

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 03:53:13 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

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

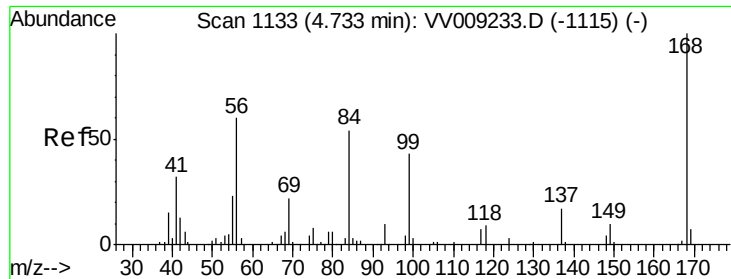
39) Methylcyclohexane	6.17	83	3893	2.142	ug/l	86
40) Benzene	5.14	78	9995	2.328	ug/l	100
41) Methacrylonitrile	4.32	41	769	2.163	ug/l #	84
42) 1,2-Dichloroethane	5.17	62	3400	2.530	ug/l	88
43) Isopropyl Acetate	5.33	43	3185	2.745	ug/l #	91
44) Trichloroethene	5.96	130	2749	2.433	ug/l	86
45) 1,2-Dichloropropane	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	10.12	75	33245	137.312	ug/l #	9
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

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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

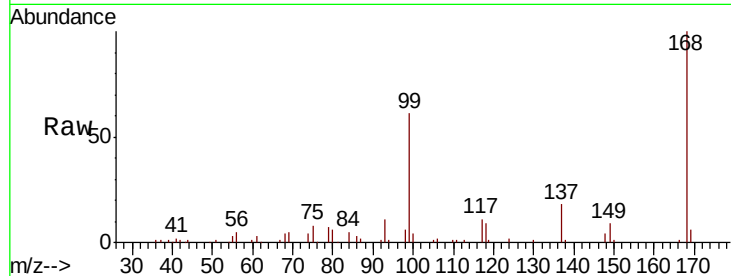
Acq: 23 Jan 2019 14:39

Tgt 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) (-)

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

4.73

30000

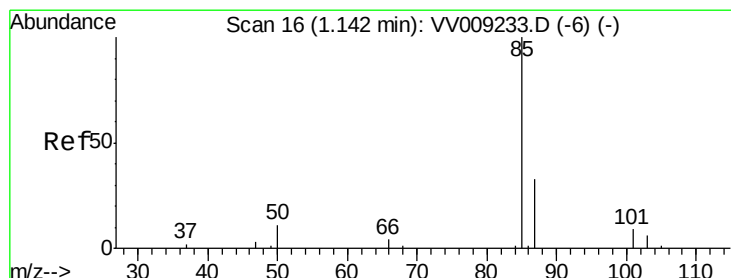
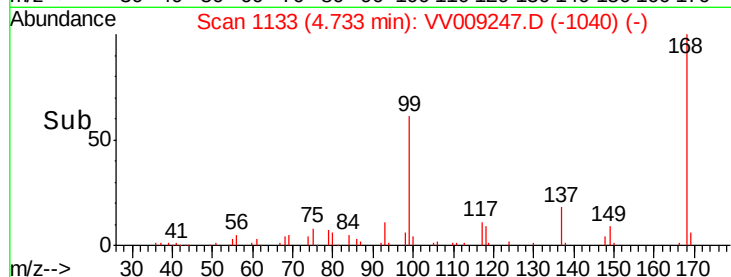
20000

10000

0

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.065 ug/l

RT: 1.15 min Scan# 18

Delta R.T. 0.01 min

Lab File: VV009247.D

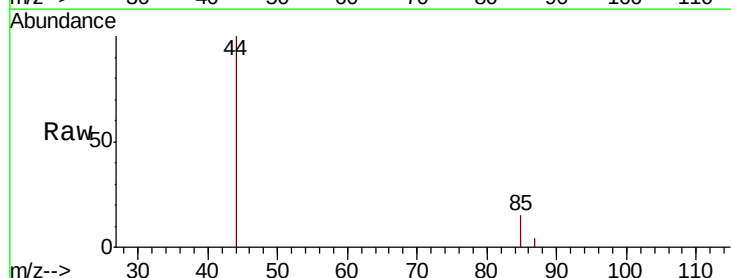
Acq: 23 Jan 2019 14:39

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) (-)

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

1.15

800

600

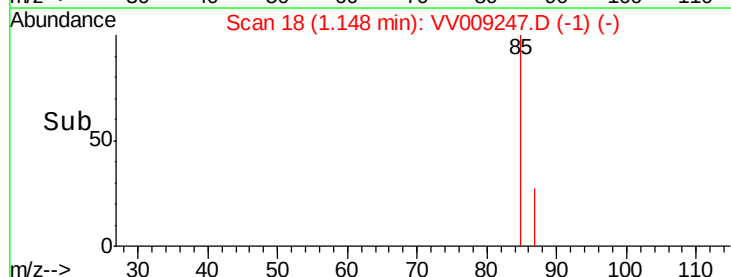
400

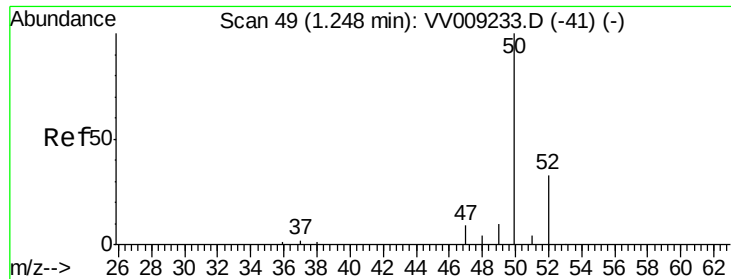
200

0

1.10 1.15 1.20

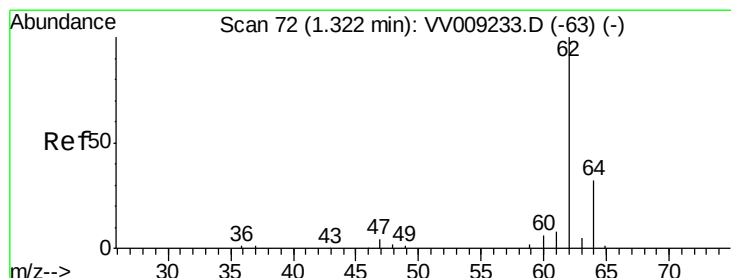
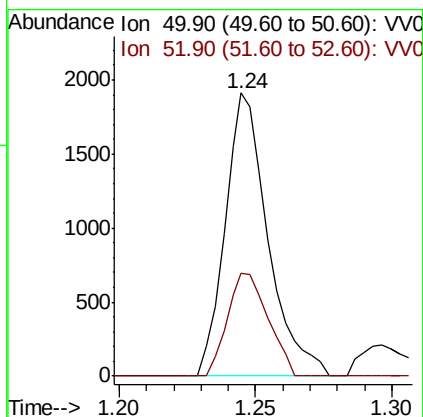
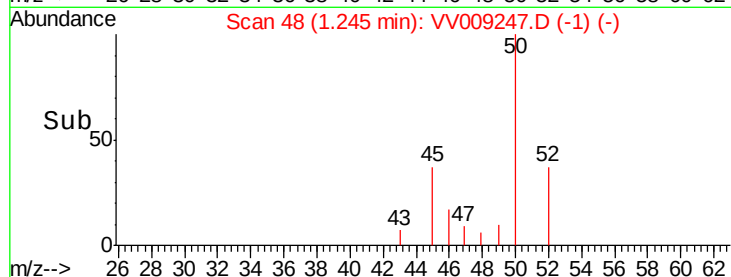
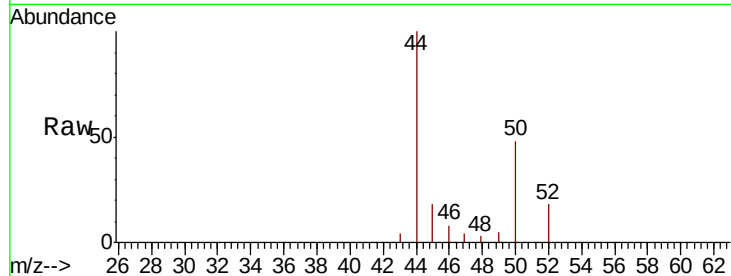
Time-->





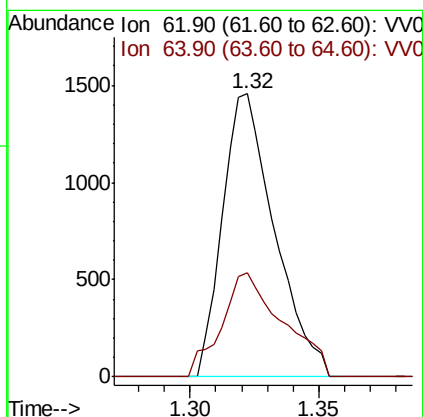
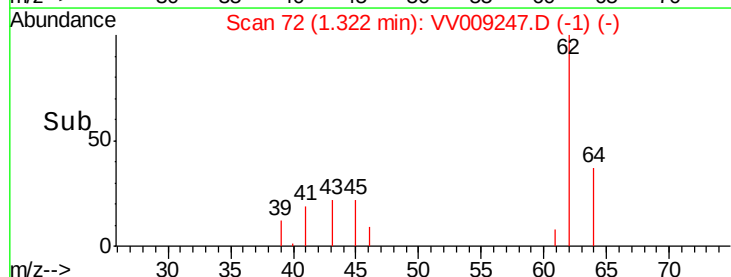
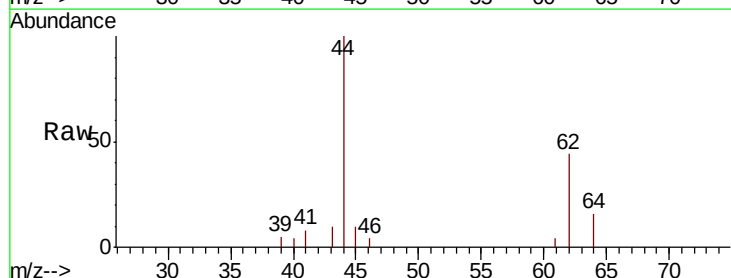
#3
Chloromethane
Concen: 2.401 ug/l
RT: 1.24 min Scan# 48
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

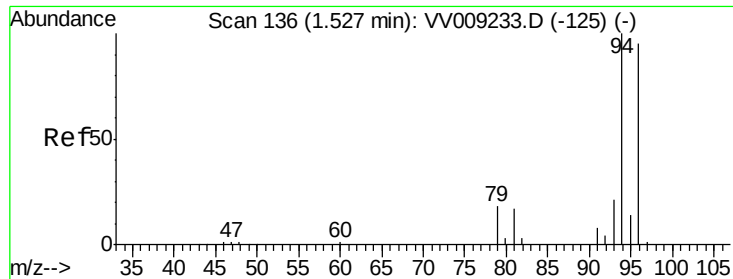
Tgt Ion: 50 Resp: 2088
Ion Ratio Lower Upper
50 100
52 36.6 26.3 39.5



#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

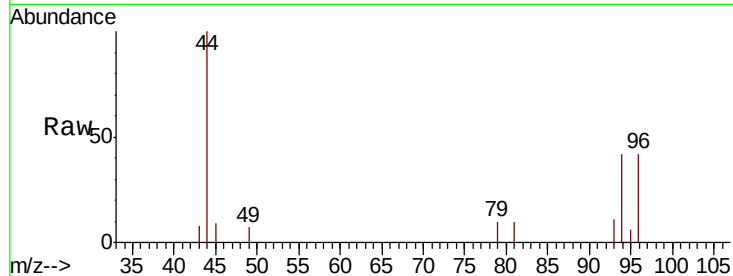
Acq: 23 Jan 2019 14:39

Tgt Ion: 94 Resp: 1319

Ion Ratio Lower Upper

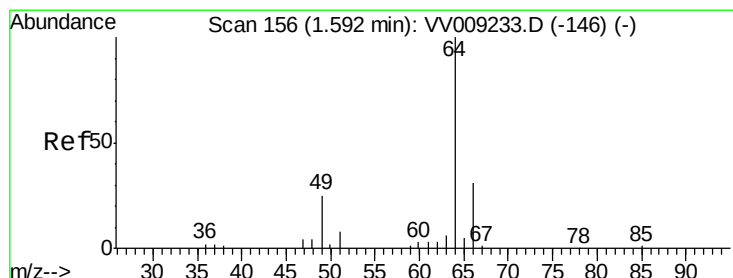
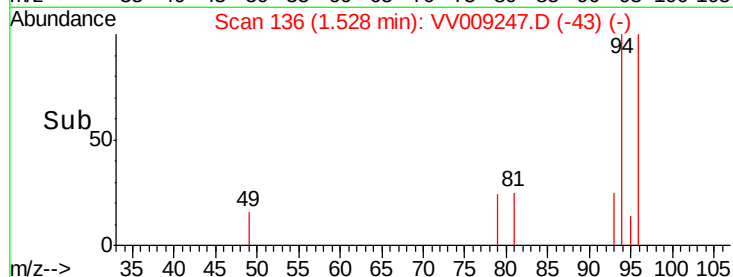
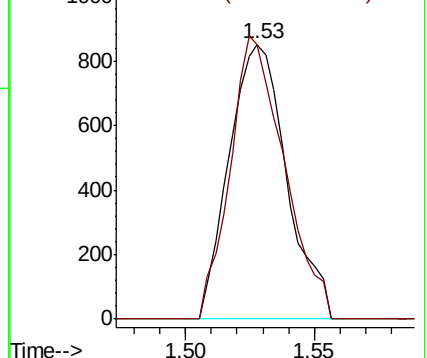
94 100

96 99.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VV009233.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VV009233.D (-125) (-)



#6

Chloroethane

Concen: 2.325 ug/l

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV009247.D

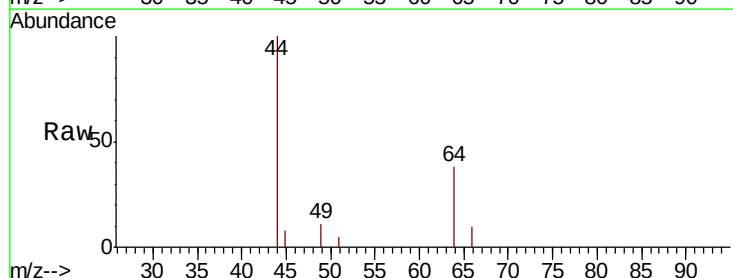
Acq: 23 Jan 2019 14:39

Tgt Ion: 64 Resp: 1284

Ion Ratio Lower Upper

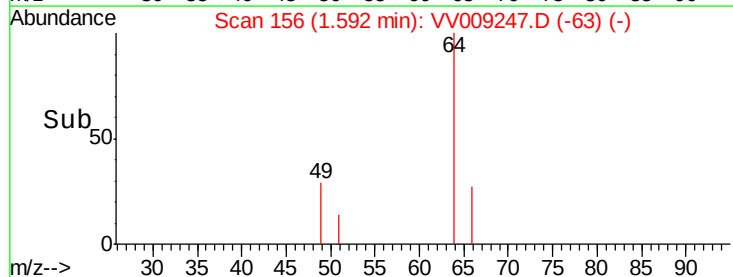
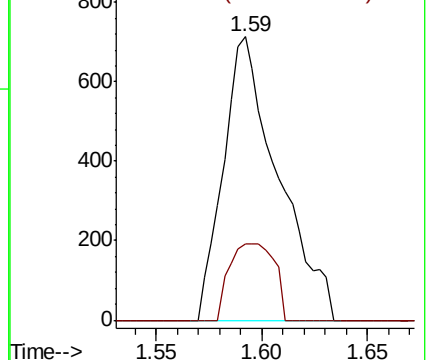
64 100

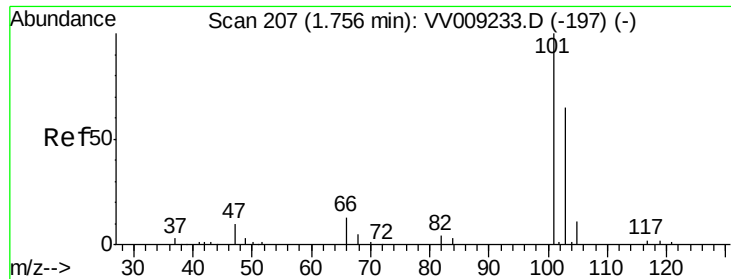
66 26.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VV009233.D (-146) (-)

Ion 65.90 (65.60 to 66.60): VV009233.D (-146) (-)

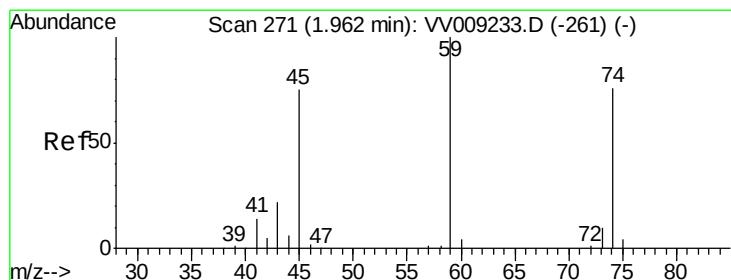
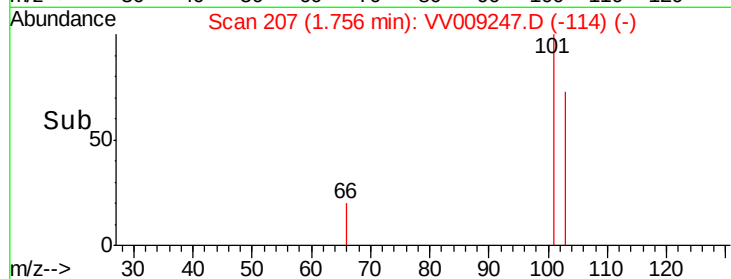
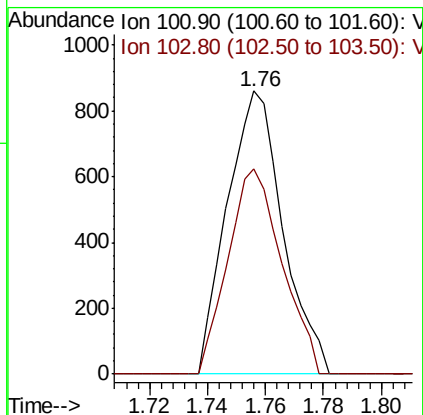
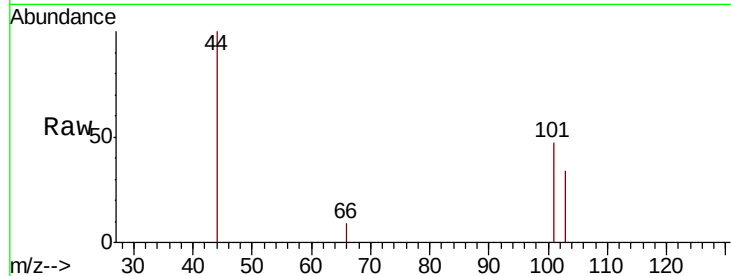




#7

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

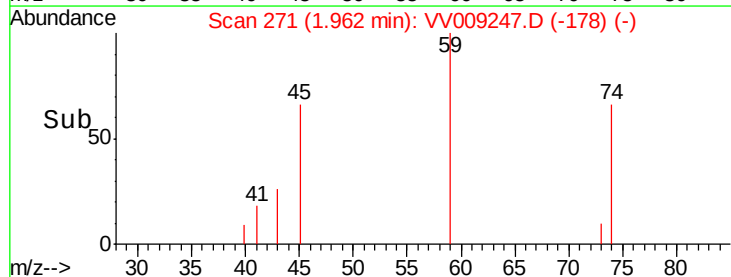
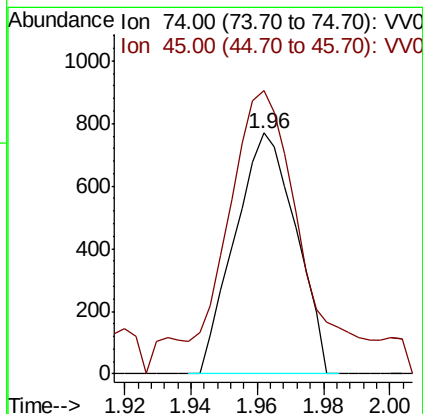
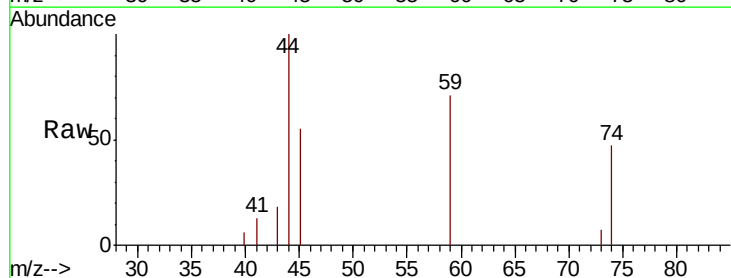
Tgt Ion: 101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 103 72.7 52.2 78.4

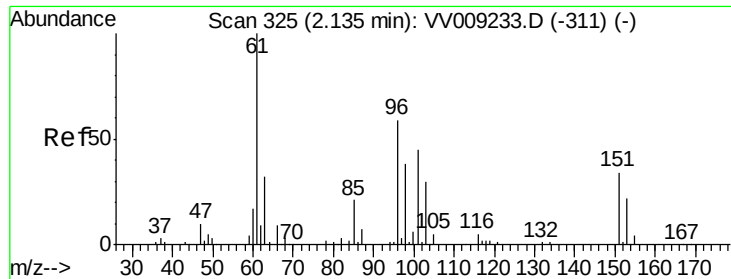


#8

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





#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

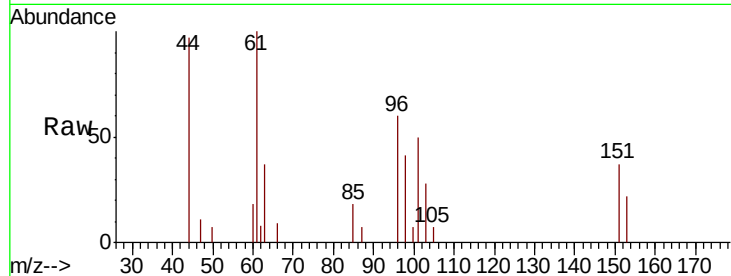
Tgt Ion:101 Resp: 1892

Ion Ratio Lower Upper

101 100

85 38.8 35.3 52.9

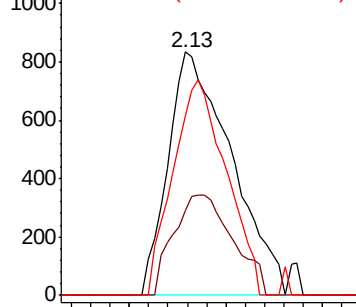
151 74.5 60.1 90.1



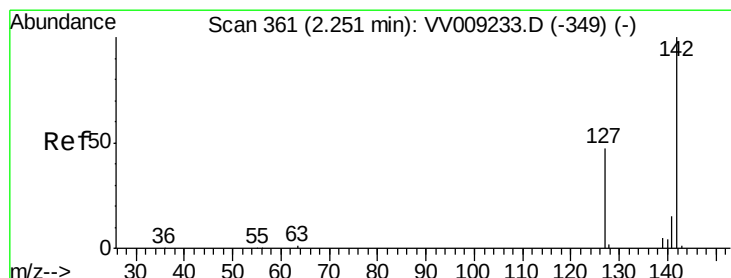
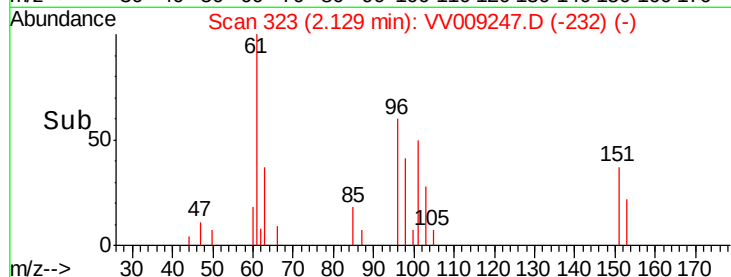
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



Time-->



#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

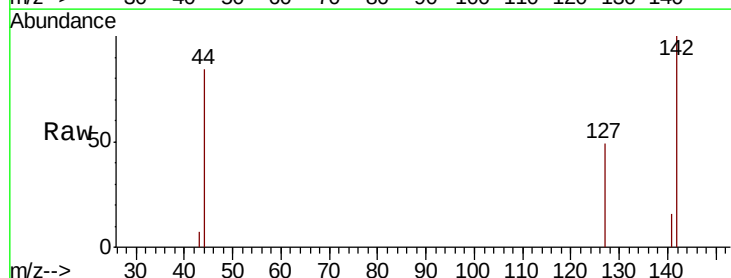
Tgt Ion:142 Resp: 3190

Ion Ratio Lower Upper

142 100

127 45.5 37.9 56.9

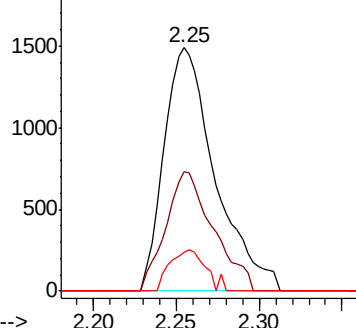
141 11.9 11.7 17.5



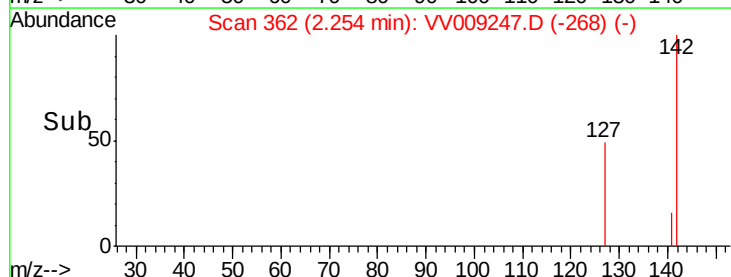
Abundance Ion 141.80 (141.50 to 142.50): V

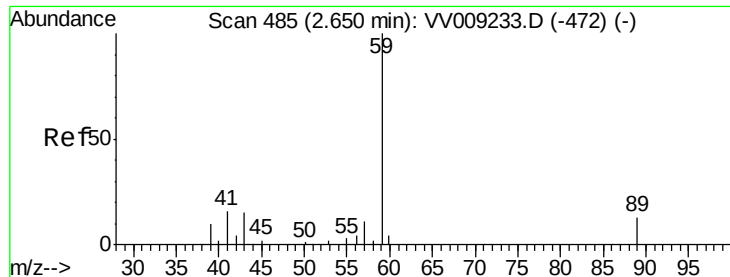
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



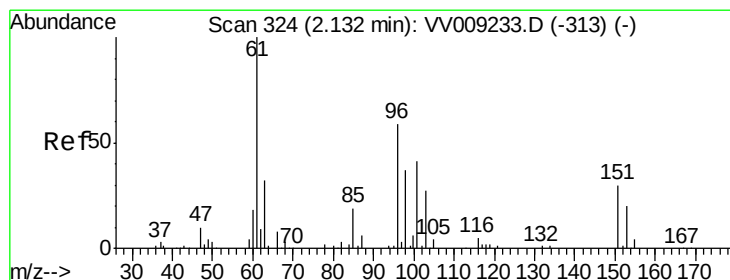
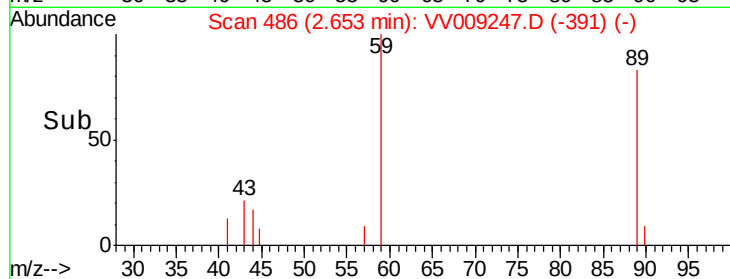
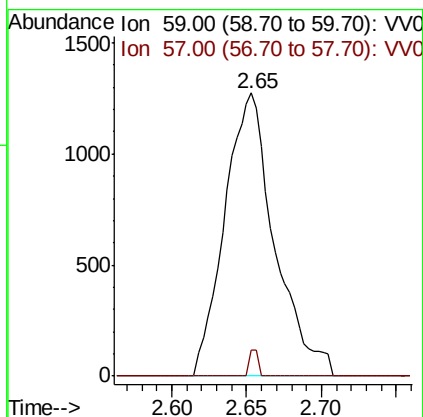
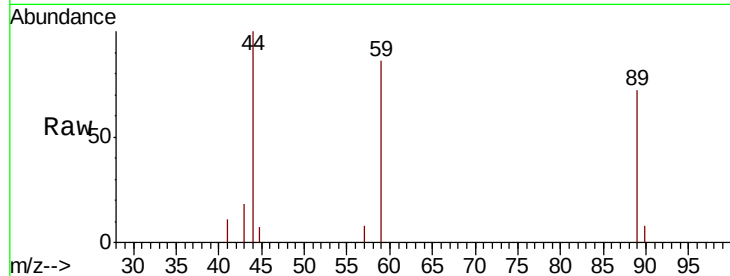
Time-->





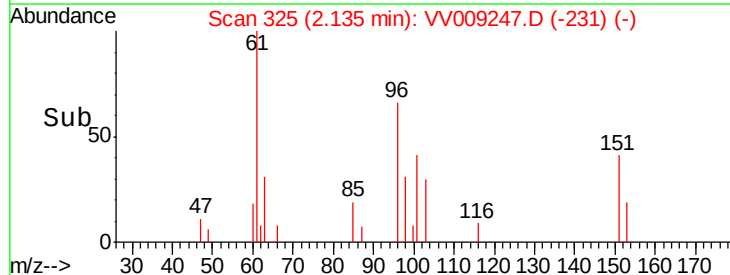
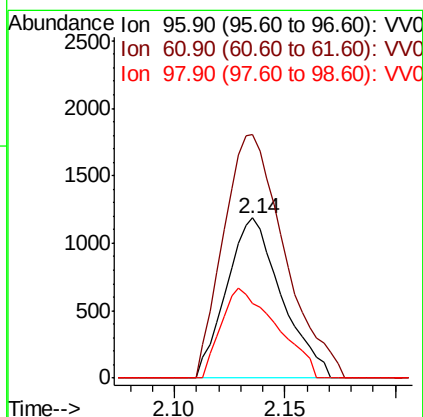
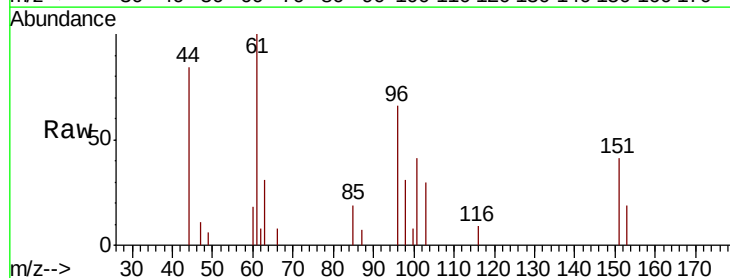
#11
Tert butyl alcohol
Concen: 31.673 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

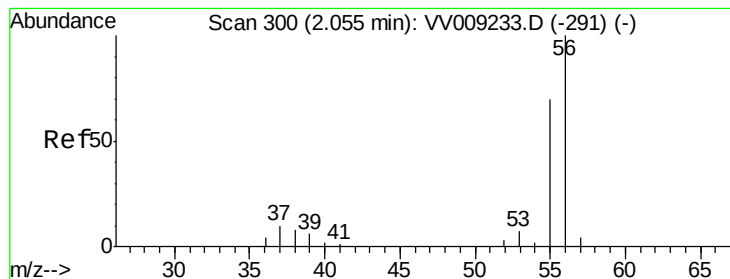
Tgt Ion: 59 Resp: 2961
Ion Ratio Lower Upper
59 100
57 1.5 8.4 12.6#



#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

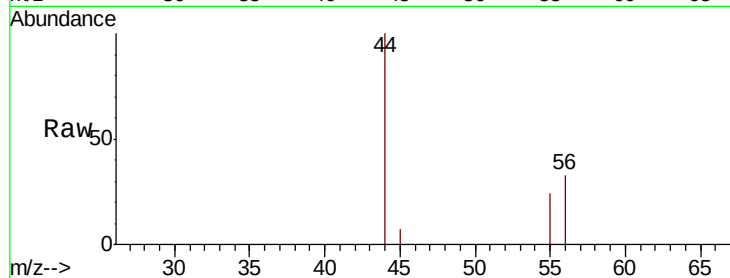
Acq: 23 Jan 2019 14:39

Tgt Ion: 56 Resp: 740

Ion Ratio Lower Upper

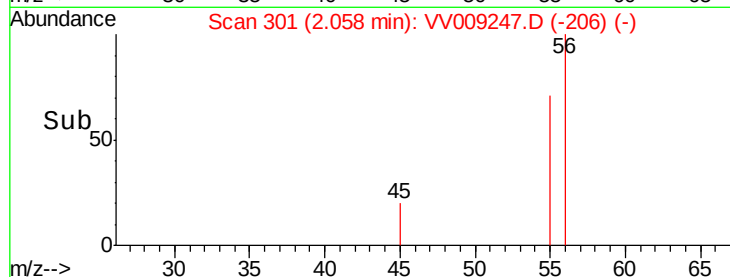
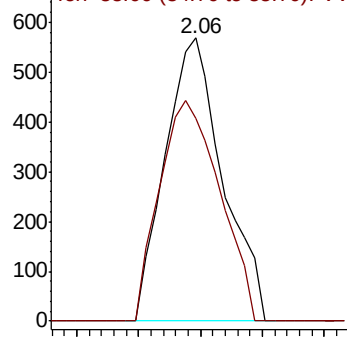
56 100

55 81.5 54.0 81.0#

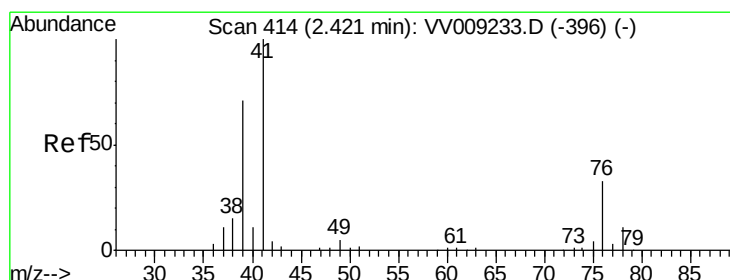


Abundance Ion 56.00 (55.70 to 56.70): VV009233.D

Ion 55.00 (54.70 to 55.70): VV009233.D



Time-->



#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

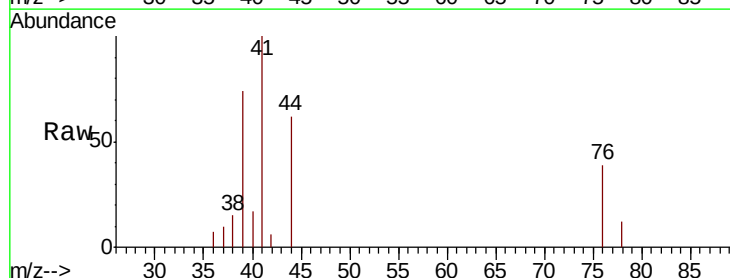
Tgt Ion: 41 Resp: 3202

Ion Ratio Lower Upper

41 100

39 74.4 55.1 82.7

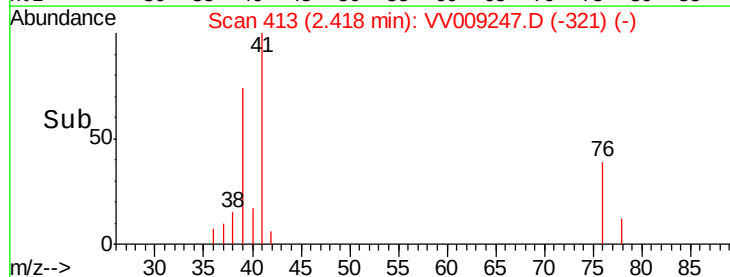
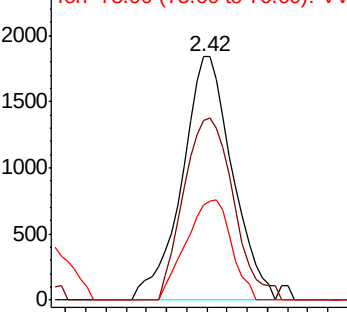
76 37.1 26.7 40.1



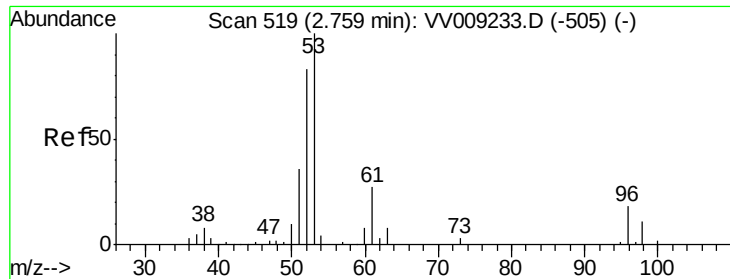
Abundance Ion 41.00 (40.70 to 41.70): VV009233.D

Ion 39.00 (38.70 to 39.70): VV009233.D

Ion 75.90 (75.60 to 76.60): VV009233.D

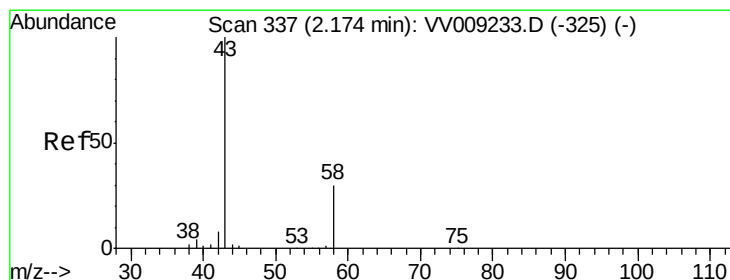
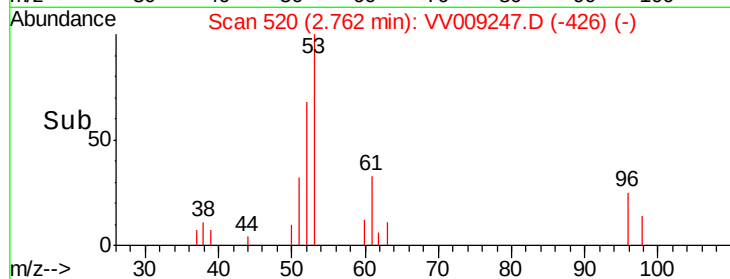
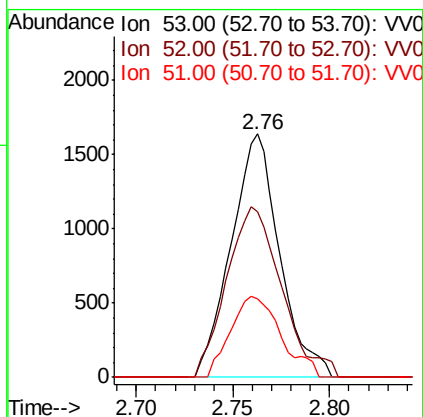
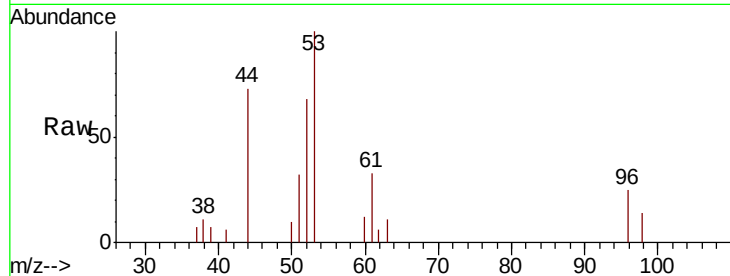


Time-->



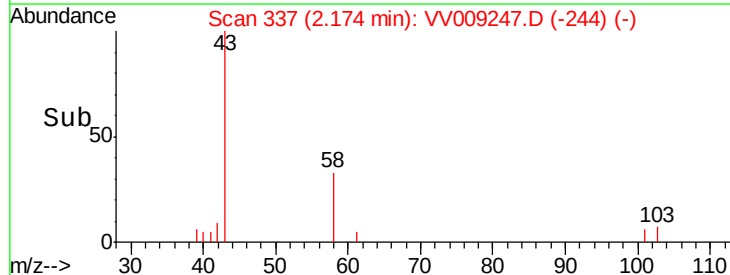
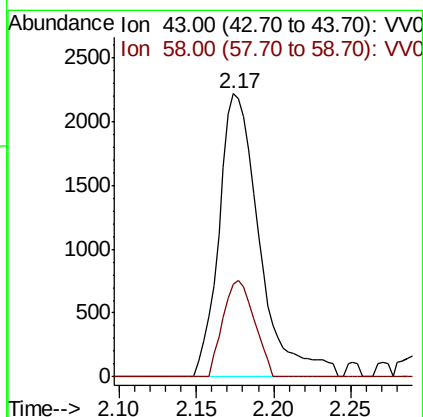
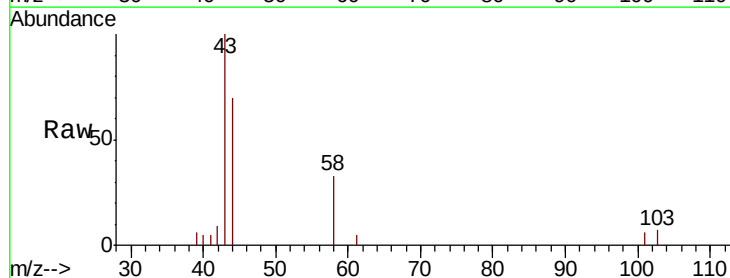
#15
 Acrylonitrile
 Concen: 15.129 ug/l
 RT: 2.76 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

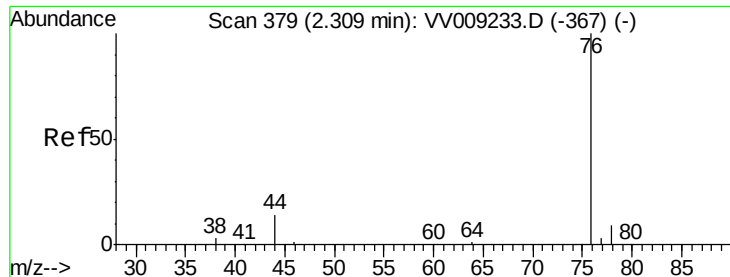
Tgt Ion:	53	Resp:	2858
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.3	97.9
51	34.8	29.0	43.4



#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





#17

Carbon Disulfide

Concen: 2.240 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV009247.D

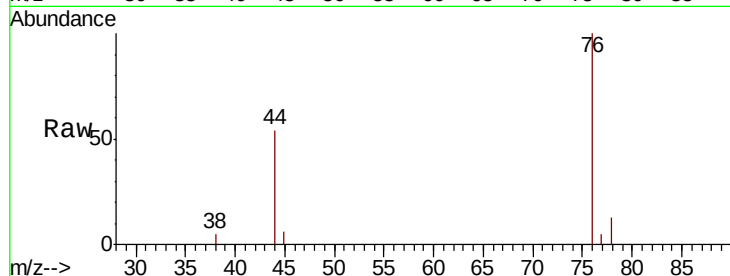
Acq: 23 Jan 2019 14:39

Tgt Ion: 76 Resp: 5797

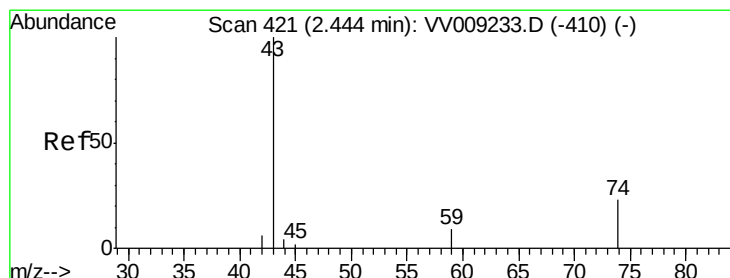
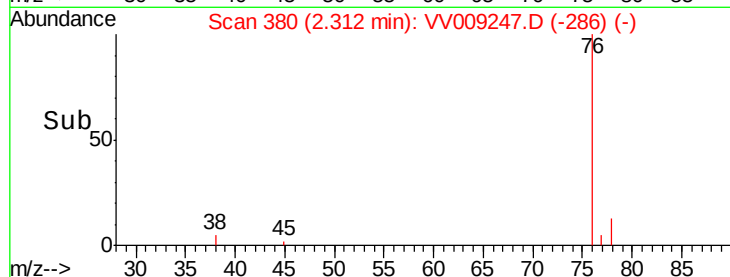
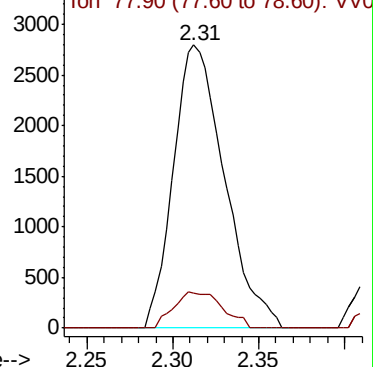
Ion Ratio Lower Upper

76 100

78 12.6 7.3 10.9#



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



#18

Methyl Acetate

Concen: 3.577 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009247.D

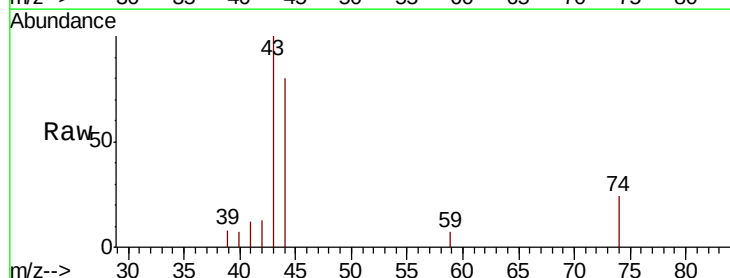
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 2525

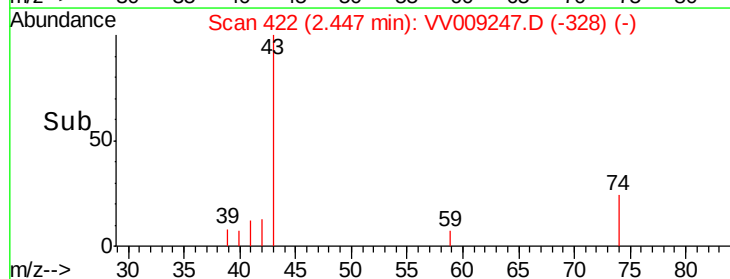
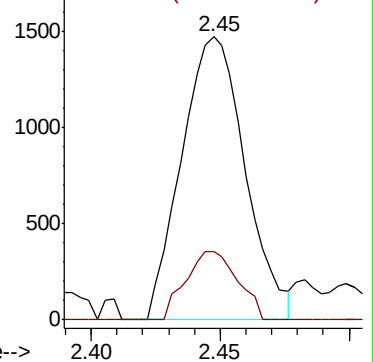
Ion Ratio Lower Upper

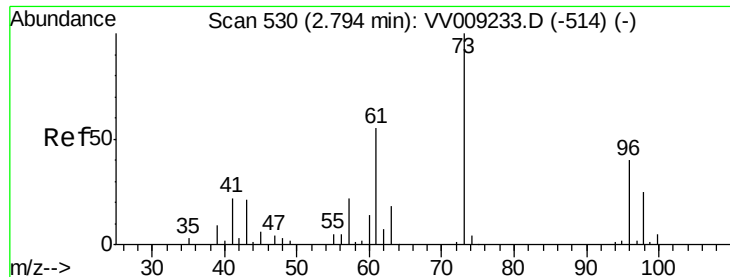
43 100

74 19.9 19.7 29.5



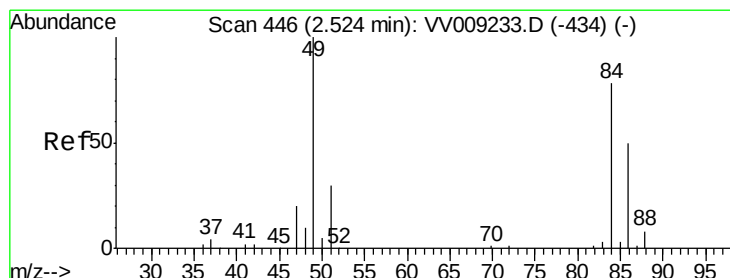
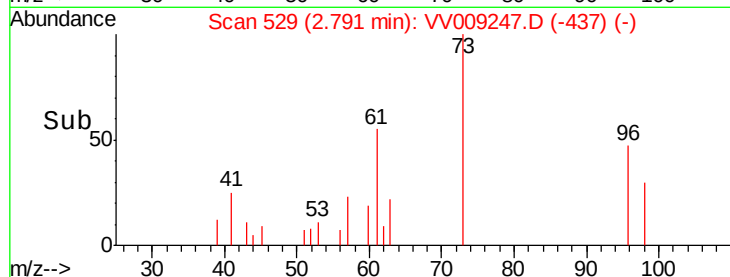
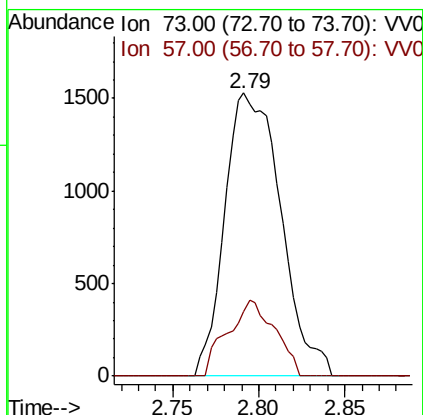
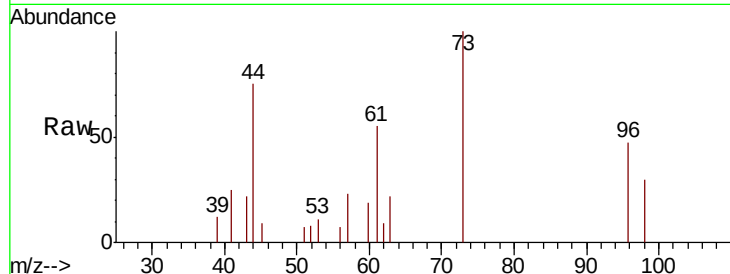
Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-410) (-)





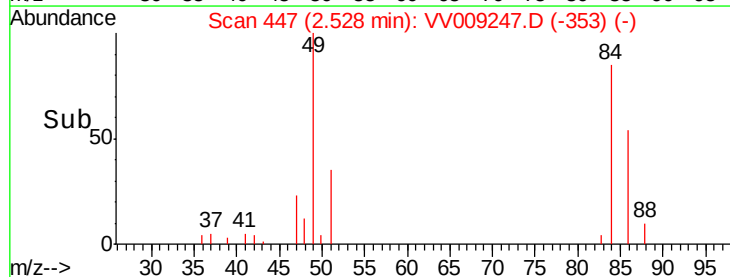
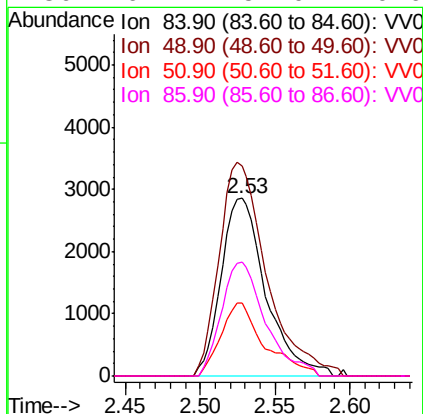
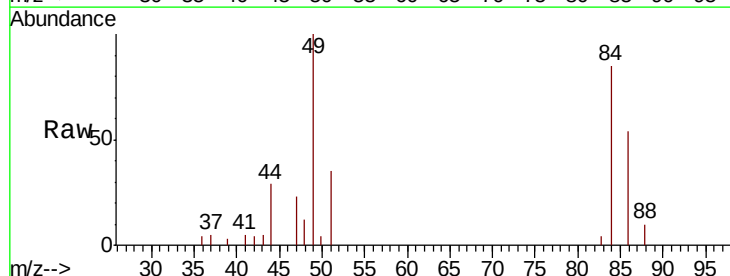
#19
Methyl tert-butyl Ether
Concen: 2.636 ug/l
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

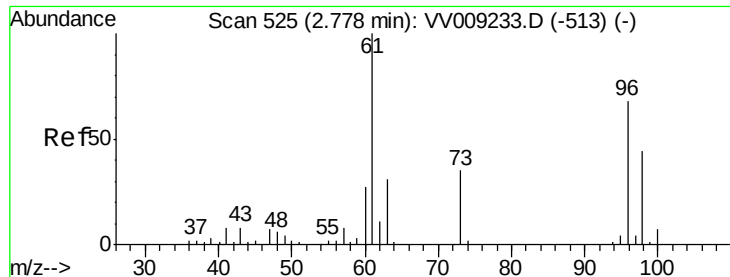
Tgt Ion: 73 Resp: 3462
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0



#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

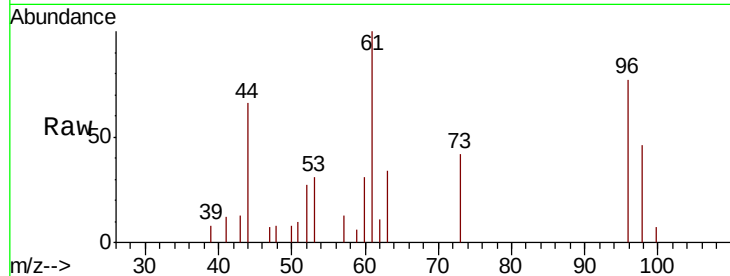
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 129.9 117.7 176.5

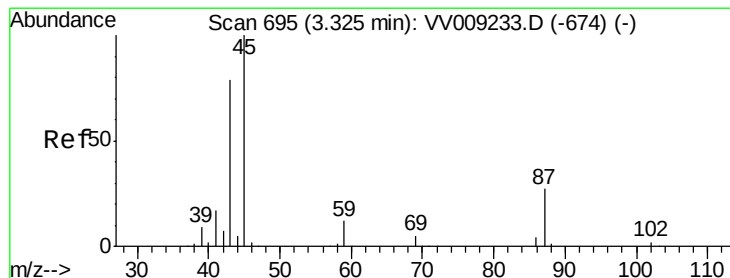
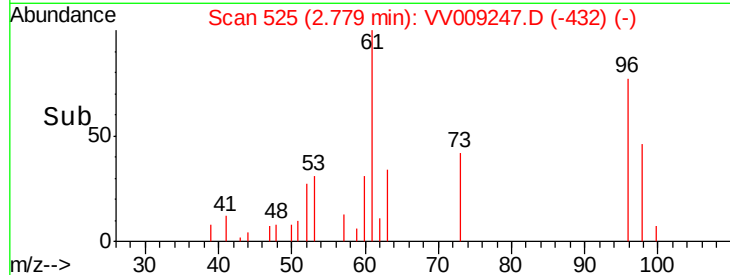
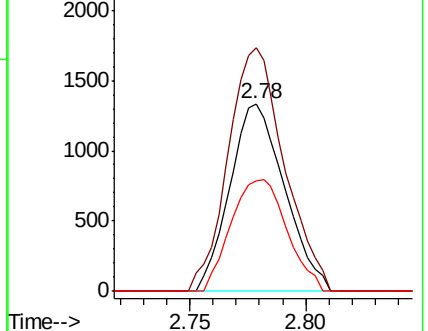
98 59.3 51.5 77.3



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

Ion 60.90 (60.60 to 61.60): VV009247.D (-432) (-)

Ion 97.90 (97.60 to 98.60): 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

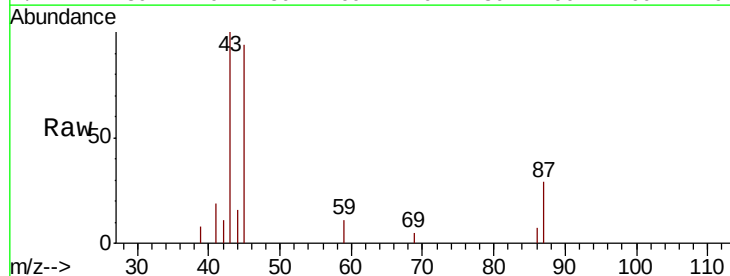
Ion Ratio Lower Upper

45 100

43 98.0 63.0 94.4#

87 31.3 21.5 32.3

59 11.9 9.3 13.9

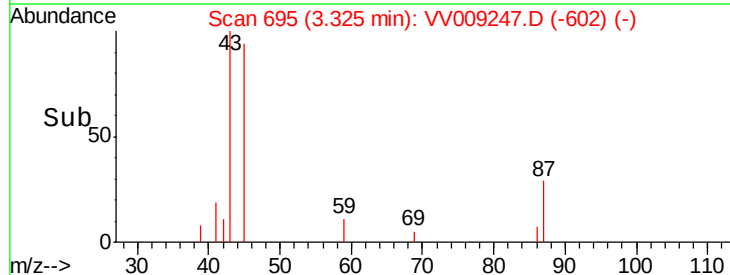
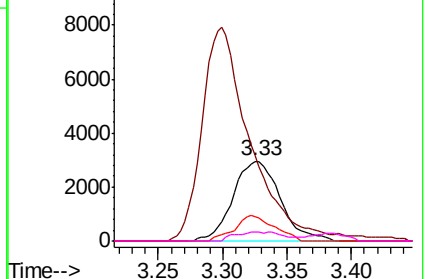


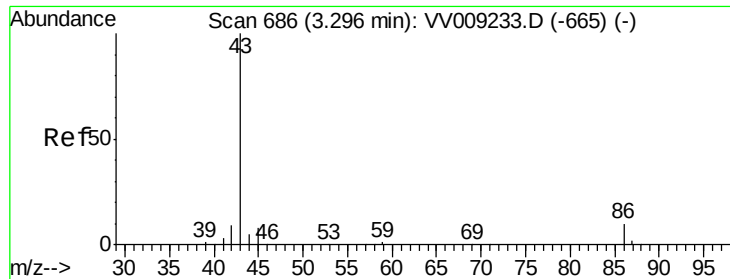
Abundance Ion 45.00 (44.70 to 45.70): VV009247.D (-602) (-)

Ion 43.00 (42.70 to 43.70): VV009247.D (-602) (-)

Ion 87.00 (86.70 to 87.70): VV009247.D (-602) (-)

Ion 59.00 (58.70 to 59.70): 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

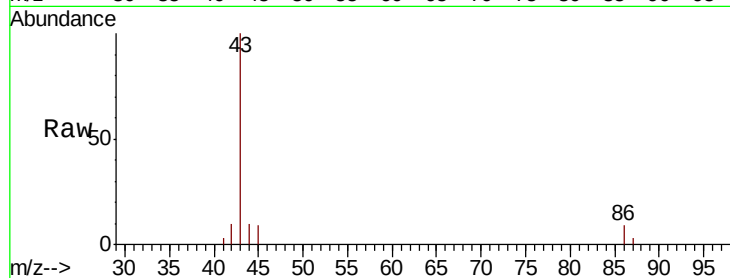
Acq: 23 Jan 2019 14:39

Tgt 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) (-)

3.30

8000

6000

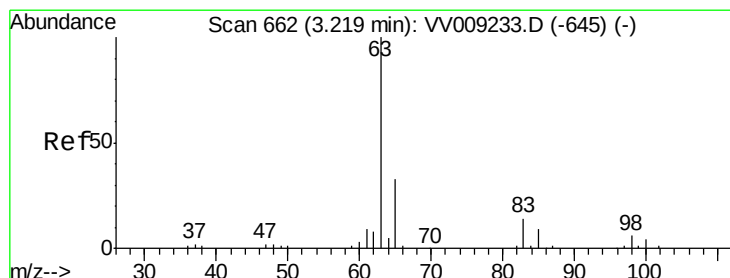
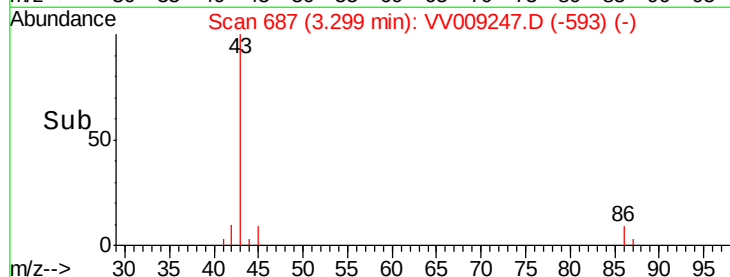
4000

2000

0

Time-->

3.20 3.25 3.30 3.35 3.40



#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

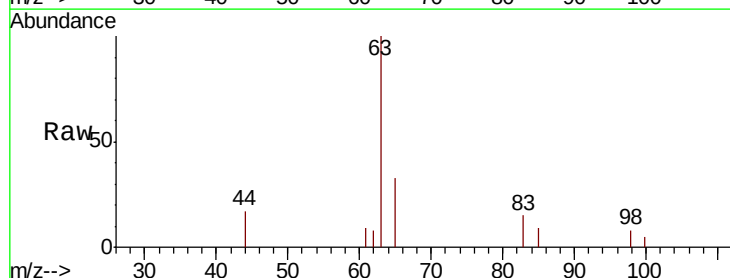
Tgt Ion: 63 Resp: 4565

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) (-)

3.22

3000

2500

2000

1500

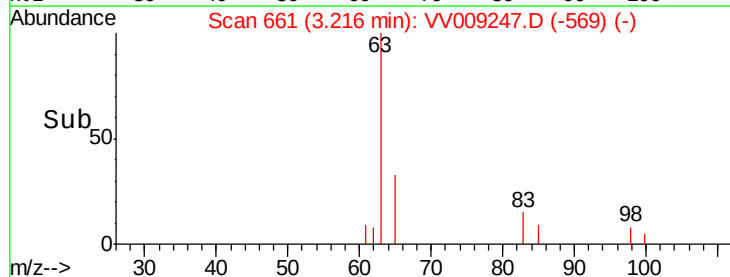
1000

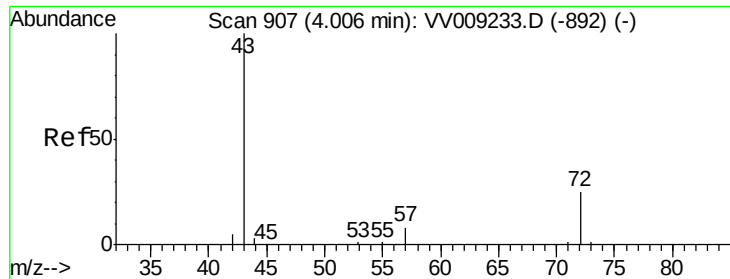
500

0

Time-->

3.15 3.20 3.25





#25

2-Butanone

Concen: 13.352 ug/l

RT: 4.02 min Scan# 912

Delta R.T. 0.02 min

Lab File: VV009247.D

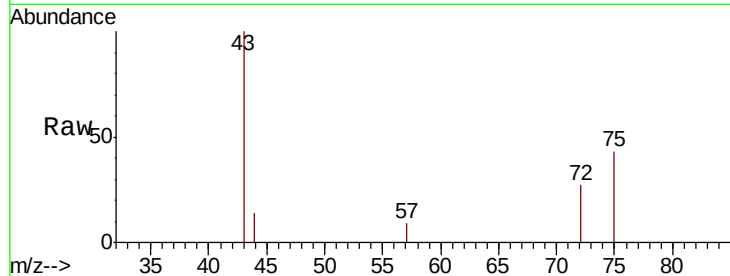
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 4035

Ion Ratio Lower Upper

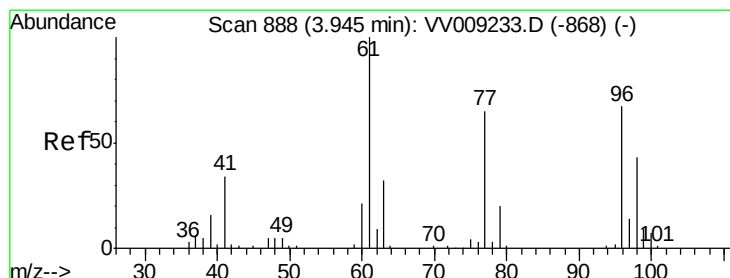
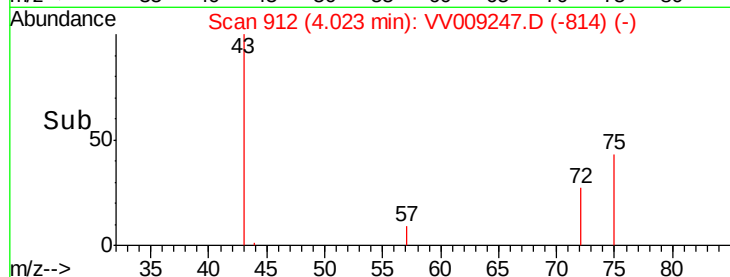
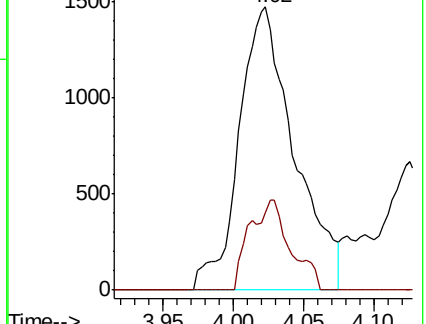
43 100

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

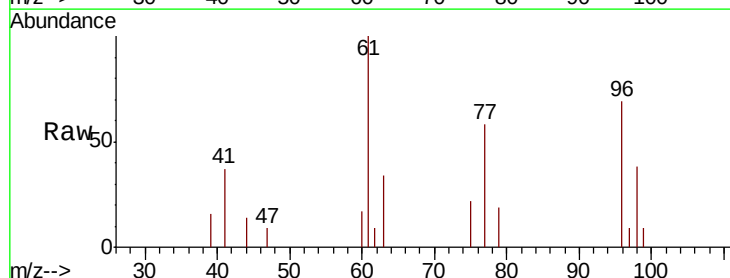
Acq: 23 Jan 2019 14:39

Tgt Ion: 77 Resp: 2384

Ion Ratio Lower Upper

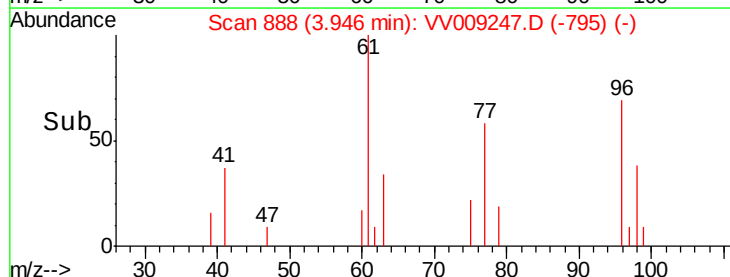
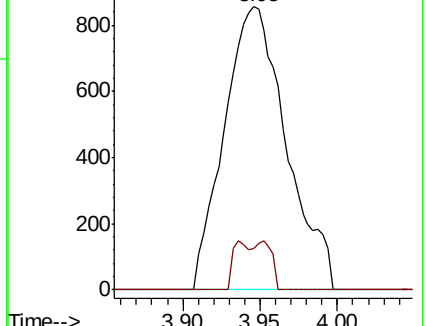
77 100

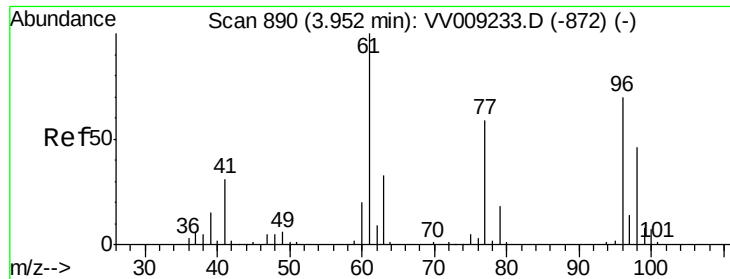
97 4.3 10.9 32.6#



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

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

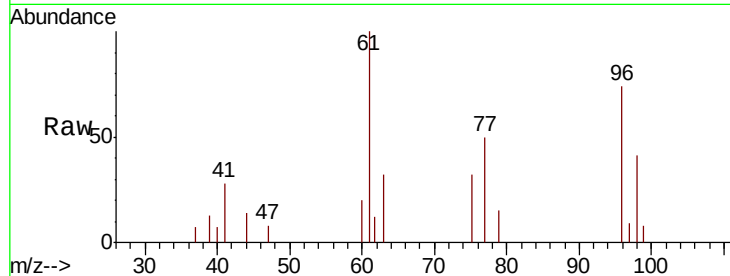




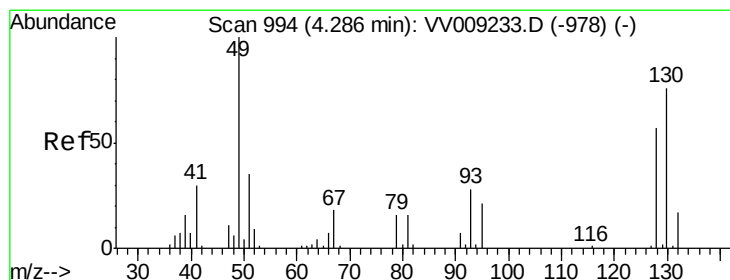
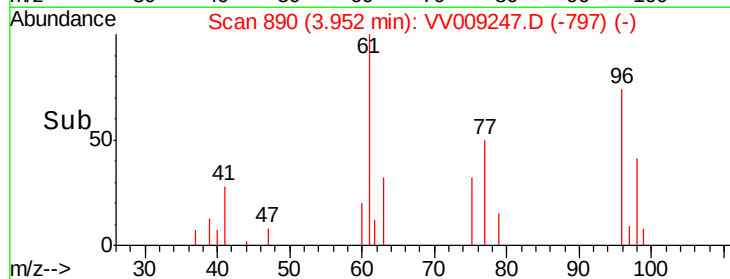
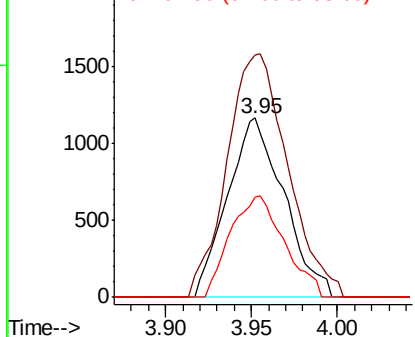
#27

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

Tgt Ion: 96 Resp: 2657
Ion Ratio Lower Upper
96 100
61 146.2 0.0 296.4
98 54.2 0.0 130.0



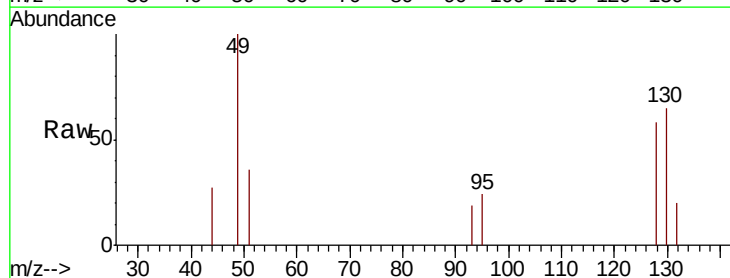
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



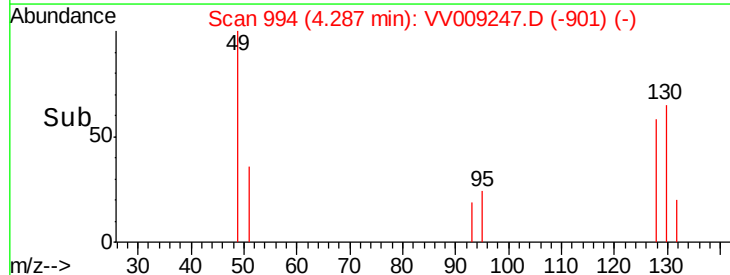
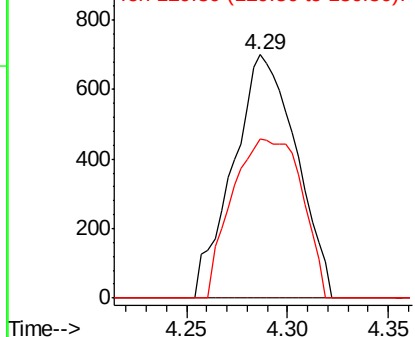
#28

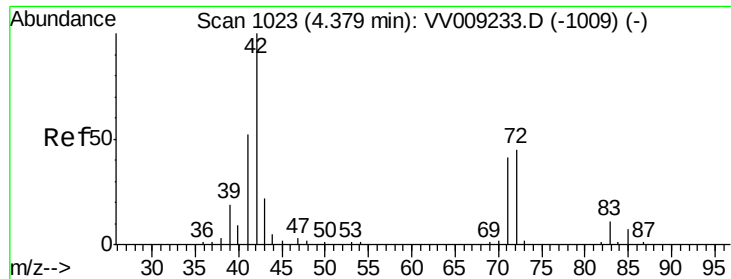
Bromochloromethane
Concen: 2.142 ug/l
RT: 4.29 min Scan# 994
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 49 Resp: 1527
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

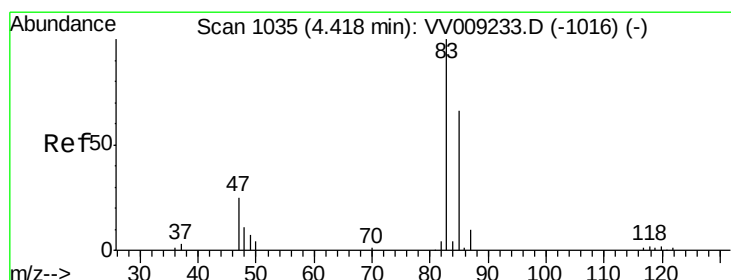
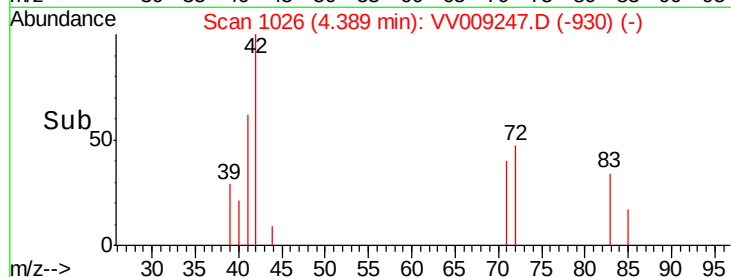
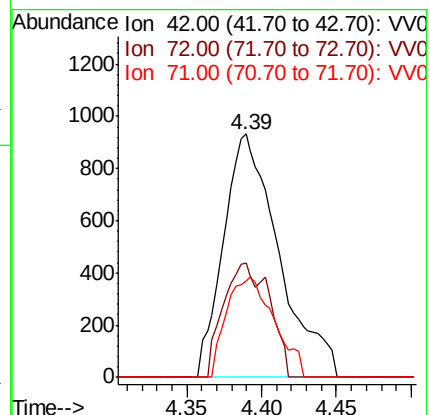
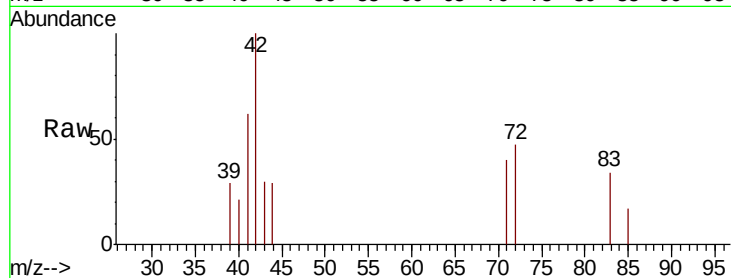
RT: 4.39 min Scan# 1026

Delta R.T. 0.01 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt Ion:	42	Resp:	2404
Ion	Ratio	Lower	Upper
42	100		
72	39.0	37.7	56.5
71	35.4	31.5	47.3



#30

Chloroform

Concen: 2.276 ug/l

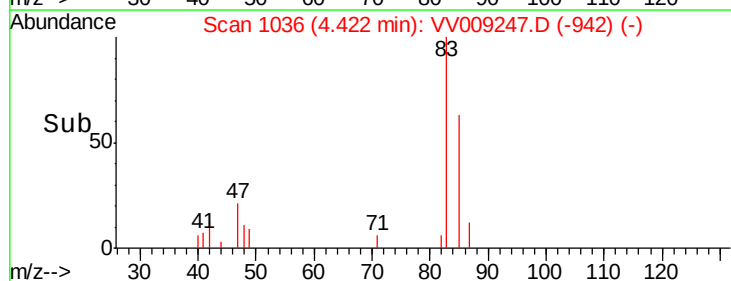
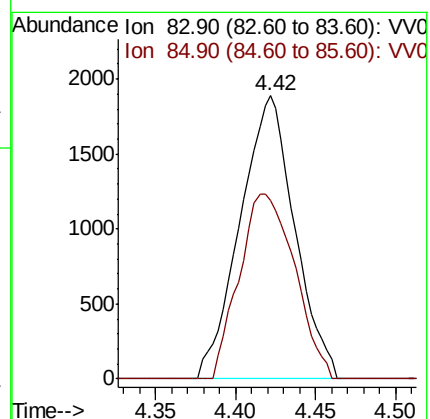
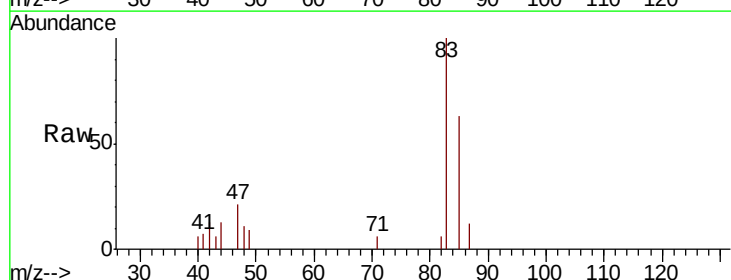
RT: 4.42 min Scan# 1036

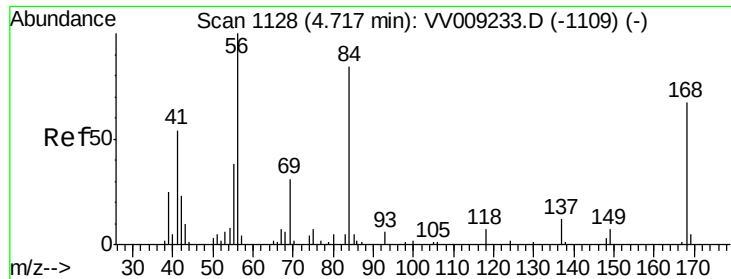
Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

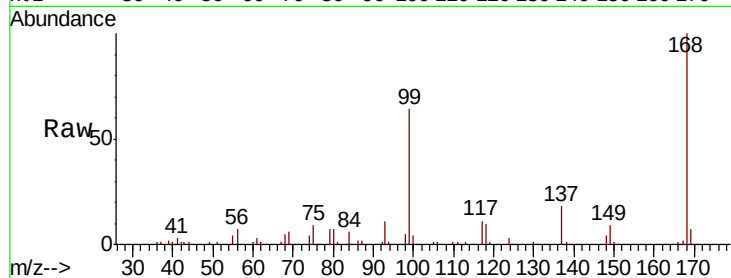
Tgt Ion:	83	Resp:	4415
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.6	79.0



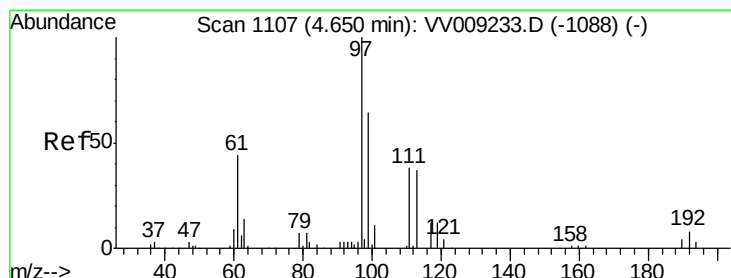
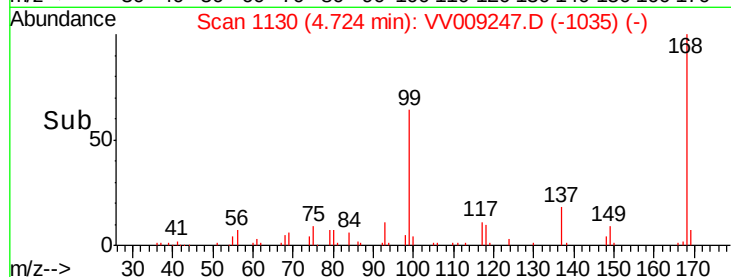
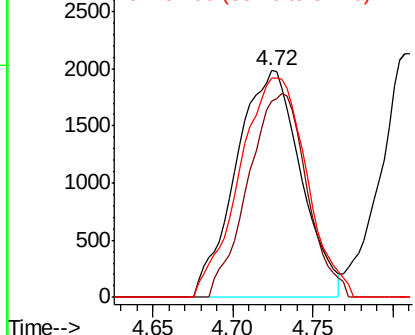


#31
Cyclohexane
Concen: 3.137 ug/l
RT: 4.72 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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

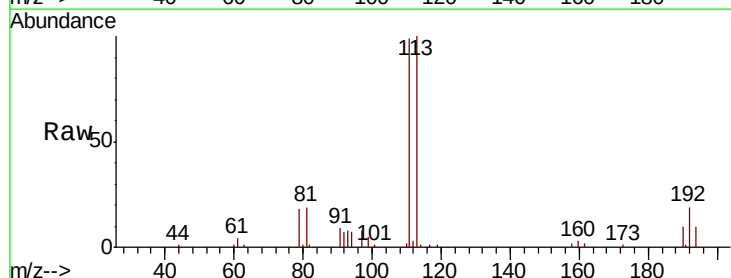


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

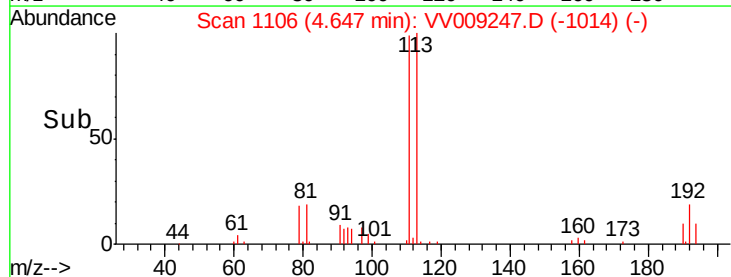
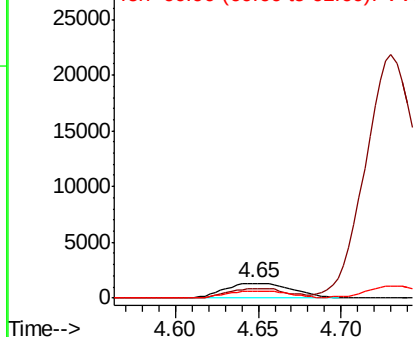


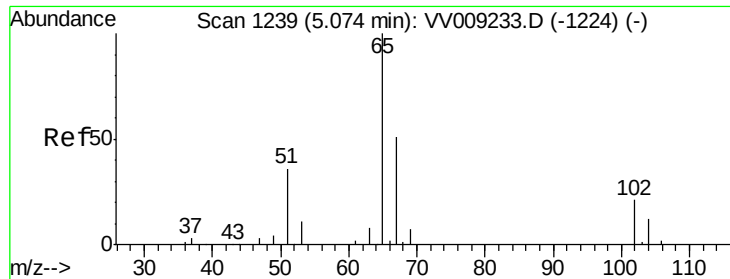
#32
1,1,1-Trichloroethane
Concen: 2.272 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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



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





#33

1,2-Dichloroethane-d4

Concen: 55.773 ug/l

RT: 5.08 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV009247.D

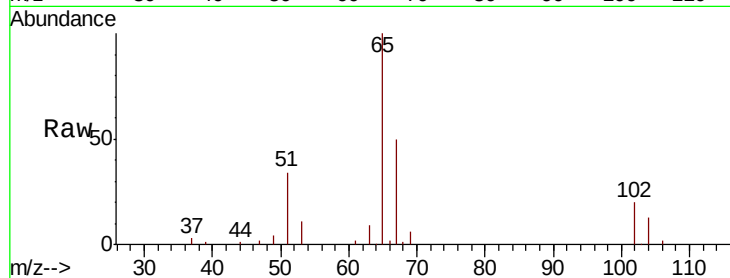
Acq: 23 Jan 2019 14:39

Tgt 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

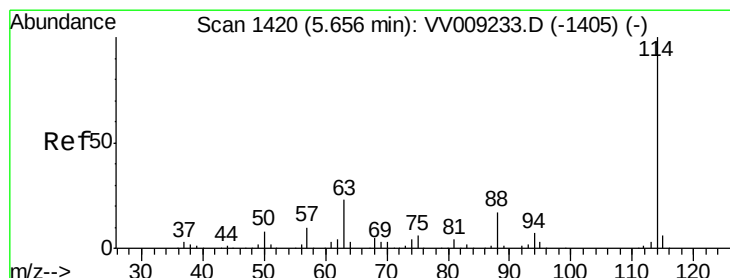
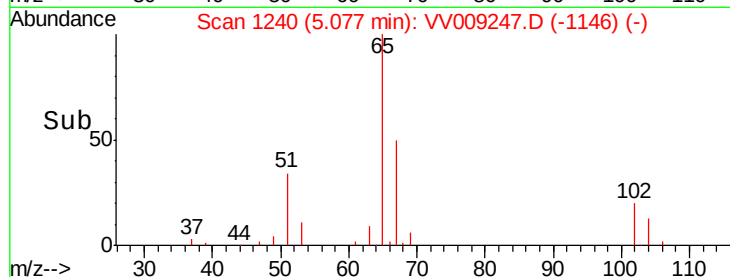
0

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

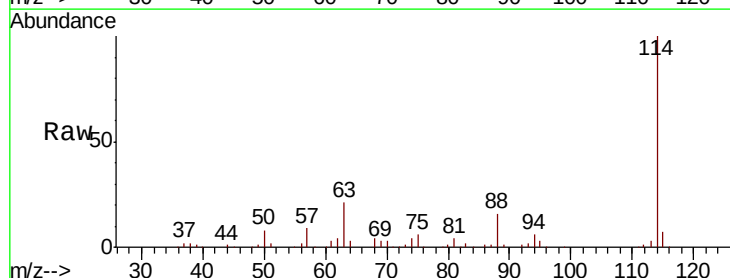
Tgt Ion: 114 Resp: 138264

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

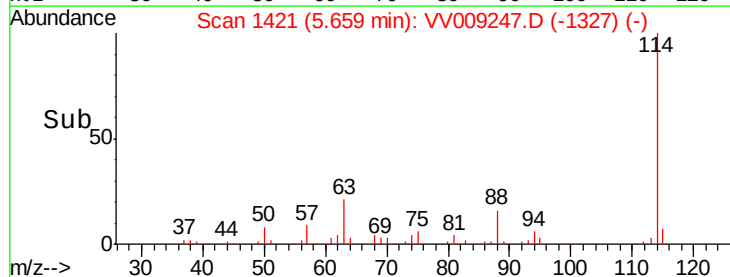
0

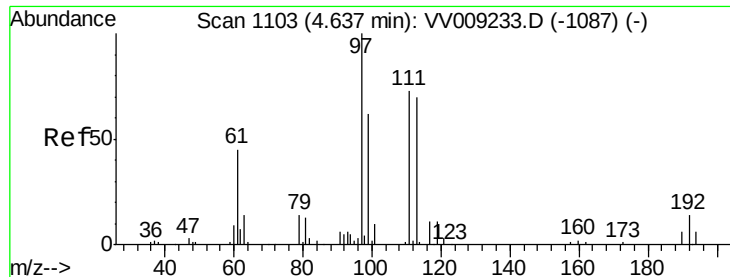
Time-->

5.60

5.70

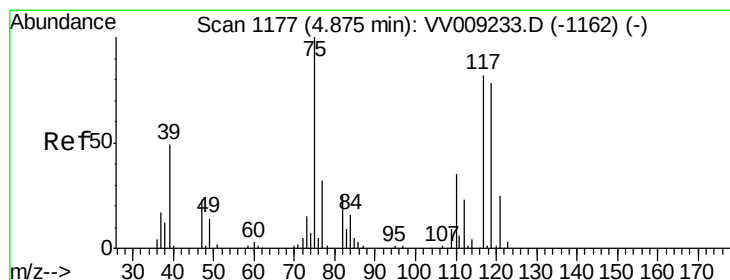
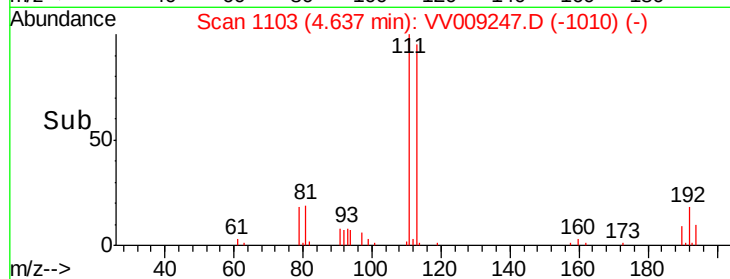
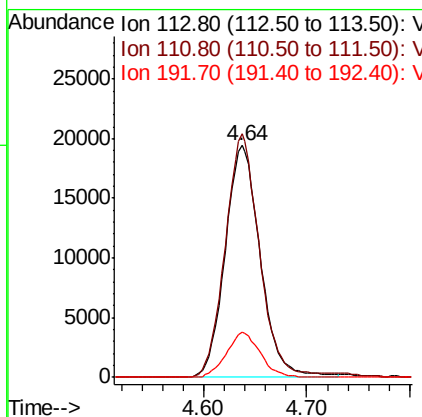
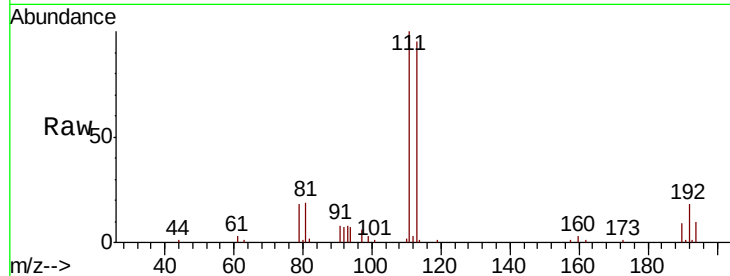
5.80





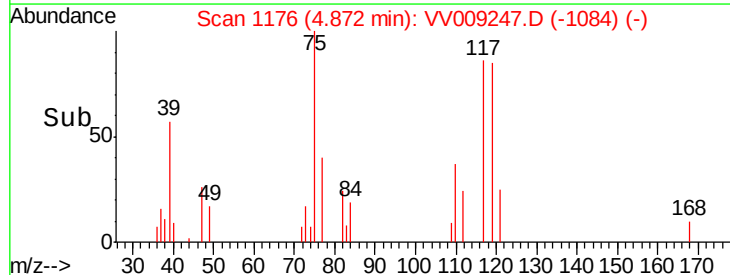
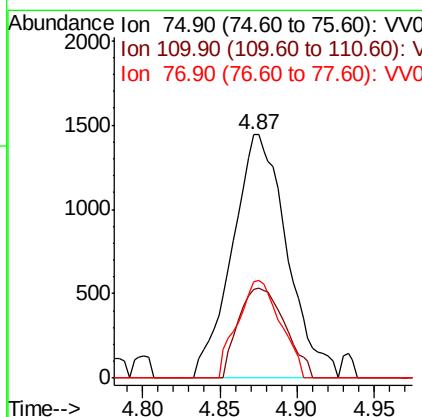
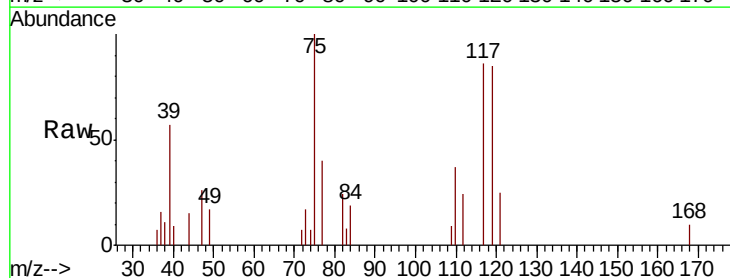
#35
 Dibromofluoromethane
 Concen: 51.225 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

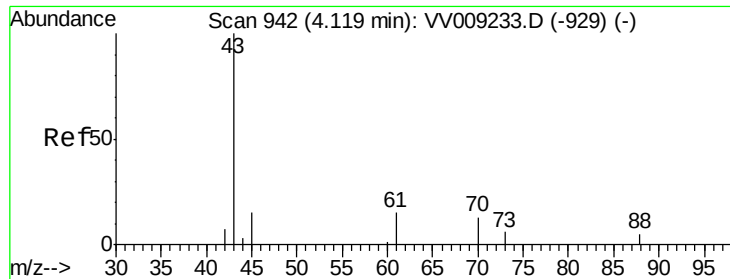
Tgt Ion: 113 Resp: 46088
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 18.4 15.0 22.6



#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





#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

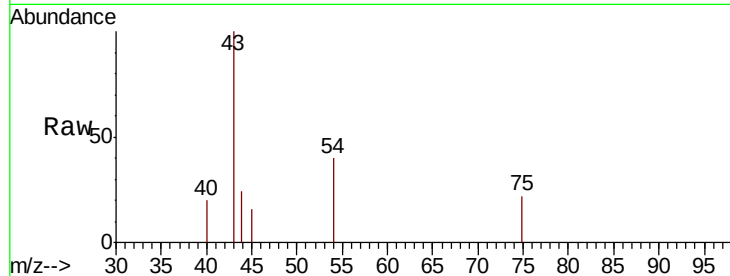
Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

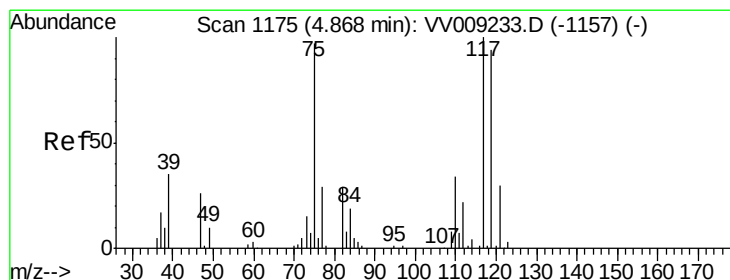
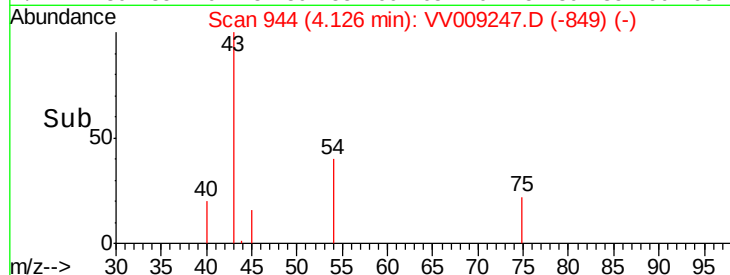
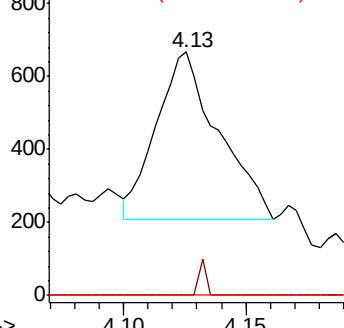
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 60.90 (60.60 to 61.60): VV0

Ion 70.00 (69.70 to 70.70): VV0



#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

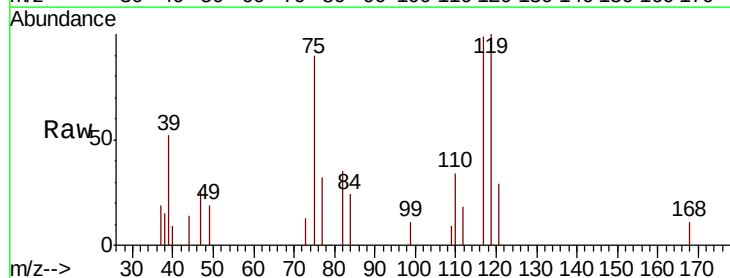
Tgt Ion: 117 Resp: 3143

Ion Ratio Lower Upper

117 100

119 101.2 75.4 113.2

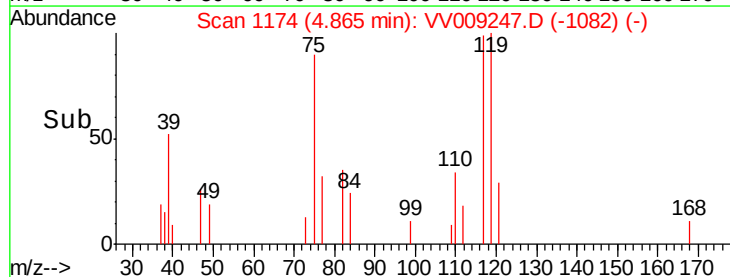
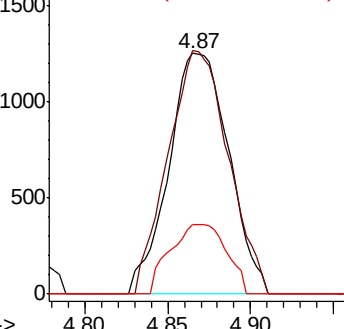
121 28.9 24.2 36.2

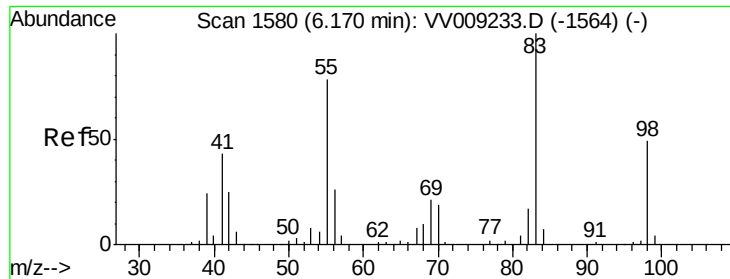


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

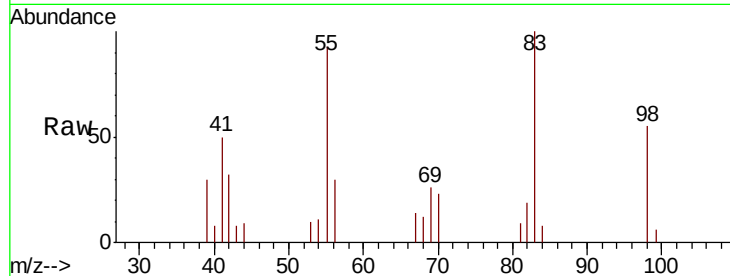
Ion 120.80 (120.50 to 121.50): V



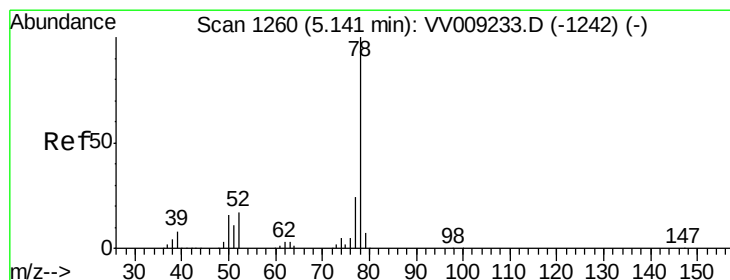
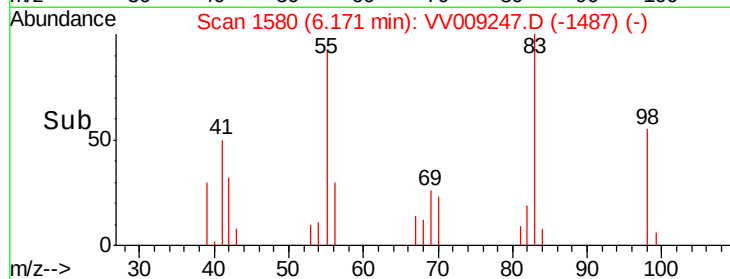
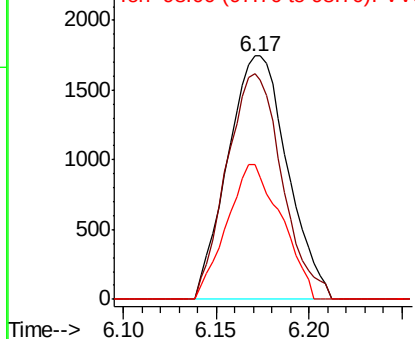


#39
Methylcyclohexane
Concen: 2.142 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 83 Resp: 3893
Ion Ratio Lower Upper
83 100
55 92.7 62.8 94.2
98 55.3 39.1 58.7

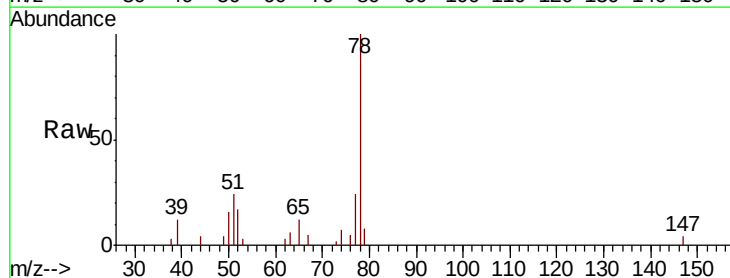


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

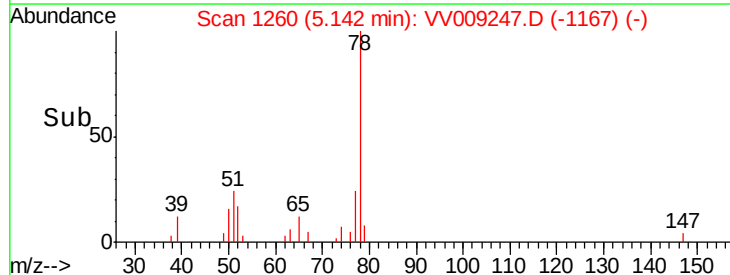
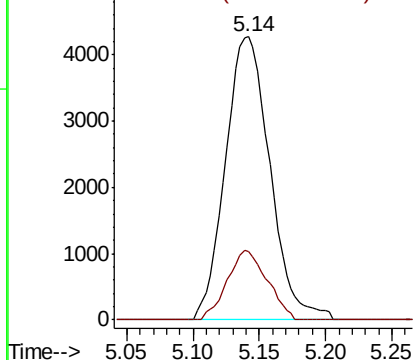


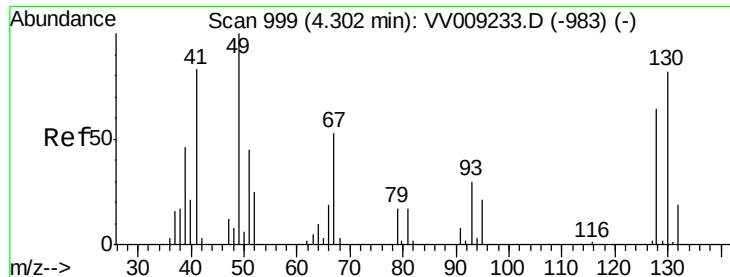
#40
Benzene
Concen: 2.328 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

Tgt Ion: 78 Resp: 9995
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2



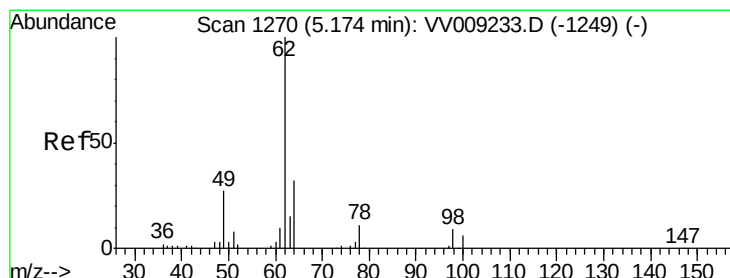
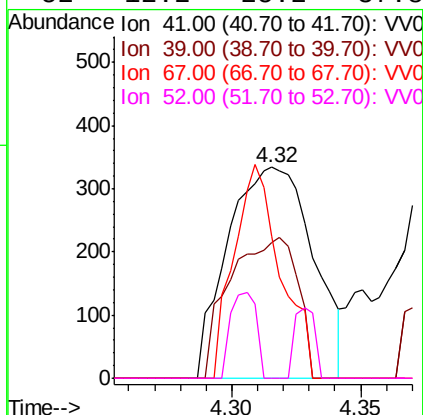
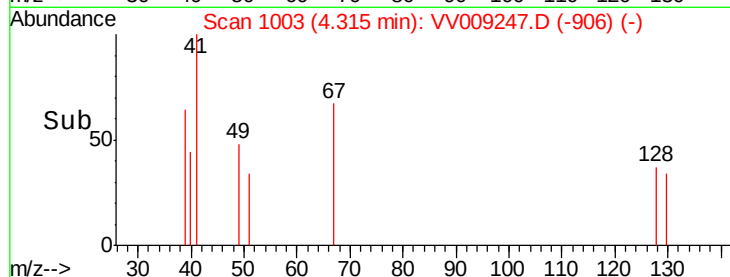
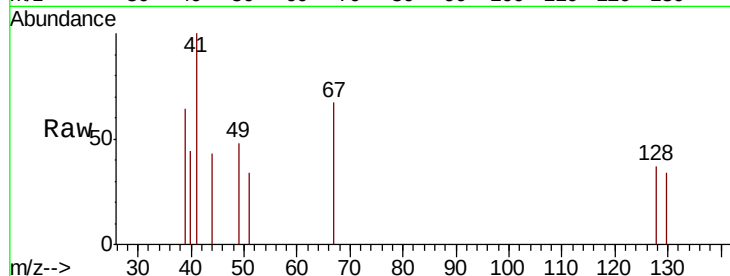
Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





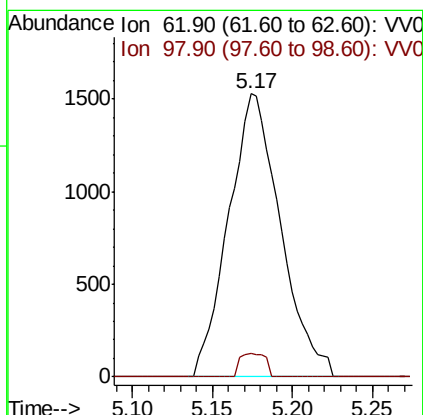
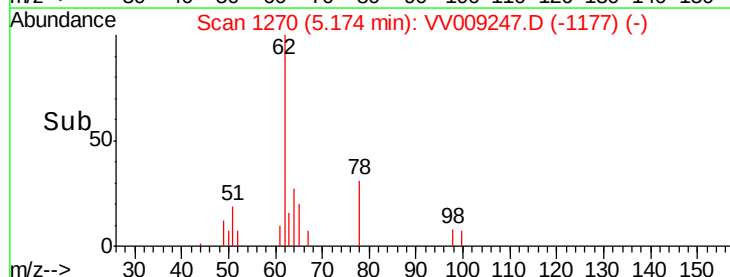
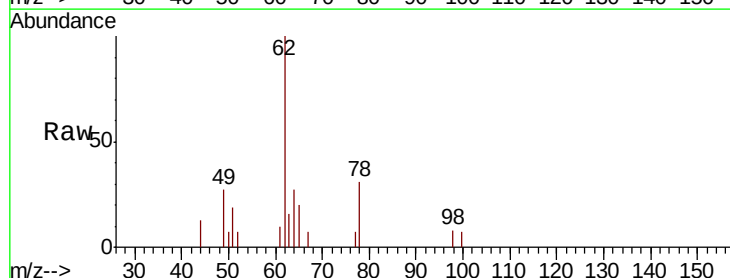
#41
Methacrylonitrile
Concen: 2.163 ug/l
RT: 4.32 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

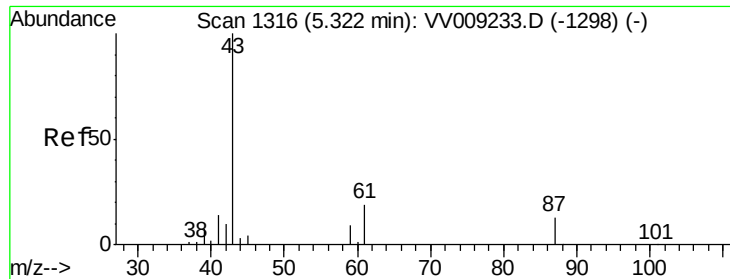
Tgt Ion: 41 Resp: 769
Ion Ratio Lower Upper
41 100
39 52.9 45.4 68.0
67 55.3 55.5 83.3#
52 12.2 25.2 37.8#



#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





#43

Isopropyl Acetate

Concen: 2.745 ug/l

RT: 5.33 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

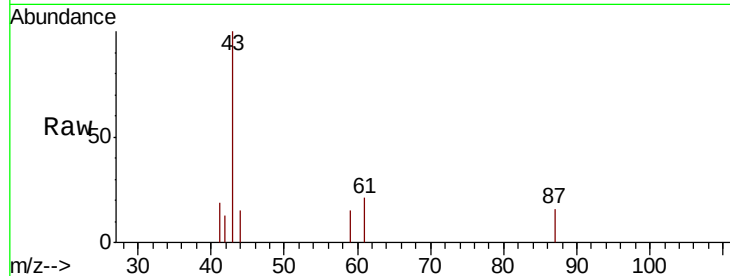
Tgt Ion: 43 Resp: 3185

Ion Ratio Lower Upper

43 100

61 16.6 15.4 23.0

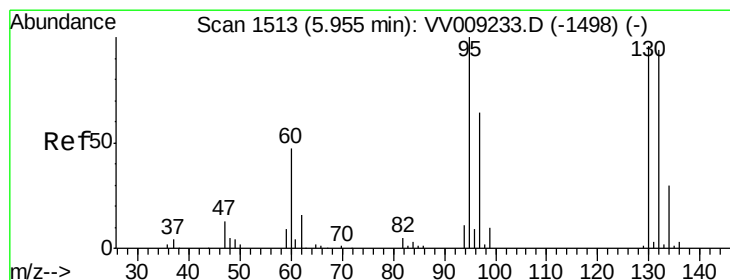
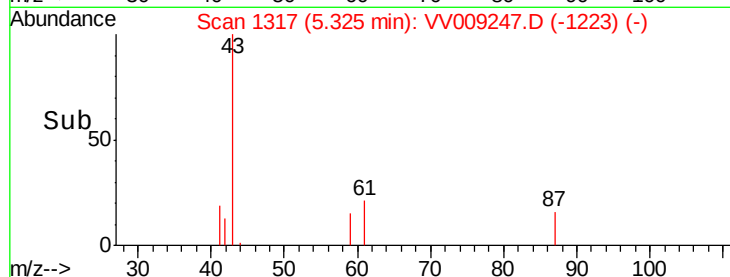
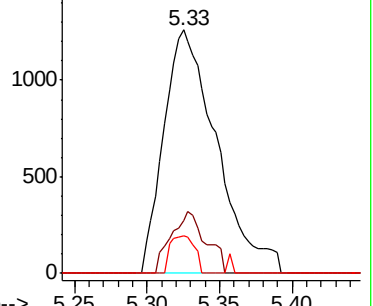
87 7.1 9.9 14.9#



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

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

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



#44

Trichloroethene

Concen: 2.433 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009247.D

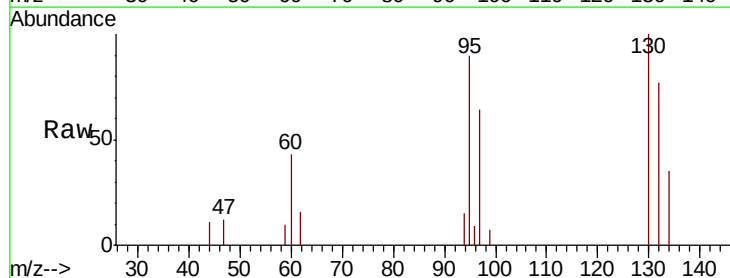
Acq: 23 Jan 2019 14:39

Tgt Ion: 130 Resp: 2749

Ion Ratio Lower Upper

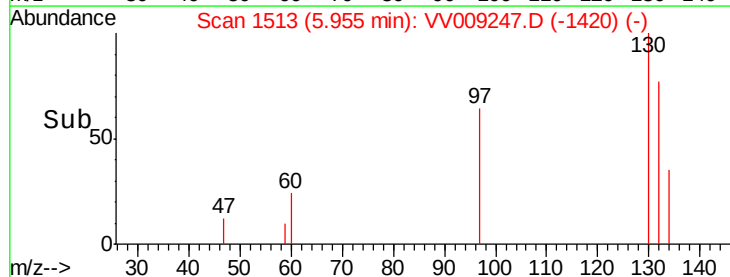
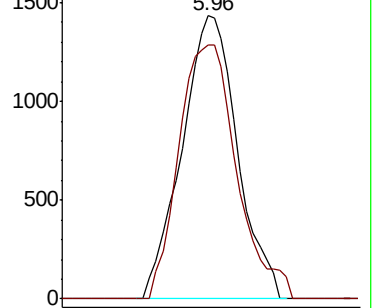
130 100

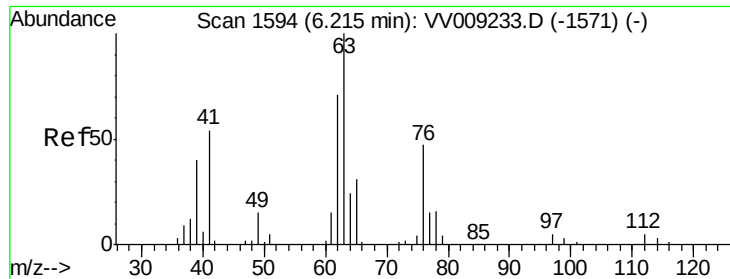
95 89.7 0.0 208.2



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

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





#45

1,2-Dichloropropane

Concen: 2.301 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV009247.D

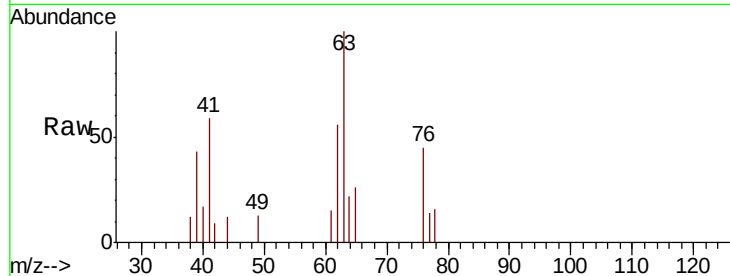
Acq: 23 Jan 2019 14:39

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

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

6.22

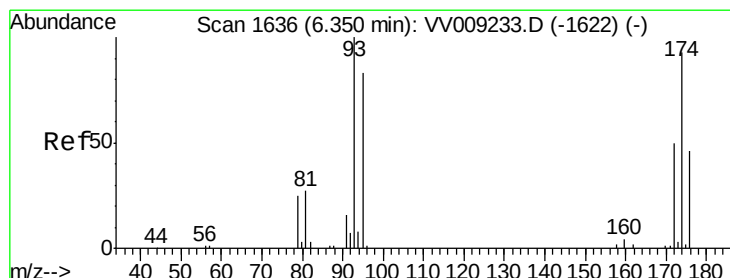
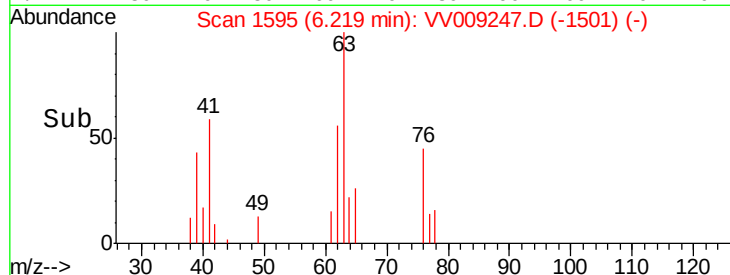
1500

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

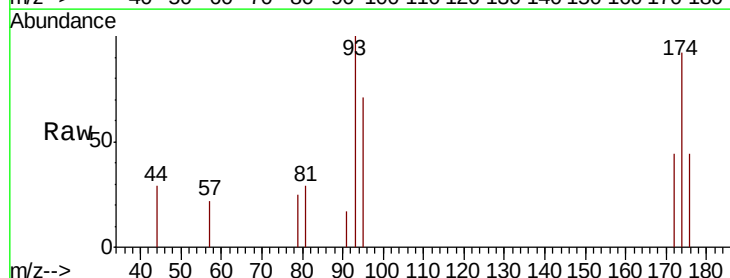
Tgt Ion: 93 Resp: 1217

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

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

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

6.35

800

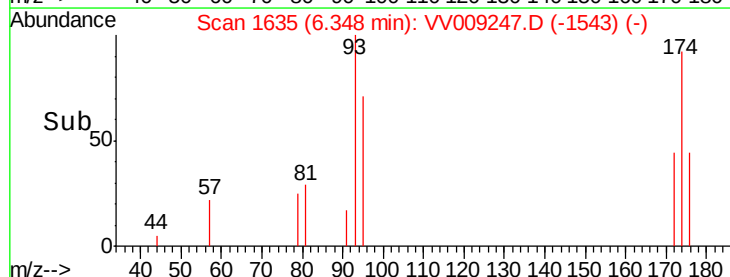
600

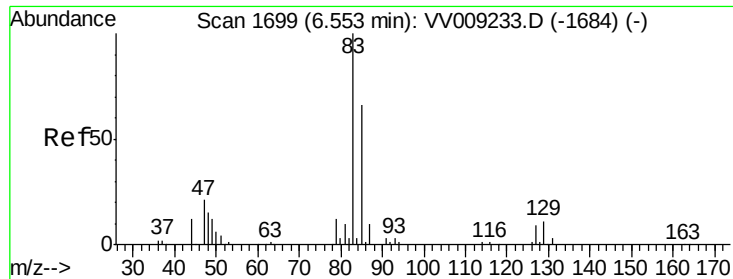
400

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

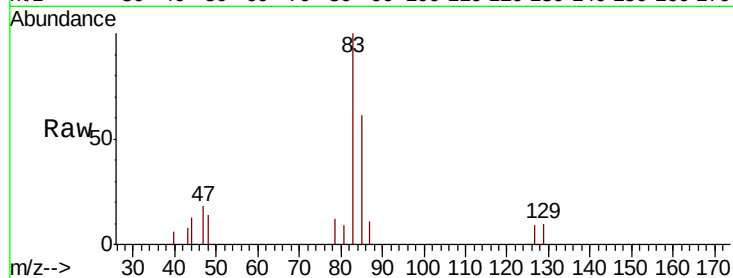
Tgt Ion: 83 Resp: 3072

Ion Ratio Lower Upper

83 100

85 60.7 52.6 78.8

127 8.7 7.0 10.6

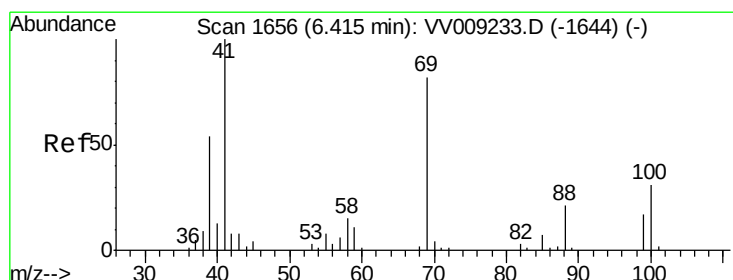
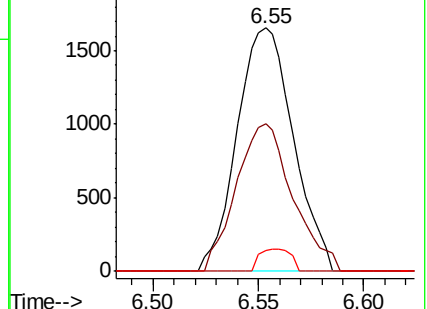
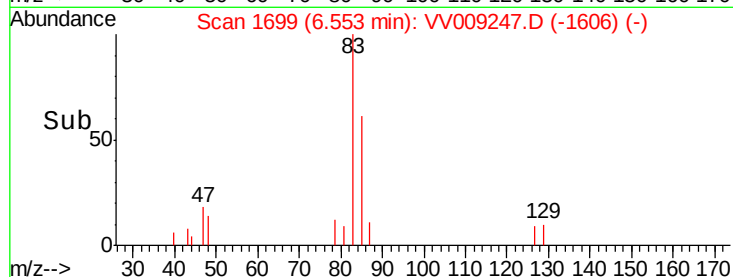


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

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

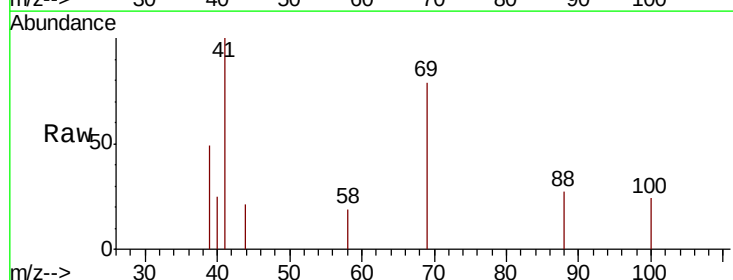
Tgt Ion: 41 Resp: 1447

Ion Ratio Lower Upper

41 100

69 73.8 65.8 98.6

39 48.8 43.4 65.0

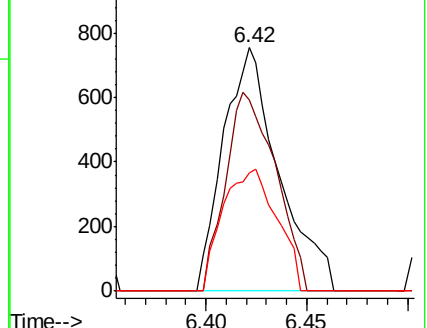
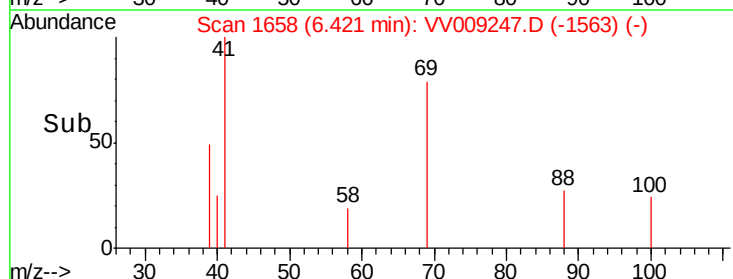


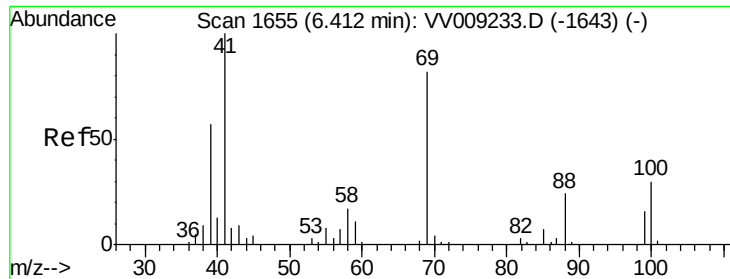
Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

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

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

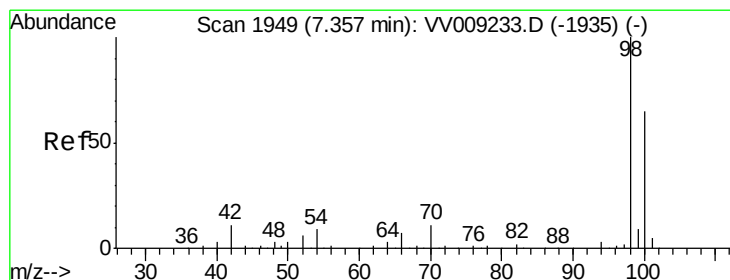
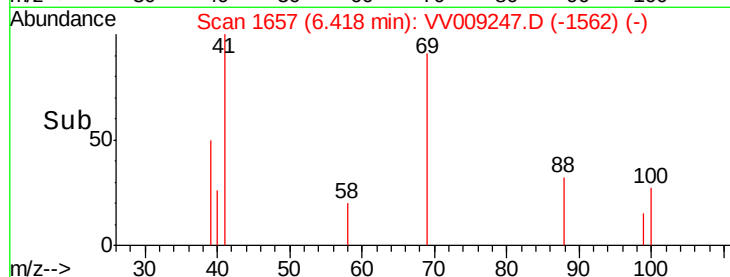
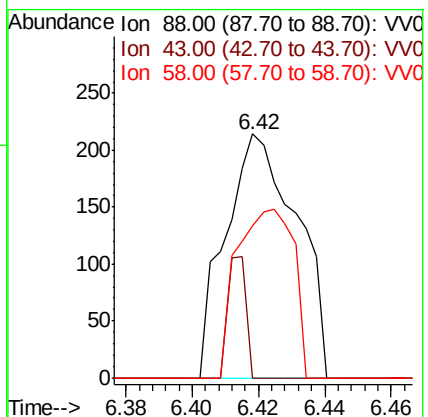
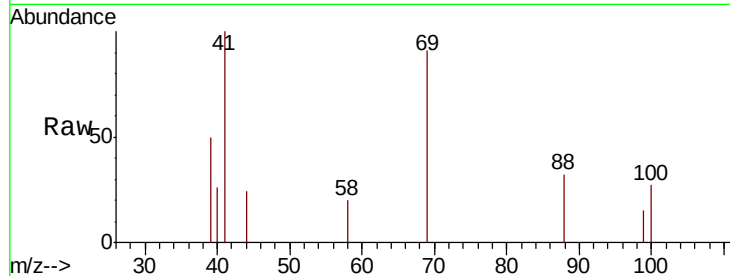
Time-->





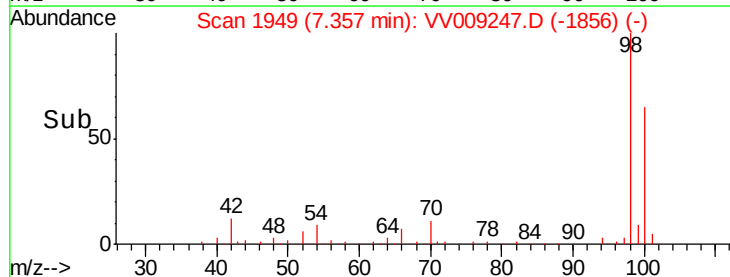
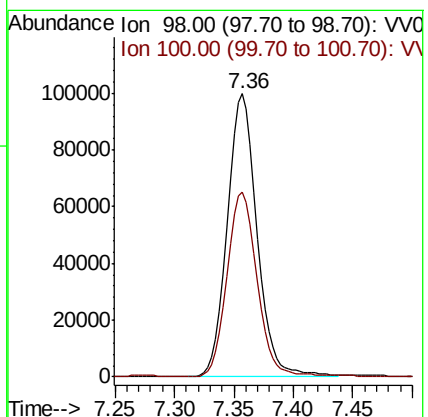
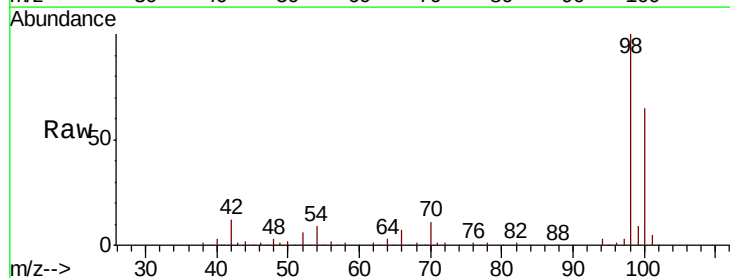
#49
1,4-Dioxane
Concen: 47.405 ug/l
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

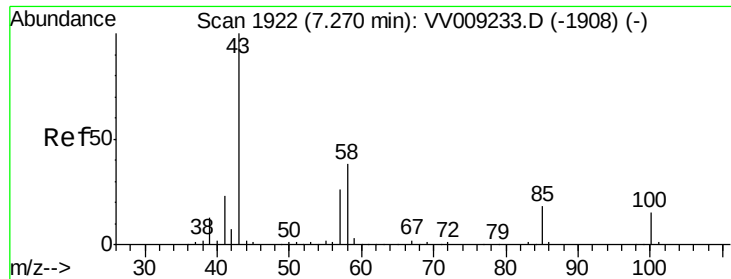
Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 0.0 31.9 47.9#
58 55.0 62.0 93.0#



#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





#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

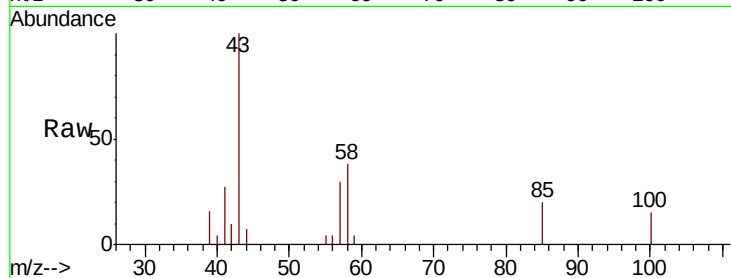
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 7787

Ion Ratio Lower Upper

43 100

58 36.6 30.4 45.6

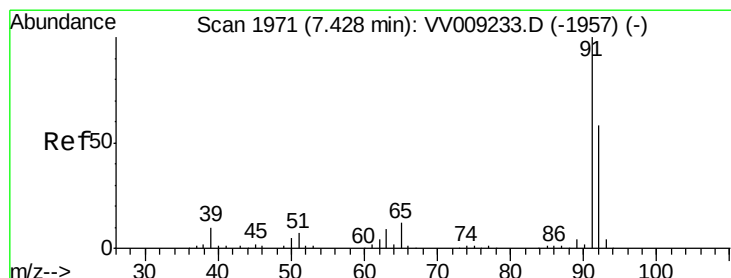
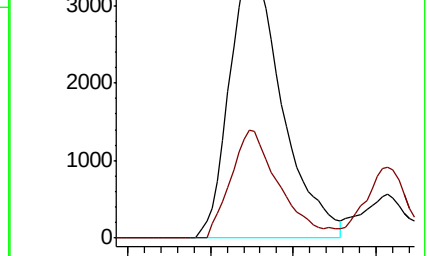
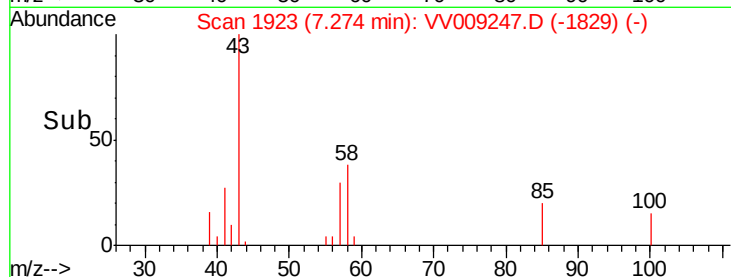


Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

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

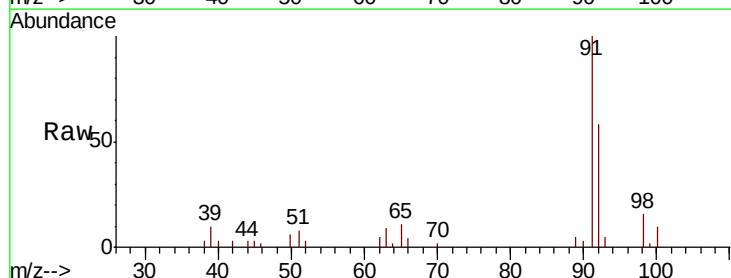
Acq: 23 Jan 2019 14:39

Tgt Ion: 92 Resp: 6110

Ion Ratio Lower Upper

92 100

91 169.8 137.2 205.8

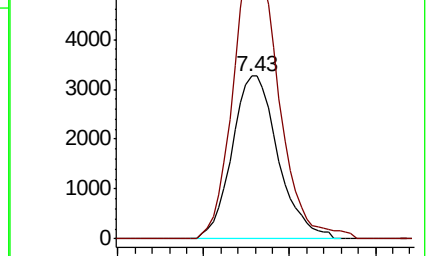
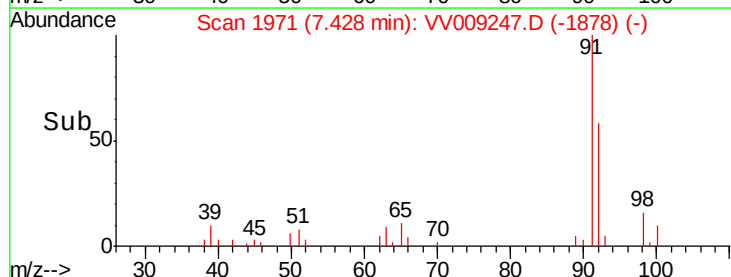


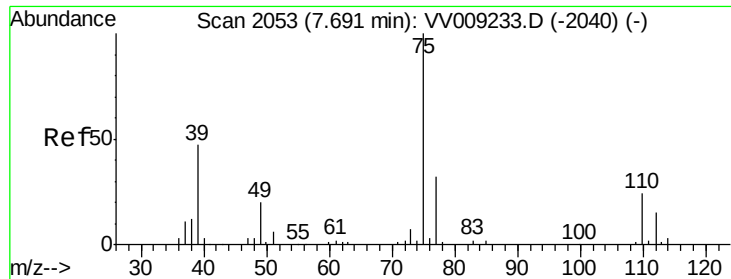
Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

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

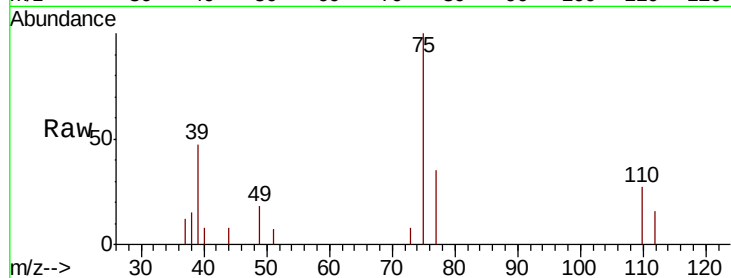
Acq: 23 Jan 2019 14:39

Tgt Ion: 75 Resp: 2752

Ion Ratio Lower Upper

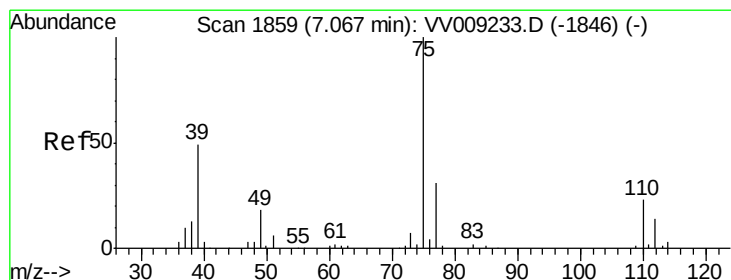
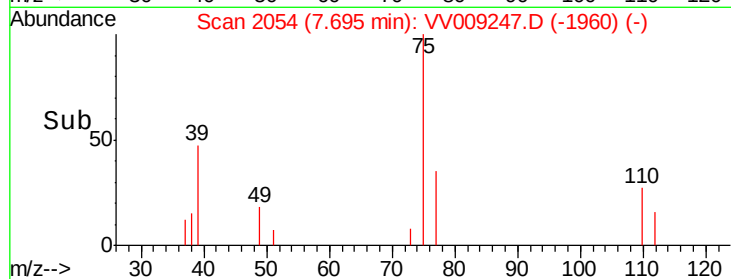
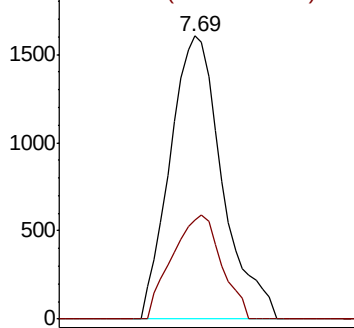
75 100

77 35.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2040) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-2040) (-)



#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

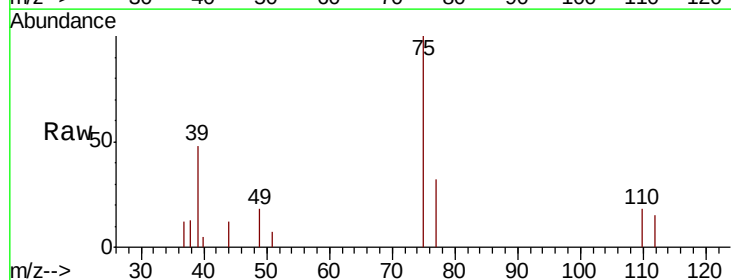
Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

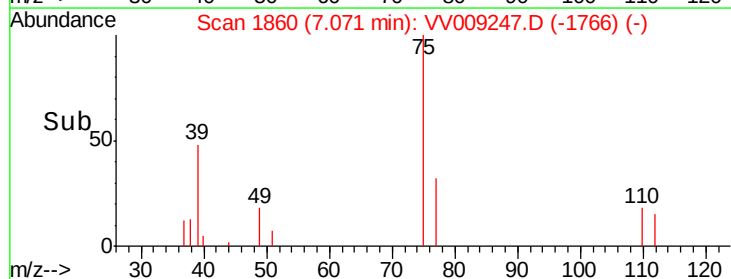
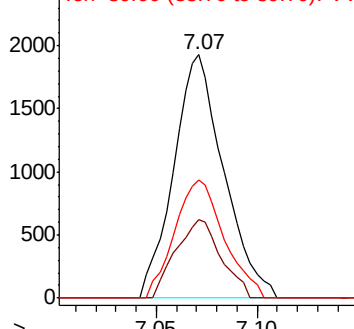
39 48.4 38.8 58.2

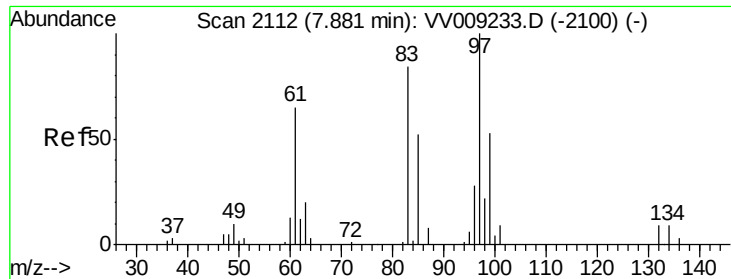


Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-1846) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-1846) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-1846) (-)





#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

Tgt Ion: 97 Resp: 1868

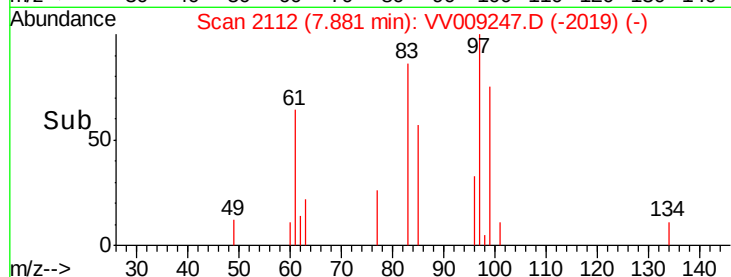
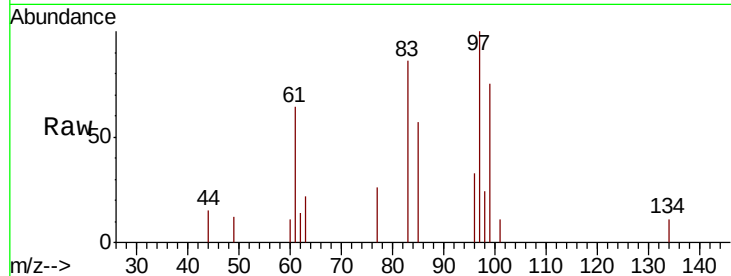
Ion Ratio Lower Upper

97 100

83 86.3 67.4 101.0

85 56.9 42.6 64.0

99 75.1 51.1 76.7

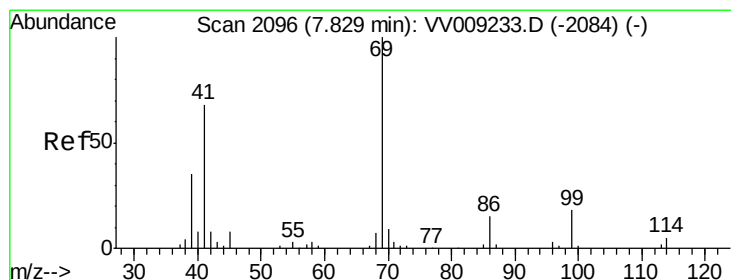
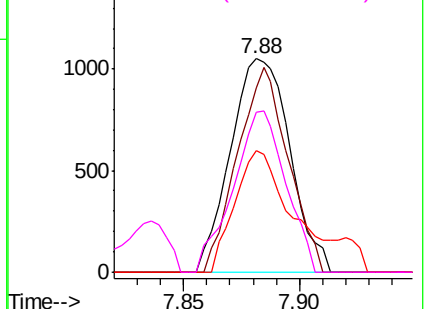


Abundance Ion 96.90 (96.60 to 97.60): VV0

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

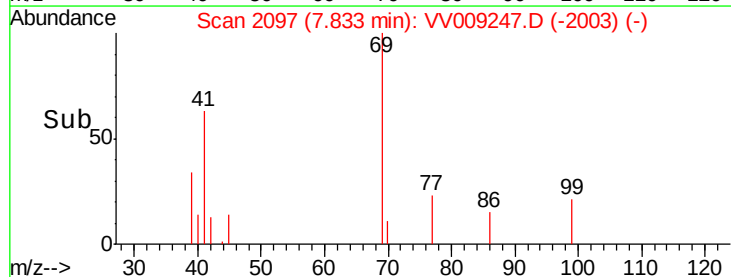
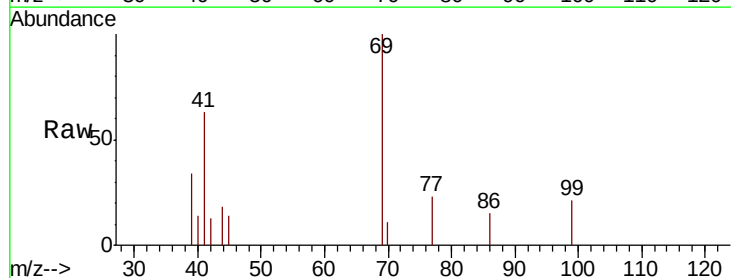
Tgt Ion: 69 Resp: 1902

Ion Ratio Lower Upper

69 100

41 63.6 54.0 81.0

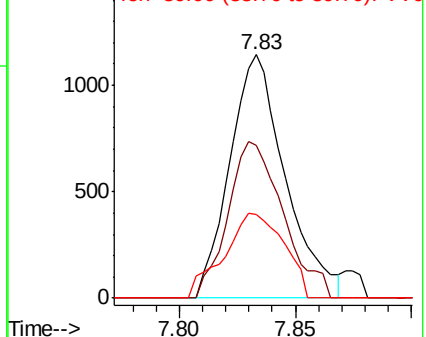
39 37.6 26.8 40.2

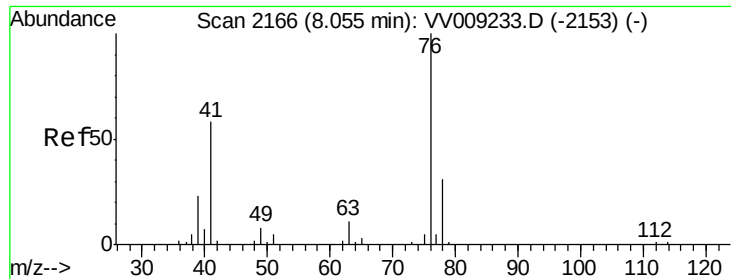


Abundance Ion 69.00 (68.70 to 69.70): VV0

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

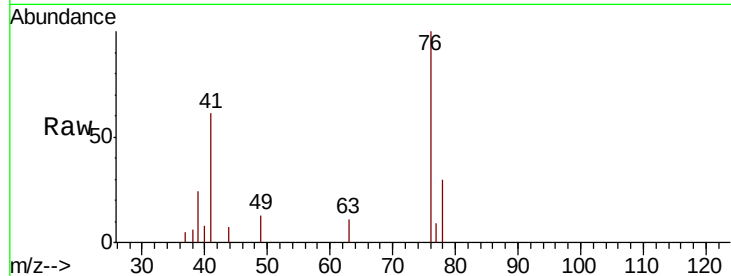
Acq: 23 Jan 2019 14:39

Tgt Ion: 76 Resp: 3376

Ion Ratio Lower Upper

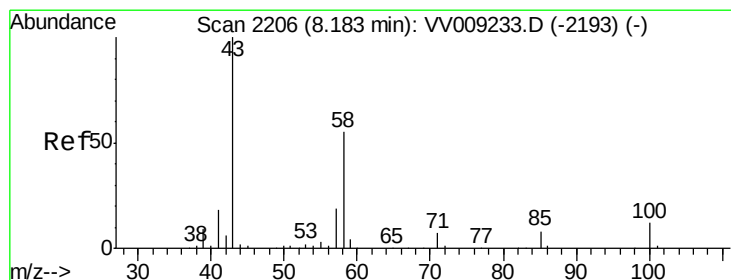
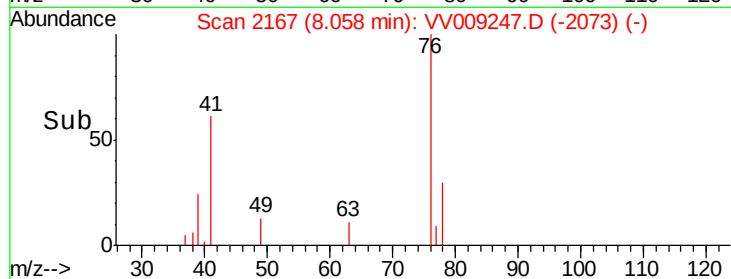
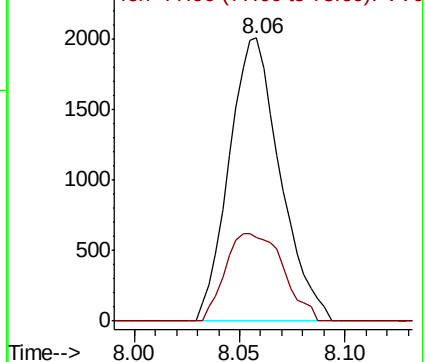
76 100

78 35.0 25.5 38.3



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

Ion 77.90 (77.60 to 78.60): VV009247.D (-2073) (-)



#59

2-Hexanone

Concen: 11.625 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009247.D

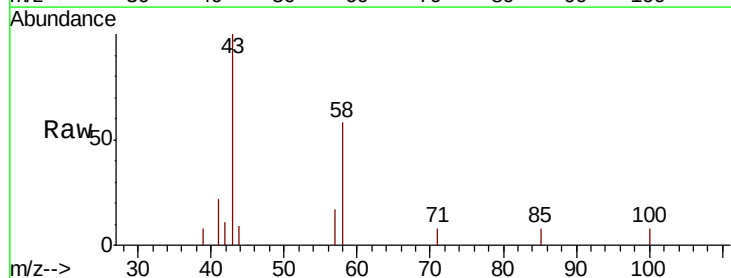
Acq: 23 Jan 2019 14:39

Tgt Ion: 43 Resp: 4952

Ion Ratio Lower Upper

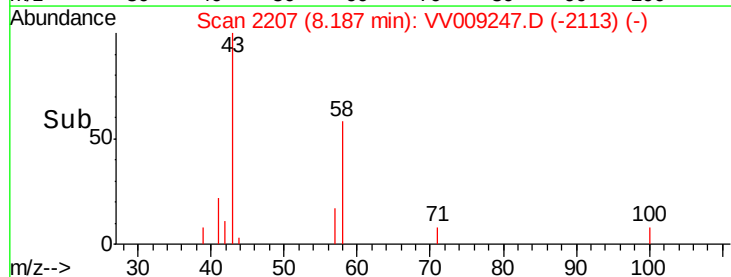
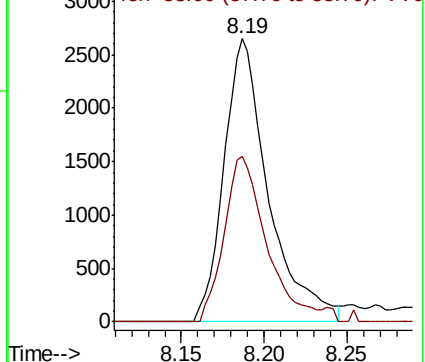
43 100

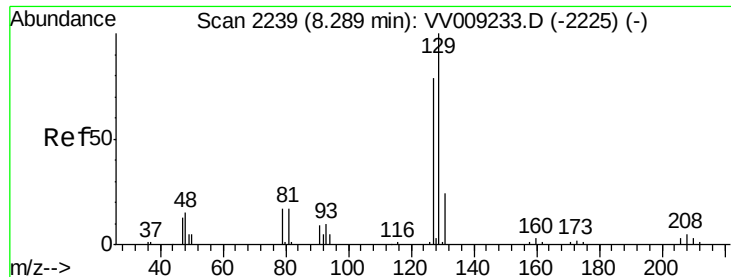
58 55.2 27.5 82.5



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

Ion 58.00 (57.70 to 58.70): VV009247.D (-2113) (-)





#60

Dibromochloromethane

Concen: 2.296 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009247.D

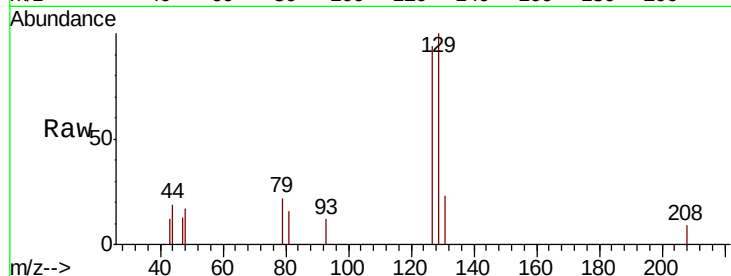
Acq: 23 Jan 2019 14:39

Tgt Ion:129 Resp: 2007

Ion Ratio Lower Upper

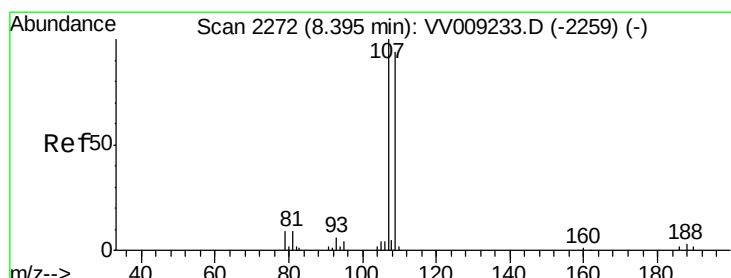
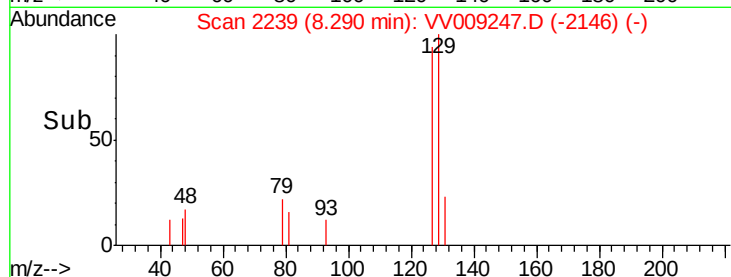
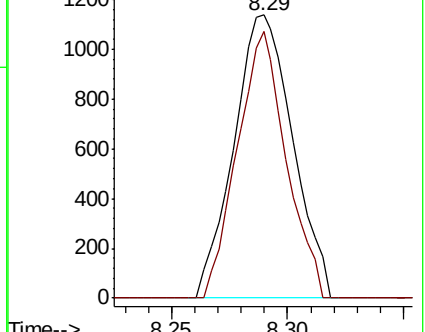
129 100

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

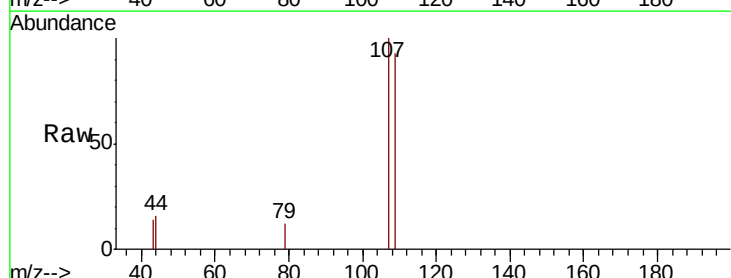
Acq: 23 Jan 2019 14:39

Tgt Ion:107 Resp: 1673

Ion Ratio Lower Upper

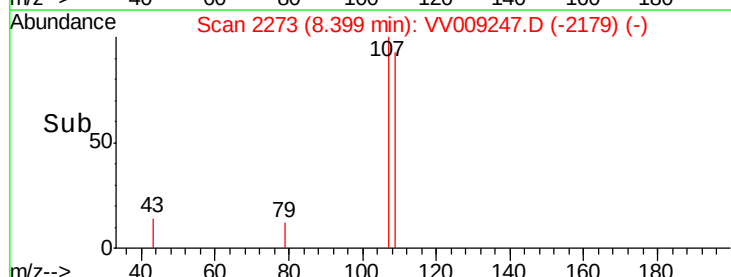
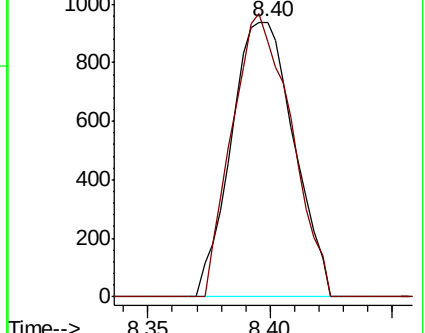
107 100

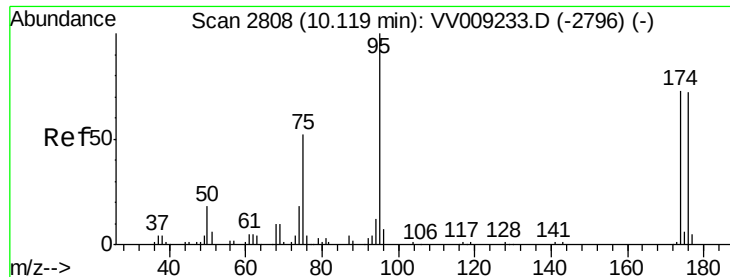
109 97.4 76.2 114.2



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

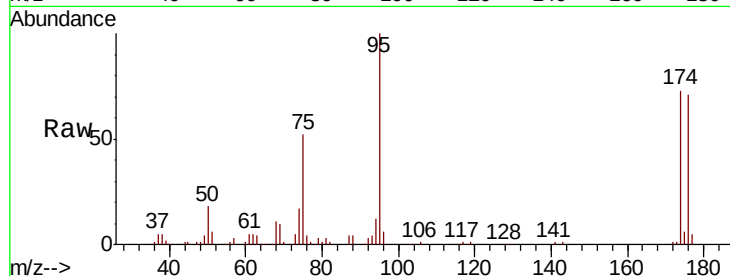
Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt Ion: 95 Resp: 64021

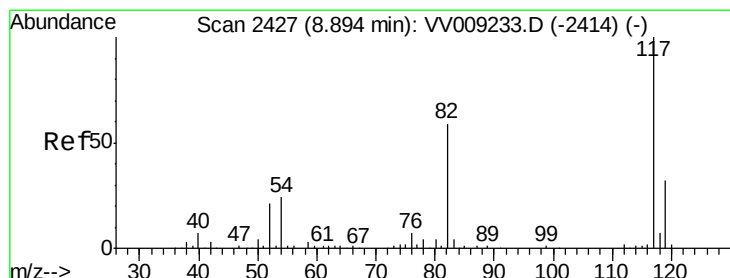
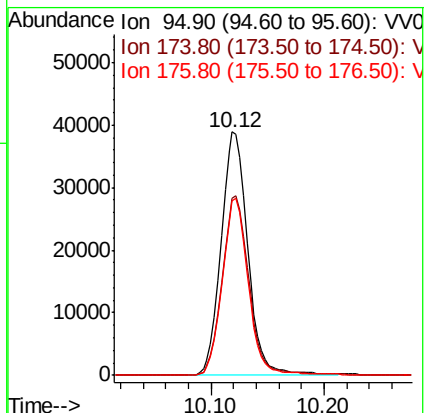
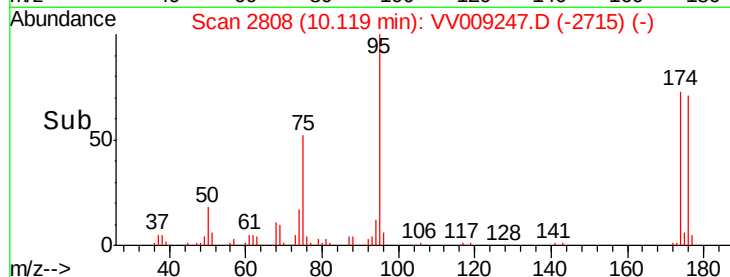
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.2
176	71.0	0.0	143.0



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

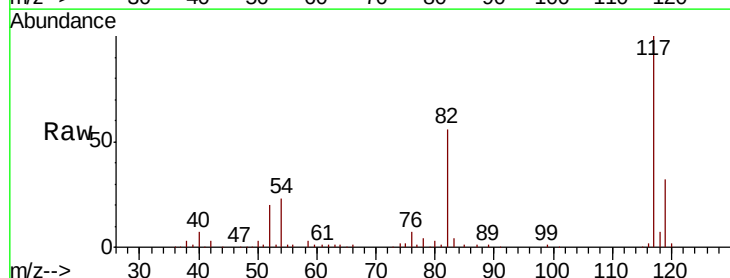
Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt Ion: 117 Resp: 126931

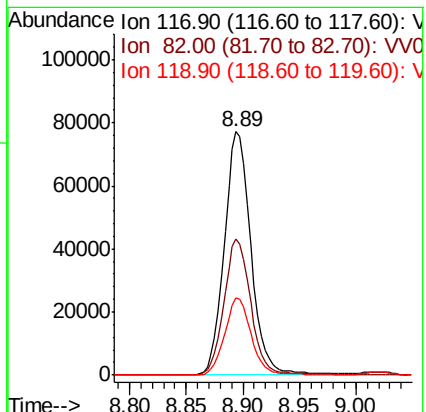
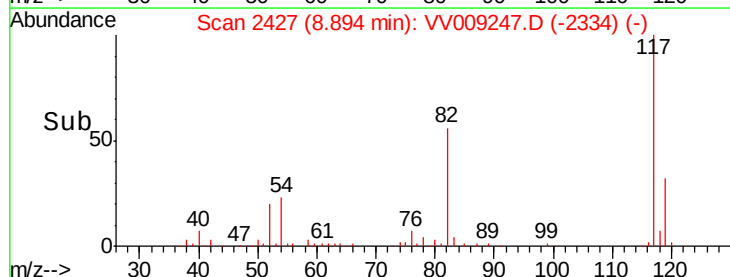
Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.0	70.6
119	31.5	25.4	38.2

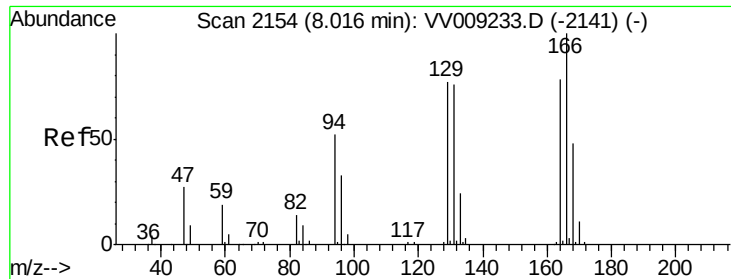


Abundance Ion 116.90 (116.60 to 117.60): VV009247.D (-2334) (-)

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

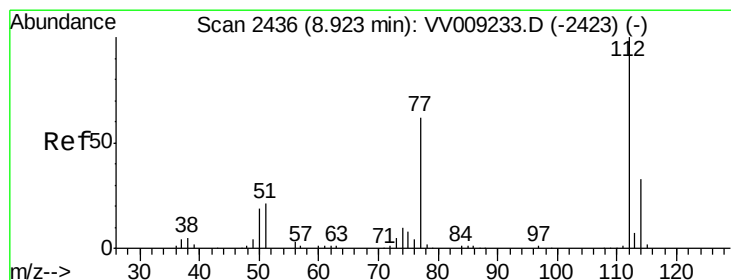
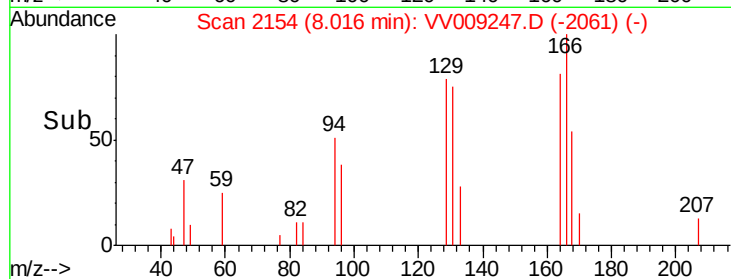
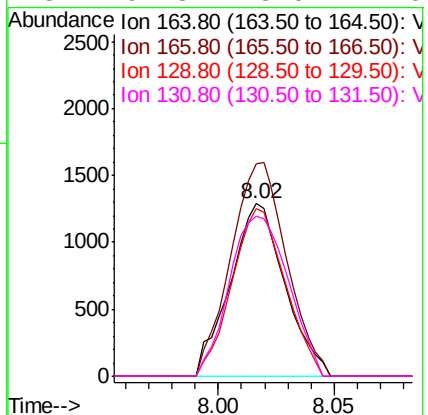
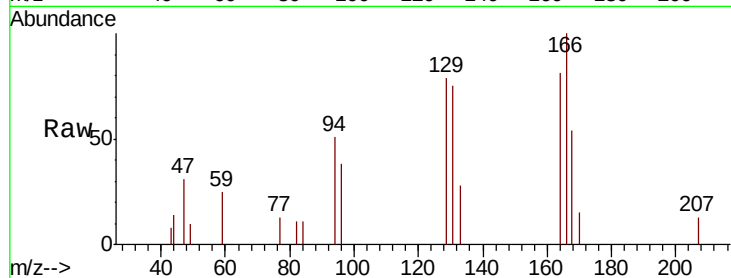
Ion 118.90 (118.60 to 119.60): VV009247.D (-2334) (-)





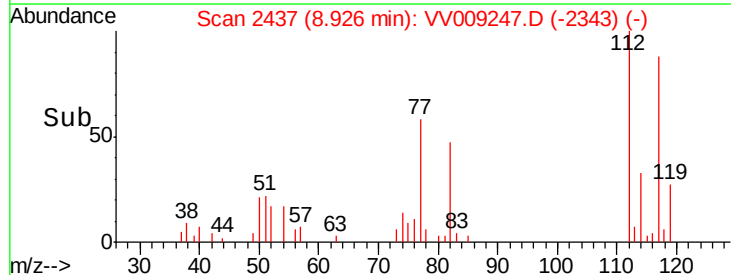
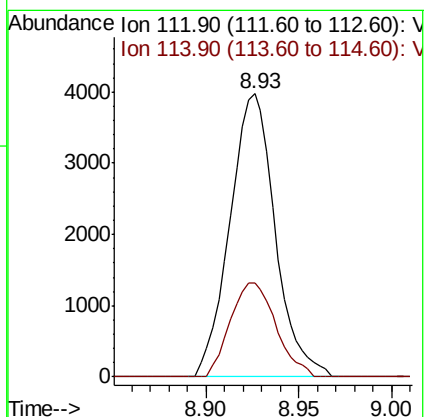
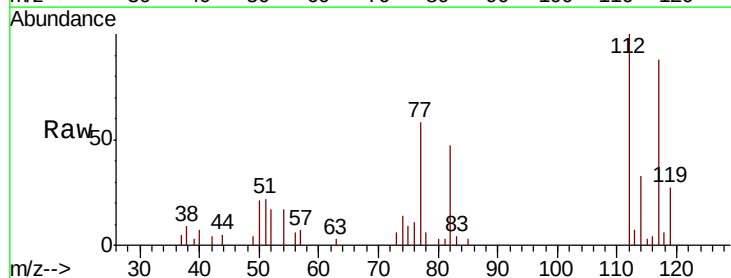
#64
Tetrachloroethene
Concen: 2.342 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

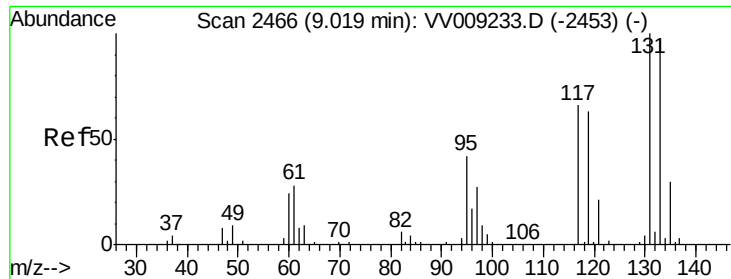
Tgt Ion:164 Resp: 2115
Ion Ratio Lower Upper
164 100
166 122.9 102.1 153.1
129 97.4 78.1 117.1
131 92.3 78.0 117.0



#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





#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

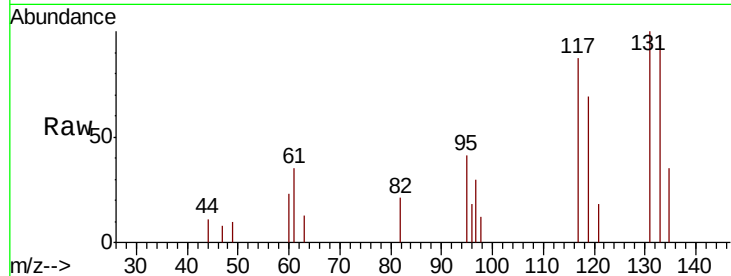
Tgt Ion: 131 Resp: 2241

Ion Ratio Lower Upper

131 100

133 91.6 48.3 144.9

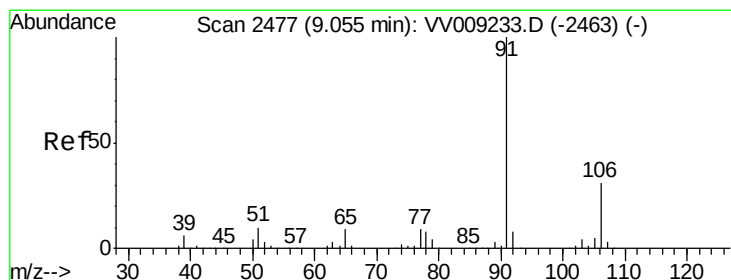
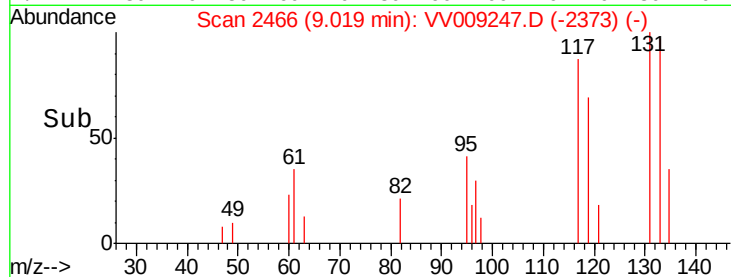
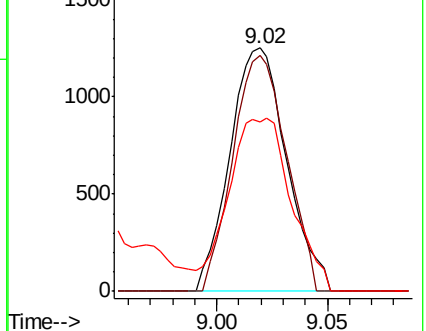
119 78.4 31.2 93.6



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

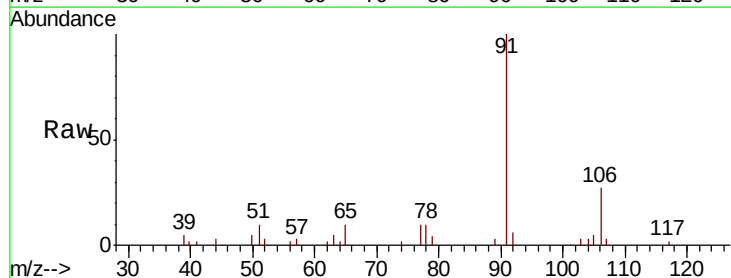
Acq: 23 Jan 2019 14:39

Tgt Ion: 91 Resp: 11508

Ion Ratio Lower Upper

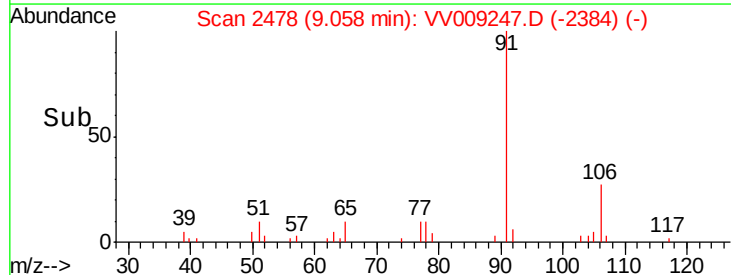
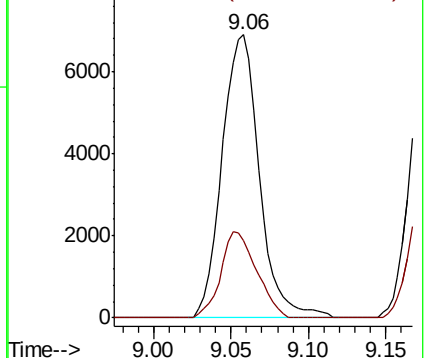
91 100

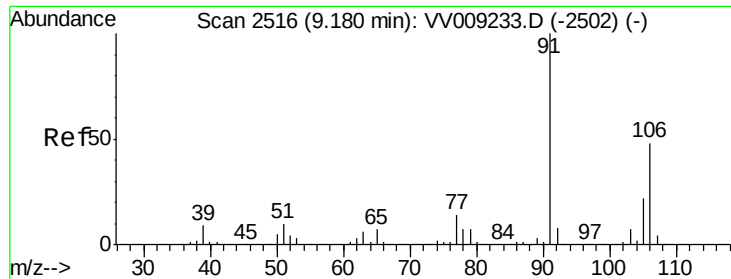
106 27.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

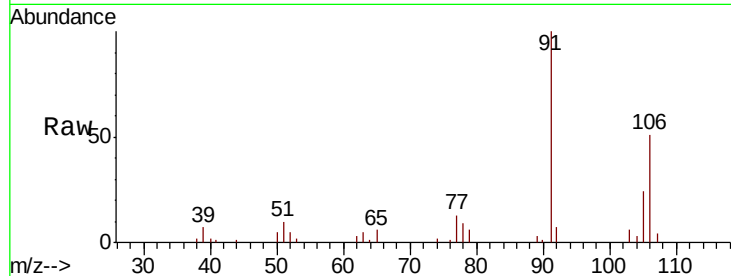
Ion 106.00 (105.70 to 106.70): V



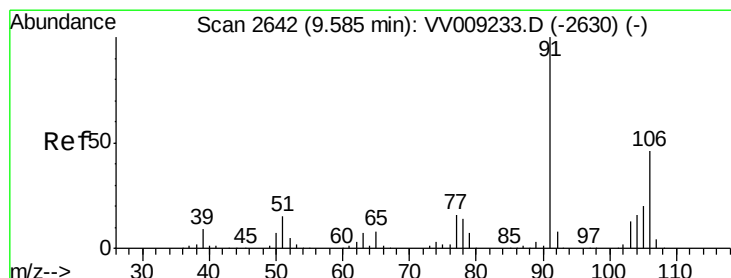
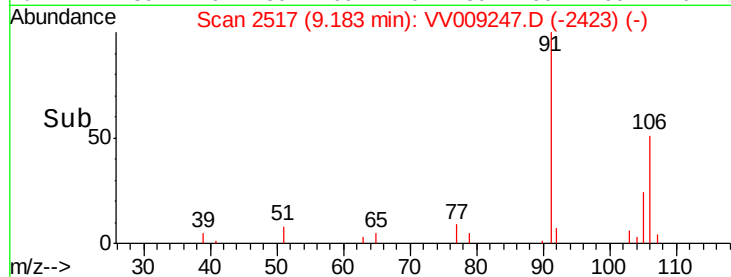
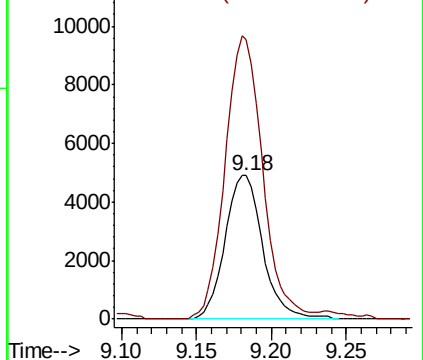


#68
m/p-Xylenes
Concen: 4.309 ug/l
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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

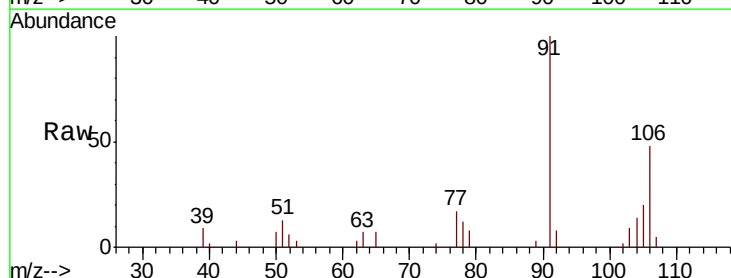


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

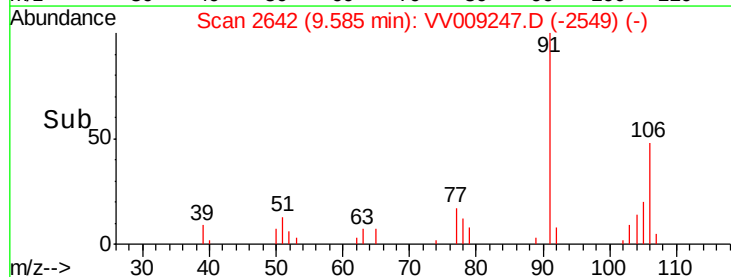
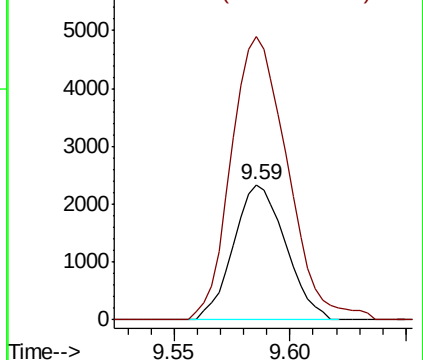


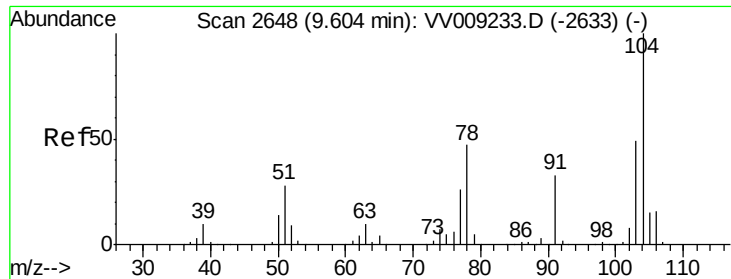
#69
o-Xylene
Concen: 1.969 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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

Styrene

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

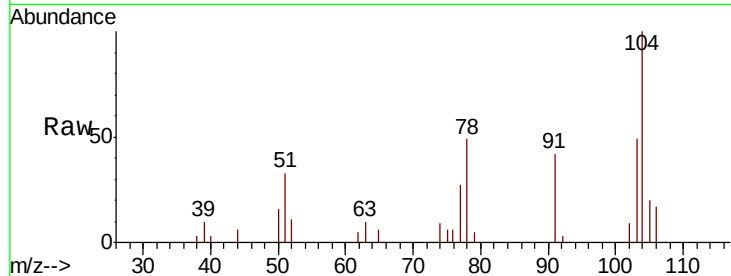
Tgt Ion:104 Resp: 5838

Ion Ratio Lower Upper

104 100

78 52.6 43.1 64.7

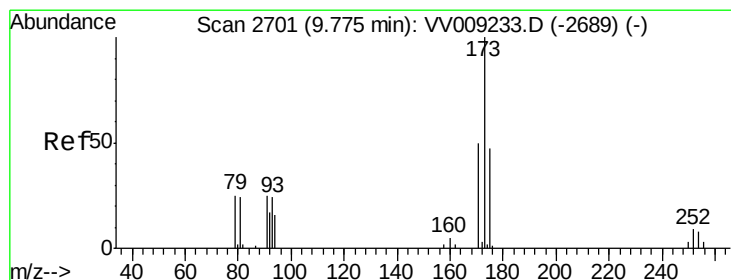
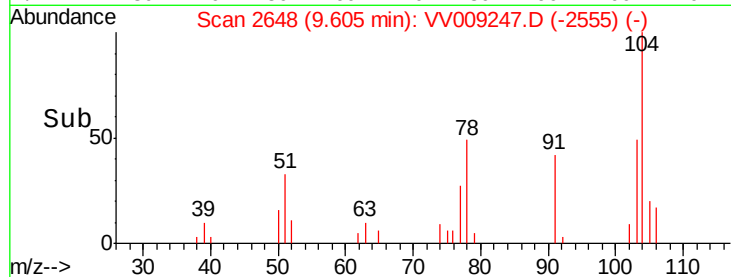
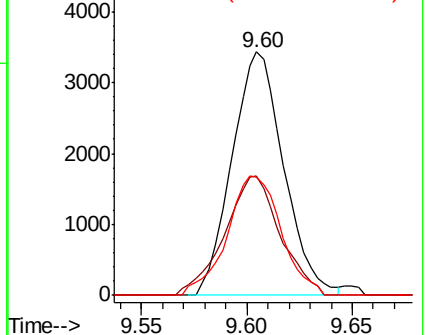
103 51.2 43.8 65.8



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

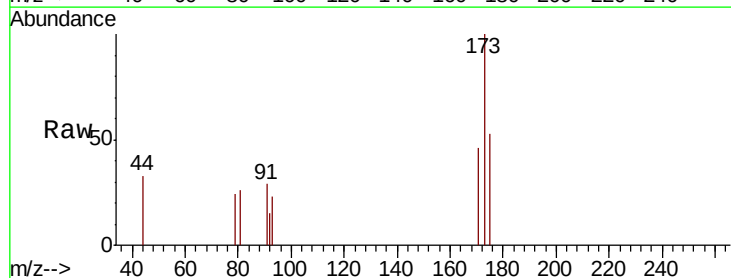
Tgt Ion:173 Resp: 1081

Ion Ratio Lower Upper

173 100

175 45.1 23.4 70.0

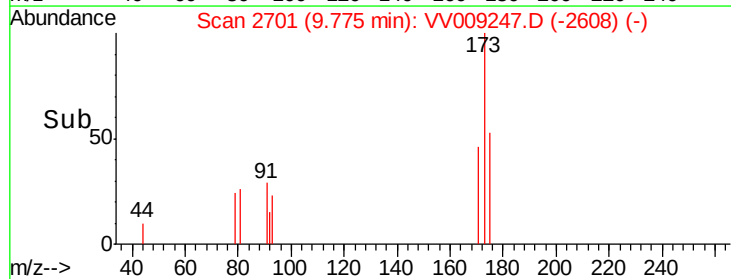
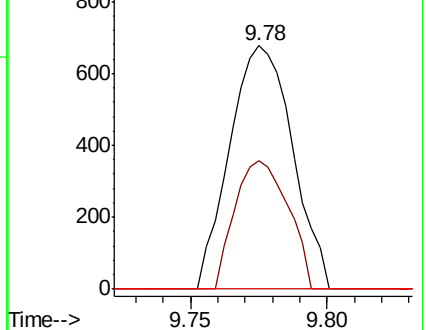
254 0.0 0.0 0.0

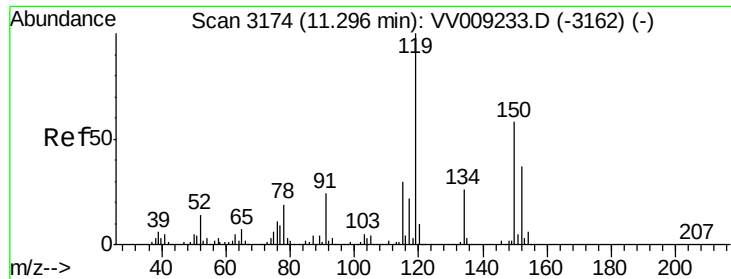


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

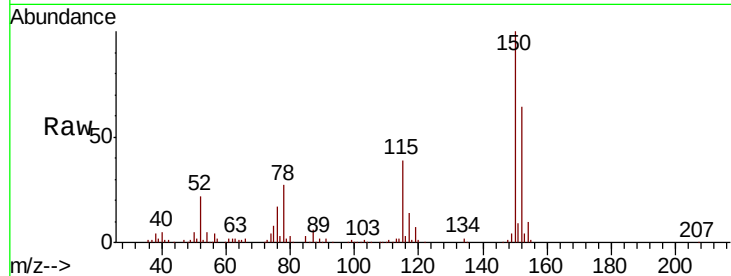
Ion 254.40 (254.10 to 255.10): V



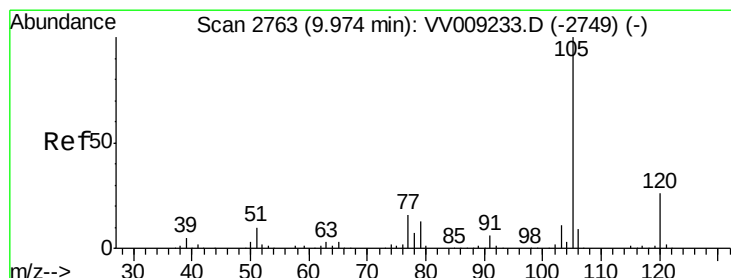
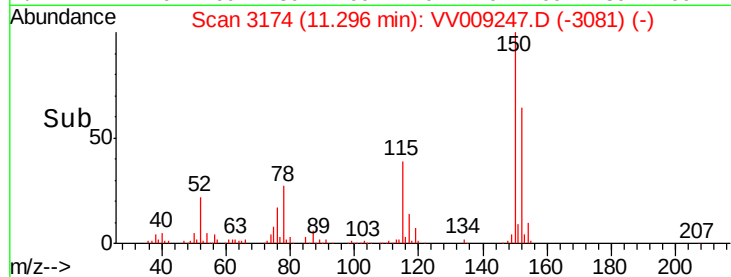
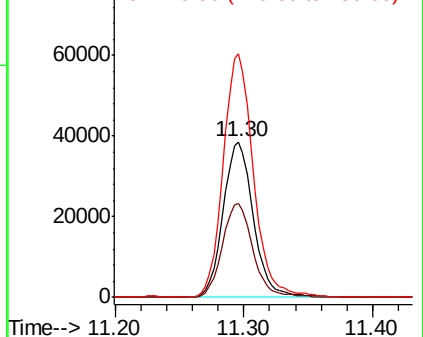


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion:152 Resp: 62581
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.0 134.8
 150 156.6 0.0 346.4

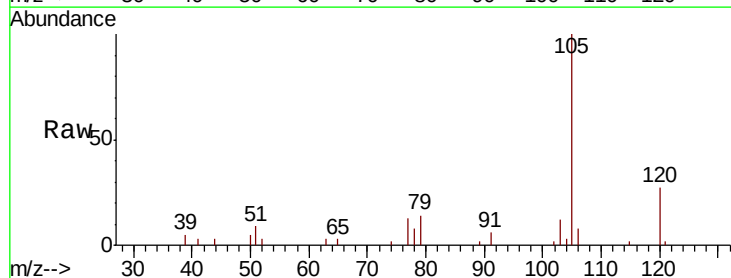


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

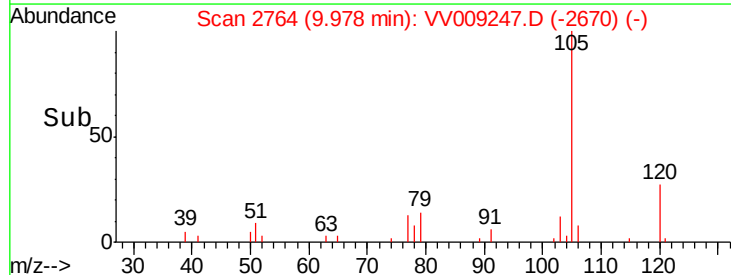
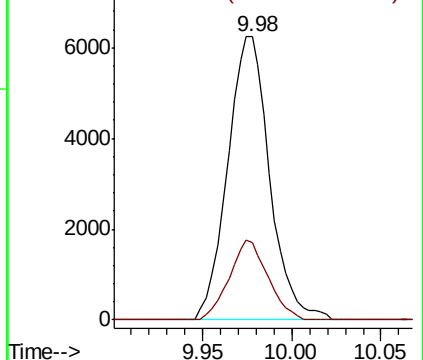


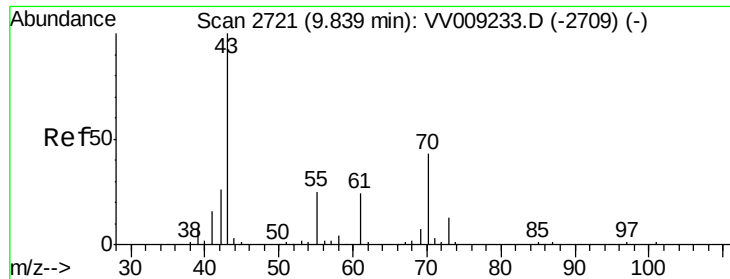
#73
 Isopropylbenzene
 Concen: 1.974 ug/l
 RT: 9.98 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

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-amyI acetate

Concen: 2.144 ug/l

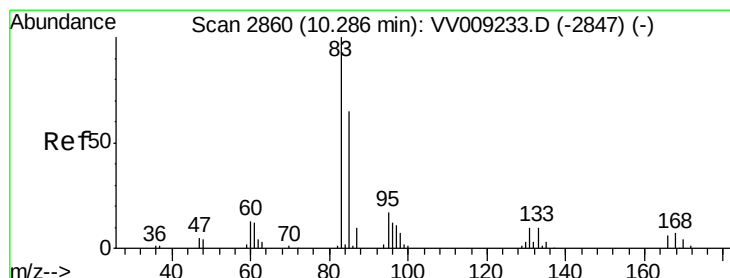
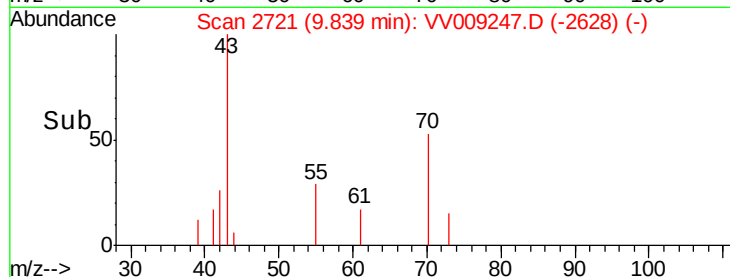
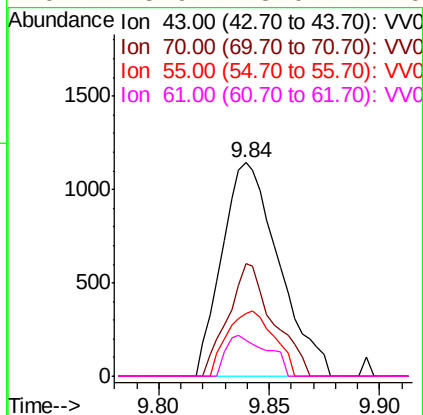
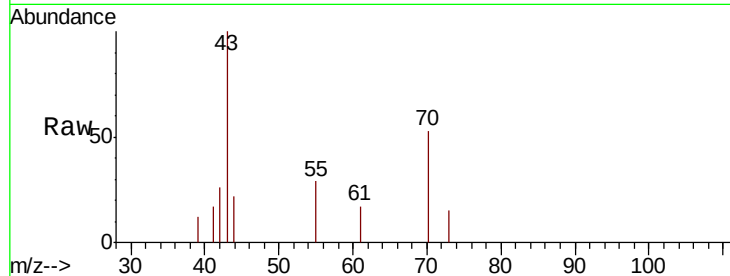
RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009247.D

Acq: 23 Jan 2019 14:39

Tgt 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

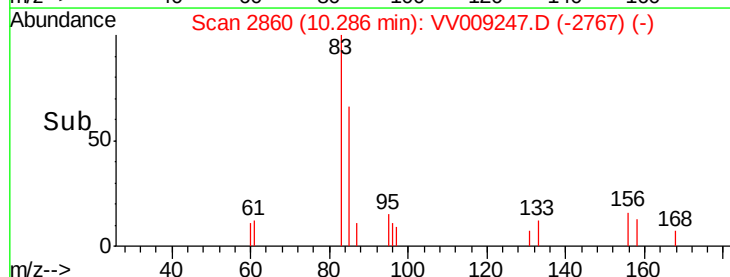
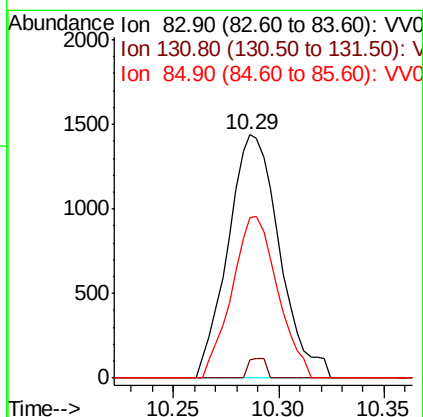
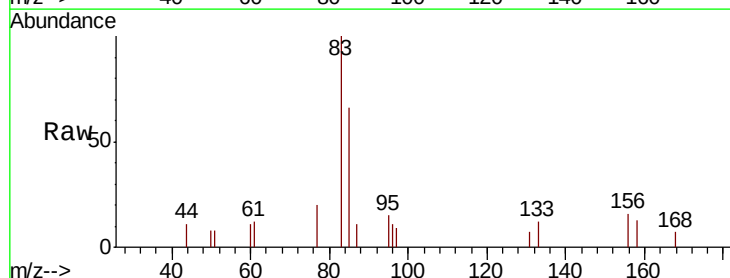
RT: 10.29 min Scan# 2860

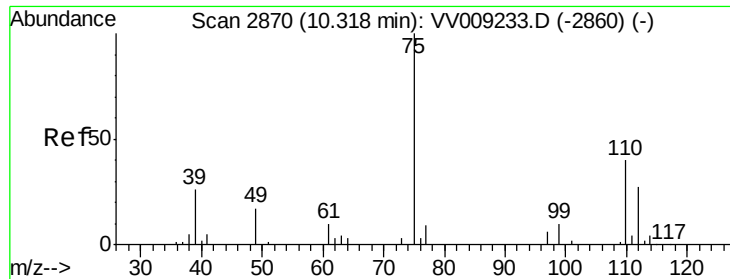
Delta R.T. 0.00 min

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

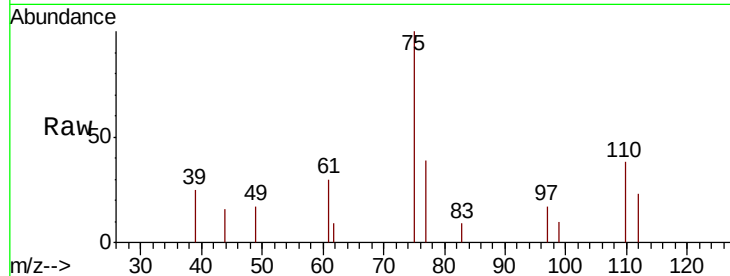




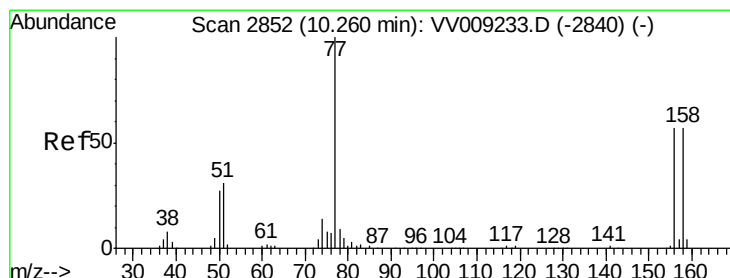
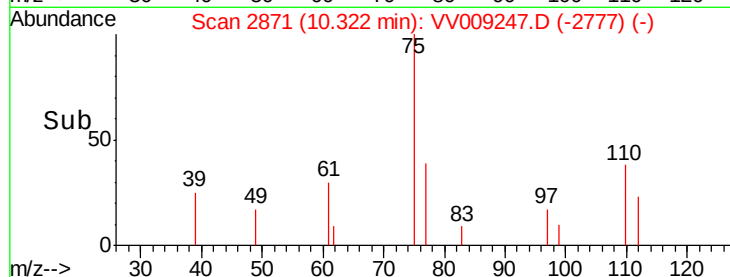
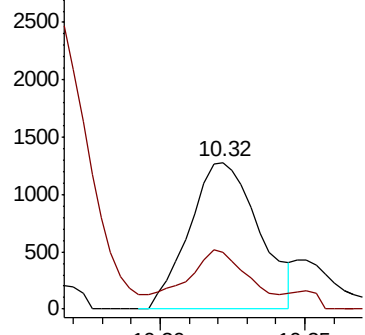
#76

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

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



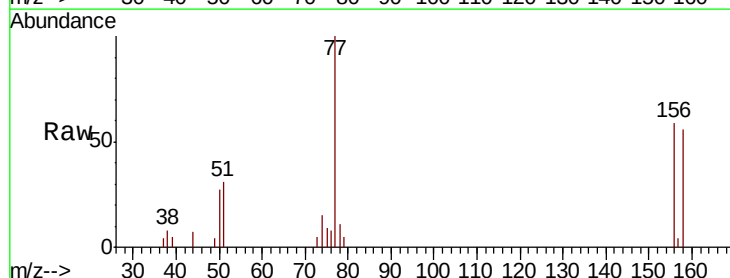
Abundance Ion 74.90 (74.60 to 75.60): VV0
Ion 77.00 (76.70 to 77.70): VV0



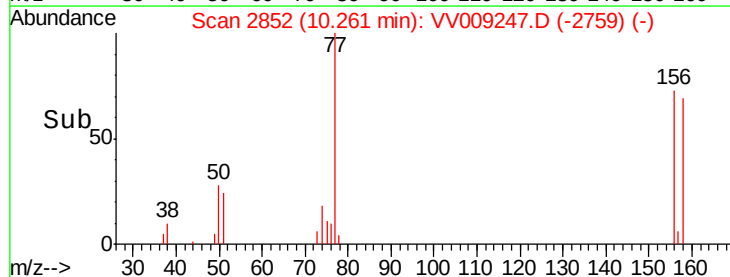
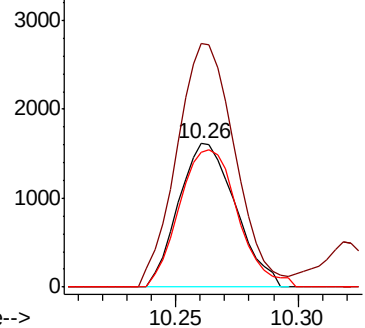
#77

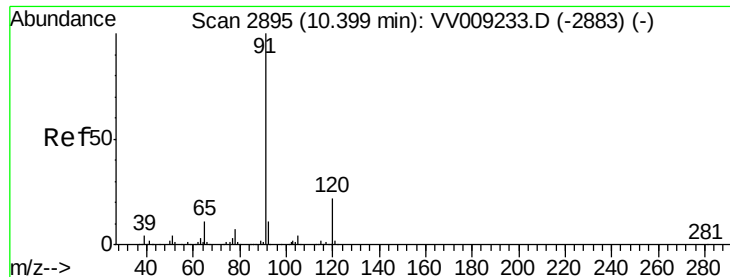
Bromobenzene
Concen: 2.370 ug/l
RT: 10.26 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VV0
Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 2.148 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009247.D

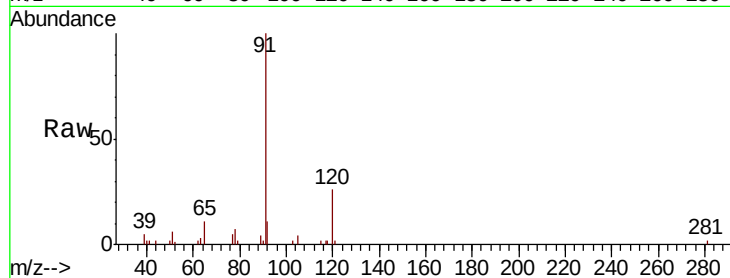
Acq: 23 Jan 2019 14:39

Tgt Ion: 91 Resp: 13159

Ion Ratio Lower Upper

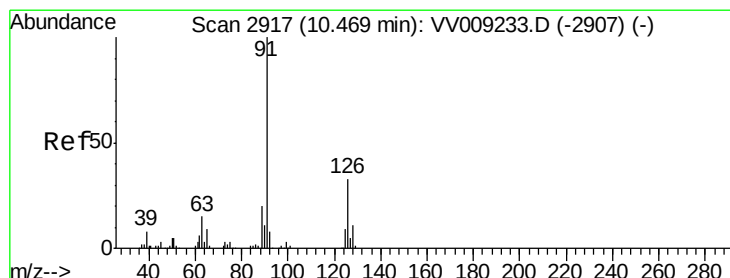
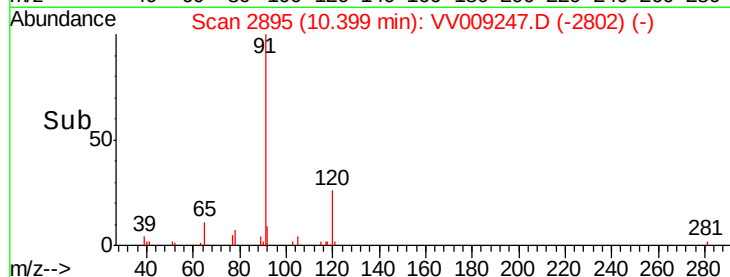
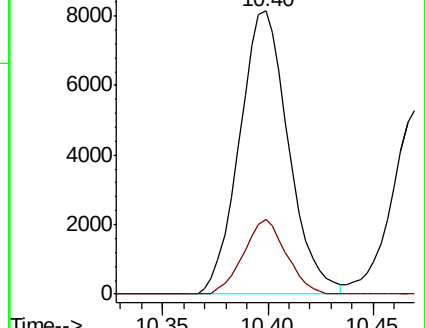
91 100

120 22.9 11.5 34.4



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

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



#79

2-Chlorotoluene

Concen: 2.287 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009247.D

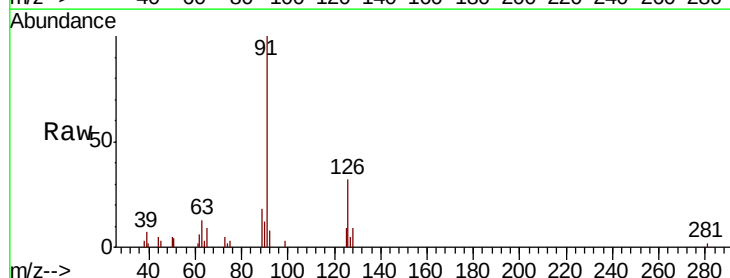
Acq: 23 Jan 2019 14:39

Tgt Ion: 91 Resp: 8452

Ion Ratio Lower Upper

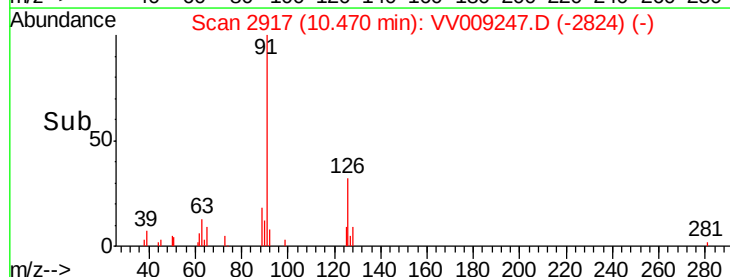
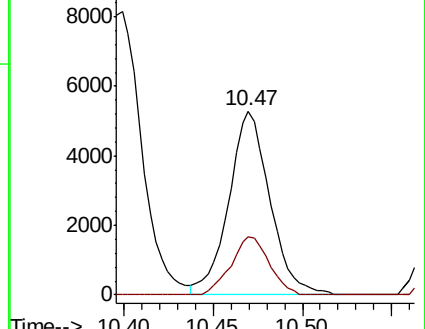
91 100

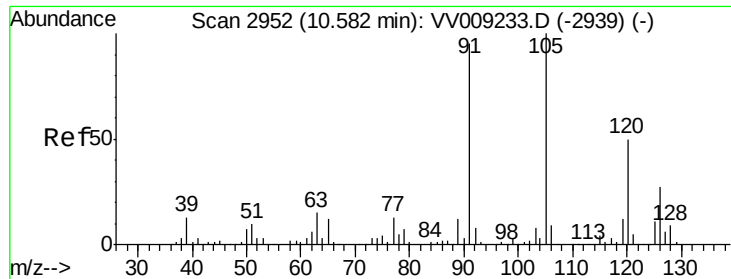
126 29.4 16.2 48.6



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

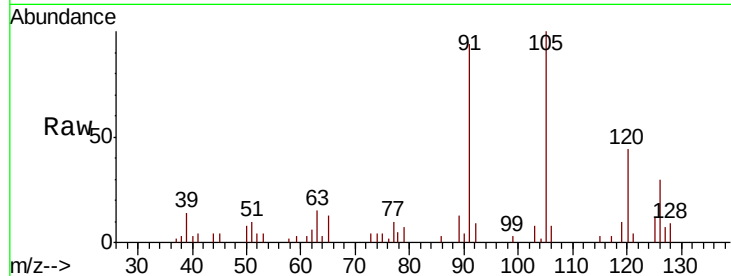
Ion 125.90 (125.60 to 126.60): VV009233.D (-2907) (-)



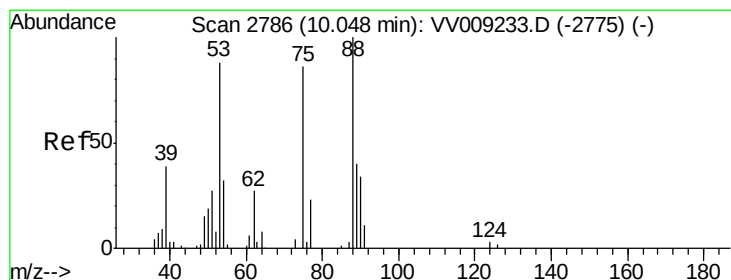
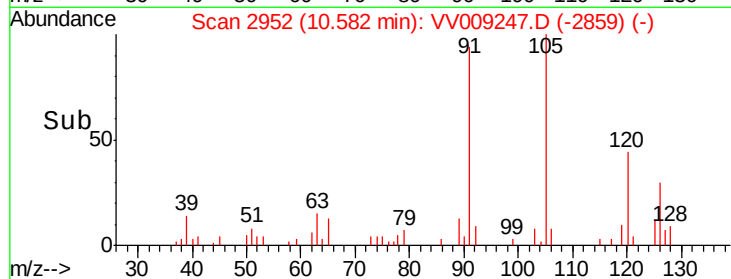
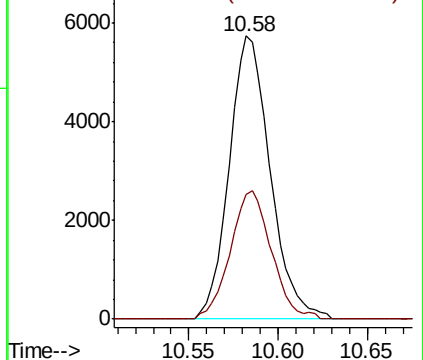


#80
 1,3,5-Trimethylbenzene
 Concen: 2.114 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

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

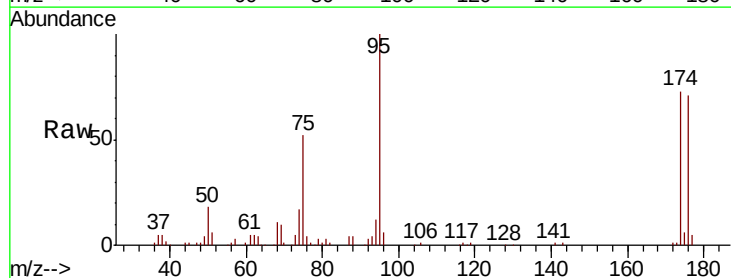


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

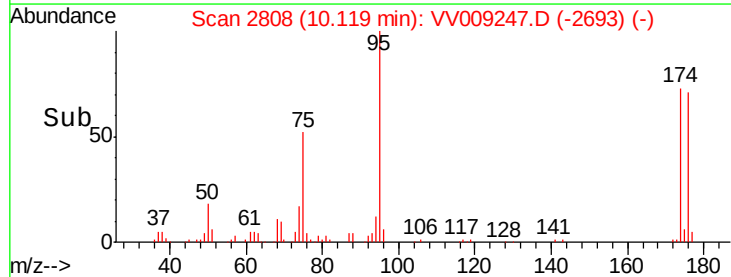
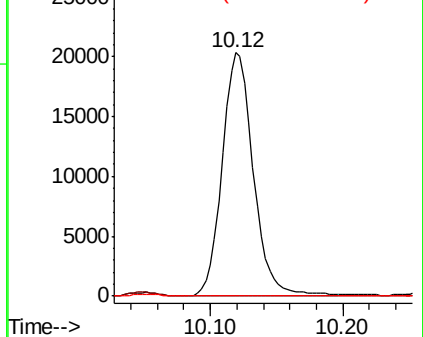


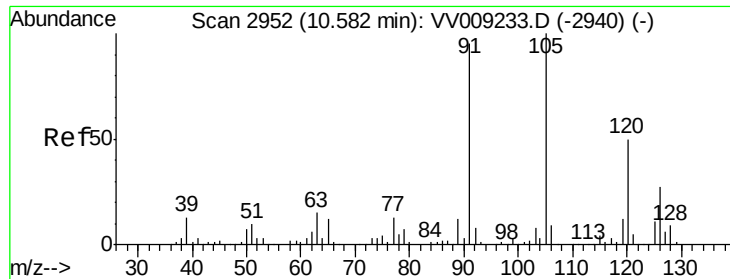
#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.312 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.07 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion: 75 Resp: 33245
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.1 123.1#
 89 0.0 36.2 54.4#



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





#82

4-Chlorotoluene

Concen: 2.119 ug/l

RT: 10.59 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VV009247.D

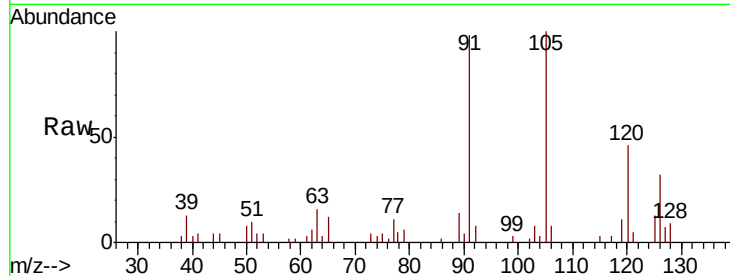
Acq: 23 Jan 2019 14:39

Tgt 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) (-)

Ion 125.90 (125.60 to 126.60): VV009233.D (-2940) (-)

10.59

6000

5000

4000

3000

2000

1000

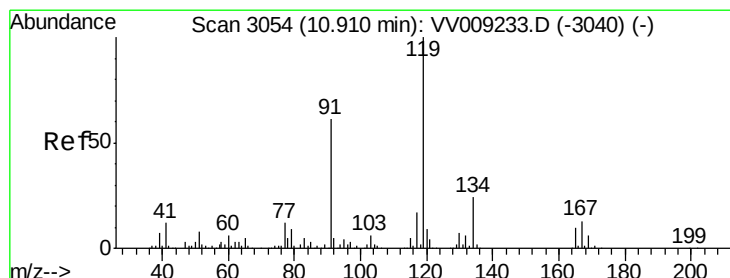
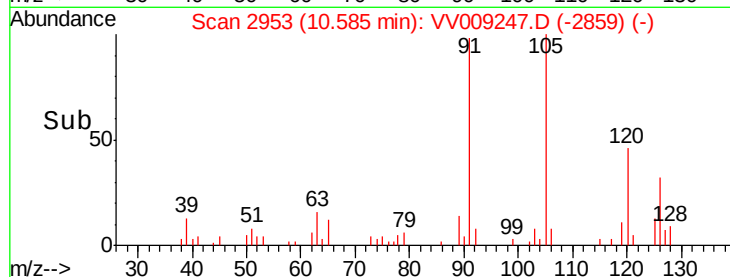
0

10.55

10.60

10.65

Time-->



#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

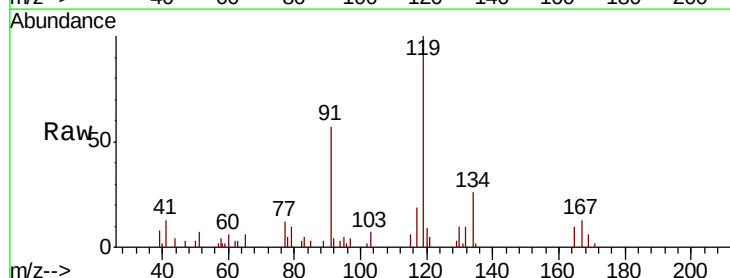
Tgt Ion: 119 Resp: 8796

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) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-3040) (-)

Ion 134.00 (133.70 to 134.70): VV009233.D (-3040) (-)

10.91

6000

4000

2000

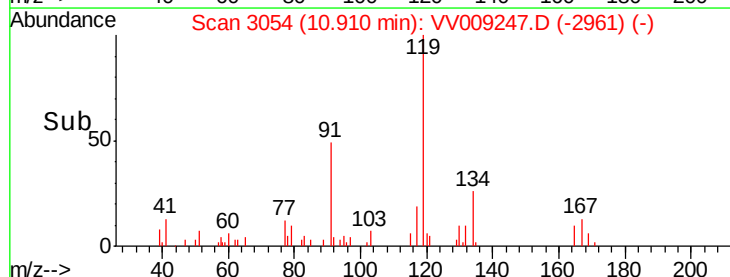
0

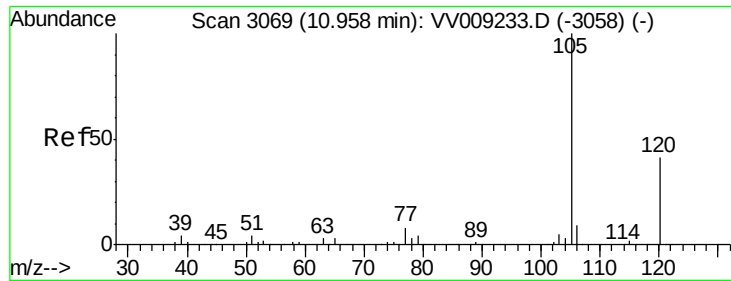
10.85

10.90

10.95

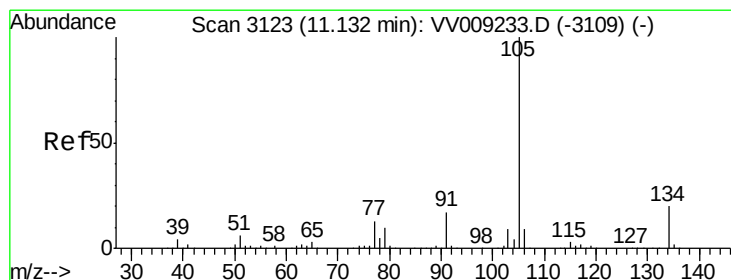
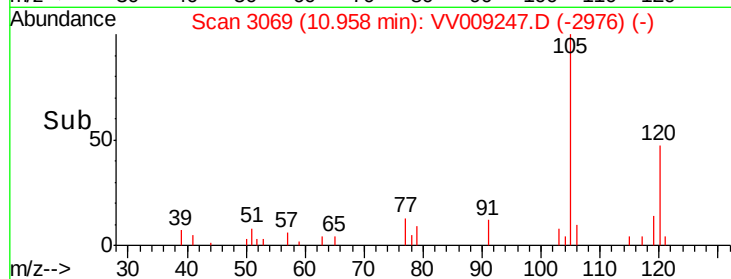
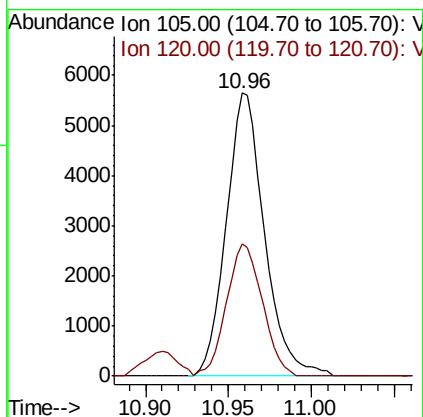
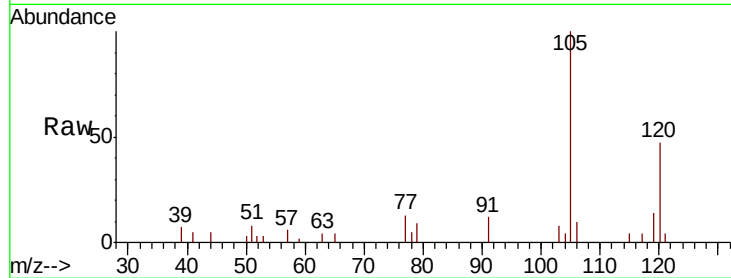
Time-->





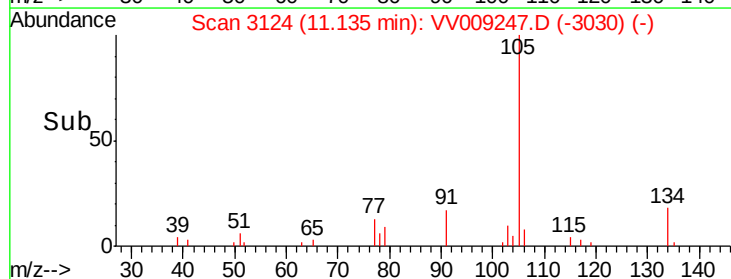
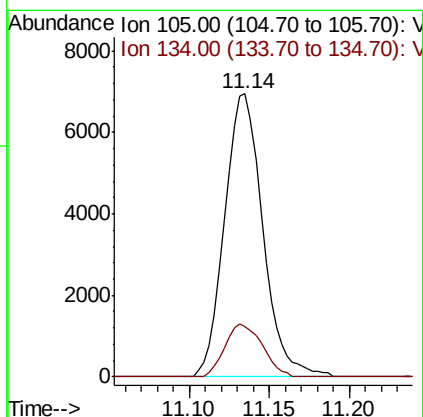
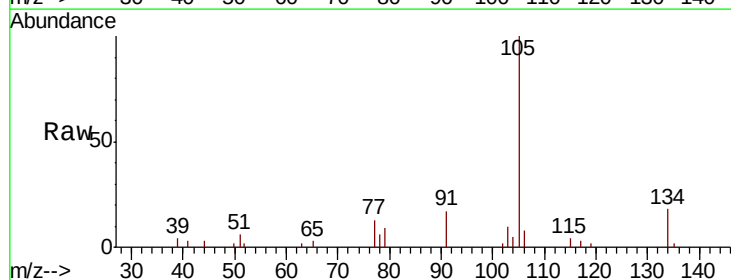
#84
 1,2,4-Trimethylbenzene
 Concen: 2.073 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

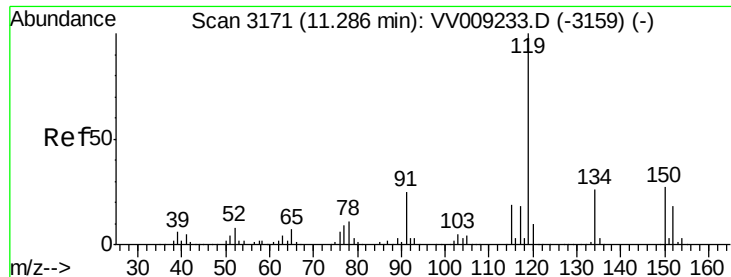
Tgt Ion:105 Resp: 9062
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.7



#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

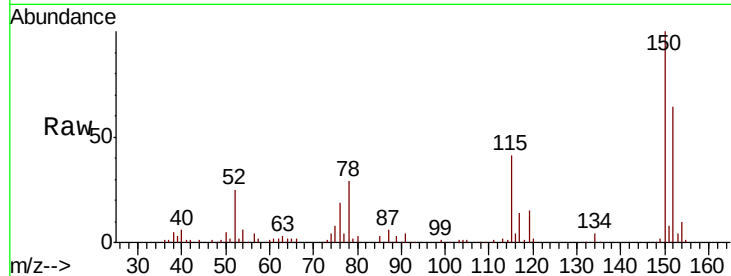
Tgt Ion:105 Resp: 11350
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.1 30.3



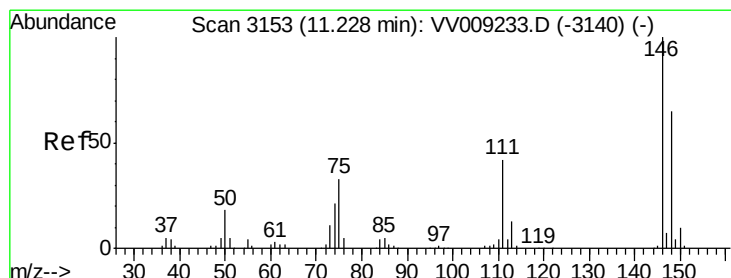
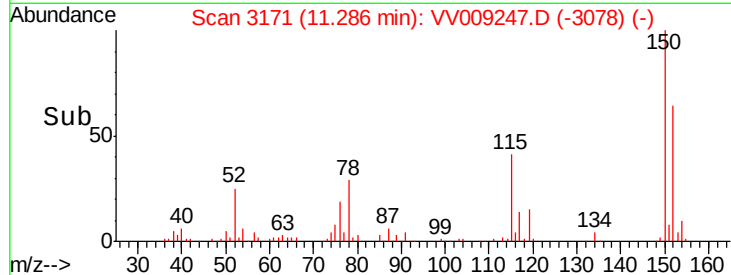
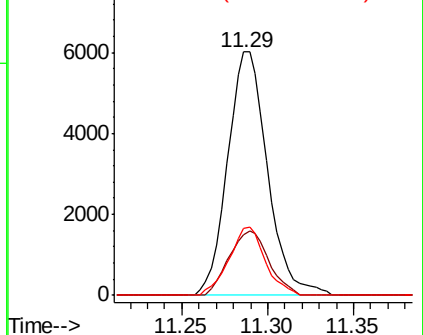


#86
 p-Isopropyltoluene
 Concen: 2.047 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

Tgt Ion:119 Resp: 9690
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 25.4 12.4 37.2

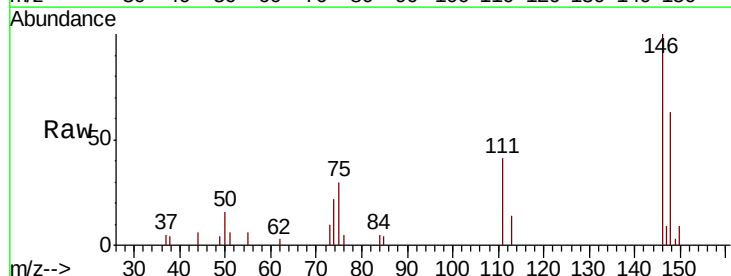


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

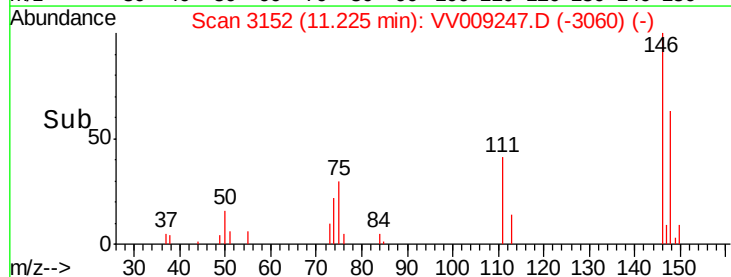
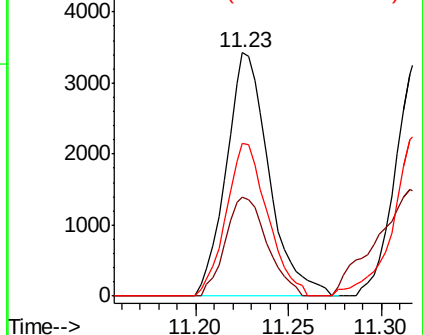


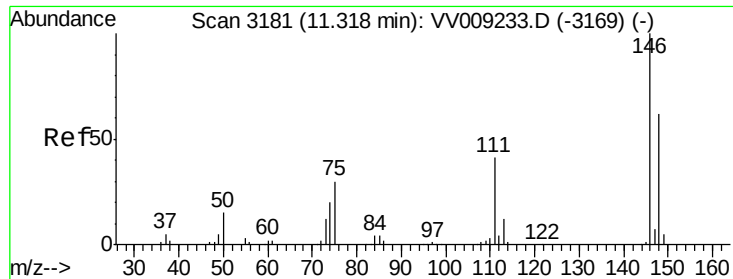
#87
 1,3-Dichlorobenzene
 Concen: 2.386 ug/l
 RT: 11.23 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

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



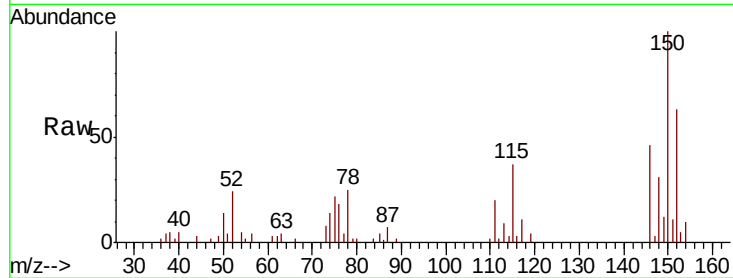
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



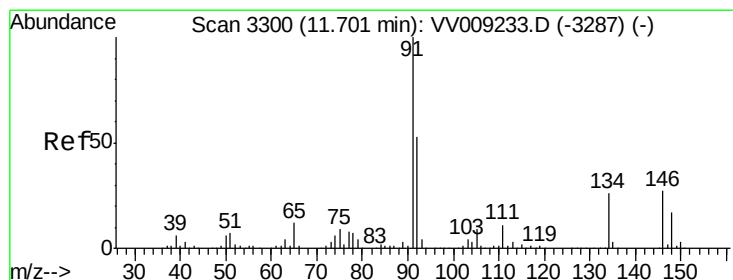
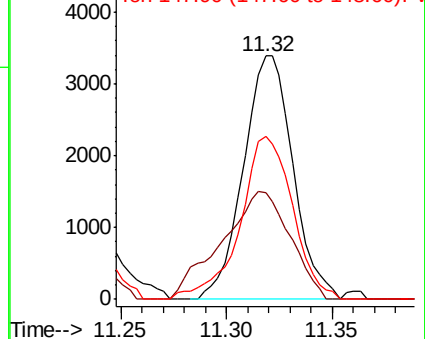
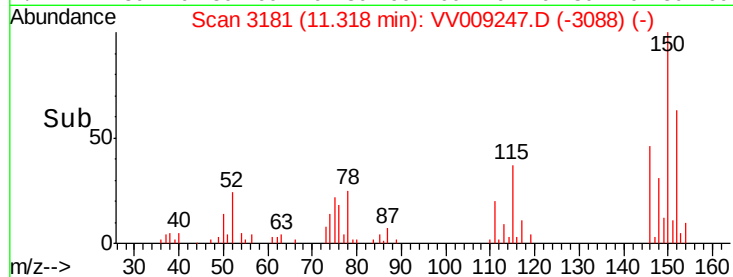


#88
 1,4-Dichlorobenzene
 Concen: 2.391 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

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

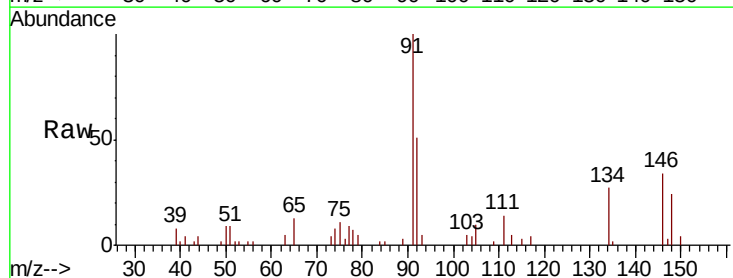


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

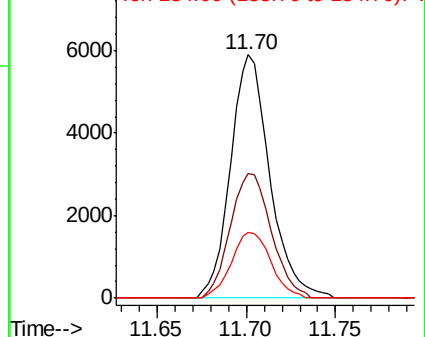
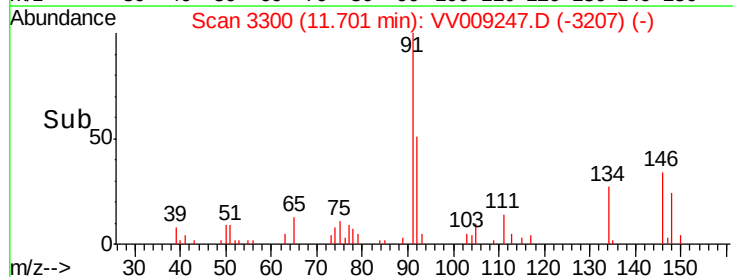


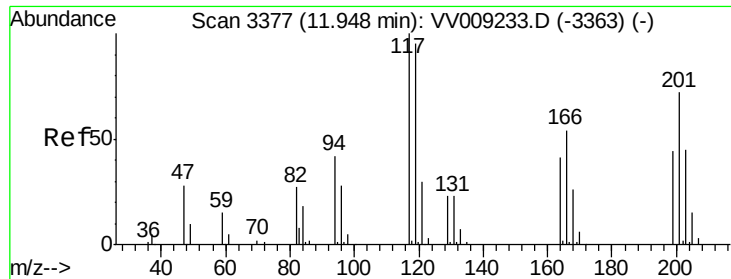
#89
 n-Butylbenzene
 Concen: 1.971 ug/l
 RT: 11.70 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

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



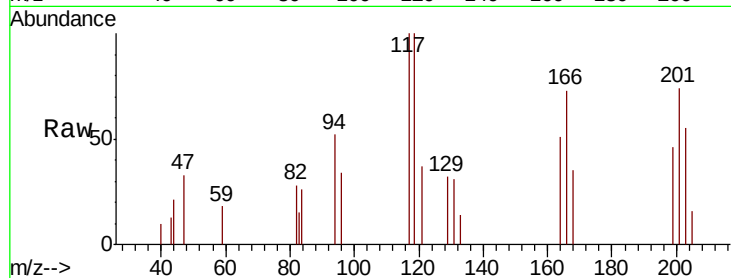
Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0
 Ion 134.00 (133.70 to 134.70): V



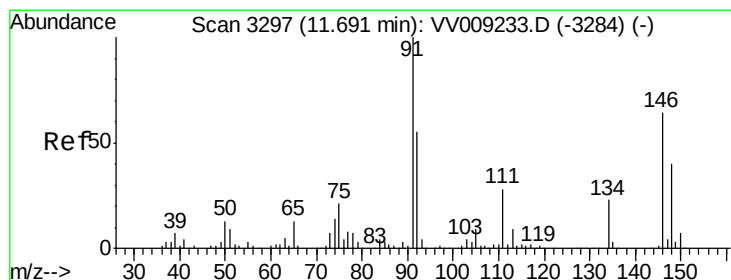
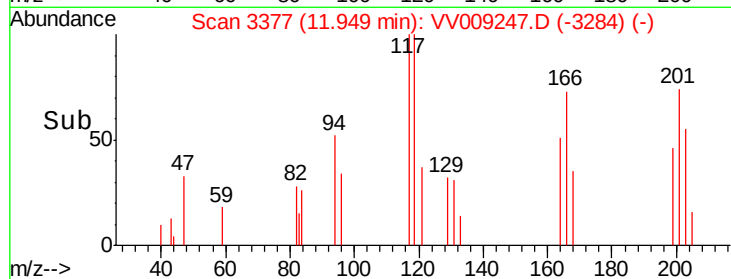
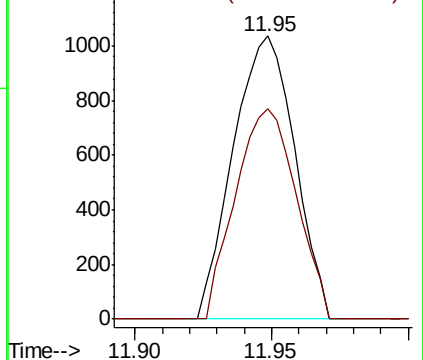


#90
Hexachloroethane
Concen: 1.928 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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

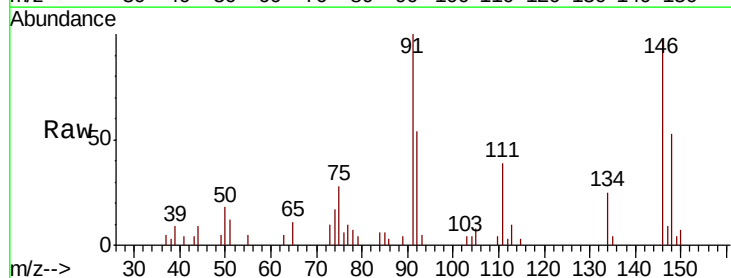


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

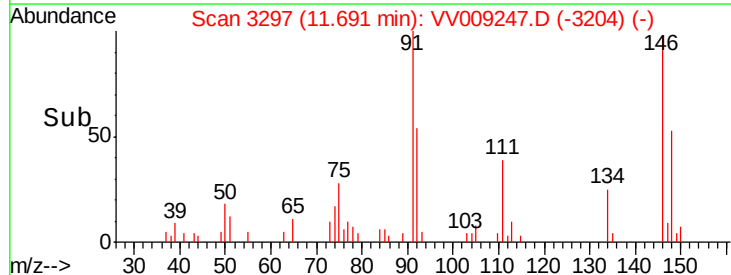
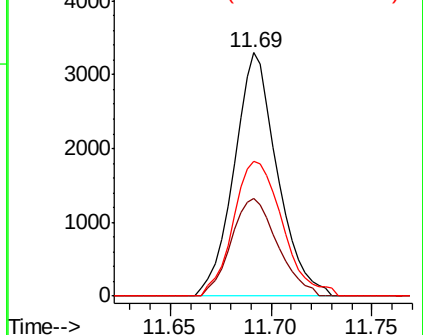


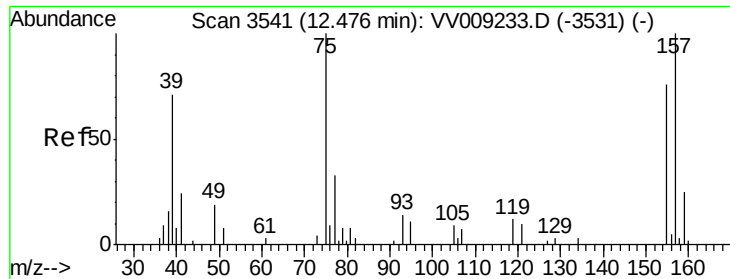
#91
1,2-Dichlorobenzene
Concen: 2.442 ug/l
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009247.D
Acq: 23 Jan 2019 14:39

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



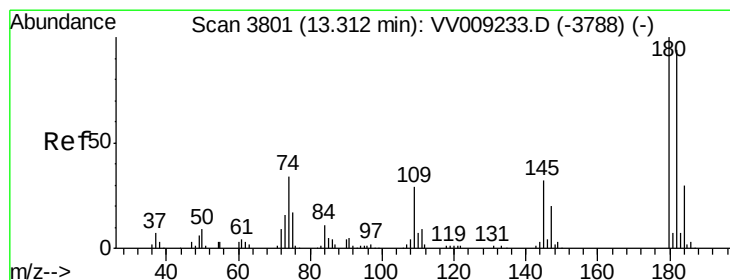
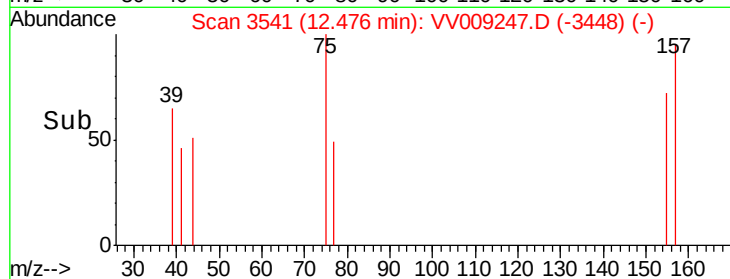
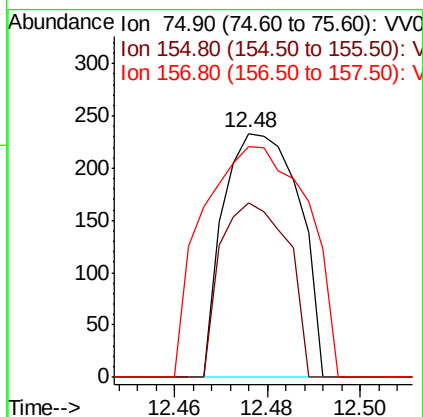
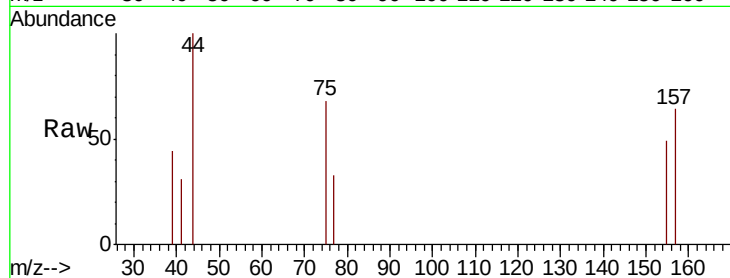
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





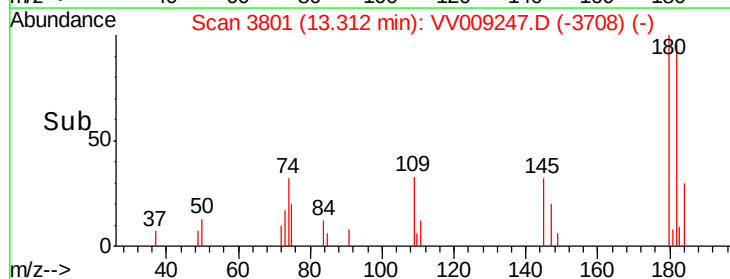
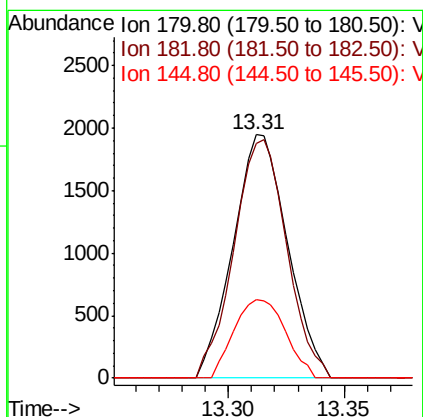
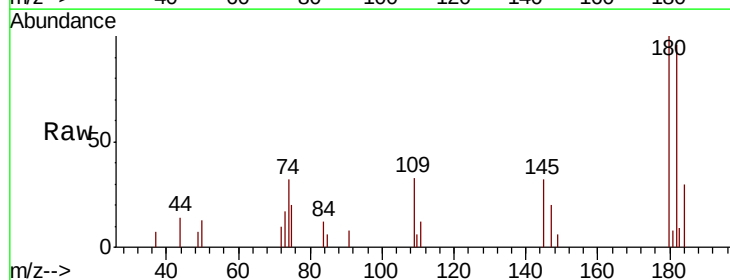
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.805 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009247.D
 Acq: 23 Jan 2019 14:39

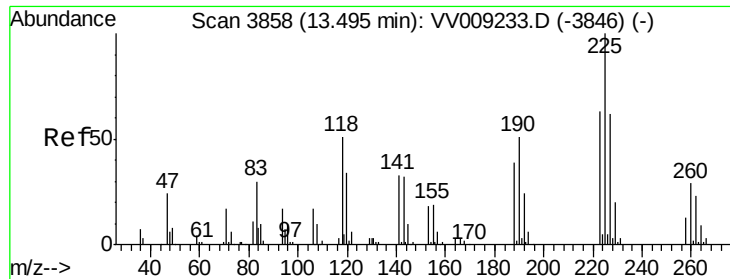
Tgt Ion: 75 Resp: 264
 Ion Ratio Lower Upper
 75 100
 155 63.6 38.0 114.0
 157 131.4 50.8 152.4



#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

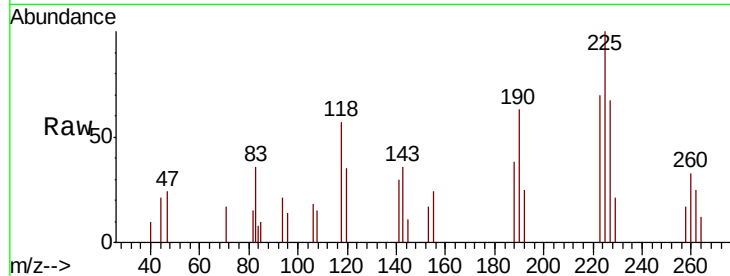
Tgt Ion:225 Resp: 1931

Ion Ratio Lower Upper

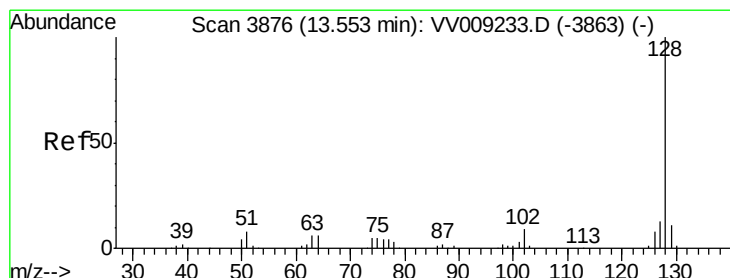
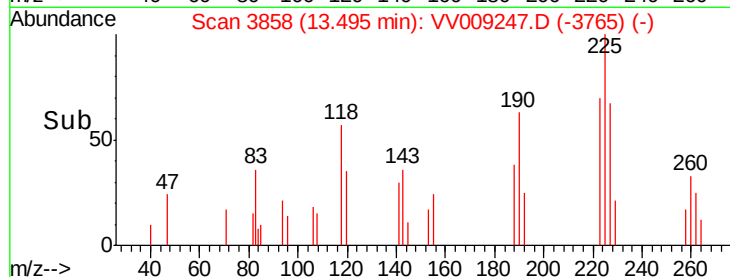
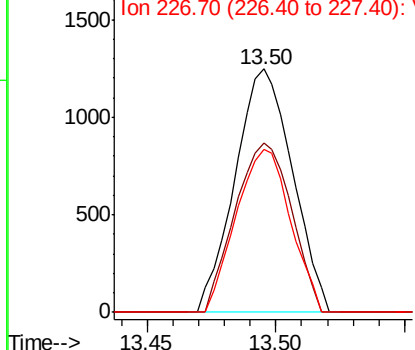
225 100

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

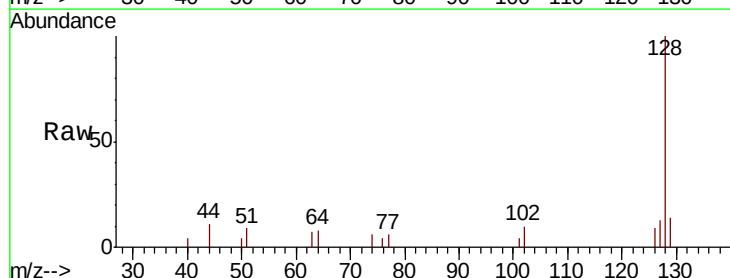
Tgt Ion:128 Resp: 5002

Ion Ratio Lower Upper

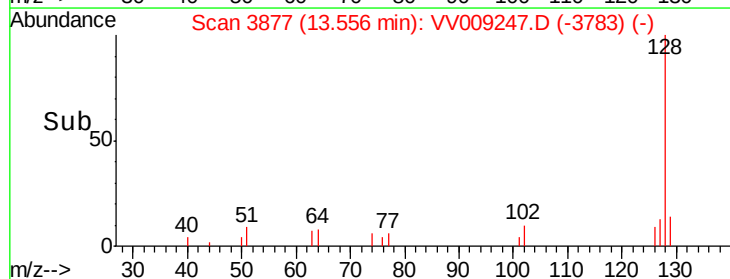
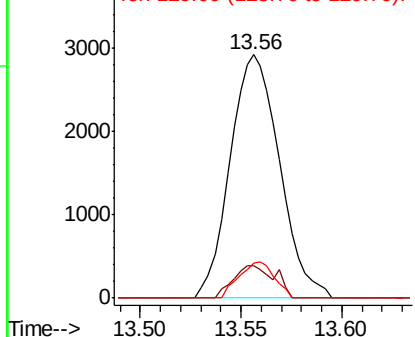
128 100

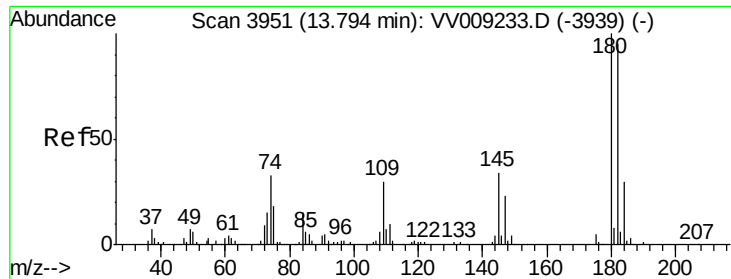
127 11.2 10.7 16.1

129 10.7 8.8 13.2



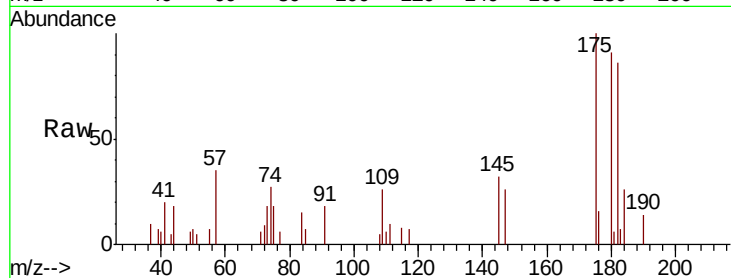
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#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

Tgt Ion:	180	Resp:	2734
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

