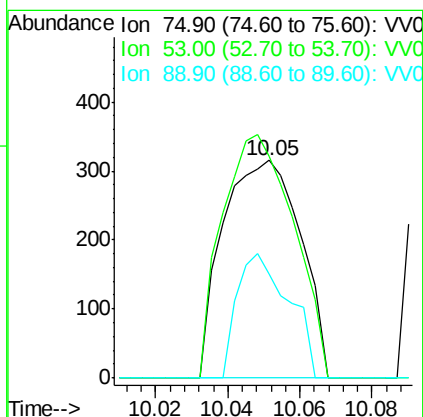
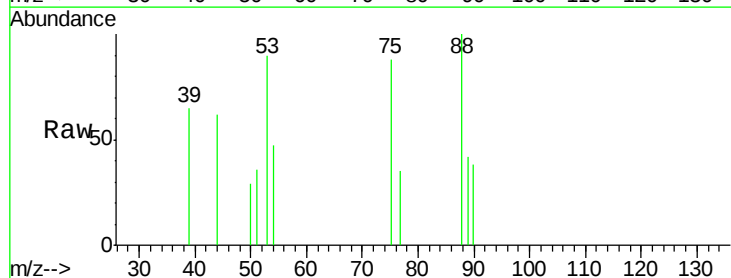
#80
 1,3,5-Trimethylbenzene
 Concen: 2.114 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

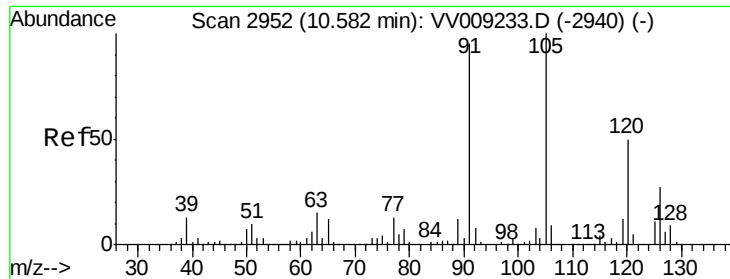
Tot Ion:105 Resp: 9162
 Ion Ratio Lower Upper
 105 100
 120 45.3 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.945 ug/l m
 RT: 10.05 min Scan# 2787
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion: 75 Resp: 471
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.1 123.1#
 89 0.0 36.2 54.4#





#82

4-Chlorotoluene

Concen: 2.119 ug/l

RT: 10.59 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VV009247.D

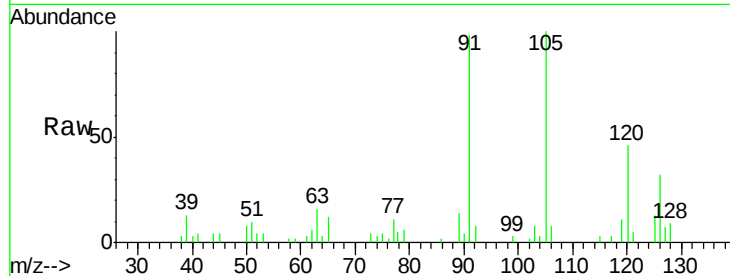
Acq: 23 Jan 2019 14:39

Tot Ion: 91 Resp: 9224

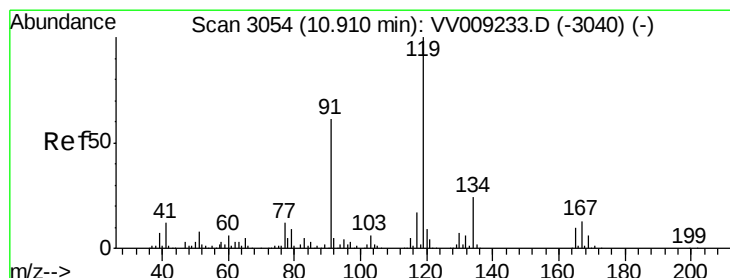
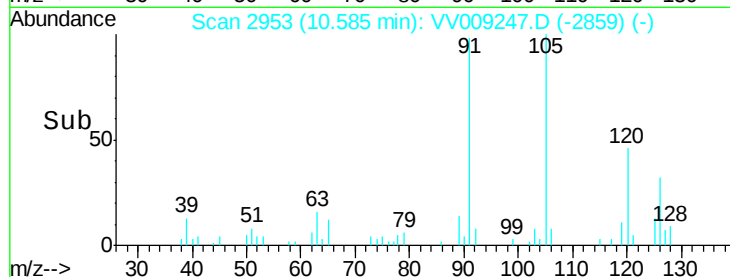
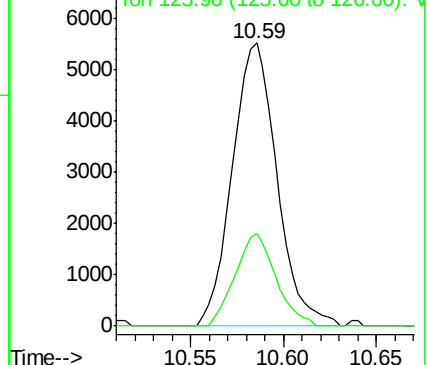
Ion Ratio Lower Upper

91 100

126 29.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2940) (-)



#83

tert-Butylbenzene

Concen: 2.131 ug/l

RT: 10.91 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

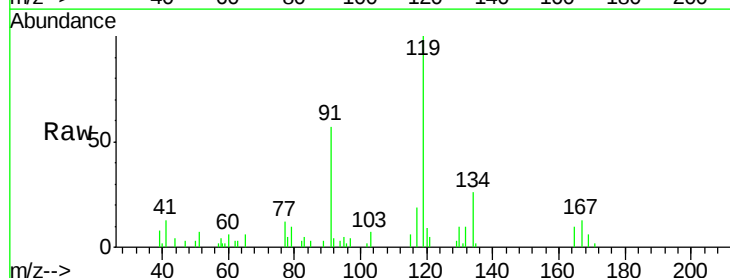
Tgt Ion: 119 Resp: 8796

Ion Ratio Lower Upper

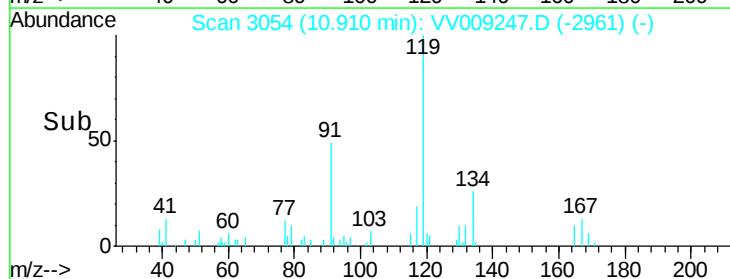
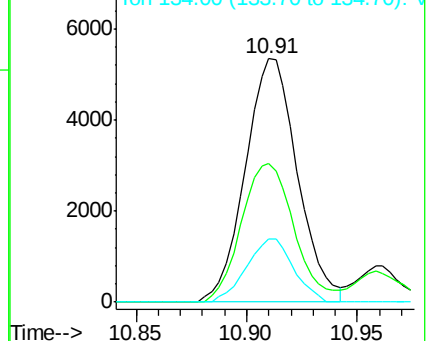
119 100

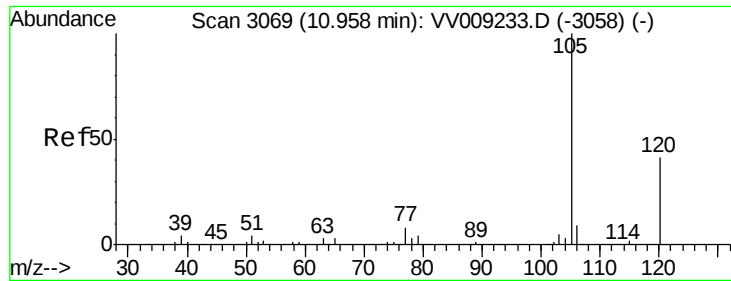
91 57.9 30.0 90.1

134 23.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): VV009233.D (-3040) (-)

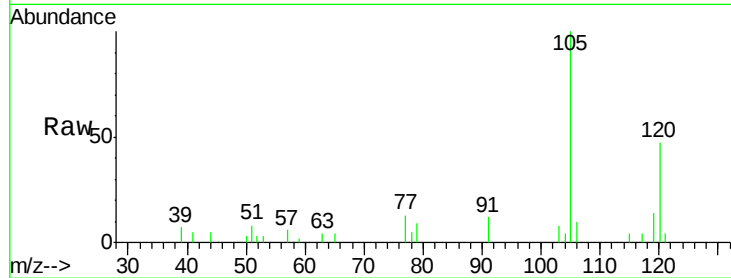




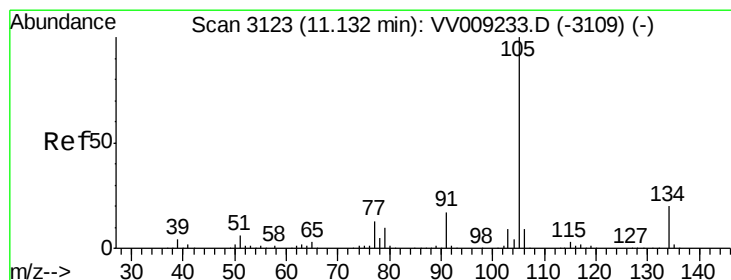
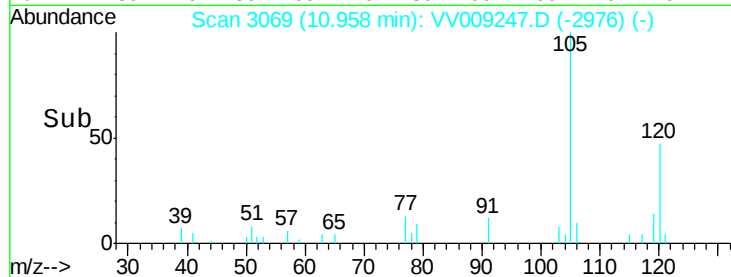
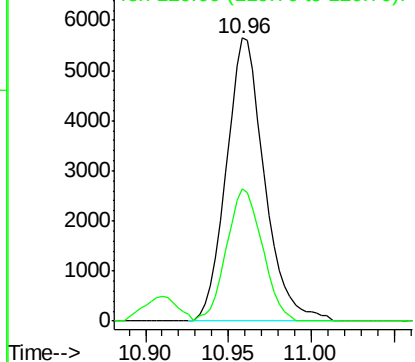
#84

1,2,4-Trimethylbenzene
Concen: 2.073 ug/l
RT: 10.96 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion:105 Resp: 9062
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7



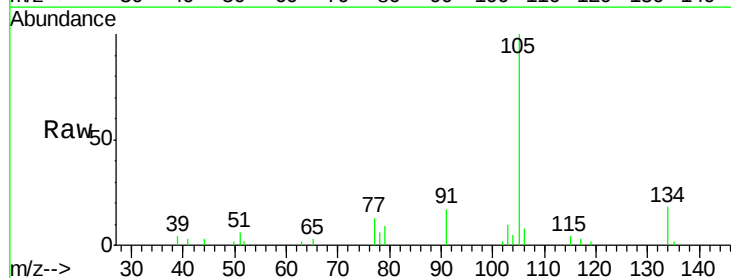
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



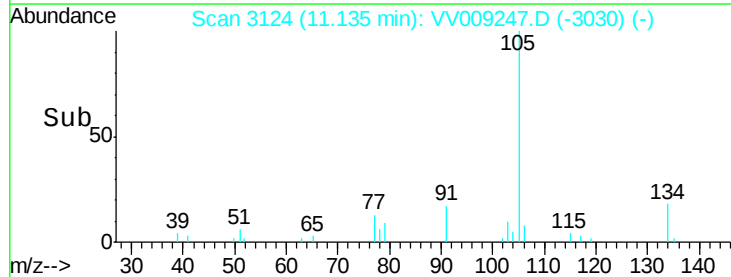
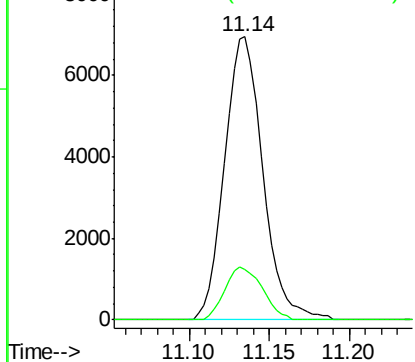
#85

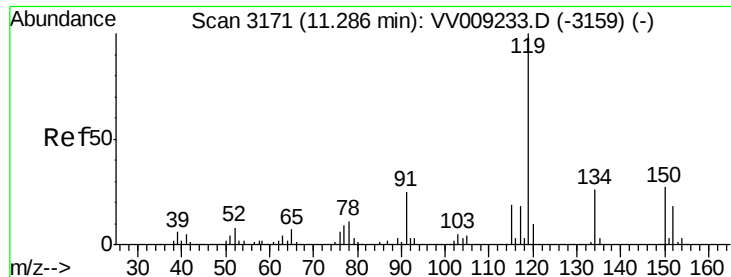
sec-Butylbenzene
Concen: 2.100 ug/l
RT: 11.14 min Scan# 3124
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion:105 Resp: 11350
Ion Ratio Lower Upper
105 100
134 18.2 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: 2.047 ug/l

RT: 11.29 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

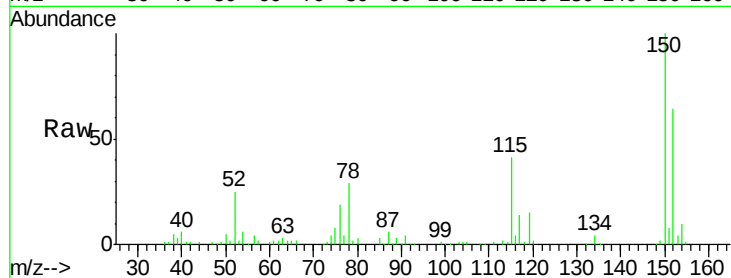
Tot Ion:119 Resp: 9690

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

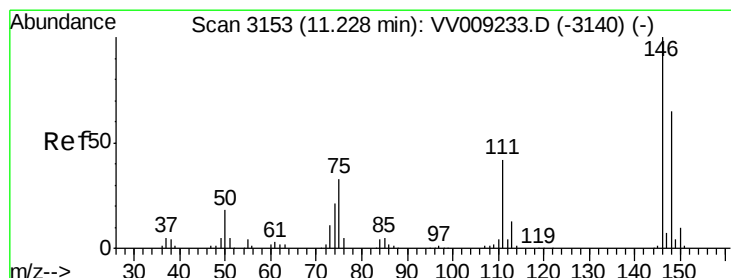
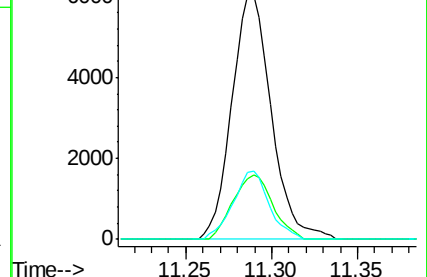
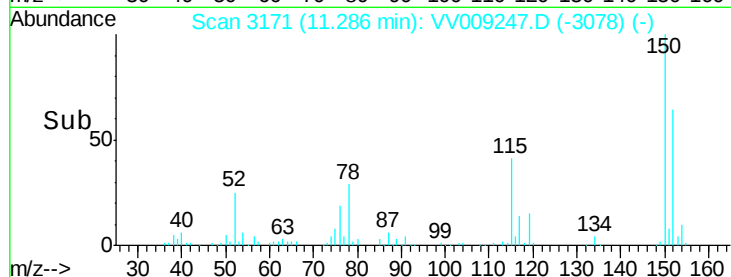
91 25.4 12.4 37.2



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: 2.386 ug/l

RT: 11.23 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

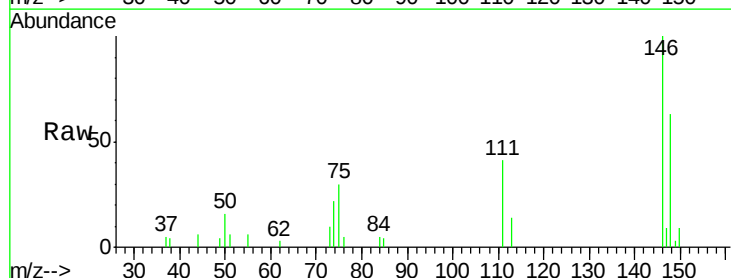
Tgt Ion:146 Resp: 5477

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.4

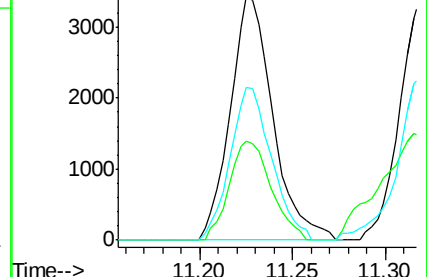
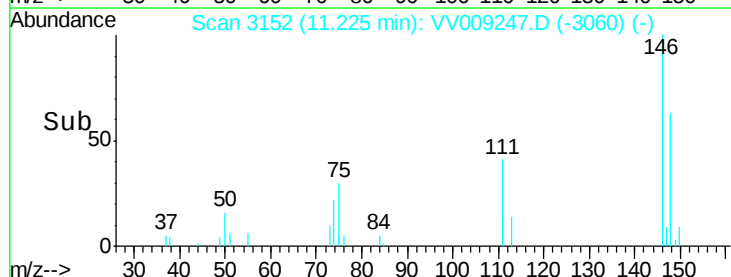
148 60.9 32.1 96.3

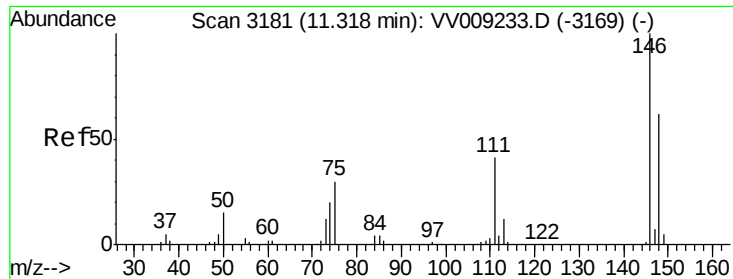


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

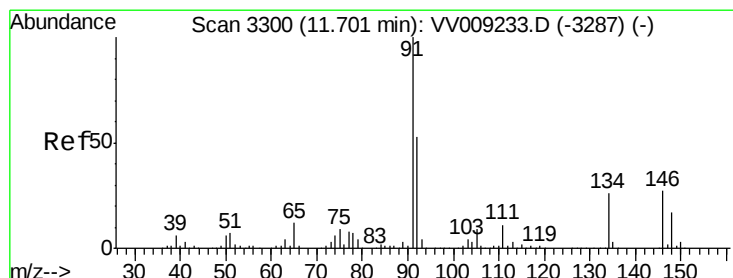
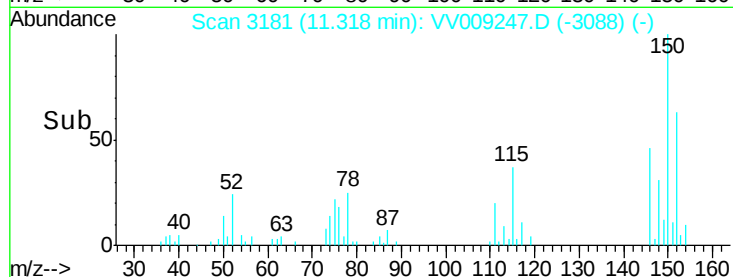
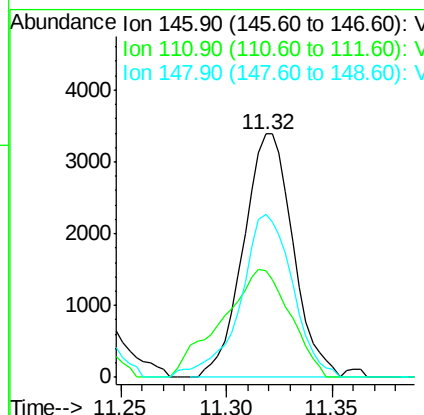
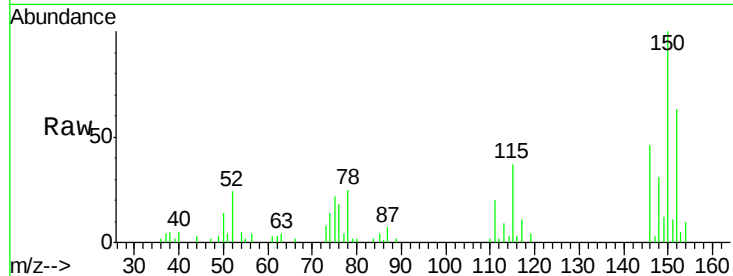
Ion 147.90 (147.60 to 148.60): V





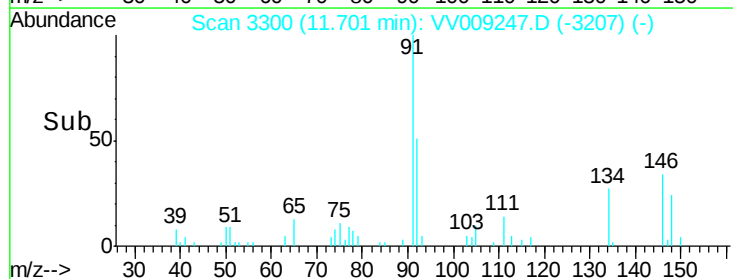
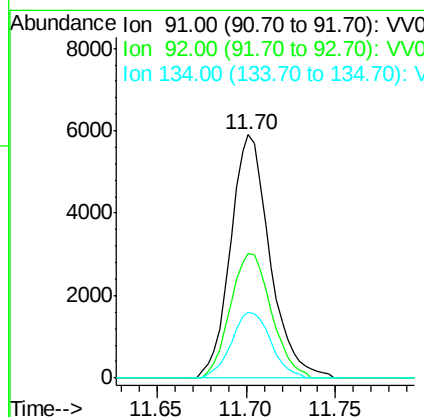
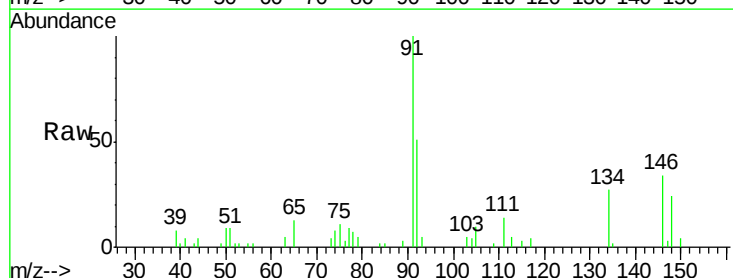
#88
 1,4-Dichlorobenzene
 Concen: 2.391 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

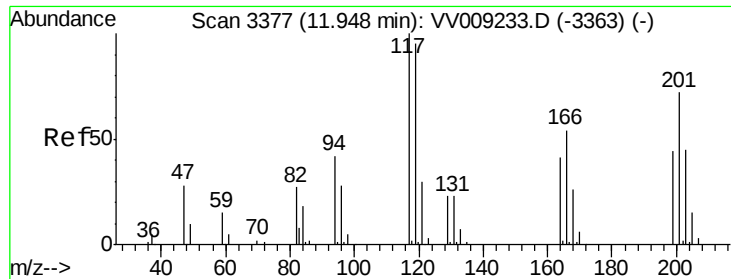
Tot Ion:146 Resp: 5548
 Ion Ratio Lower Upper
 146 100
 111 60.9 20.5 61.5
 148 70.8 31.4 94.3



#89
 n-Butylbenzene
 Concen: 1.971 ug/l
 RT: 11.70 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

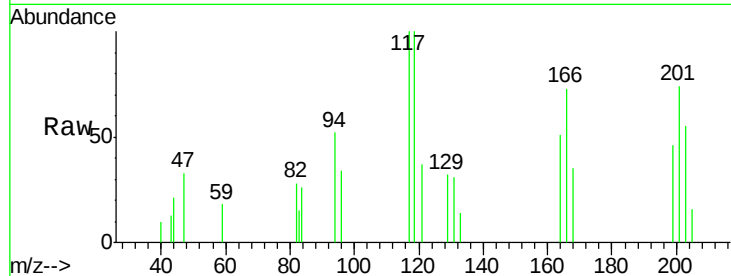
Tgt Ion: 91 Resp: 9056
 Ion Ratio Lower Upper
 91 100
 92 53.6 27.2 81.5
 134 27.2 12.6 37.8



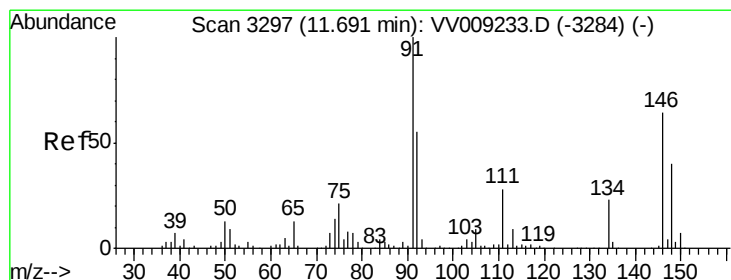
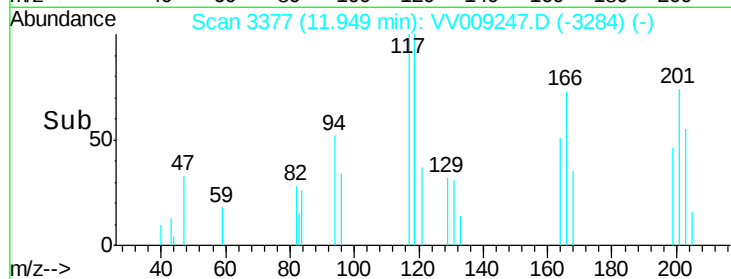
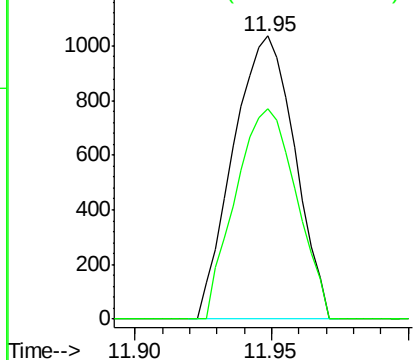


#90
Hexachloroethane
Concen: 1.928 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion:117 Resp: 1623
Ion Ratio Lower Upper
117 100
201 73.5 35.2 105.6

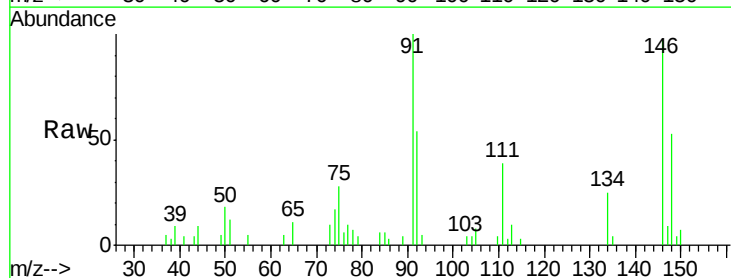


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

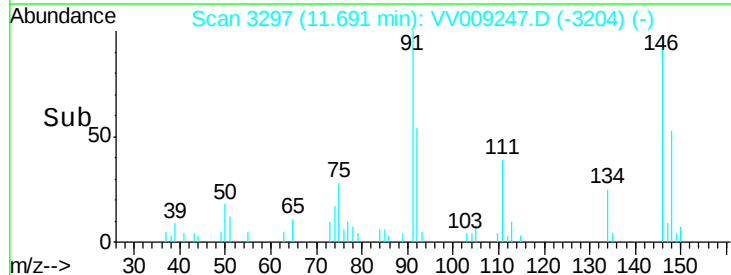
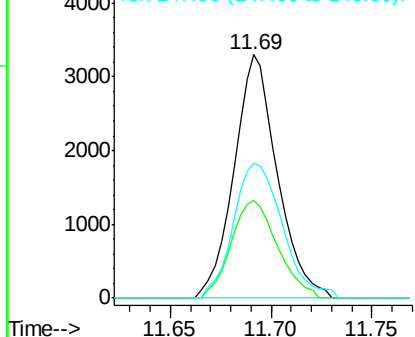


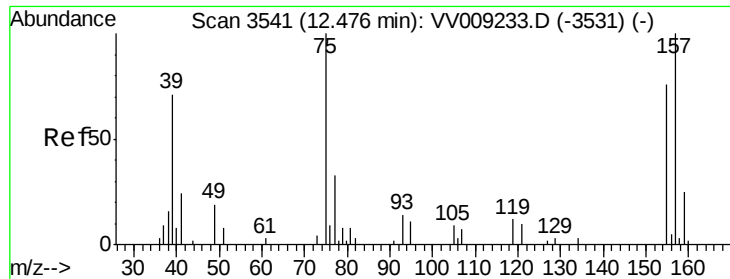
#91
1,2-Dichlorobenzene
Concen: 2.442 ug/l
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion:146 Resp: 4947
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.8
148 62.8 31.6 95.0



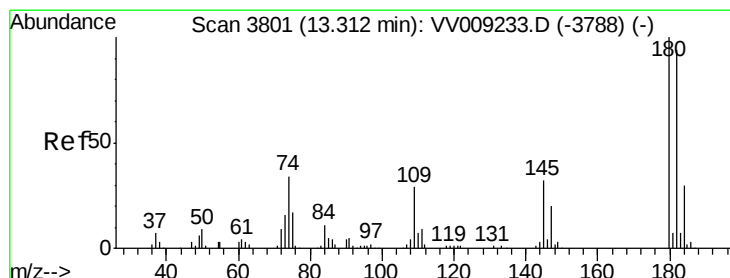
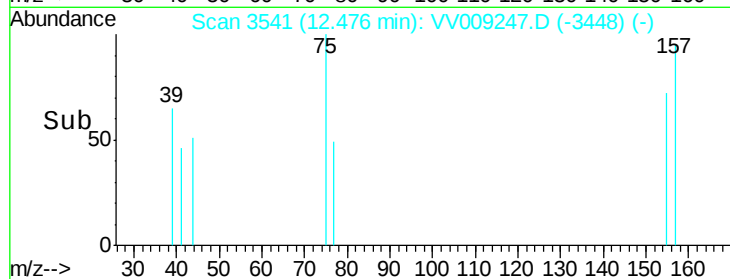
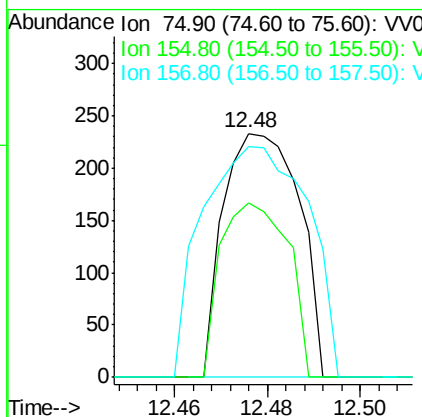
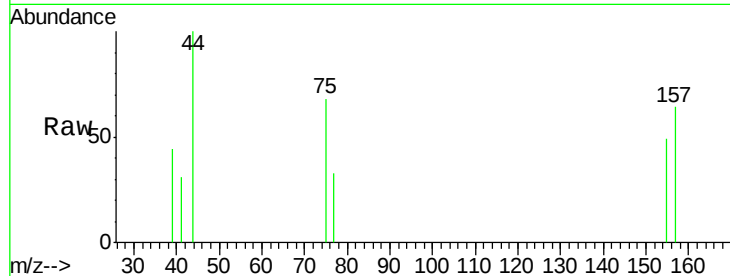
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





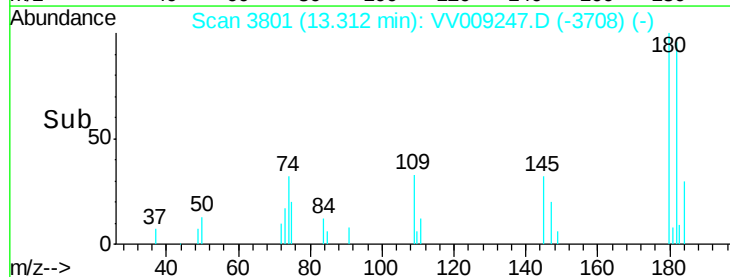
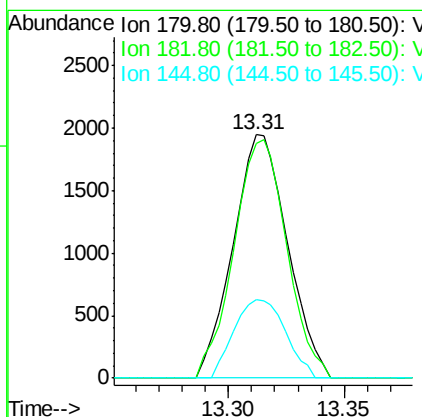
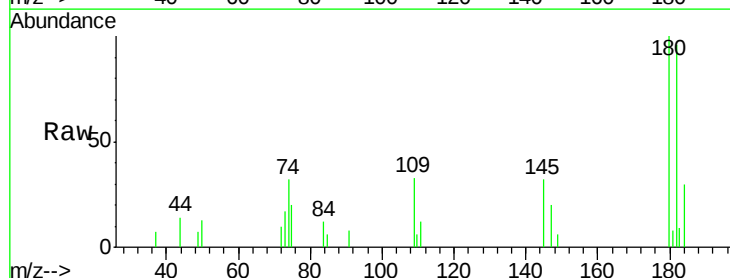
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.805 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

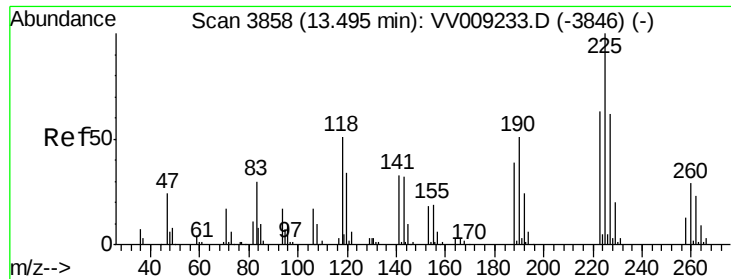
Tot Ion: 75 Resp: 264
 Ion Ratio Lower Upper
 75 100
 155 63.6 38.0 114.0
 157 131.4 50.8 152.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.436 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

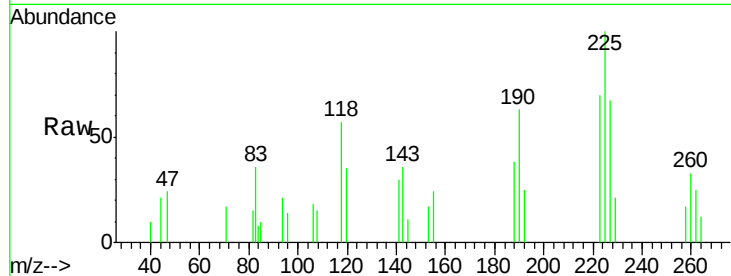
Tgt Ion: 180 Resp: 3177
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.4
 145 30.3 16.0 48.0



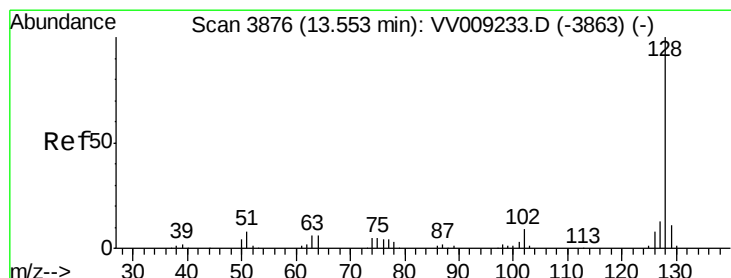
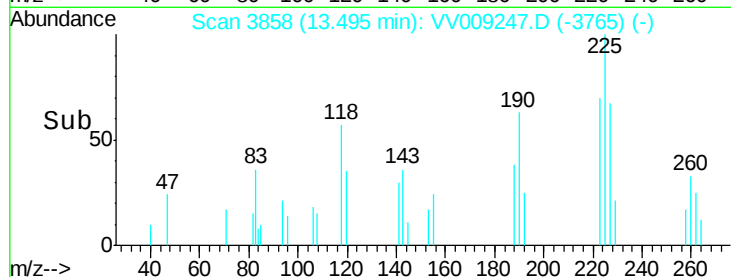
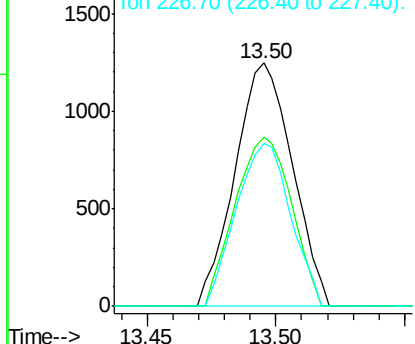


#94
Hexachlorobutadiene
Concen: 2.389 ug/l
RT: 13.50 min Scan# 3858
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tot Ion:225 Resp: 1931
Ion Ratio Lower Upper
225 100
223 68.5 31.7 95.1
227 63.5 31.6 95.0

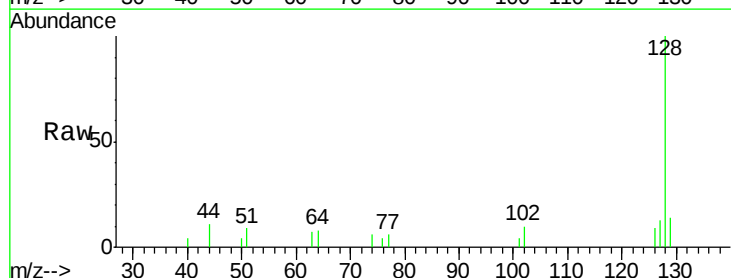


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

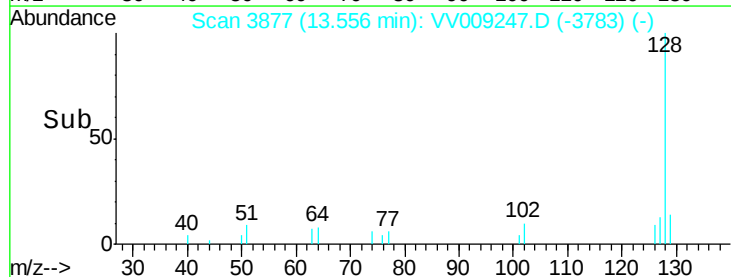
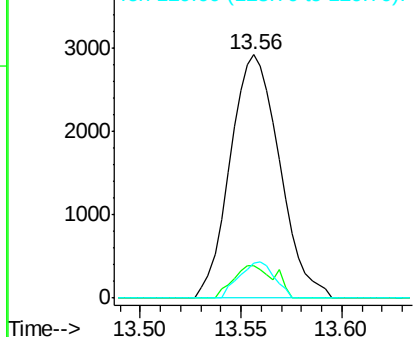


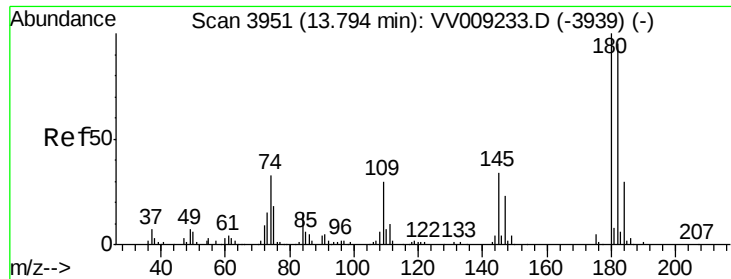
#95
Naphthalene
Concen: 2.218 ug/l
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion:128 Resp: 5002
Ion Ratio Lower Upper
128 100
127 11.2 10.7 16.1
129 10.7 8.8 13.2



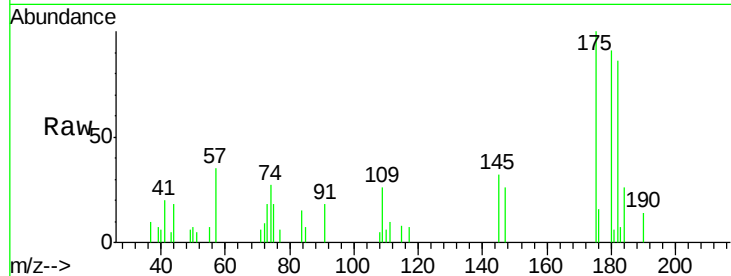
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.476 ug/l
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	37.0	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

