

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012319\
 Data File : VV009244.D
 Acq On : 23 Jan 2019 11:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 03:51:27 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	84501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	140329	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	129475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	54336	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	4.64	113	50584	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	7.35	98	201312	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
62) 4-Bromofluorobenzene	10.12	95	74133	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	32842	48.050	ug/l	100
3) Chloromethane	1.25	50	45232	49.163	ug/l	98
4) Vinyl Chloride	1.32	62	53210	50.902	ug/l	100
5) Bromomethane	1.53	94	30210	50.958	ug/l	98
6) Chloroethane	1.60	64	29368	50.265	ug/l	97
7) Trichlorofluoromethane	1.76	101	33546	45.726	ug/l	99
8) Diethyl Ether	1.96	74	23020	49.891	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	47032	51.594	ug/l	98
10) Methyl Iodide	2.25	142	75640	51.988	ug/l	99
11) Tert butyl alcohol	2.65	59	15725	253.565	ug/l	99
12) 1,1-Dichloroethene	2.13	96	46298	51.730	ug/l	98
13) Acrolein	2.06	56	13525	253.360	ug/l	96
14) Allyl chloride	2.42	41	78735	51.043	ug/l	98
15) Acrylonitrile	2.76	53	50746	253.903	ug/l	99
16) Acetone	2.17	43	65795	235.324	ug/l	99
17) Carbon Disulfide	2.31	76	141230	51.585	ug/l	99
18) Methyl Acetate	2.44	43	34155	45.736	ug/l	98
19) Methyl tert-butyl Ether	2.79	73	70255	50.569	ug/l	98
20) Methylene Chloride	2.52	84	48876	53.126	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	49947	51.798	ug/l	96
22) Diisopropyl ether	3.32	45	167533	51.006	ug/l	92
23) Vinyl Acetate	3.30	43	463413	260.023	ug/l	99
24) 1,1-Dichloroethane	3.22	63	104962	51.363	ug/l	99
25) 2-Butanone	4.01	43	83157	260.093	ug/l	97
26) 2,2-Dichloropropane	3.95	77	61910	53.831	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	61101	52.430	ug/l	97
28) Bromochloromethane	4.28	49	36562	48.483	ug/l	97
29) Tetrahydrofuran	4.38	42	46004	264.553	ug/l	98
30) Chloroform	4.42	83	104677	51.002	ug/l	100
31) Cyclohexane	4.72	56	94667	50.745	ug/l	97
32) 1,1,1-Trichloroethane	4.65	97	89349	51.651	ug/l	99
36) 1,1-Dichloropropene	4.87	75	80410	51.610	ug/l	98
37) Ethyl Acetate	4.12	43	32912	54.966	ug/l	97
38) Carbon Tetrachloride	4.87	117	82349	52.795	ug/l	97

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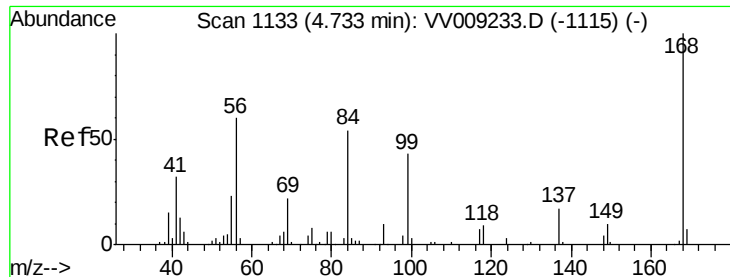
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	100442	54.440	ug/l	100
40) Benzene	5.14	78	230887	52.985	ug/l	99
41) Methacrylonitrile	4.30	41	19012	52.684	ug/l	98
42) 1,2-Dichloroethane	5.17	62	67448	49.455	ug/l	99
43) Isopropyl Acetate	5.32	43	62757	53.284	ug/l	98
44) Trichloroethene	5.95	130	60774	52.999	ug/l	99
45) 1,2-Dichloropropane	6.22	63	54853	52.332	ug/l	98
46) Dibromomethane	6.35	93	28882	53.699	ug/l	99
47) Bromodichloromethane	6.55	83	75146	52.873	ug/l	99
48) Methyl methacrylate	6.41	41	31605	52.587	ug/l	97
49) 1,4-Dioxane	6.41	88	7469	1090.173	ug/l	97
51) 4-Methyl-2-Pentanone	7.27	43	157220	263.030	ug/l	99
52) Toluene	7.43	92	145366	52.735	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	73960	53.467	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	86151	54.087	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	40681	53.683	ug/l	97
56) Ethyl methacrylate	7.83	69	48129	54.513	ug/l	99
57) 1,3-Dichloropropane	8.05	76	73794	53.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.93	63	2440	176.848	ug/l	91
59) 2-Hexanone	8.18	43	116606	269.718	ug/l	99
60) Dibromochloromethane	8.29	129	48133	54.248	ug/l	99
61) 1,2-Dibromoethane	8.40	107	40109	54.123	ug/l	98
64) Tetrachloroethene	8.02	164	50101	54.377	ug/l	97
65) Chlorobenzene	8.92	112	157609	52.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	53821	52.281	ug/l	99
67) Ethyl Benzene	9.05	91	286383	53.368	ug/l	100
68) m/p-Xylenes	9.18	106	216129	106.090	ug/l	100
69) o-Xylene	9.59	106	102268	54.146	ug/l	99
70) Styrene	9.60	104	166037	55.082	ug/l	98
71) Bromoform	9.77	173	26588	54.770	ug/l #	98
73) Isopropylbenzene	9.97	105	289832	54.188	ug/l	99
74) N-amyl acetate	9.84	43	52938	53.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	48205	53.460	ug/l	98
76) 1,2,3-Trichloropropane	10.05	75	12420	17.514	ug/l	83
77) Bromobenzene	10.26	156	60952	53.278	ug/l	97
78) n-propylbenzene	10.40	91	341226	53.815	ug/l	100
79) 2-Chlorotoluene	10.47	91	199497	52.145	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	241694	53.882	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	13810	55.111	ug/l	99
82) 4-Chlorotoluene	10.58	91	236322	52.444	ug/l	99
83) tert-Butylbenzene	10.91	119	230463	53.957	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	241856	53.449	ug/l	99
85) sec-Butylbenzene	11.13	105	301798	53.947	ug/l	100
86) p-Isopropyltoluene	11.29	119	263944	53.884	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	125656	52.899	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	124936	52.027	ug/l	99
89) n-Butylbenzene	11.70	91	253962	53.414	ug/l	99
90) Hexachloroethane	11.95	117	46855	53.791	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	109156	52.057	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8012	52.926	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	70219	52.020	ug/l	99
94) Hexachlorobutadiene	13.50	225	43702	52.238	ug/l	98
95) Naphthalene	13.55	128	124994	53.554	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	59431	51.994	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009244.D

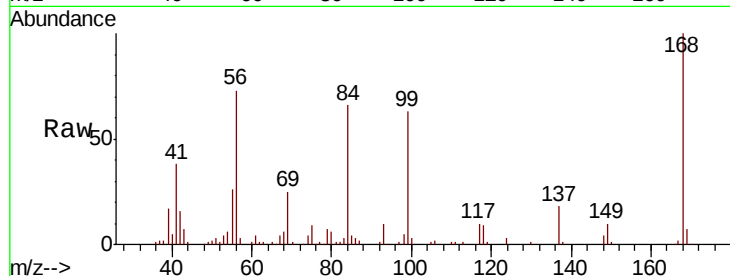
Acq: 23 Jan 2019 11:58

Tgt Ion: 168 Resp: 84501

Ion Ratio Lower Upper

168 100

99 62.2 50.9 76.3

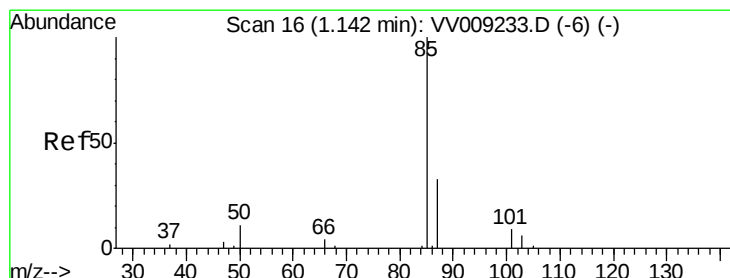
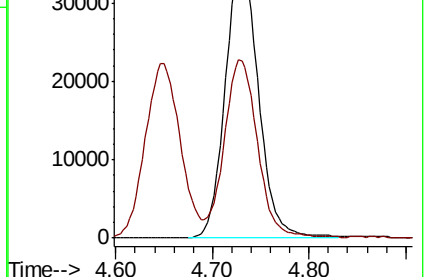
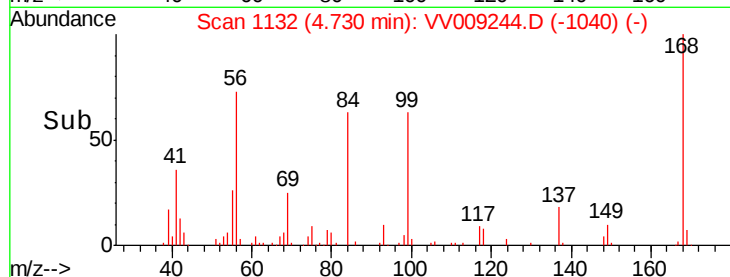


Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

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

4.73

Time-->



#2

Dichlorodifluoromethane

Concen: 48.050 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009244.D

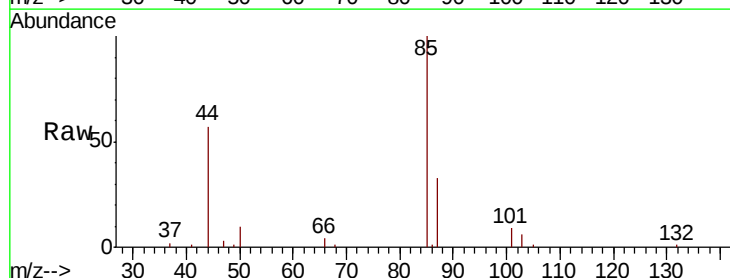
Acq: 23 Jan 2019 11:58

Tgt Ion: 85 Resp: 32842

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.7

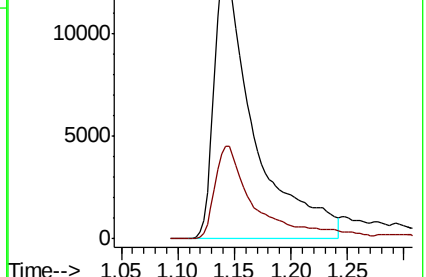
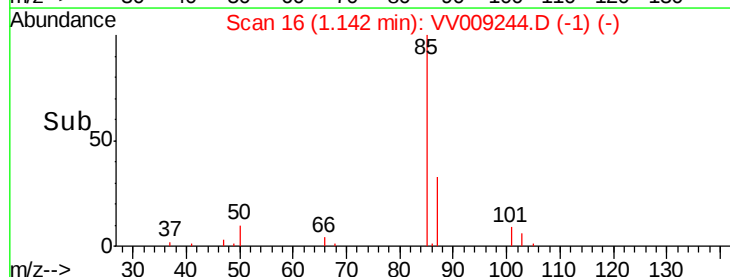


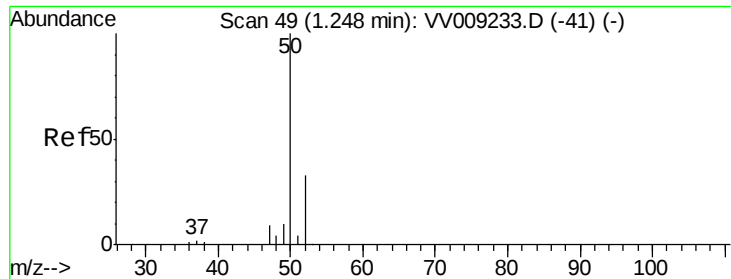
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

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

1.14

Time-->





#3

Chloromethane

Concen: 49.163 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009244.D

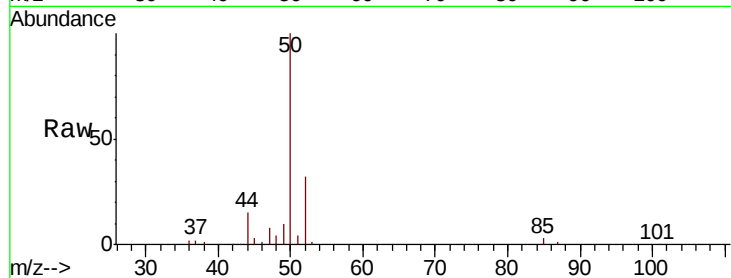
Acq: 23 Jan 2019 11:58

Tgt Ion: 50 Resp: 45232

Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009233.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VV009233.D (-41) (-)

1.25

40000

30000

20000

10000

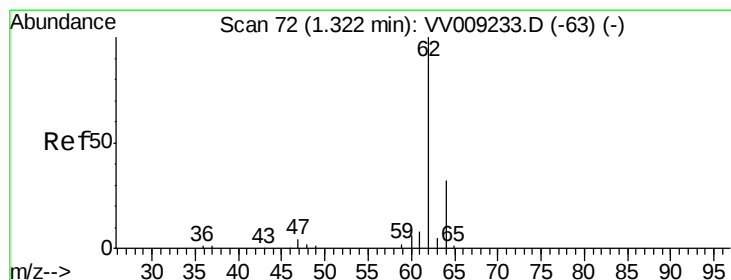
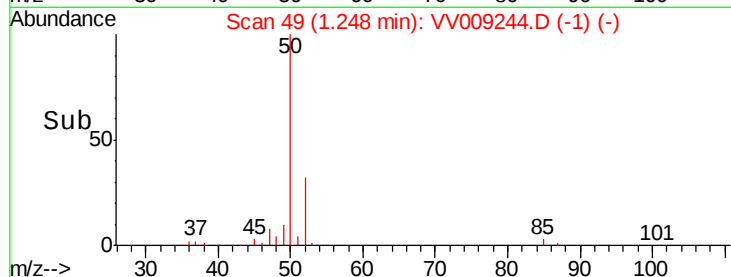
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Time-->

1.20

1.25

1.30



#4

Vinyl Chloride

Concen: 50.902 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009244.D

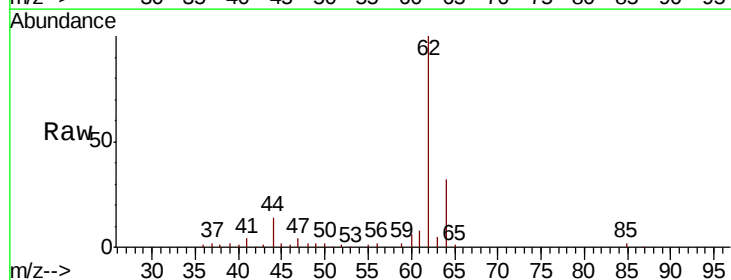
Acq: 23 Jan 2019 11:58

Tgt Ion: 62 Resp: 53210

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VV009233.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VV009233.D (-63) (-)

1.32

40000

30000

20000

10000

0

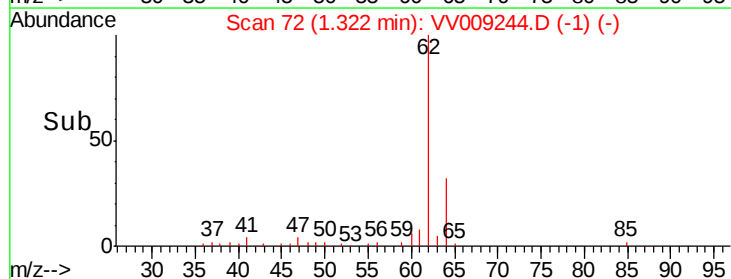
Time-->

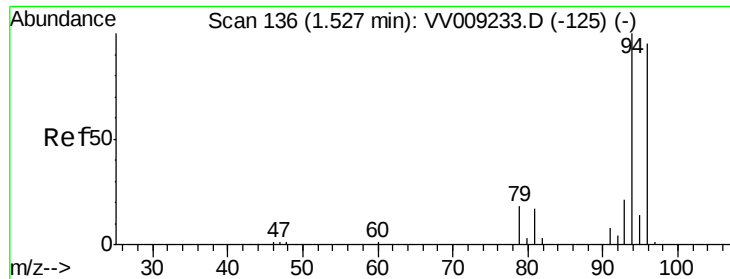
1.25

1.30

1.35

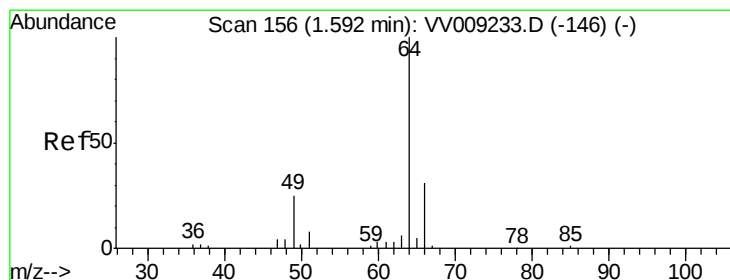
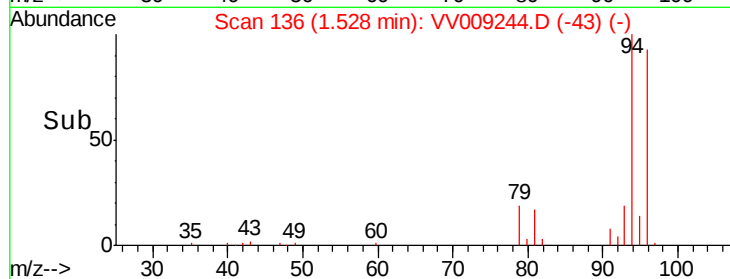
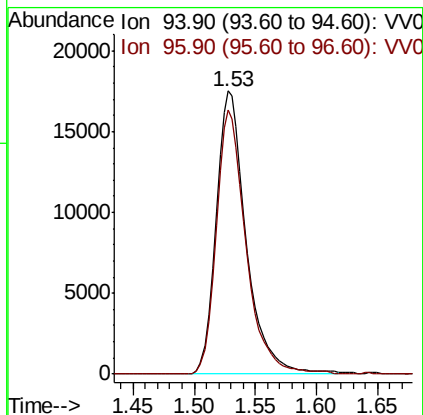
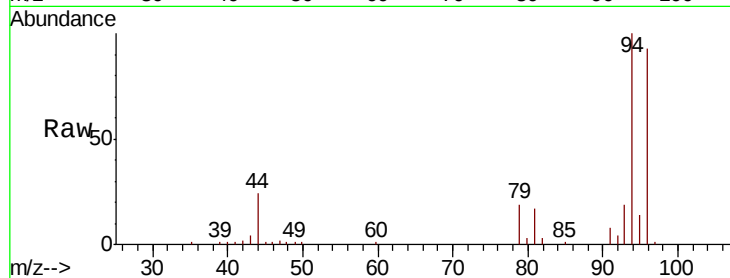
1.40





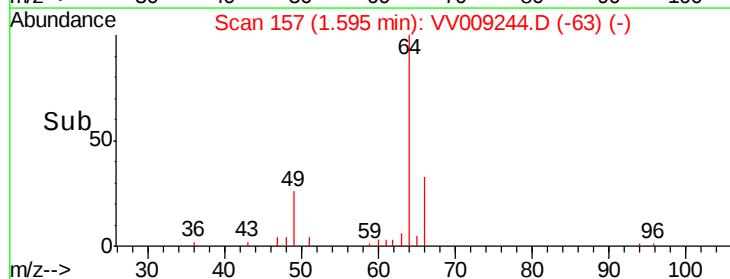
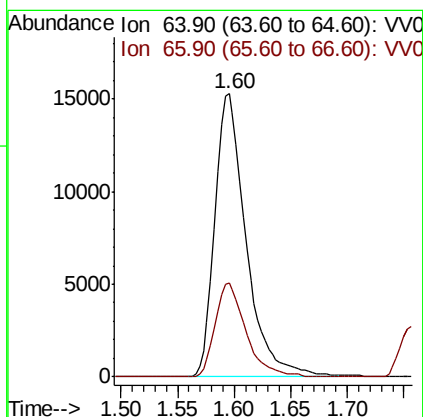
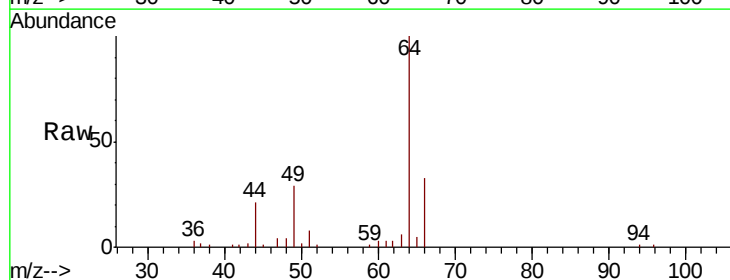
#5
 Bromomethane
 Concen: 50.958 ug/l
 RT: 1.53 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VV009244.D
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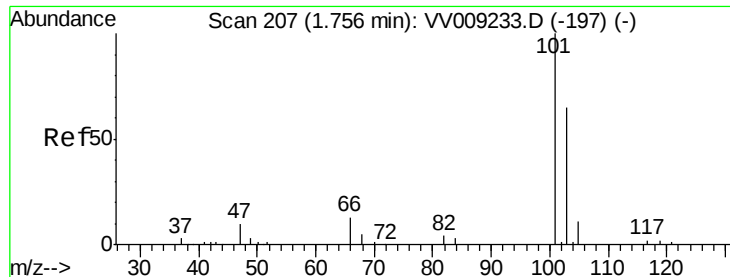
Tgt Ion: 94 Resp: 30210
 Ion Ratio Lower Upper
 94 100
 96 93.2 76.3 114.5



#6
 Chloroethane
 Concen: 50.265 ug/l
 RT: 1.60 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 64 Resp: 29368
 Ion Ratio Lower Upper
 64 100
 66 33.2 25.1 37.7

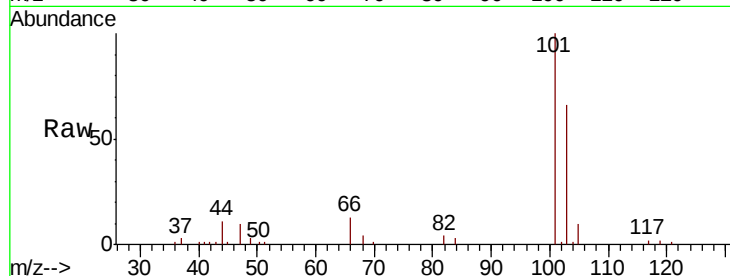




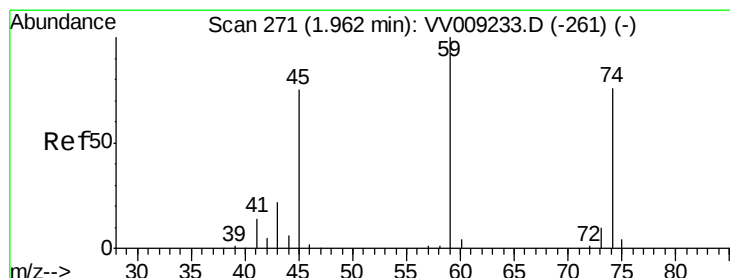
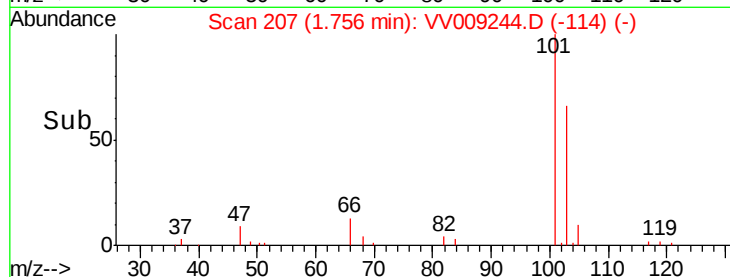
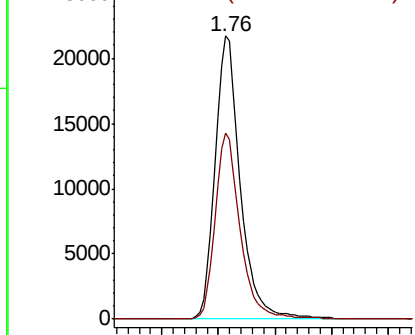
#7

Trichlorofluoromethane
 Concen: 45.726 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 101 Resp: 33546
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.4



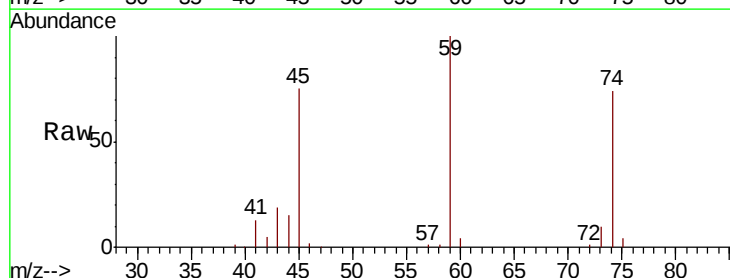
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



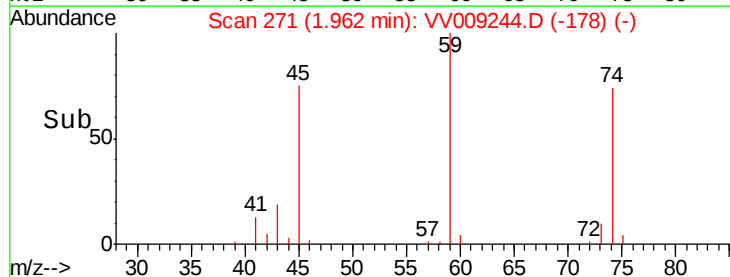
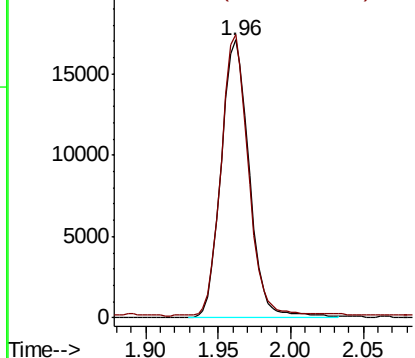
#8

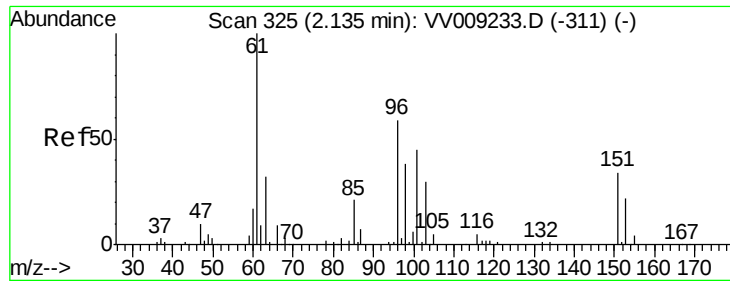
Diethyl Ether
 Concen: 49.891 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 74 Resp: 23020
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.1 147.3



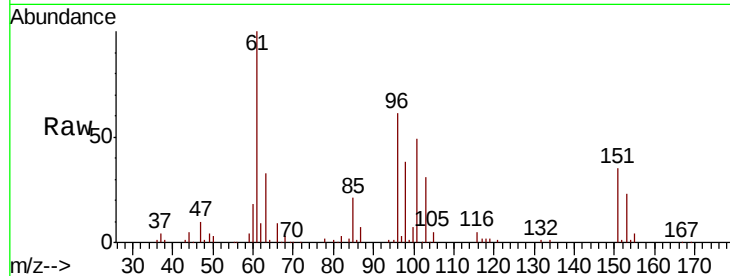
Abundance Ion 74.00 (73.70 to 74.70): VV0
 Ion 45.00 (44.70 to 45.70): VV0



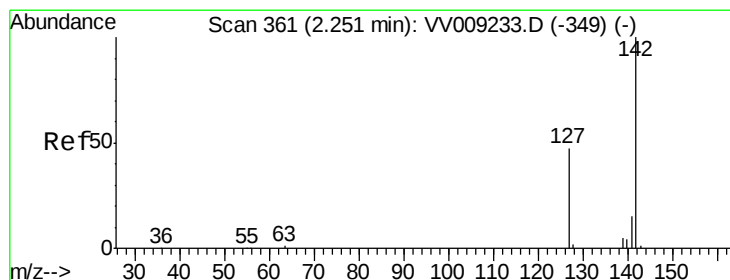
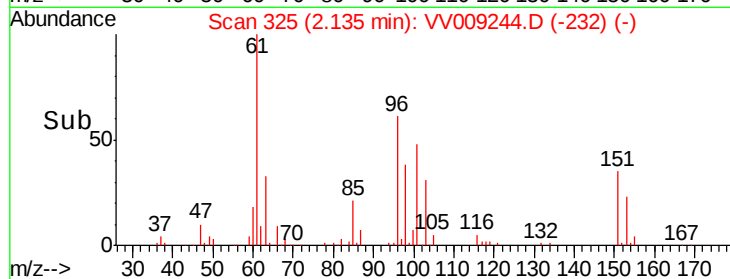
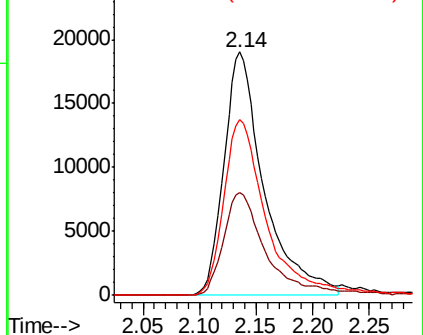


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.594 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.3	52.9
151	76.8	60.1	90.1

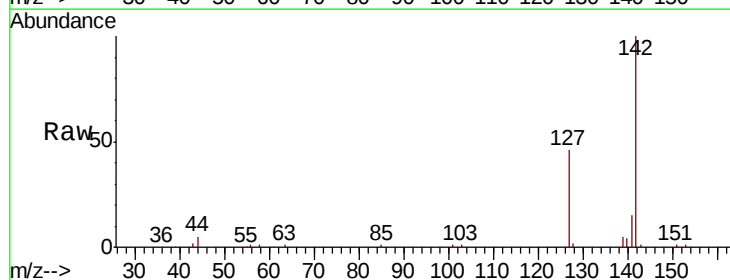


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 150.80 (150.50 to 151.50): V

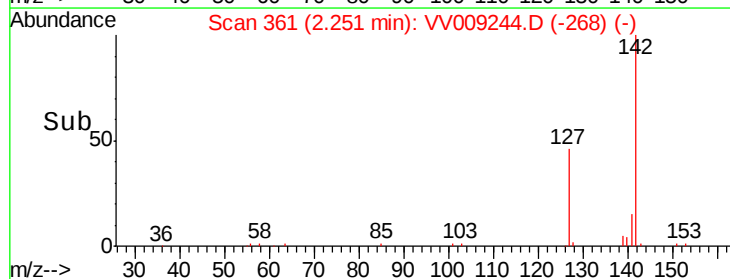
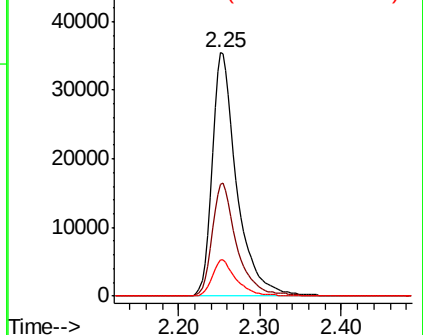


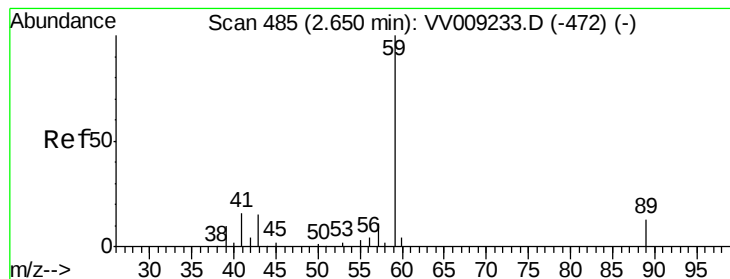
#10
 Methyl Iodide
 Concen: 51.988 ug/l
 RT: 2.25 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.9	56.9
141	14.5	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

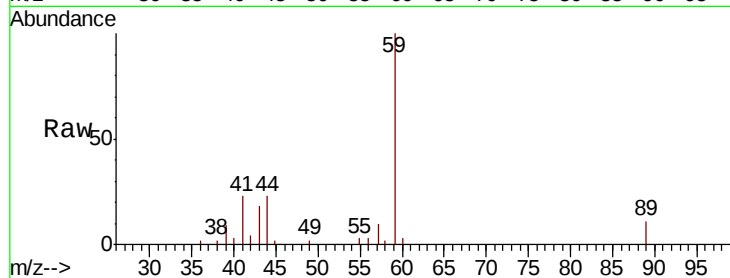




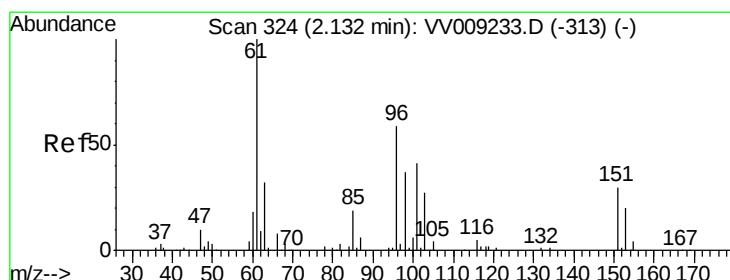
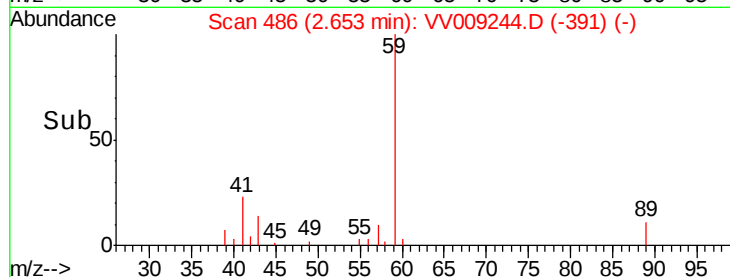
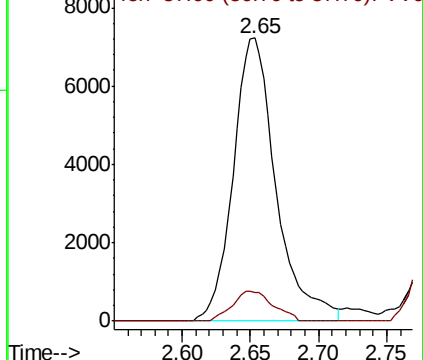
#11

Tert butyl alcohol
Concen: 253.565 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 59 Resp: 15725
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



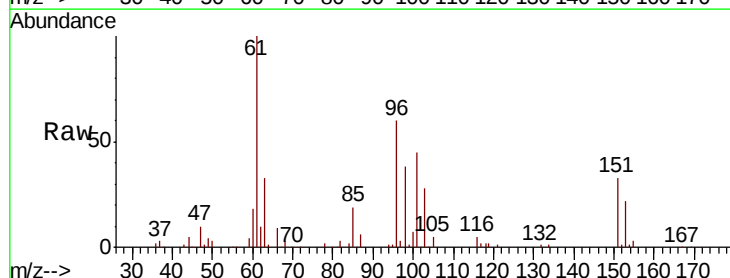
Abundance Ion 59.00 (58.70 to 59.70): VV0
Ion 57.00 (56.70 to 57.70): VV0



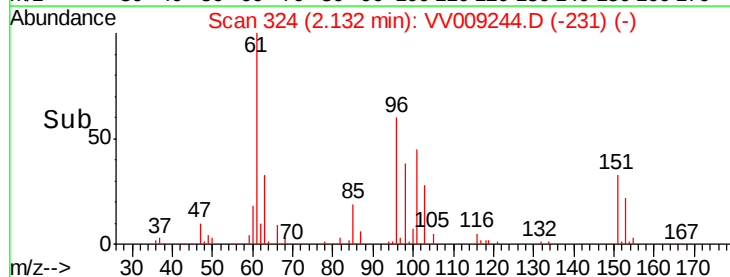
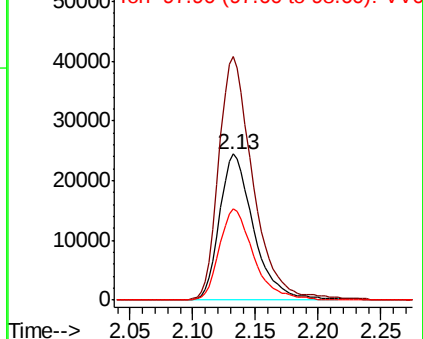
#12

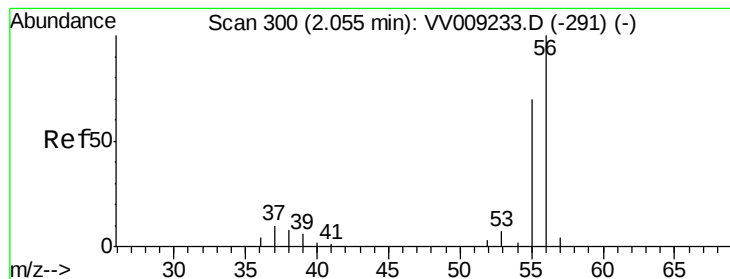
1,1-Dichloroethene
Concen: 51.730 ug/l
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 96 Resp: 46298
Ion Ratio Lower Upper
96 100
61 167.0 136.6 205.0
98 62.7 50.6 75.8



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





#13

Acrolein

Concen: 253.360 ug/l

RT: 2.06 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009244.D

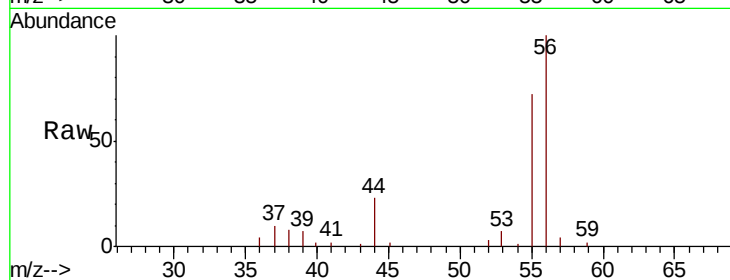
Acq: 23 Jan 2019 11:58

Tgt Ion: 56 Resp: 13525

Ion Ratio Lower Upper

56 100

55 70.6 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009233.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-291) (-)

2.06

8000

6000

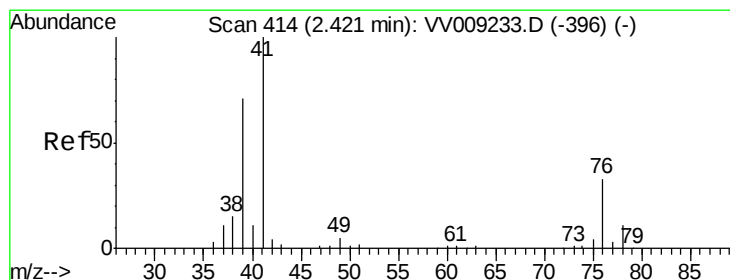
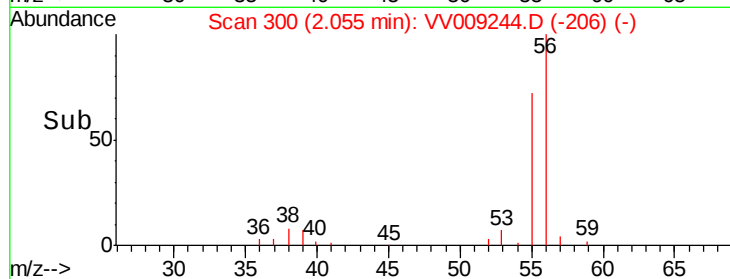
4000

2000

0

Time-->

2.00 2.05 2.10 2.15



#14

Allyl chloride

Concen: 51.043 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

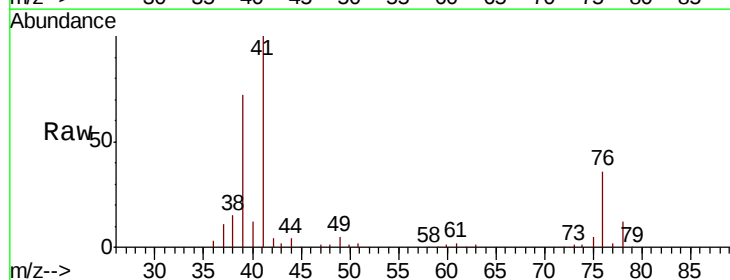
Tgt Ion: 41 Resp: 78735

Ion Ratio Lower Upper

41 100

39 69.6 55.1 82.7

76 36.3 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-396) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-396) (-)

Ion 75.90 (75.60 to 76.60): VV009233.D (-396) (-)

2.42

80000

60000

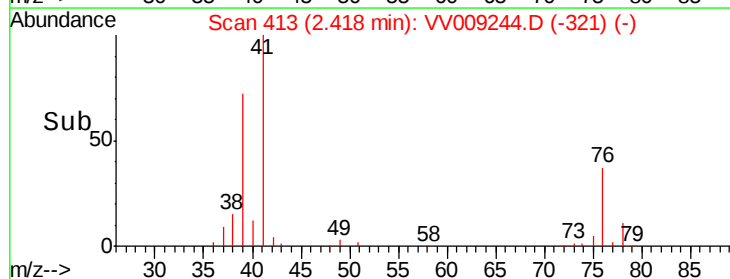
40000

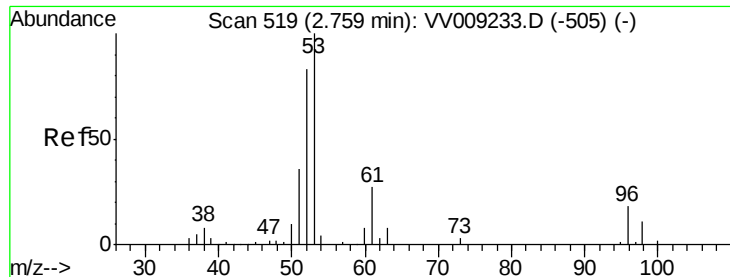
20000

0

Time-->

2.30 2.40 2.50





#15

Acrylonitrile

Concen: 253.903 ug/l

RT: 2.76 min Scan# 518

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

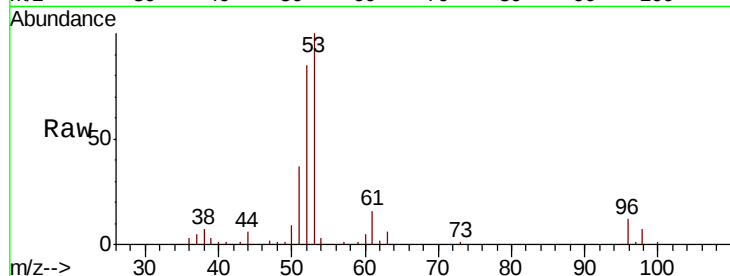
Tgt Ion: 53 Resp: 50746

Ion Ratio Lower Upper

53 100

52 83.1 65.3 97.9

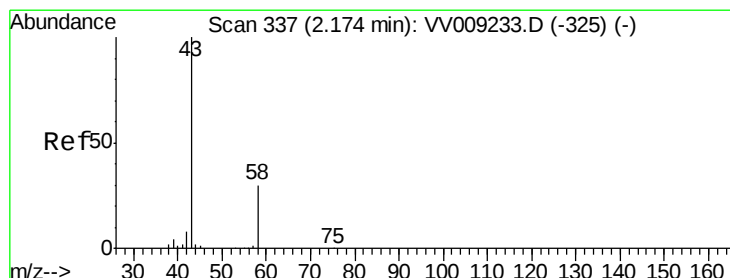
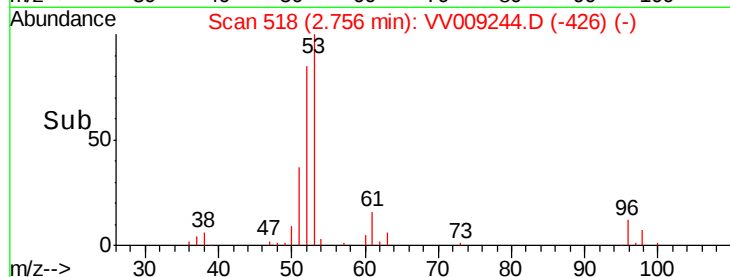
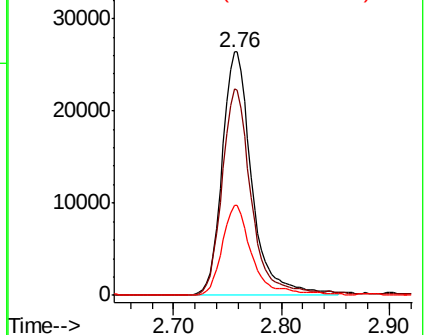
51 36.6 29.0 43.4



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

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

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



#16

Acetone

Concen: 235.324 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009244.D

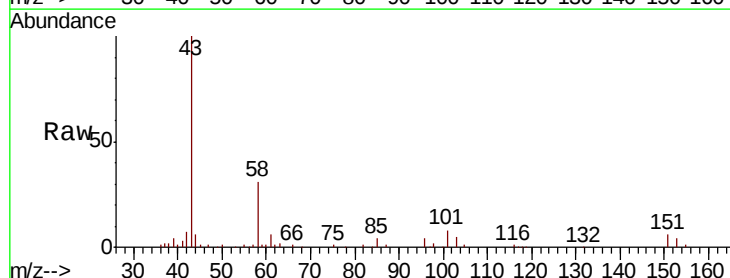
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 65795

Ion Ratio Lower Upper

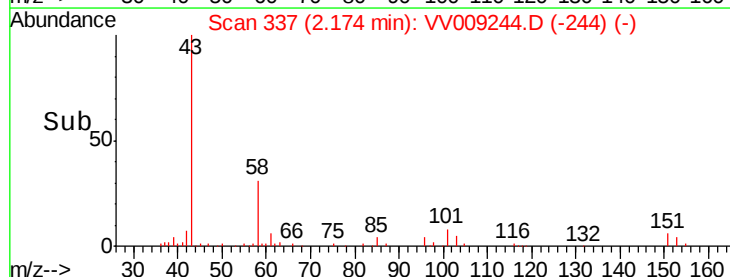
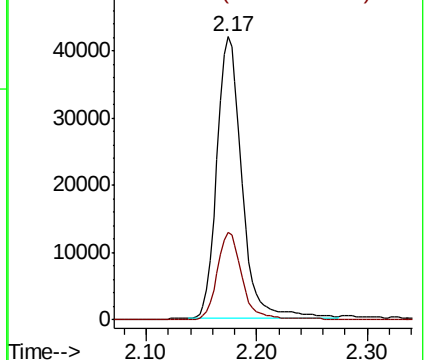
43 100

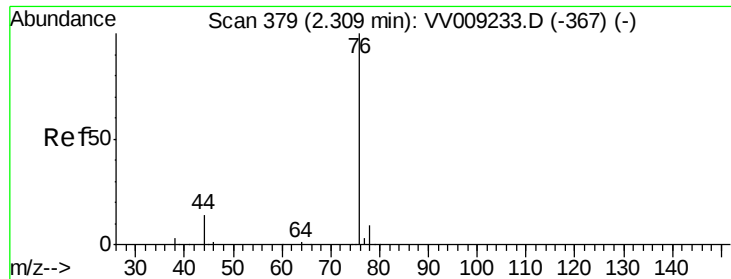
58 31.2 24.4 36.6



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

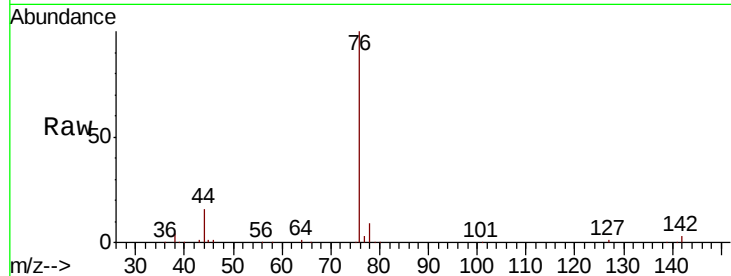
Ion 58.00 (57.70 to 58.70): VV009233.D (-325) (-)



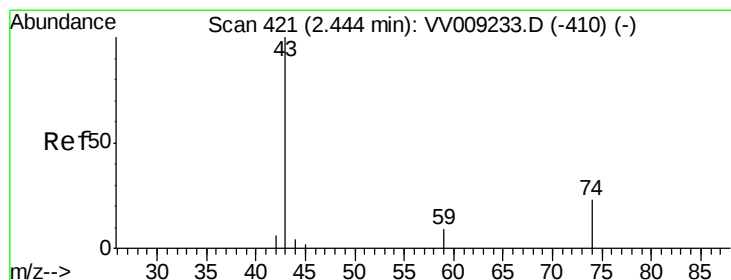
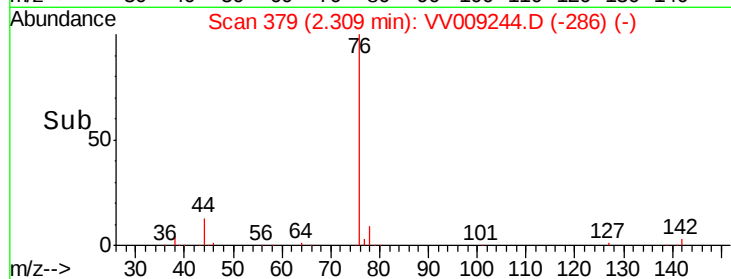
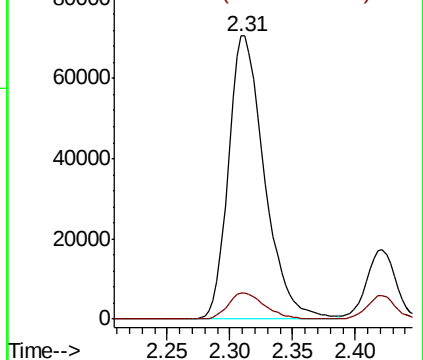


#17
Carbon Disulfide
Concen: 51.585 ug/l
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 76 Resp: 141230
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

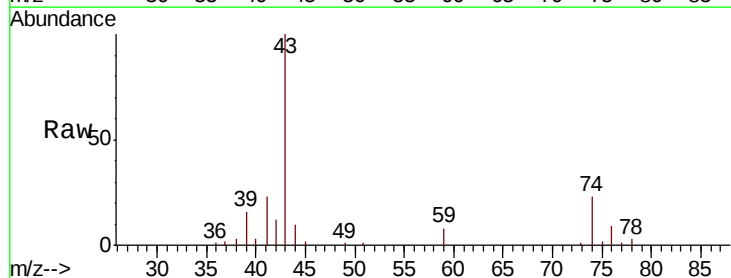


Abundance Ion 75.90 (75.60 to 76.60): VV0
Ion 77.90 (77.60 to 78.60): VV0

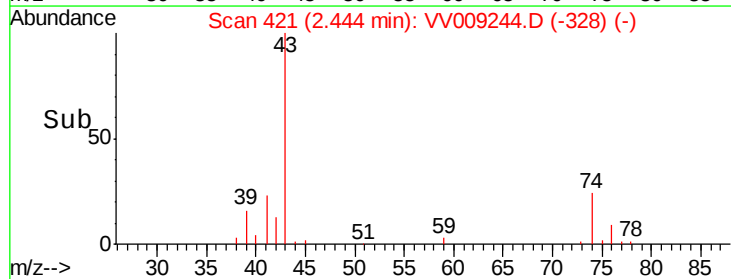
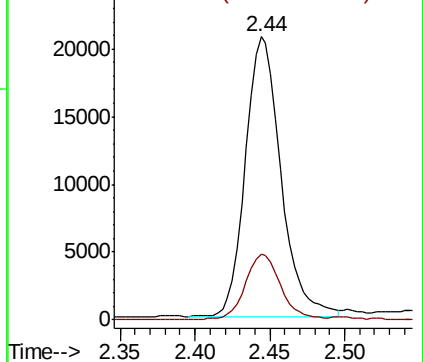


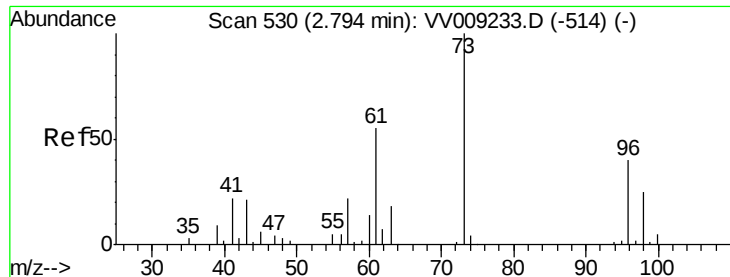
#18
Methyl Acetate
Concen: 45.736 ug/l
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 34155
Ion Ratio Lower Upper
43 100
74 23.5 19.7 29.5



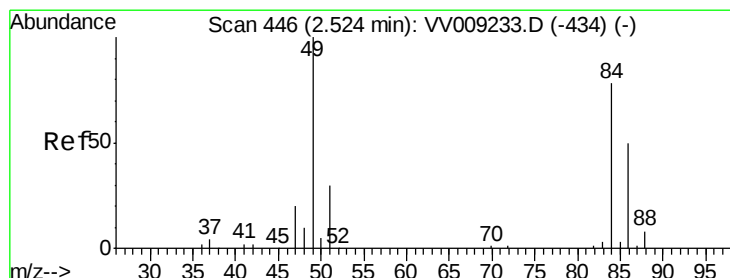
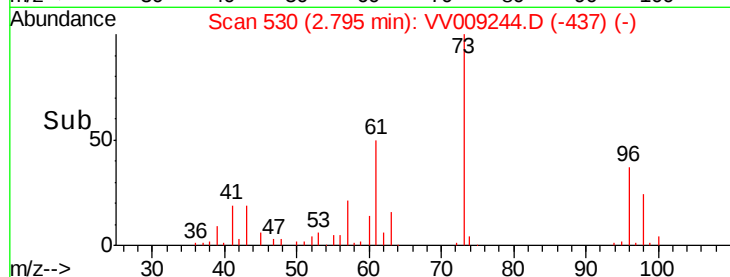
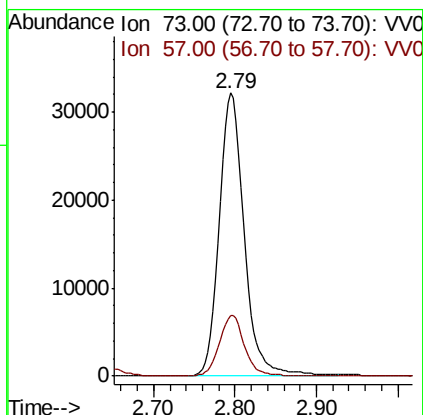
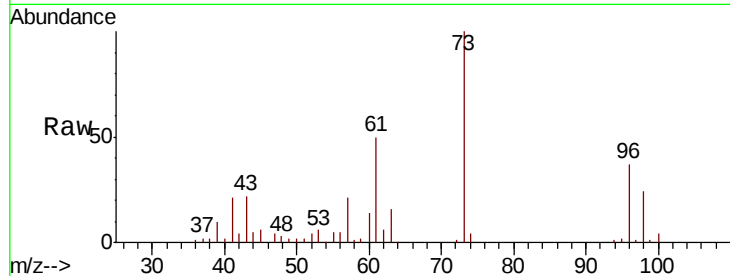
Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 74.00 (73.70 to 74.70): VV0





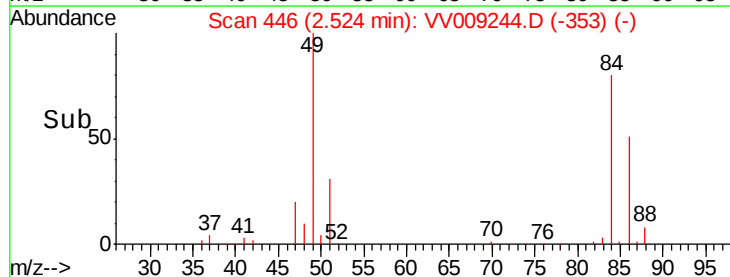
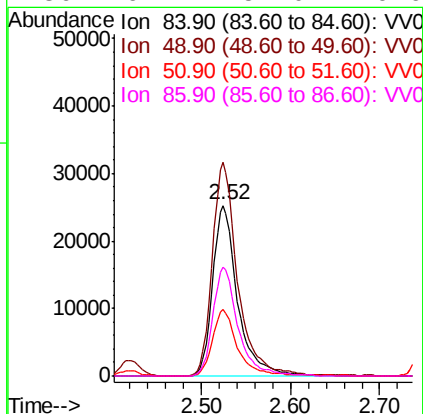
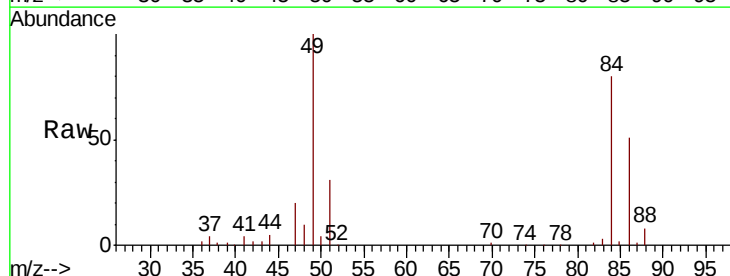
#19
Methyl tert-butyl Ether
Concen: 50.569 ug/l
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

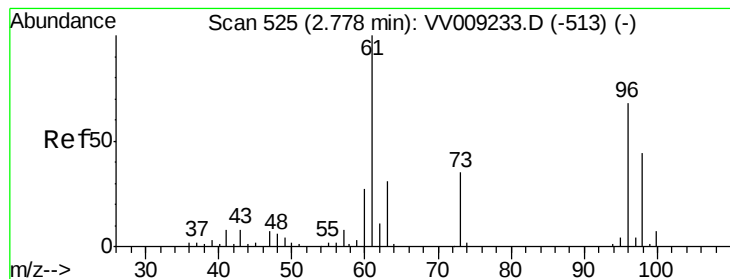
Tgt Ion: 73 Resp: 70255
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0



#20
Methylene Chloride
Concen: 53.126 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 84 Resp: 48876
Ion Ratio Lower Upper
84 100
49 125.1 102.0 153.0
51 38.8 30.9 46.3
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.798 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

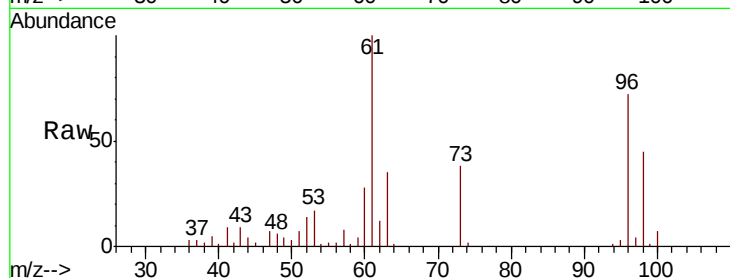
Tgt Ion: 96 Resp: 49947

Ion Ratio Lower Upper

96 100

61 139.7 117.7 176.5

98 63.5 51.5 77.3

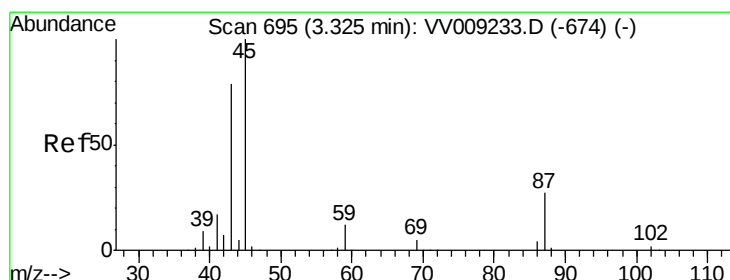
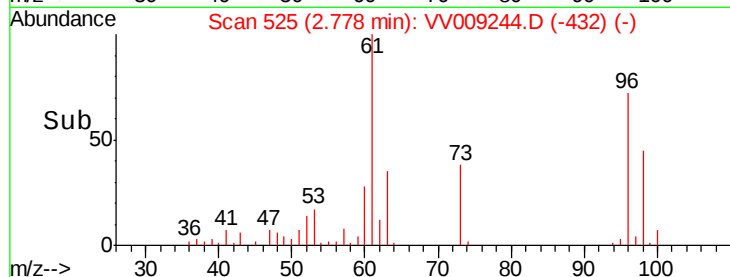
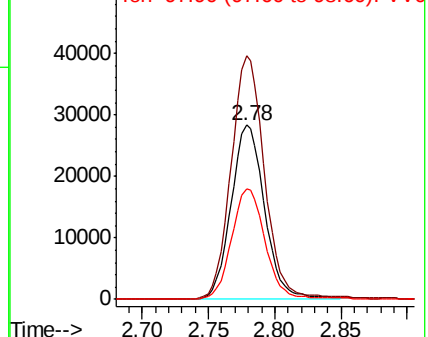


Abundance

Ion 95.90 (95.60 to 96.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

Ion 97.90 (97.60 to 98.60): VV0



#22

Diisopropyl ether

Concen: 51.006 ug/l

RT: 3.32 min Scan# 694

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 45 Resp: 167533

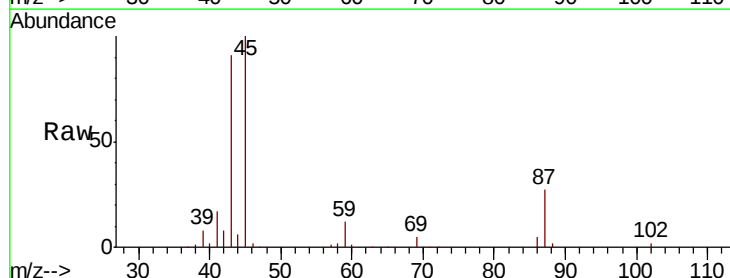
Ion Ratio Lower Upper

45 100

43 89.2 63.0 94.4

87 26.9 21.5 32.3

59 12.0 9.3 13.9



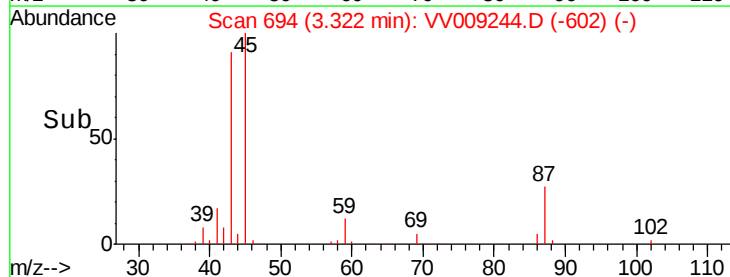
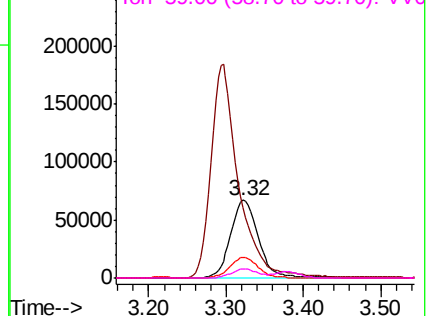
Abundance

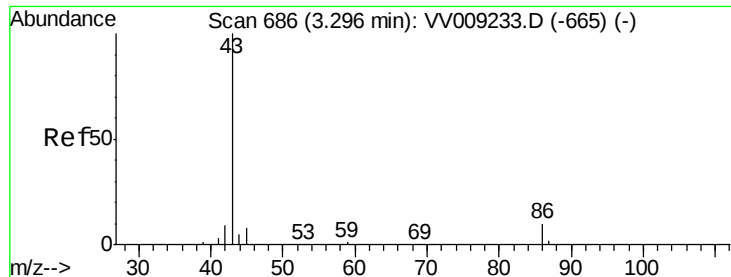
Ion 45.00 (44.70 to 45.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

Ion 59.00 (58.70 to 59.70): VV0





#23

Vinyl Acetate

Concen: 260.023 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009244.D

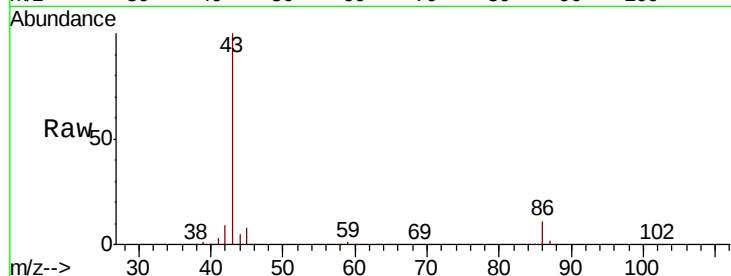
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 463413

Ion Ratio Lower Upper

43 100

86 10.6 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

200000

150000

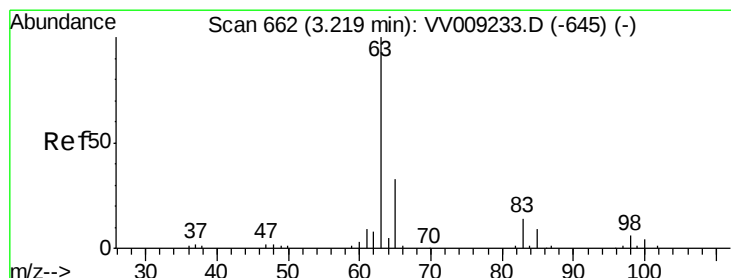
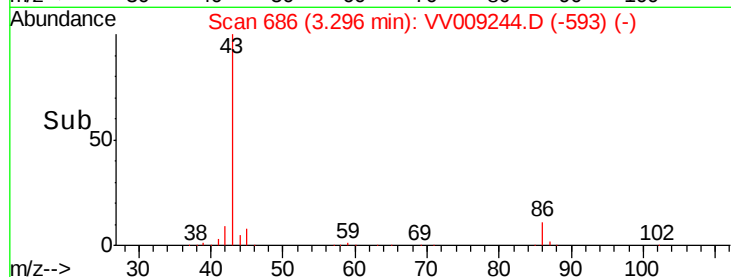
100000

50000

0

Time-->

3.20 3.30 3.40 3.50



#24

1,1-Dichloroethane

Concen: 51.363 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

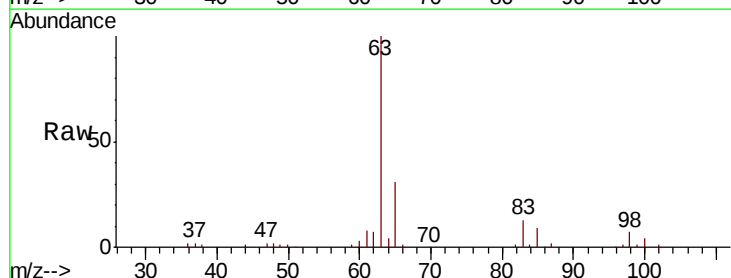
Tgt Ion: 63 Resp: 104962

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.4 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

60000

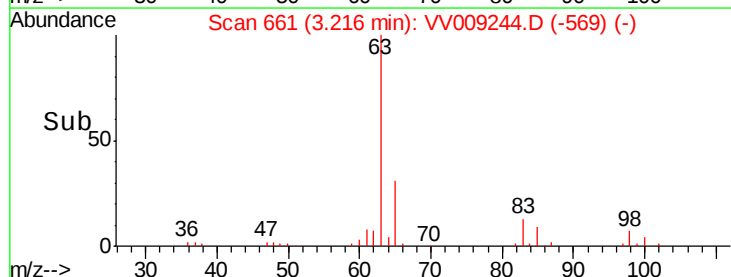
40000

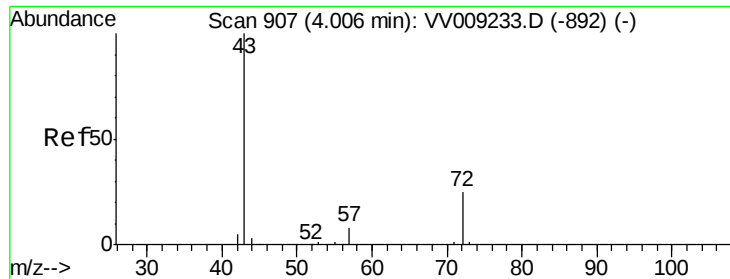
20000

0

Time-->

3.10 3.15 3.20 3.25 3.30





#25

2-Butanone

Concen: 260.093 ug/l

RT: 4.01 min Scan# 907

Delta R.T. 0.00 min

Lab File: VV009244.D

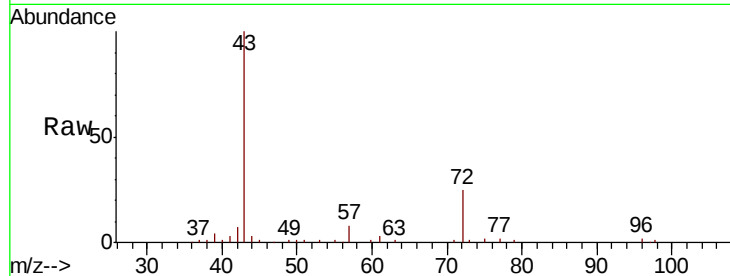
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 83157

Ion Ratio Lower Upper

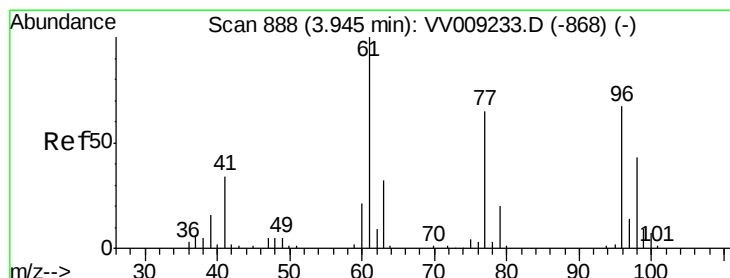
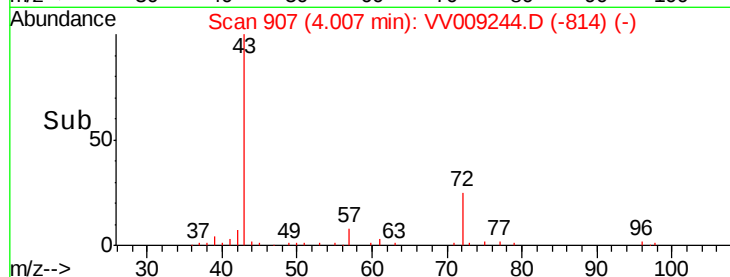
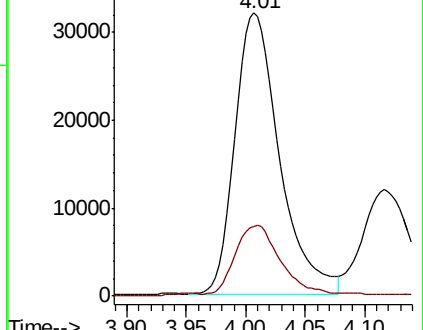
43 100

72 23.9 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: 53.831 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009244.D

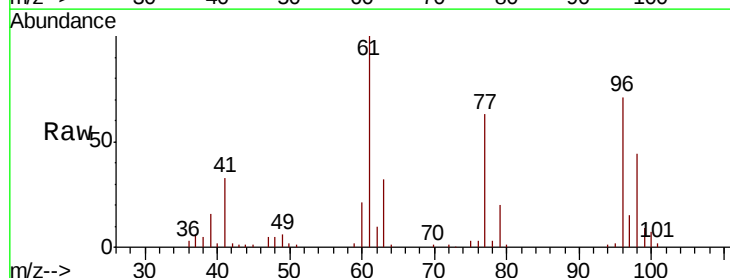
Acq: 23 Jan 2019 11:58

Tgt Ion: 77 Resp: 61910

Ion Ratio Lower Upper

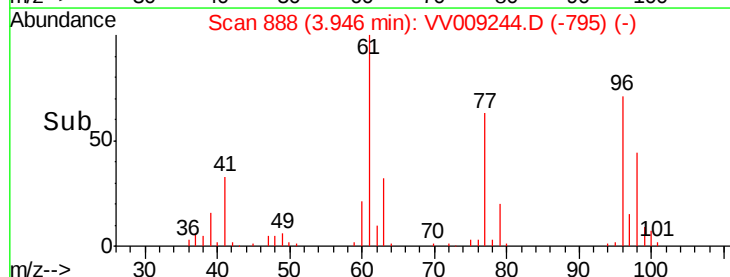
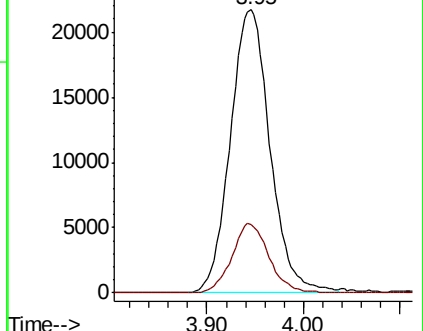
77 100

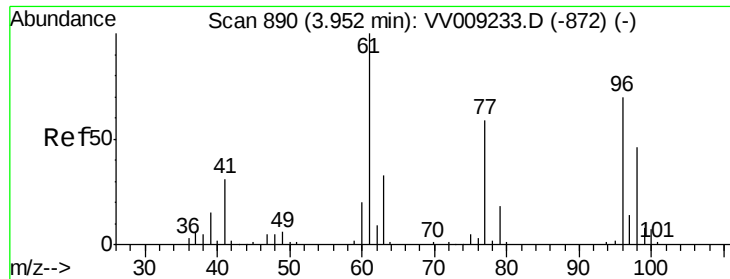
97 22.8 10.9 32.6



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

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

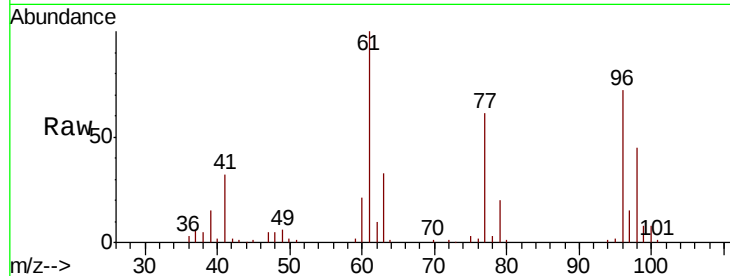




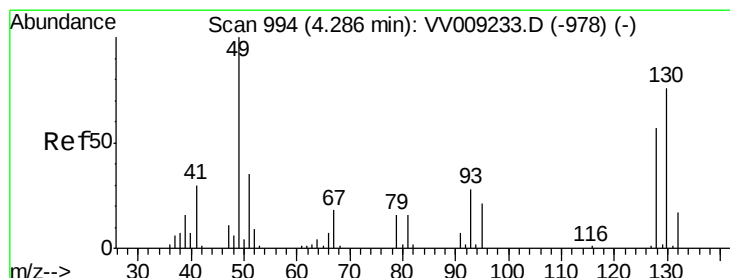
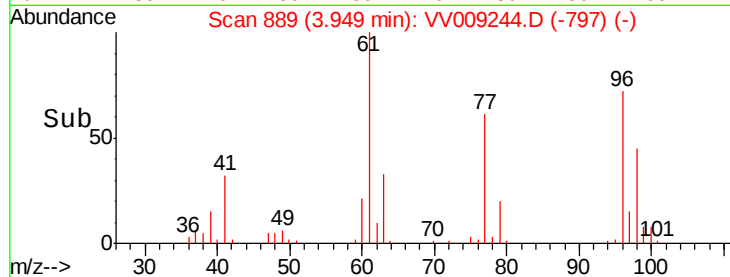
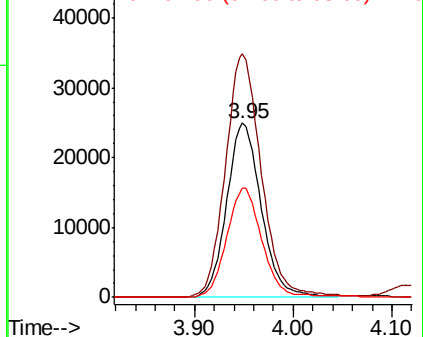
#27

cis-1,2-Dichloroethene
Concen: 52.430 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Resp	Ratio	Lower	Upper
96	61101	100		
61	144.6		0.0	296.4
98	63.3		0.0	130.0



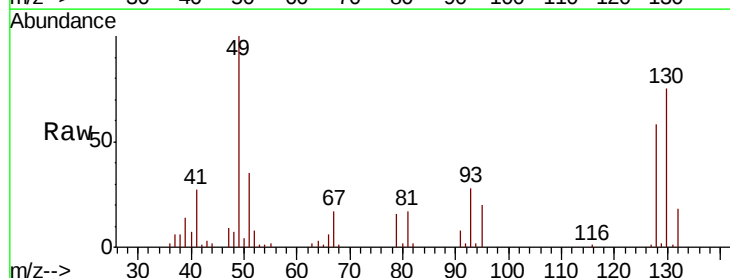
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



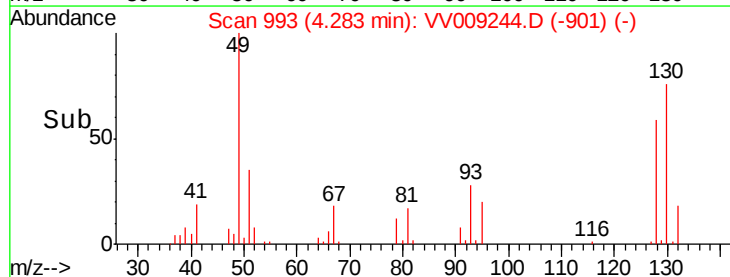
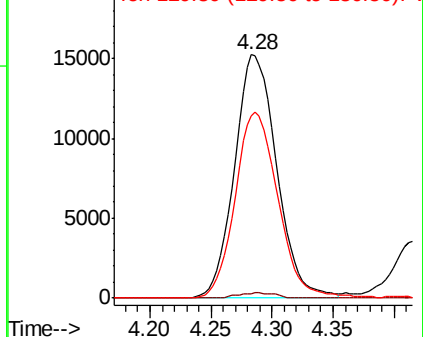
#28

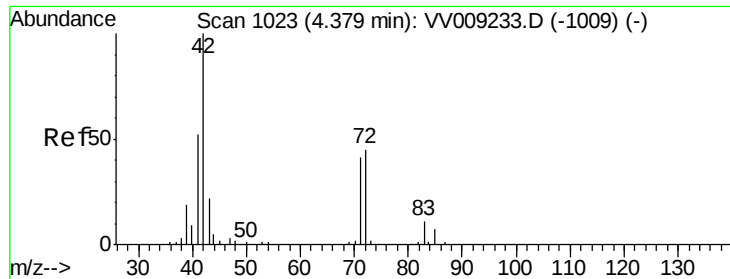
Bromochloromethane
Concen: 48.483 ug/l
RT: 4.28 min Scan# 993
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Resp	Ratio	Lower	Upper
49	36562	100		
129	1.8		0.0	3.6
130	77.5		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: 264.553 ug/l

RT: 4.38 min Scan# 1023

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

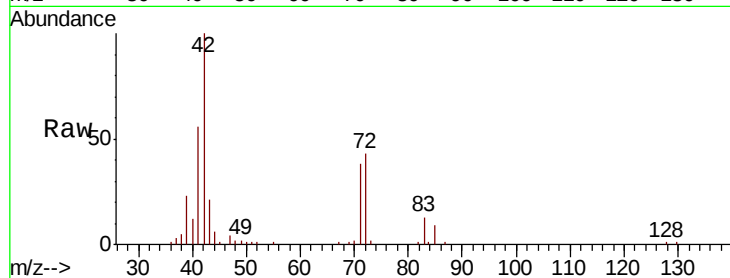
Tgt Ion: 42 Resp: 46004

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

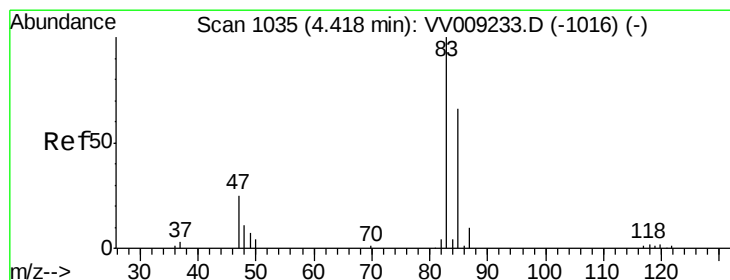
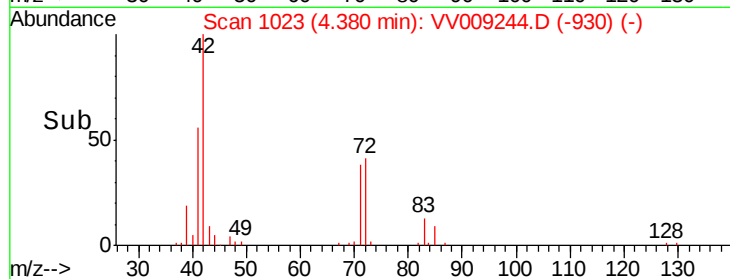
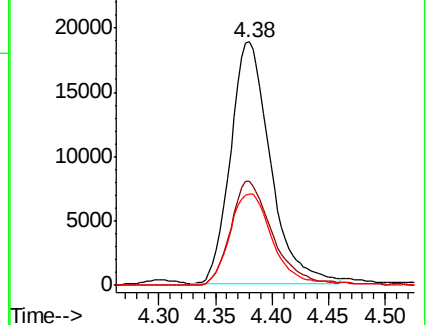
71 40.7 31.5 47.3



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

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

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



#30

Chloroform

Concen: 51.002 ug/l

RT: 4.42 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VV009244.D

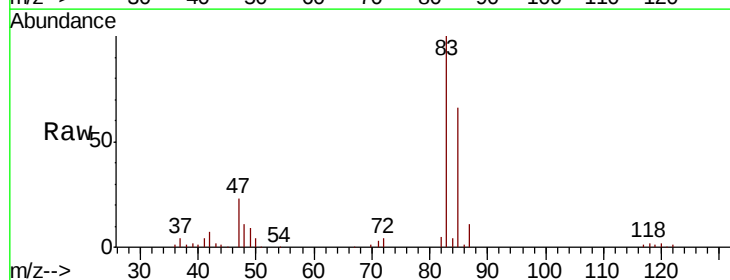
Acq: 23 Jan 2019 11:58

Tgt Ion: 83 Resp: 104677

Ion Ratio Lower Upper

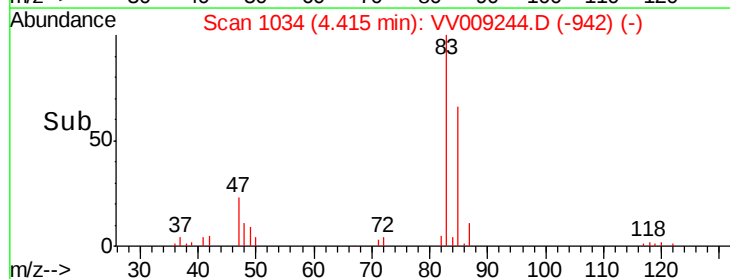
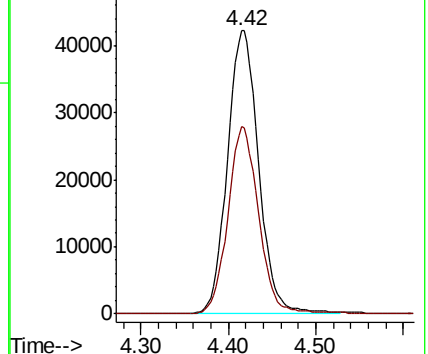
83 100

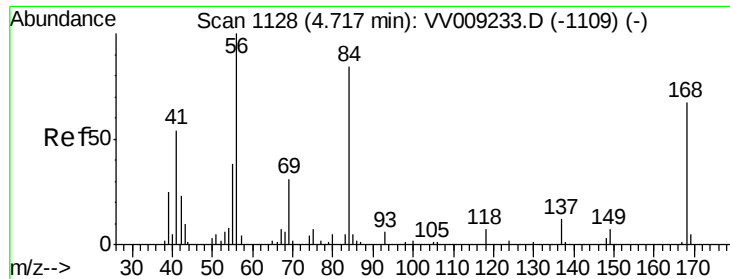
85 66.0 52.6 79.0



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

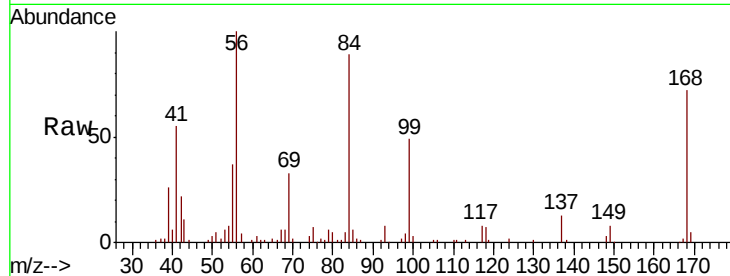
Ion 84.90 (84.60 to 85.60): VV009233.D (-1016) (-)



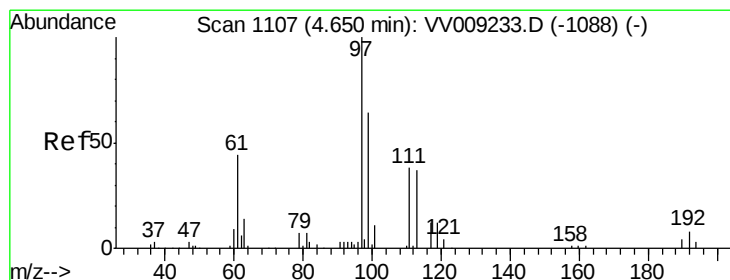
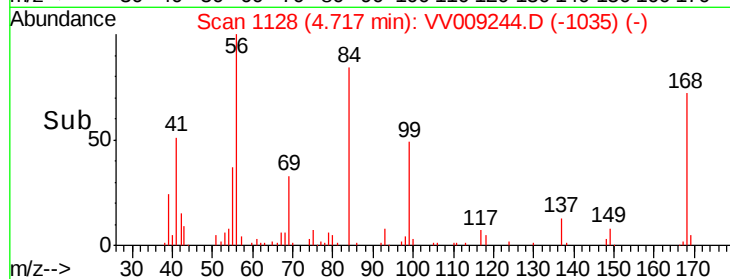
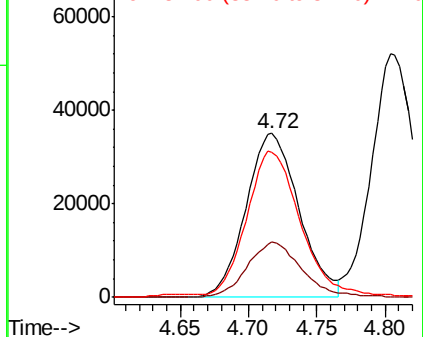


#31
Cyclohexane
Concen: 50.745 ug/l
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 56 Resp: 94667
Ion Ratio Lower Upper
56 100
69 33.5 25.1 37.7
84 87.1 67.3 100.9

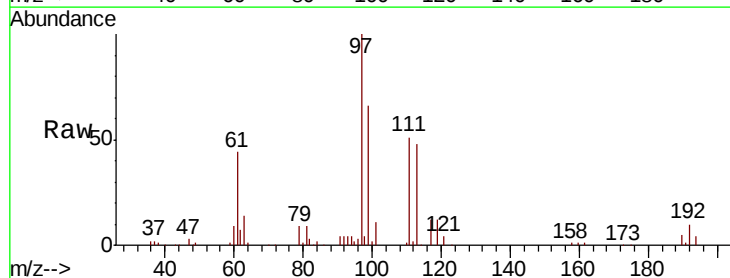


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

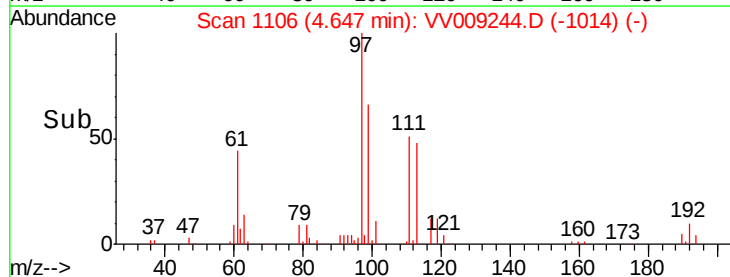
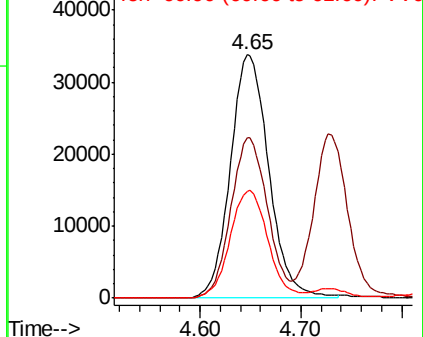


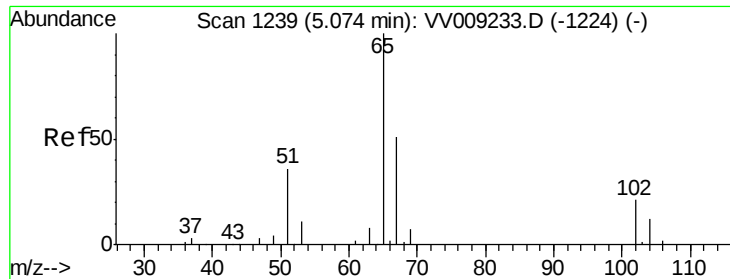
#32
1,1,1-Trichloroethane
Concen: 51.651 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 97 Resp: 89349
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.2
61 43.7 34.7 52.1



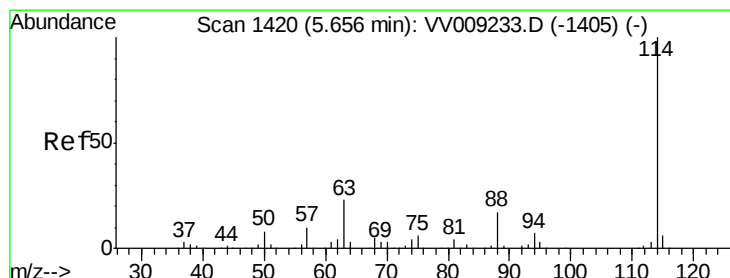
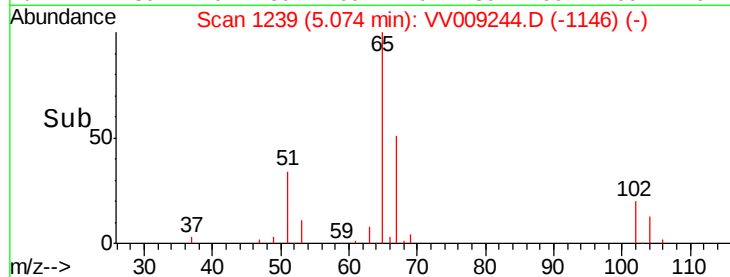
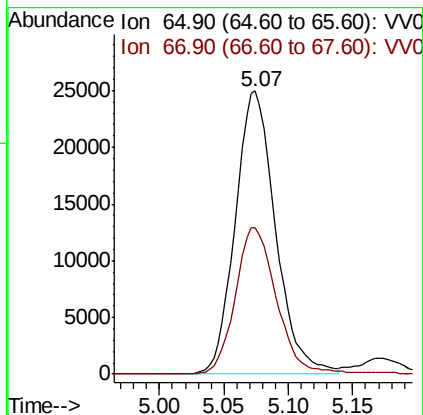
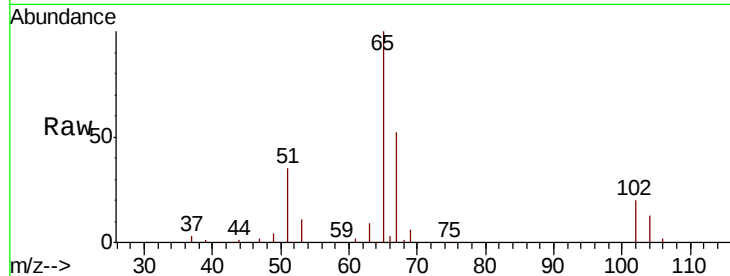
Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0





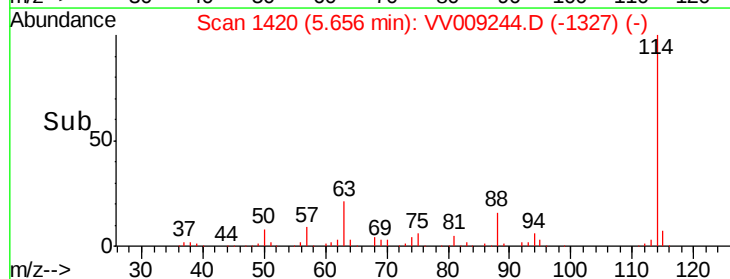
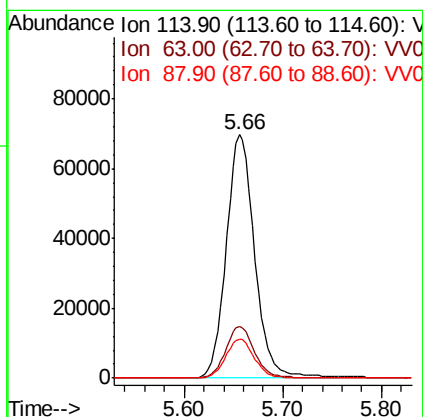
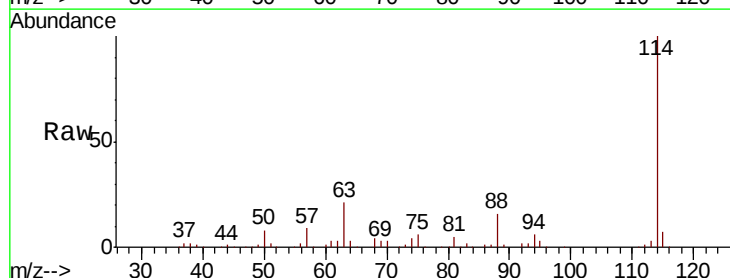
#33
 1,2-Dichloroethane-d4
 Concen: 52.728 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

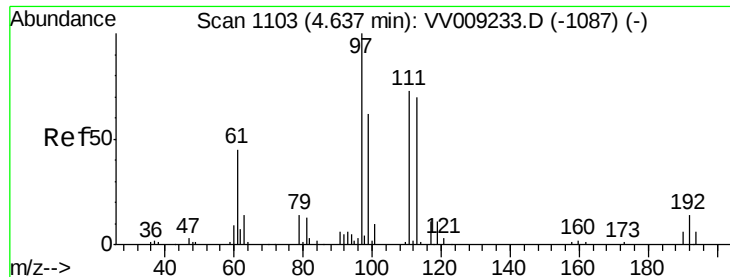
Tgt Ion: 65 Resp: 54336
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

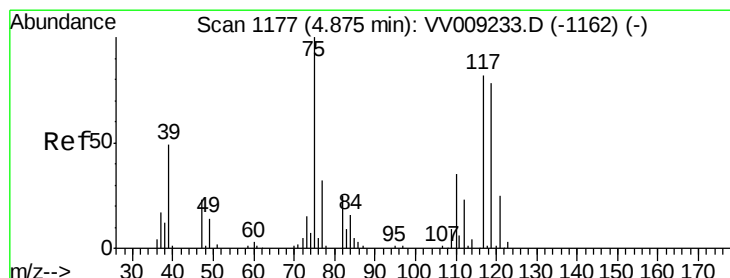
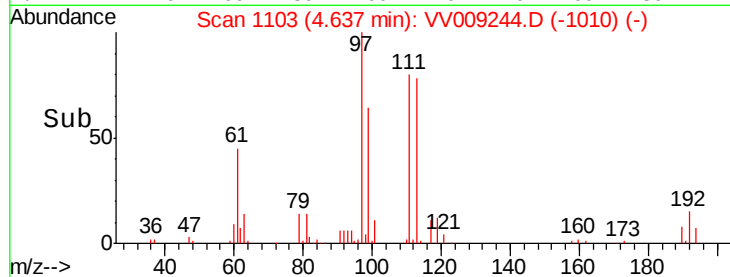
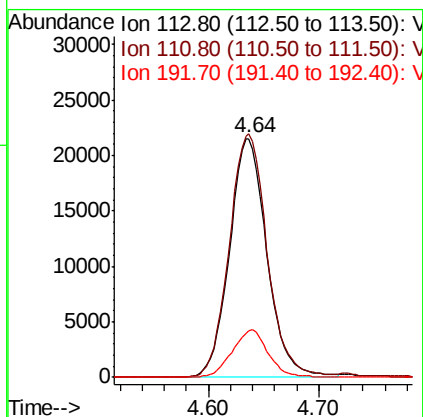
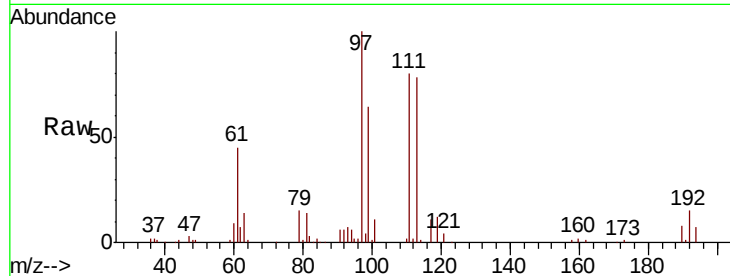
Tgt Ion: 114 Resp: 140329
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.2
 88 15.9 0.0 33.4





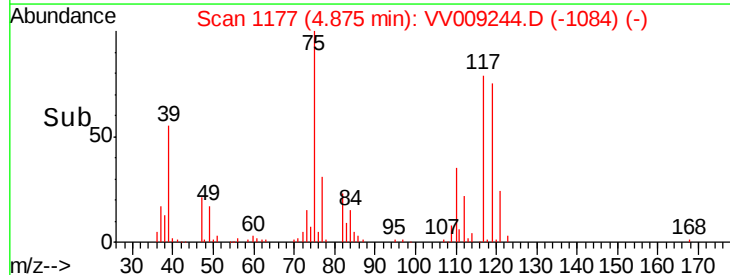
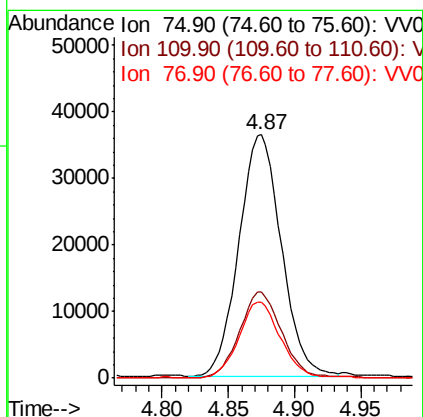
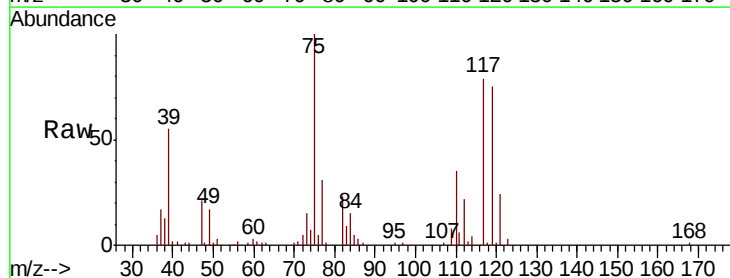
#35
 Dibromofluoromethane
 Concen: 55.395 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

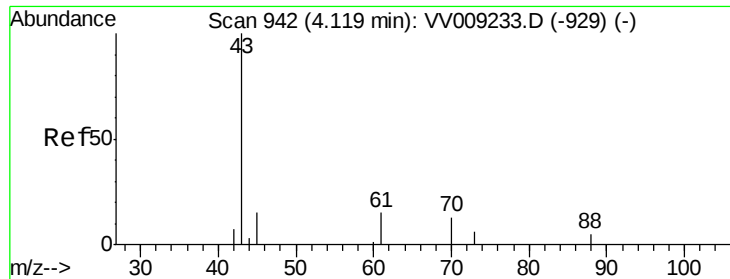
Tgt Ion: 113 Resp: 50584
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 19.1 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 51.610 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 75 Resp: 80410
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.5 52.5
 77 30.2 25.5 38.3





#37

Ethyl Acetate

Concen: 54.966 ug/l

RT: 4.12 min Scan# 941

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

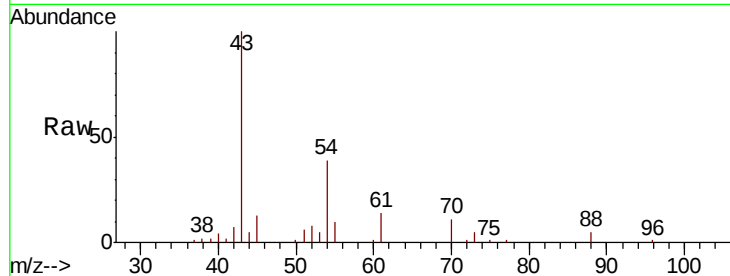
Tgt Ion: 43 Resp: 32912

Ion Ratio Lower Upper

43 100

61 13.8 12.0 18.0

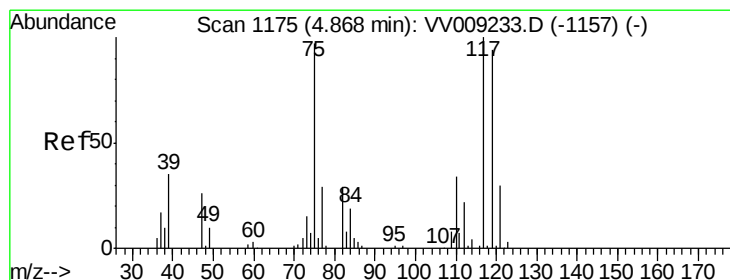
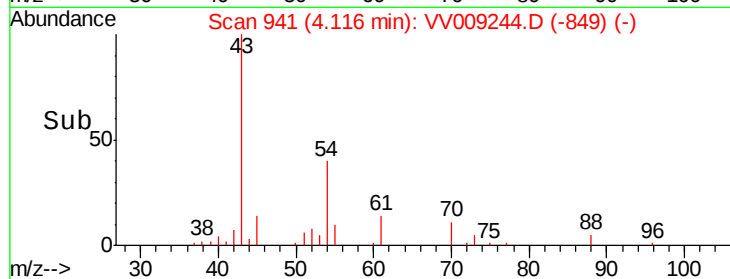
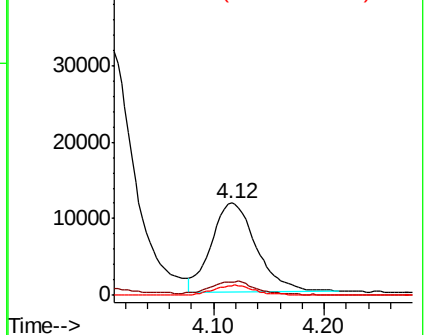
70 10.1 8.7 13.1



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

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

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



#38

Carbon Tetrachloride

Concen: 52.795 ug/l

RT: 4.87 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

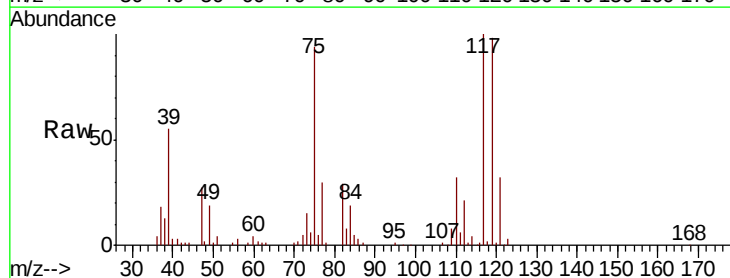
Tgt Ion: 117 Resp: 82349

Ion Ratio Lower Upper

117 100

119 97.7 75.4 113.2

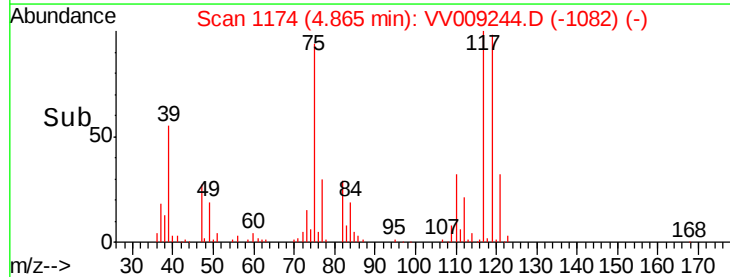
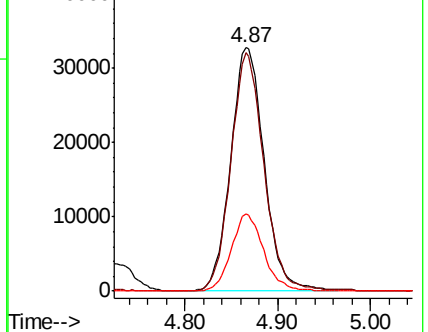
121 31.8 24.2 36.2

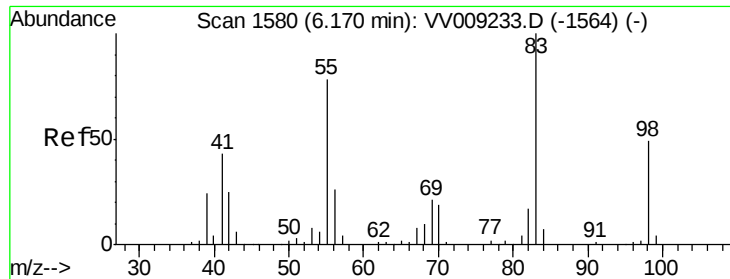


Abundance Ion 116.80 (116.50 to 117.50): VV009233.D (-1157) (-)

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

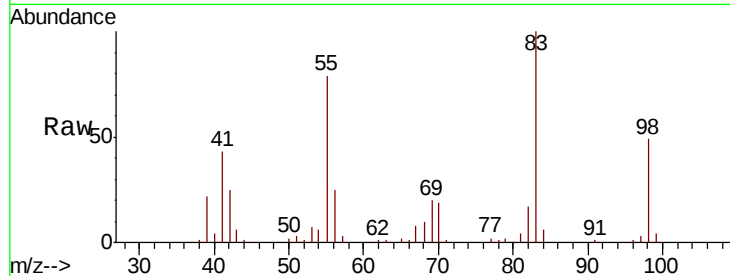
Ion 120.80 (120.50 to 121.50): VV009233.D (-1157) (-)



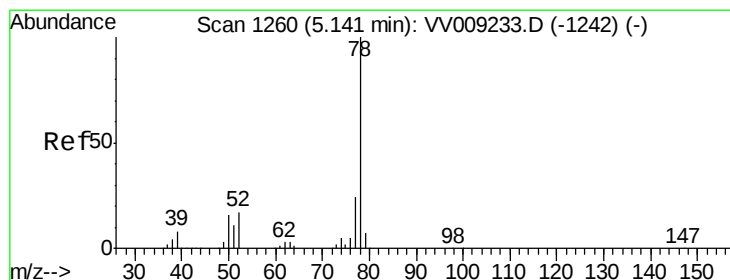
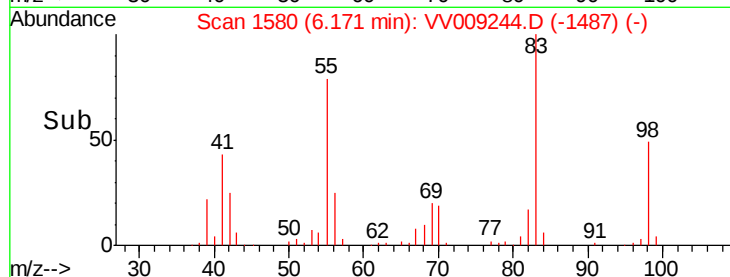
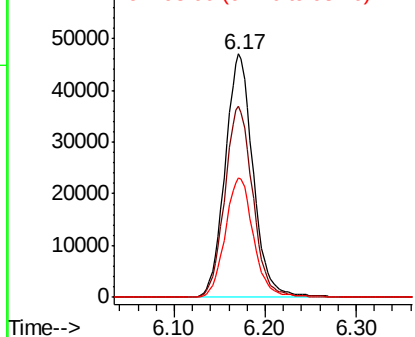


#39
Methylcyclohexane
Concen: 54.440 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 83 Resp: 100442
Ion Ratio Lower Upper
83 100
55 78.6 62.8 94.2
98 49.0 39.1 58.7

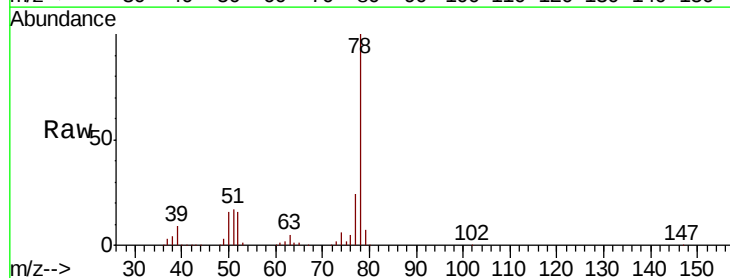


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

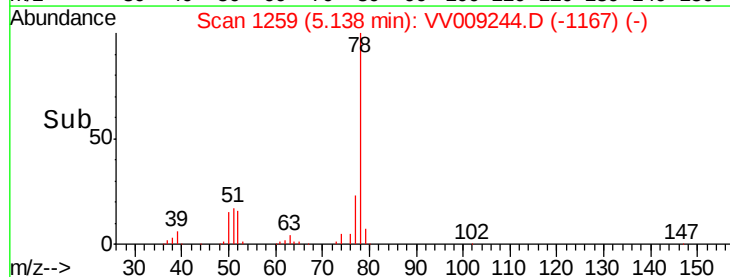
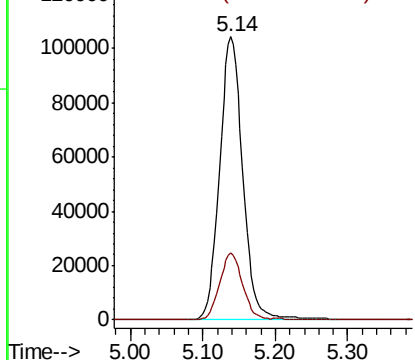


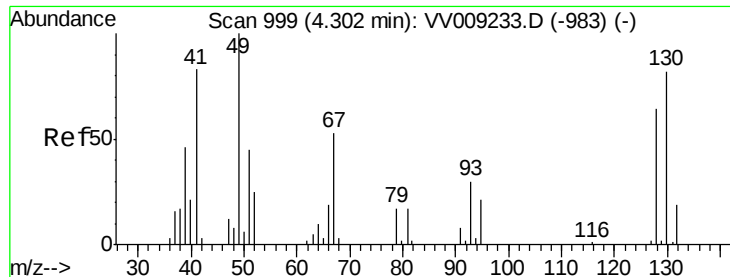
#40
Benzene
Concen: 52.985 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 78 Resp: 230887
Ion Ratio Lower Upper
78 100
77 23.7 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: 52.684 ug/l

RT: 4.30 min Scan# 998

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 41 Resp: 19012

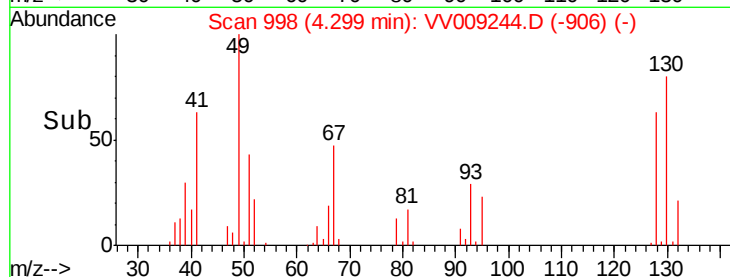
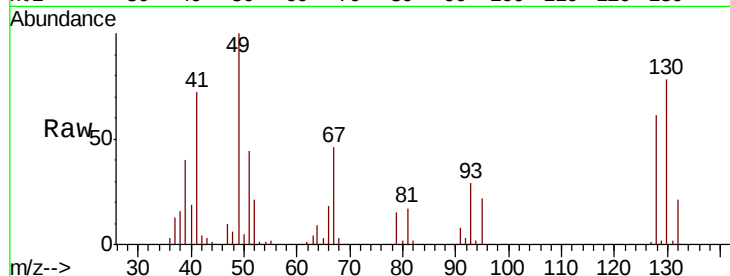
Ion Ratio Lower Upper

41 100

39 54.5 45.4 68.0

67 71.7 55.5 83.3

52 31.4 25.2 37.8

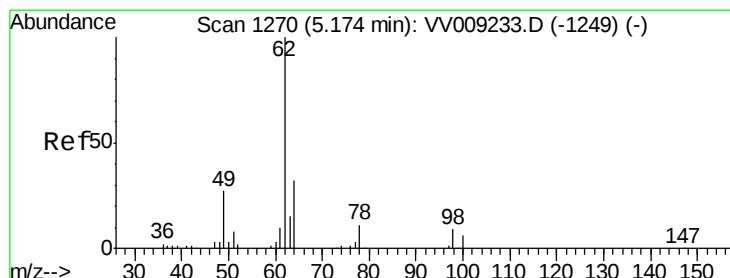
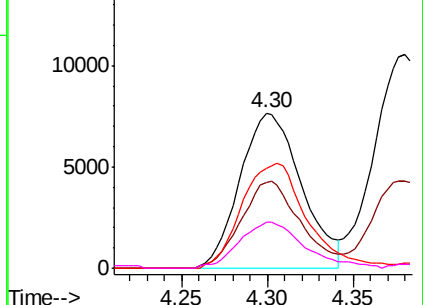


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 67.00 (66.70 to 67.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#42

1,2-Dichloroethane

Concen: 49.455 ug/l

RT: 5.17 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VV009244.D

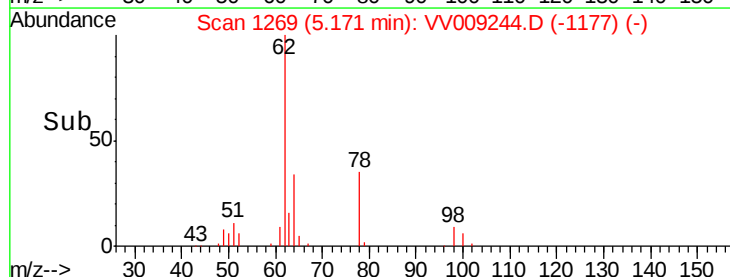
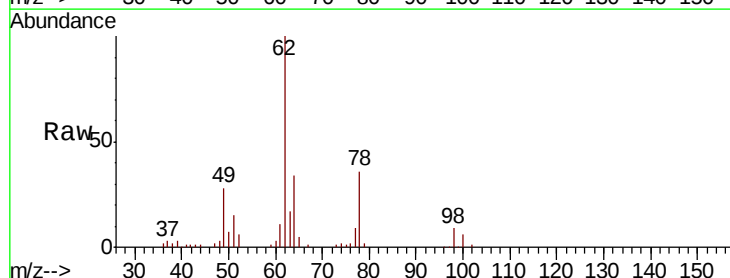
Acq: 23 Jan 2019 11:58

Tgt Ion: 62 Resp: 67448

Ion Ratio Lower Upper

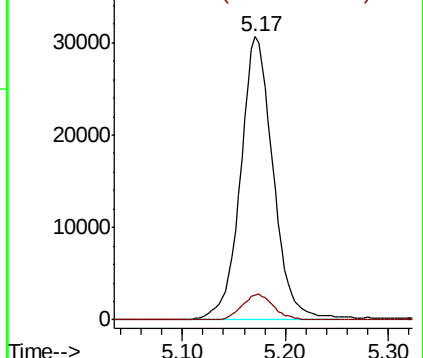
62 100

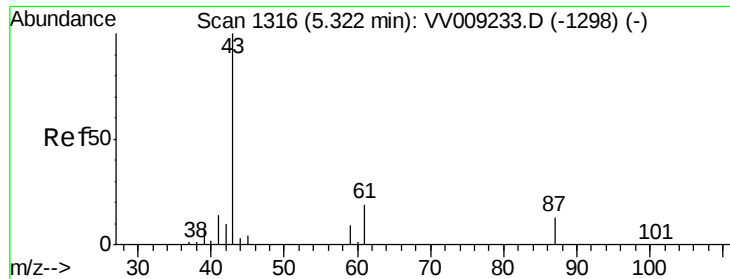
98 8.6 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 53.284 ug/l

RT: 5.32 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

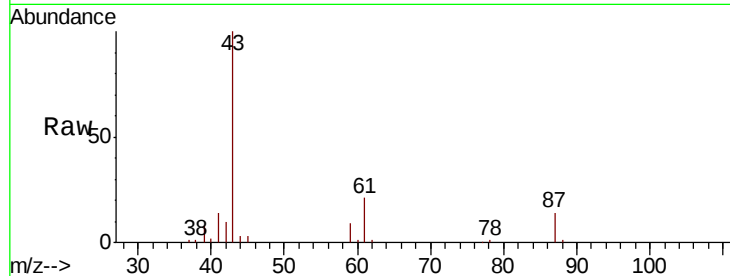
Tgt Ion: 43 Resp: 62757

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

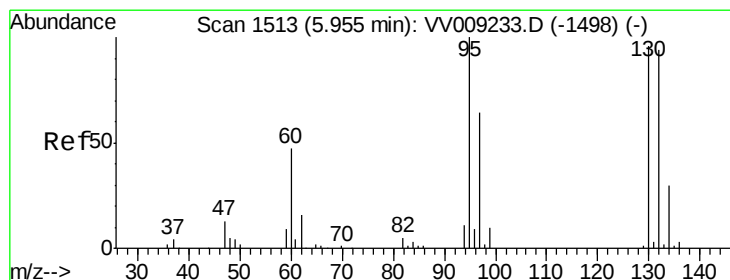
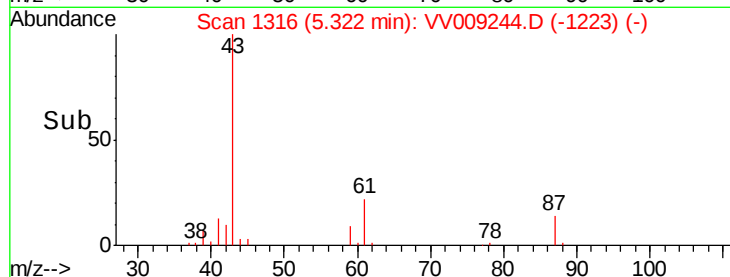
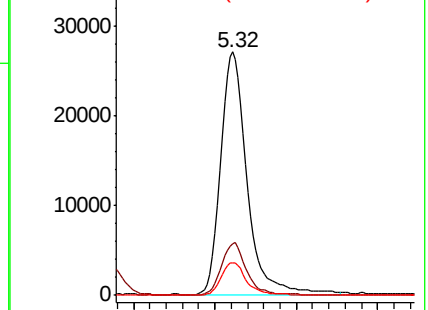
87 13.0 9.9 14.9



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: 52.999 ug/l

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV009244.D

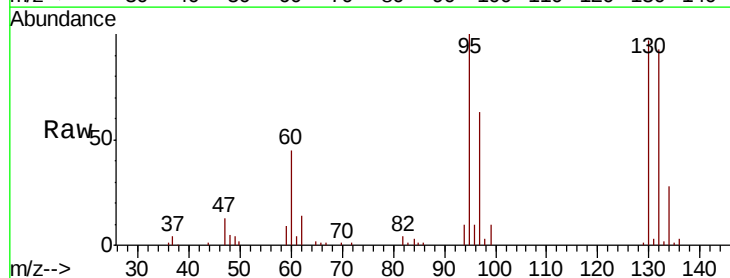
Acq: 23 Jan 2019 11:58

Tgt Ion: 130 Resp: 60774

Ion Ratio Lower Upper

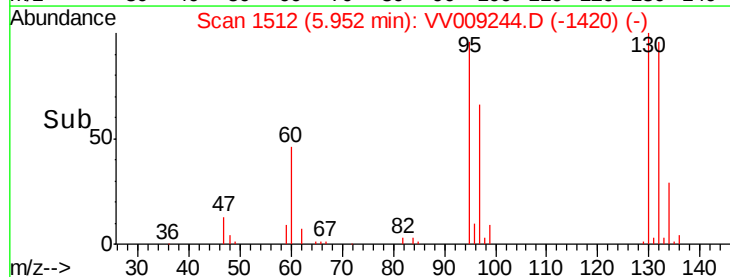
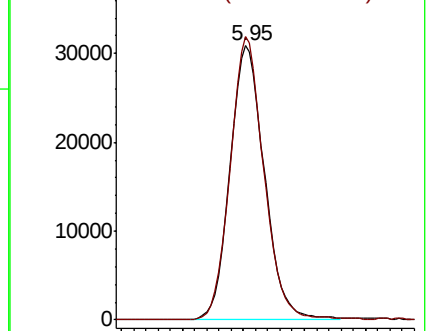
130 100

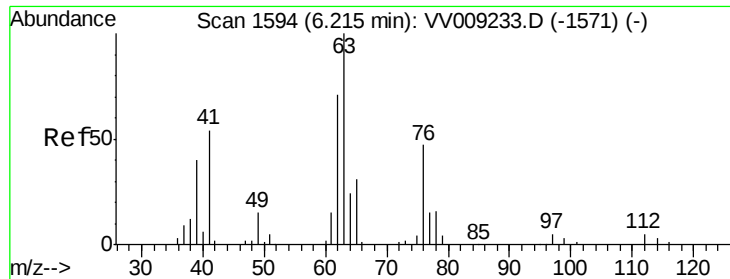
95 103.3 0.0 208.2



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: 52.332 ug/l

RT: 6.22 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VV009244.D

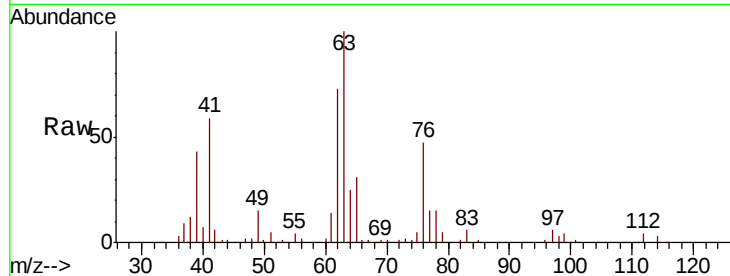
Acq: 23 Jan 2019 11:58

Tgt Ion: 63 Resp: 54853

Ion Ratio Lower Upper

63 100

65 30.5 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

30000

25000

20000

15000

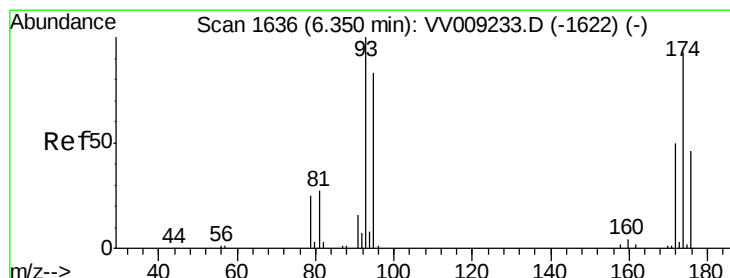
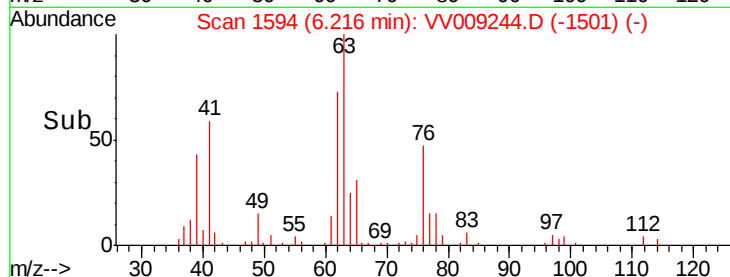
10000

5000

0

6.10 6.20 6.30

Time-->



#46

Dibromomethane

Concen: 53.699 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

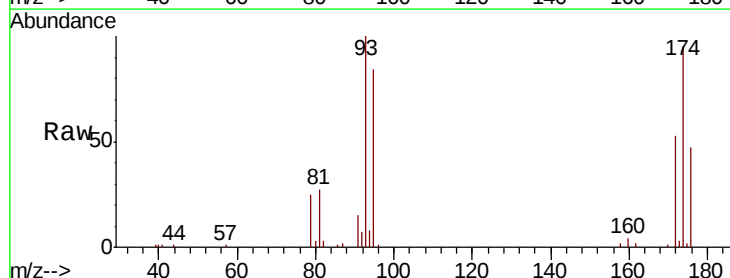
Tgt Ion: 93 Resp: 28882

Ion Ratio Lower Upper

93 100

95 82.1 64.6 97.0

174 93.5 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

20000

15000

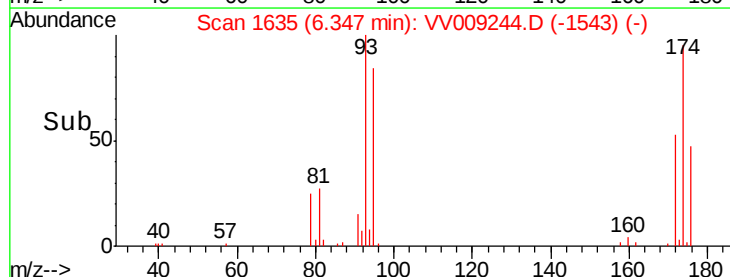
10000

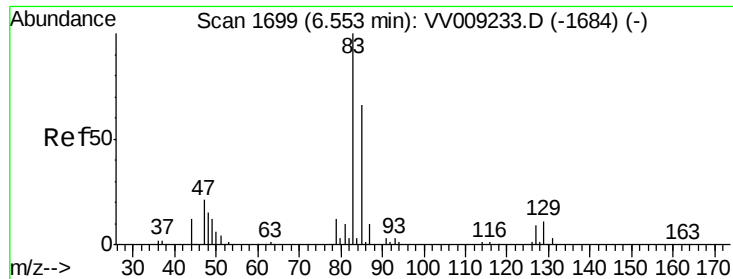
5000

0

6.25 6.30 6.35 6.40 6.45

Time-->





#47

Bromodichloromethane

Concen: 52.873 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

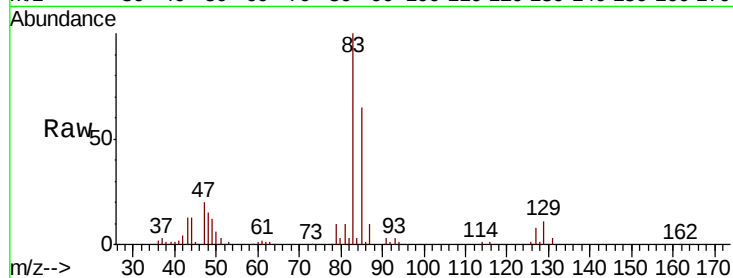
Tgt Ion: 83 Resp: 75146

Ion Ratio Lower Upper

83 100

85 64.6 52.6 78.8

127 8.4 7.0 10.6



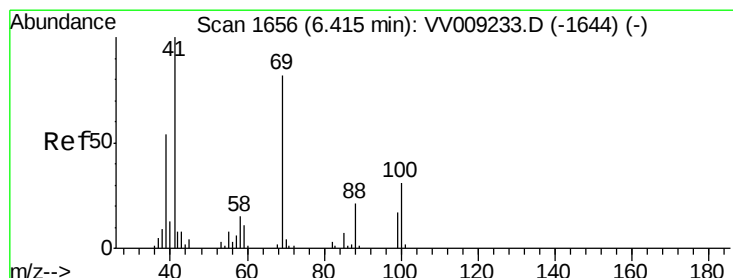
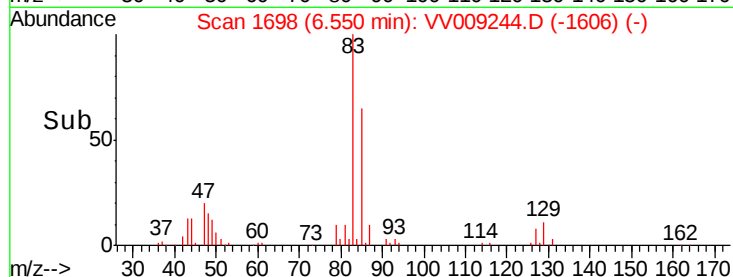
Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1684) (-)

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

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

6.55

Time-->



#48

Methyl methacrylate

Concen: 52.587 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

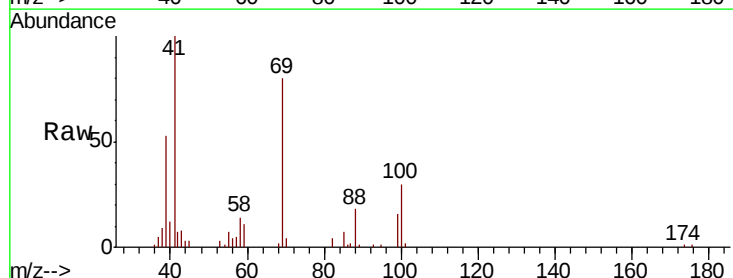
Tgt Ion: 41 Resp: 31605

Ion Ratio Lower Upper

41 100

69 84.7 65.8 98.6

39 56.0 43.4 65.0



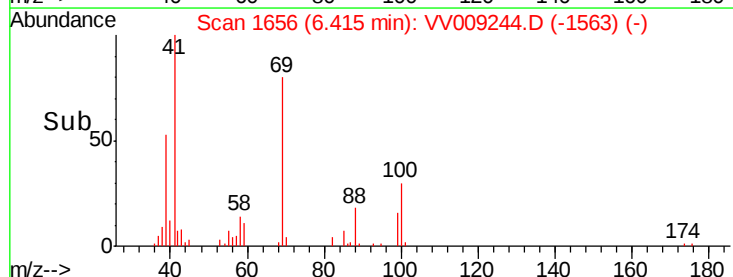
Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-1644) (-)

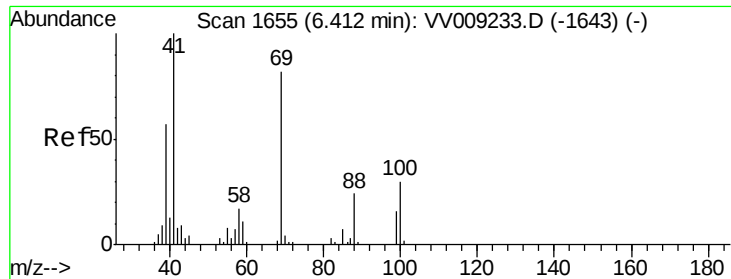
Ion 69.00 (68.70 to 69.70): VV009233.D (-1644) (-)

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

6.41

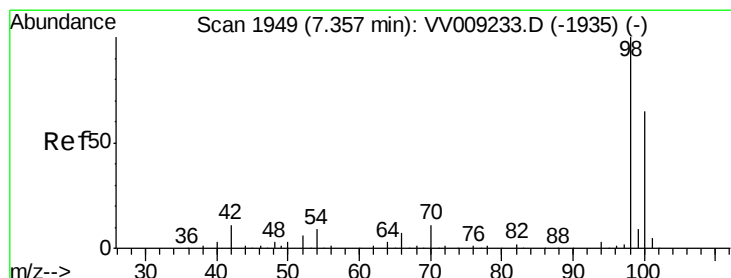
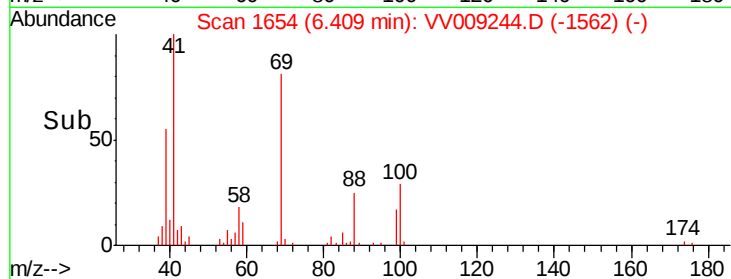
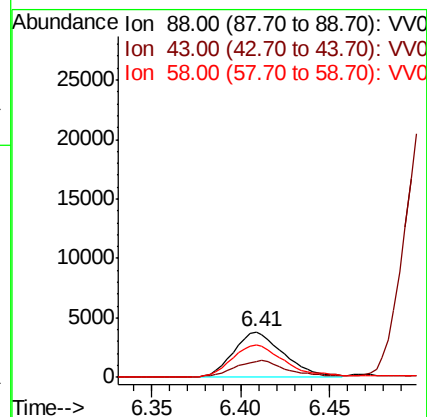
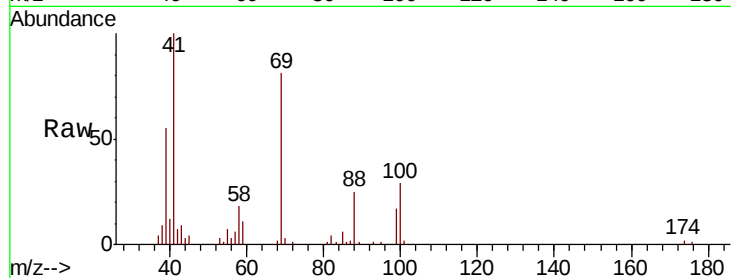
Time-->





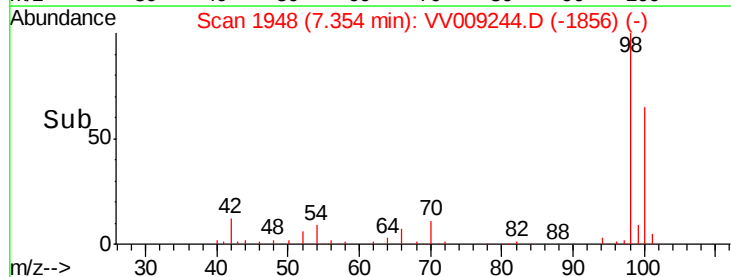
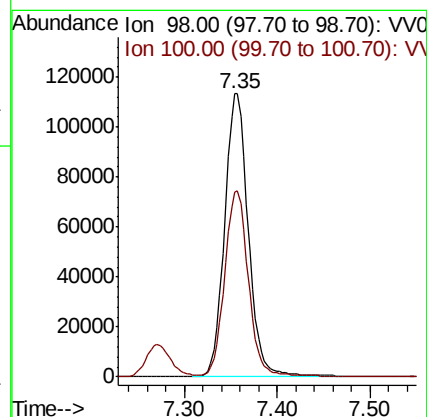
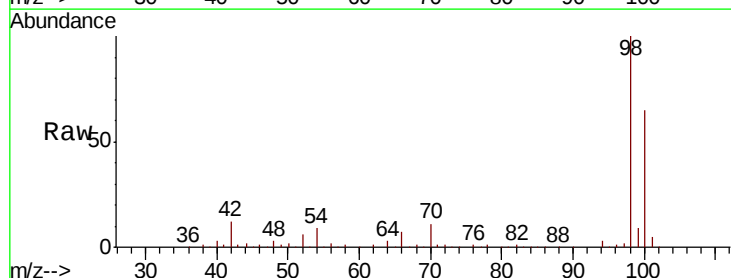
#49
1,4-Dioxane
Concen: 1090.173 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

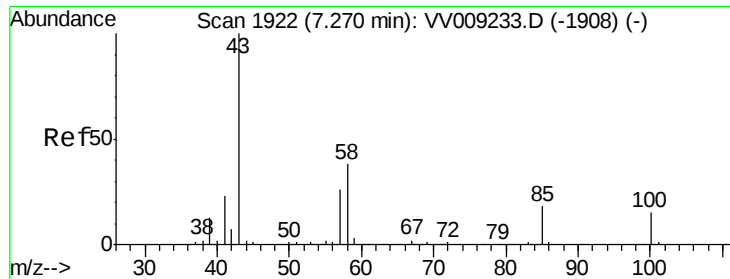
Tgt Ion: 88 Resp: 7469
Ion Ratio Lower Upper
88 100
43 38.3 31.9 47.9
58 74.6 62.0 93.0



#50
Toluene-d8
Concen: 56.644 ug/l
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 98 Resp: 201312
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 263.030 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV009244.D

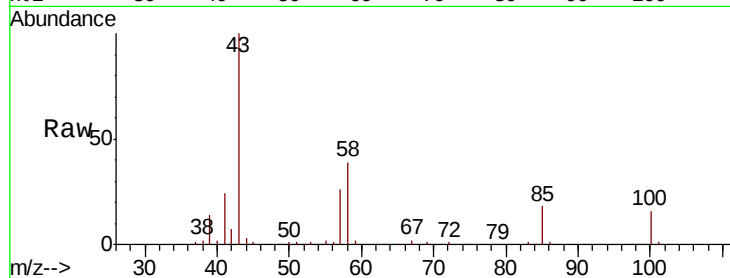
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 157220

Ion Ratio Lower Upper

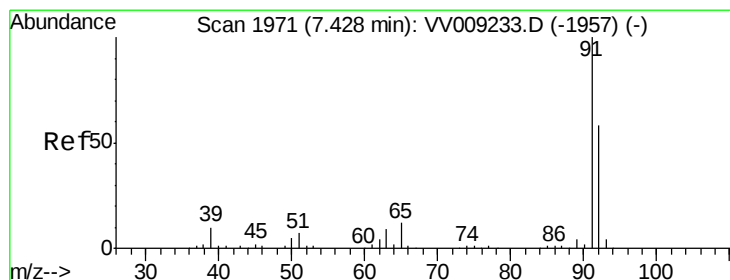
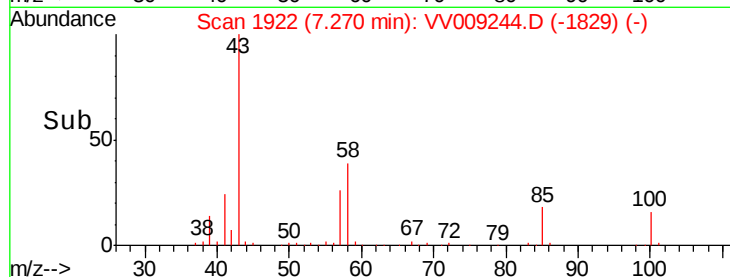
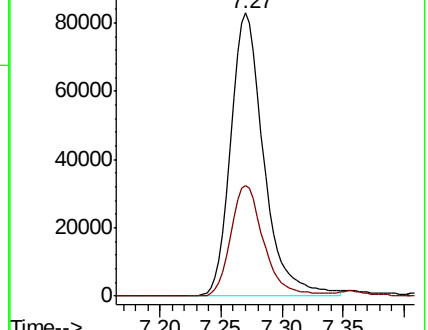
43 100

58 38.9 30.4 45.6



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

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



#52

Toluene

Concen: 52.735 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009244.D

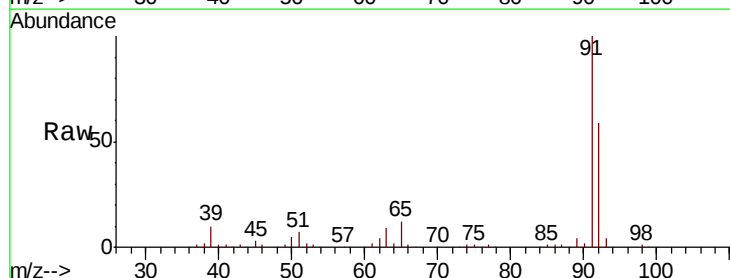
Acq: 23 Jan 2019 11:58

Tgt Ion: 92 Resp: 145366

Ion Ratio Lower Upper

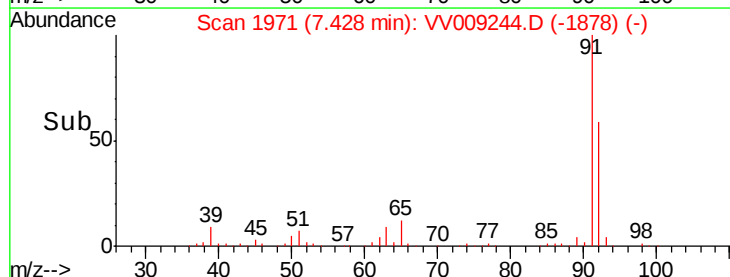
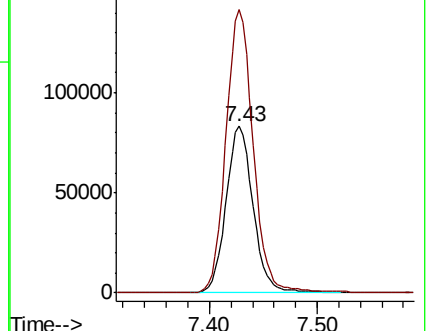
92 100

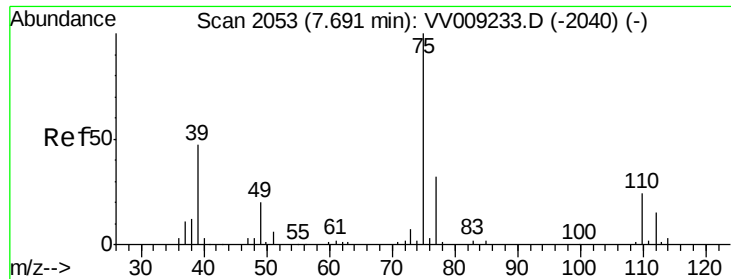
91 171.3 137.2 205.8



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

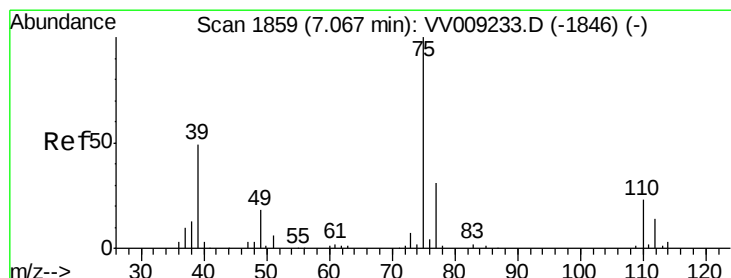
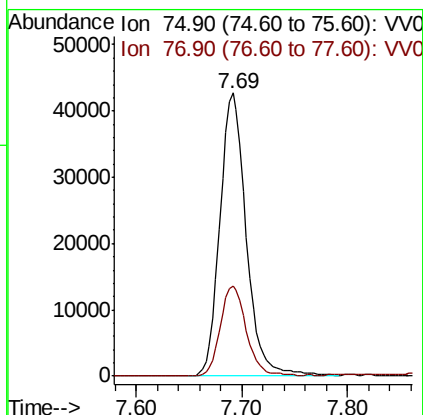
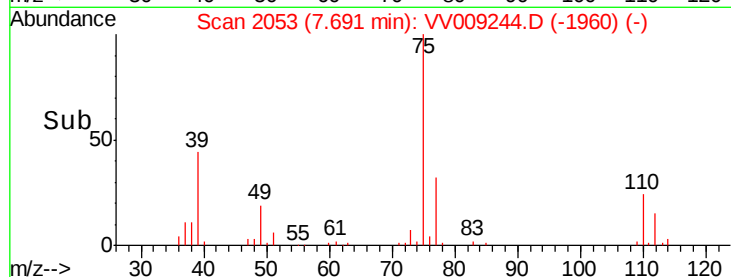
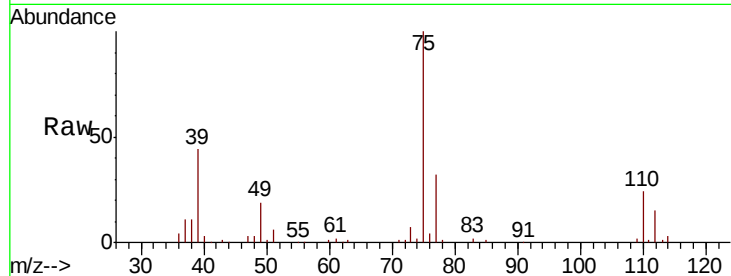
Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)





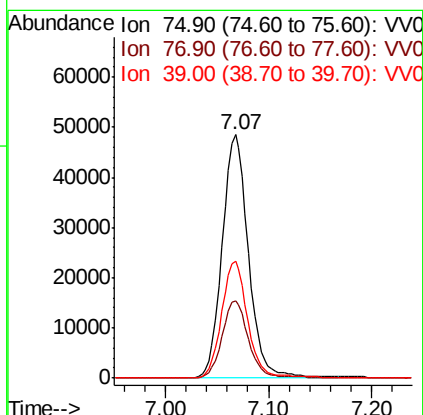
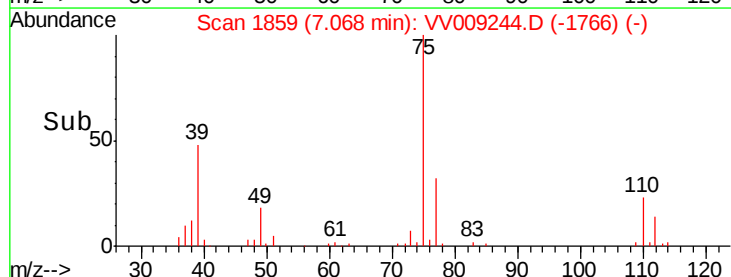
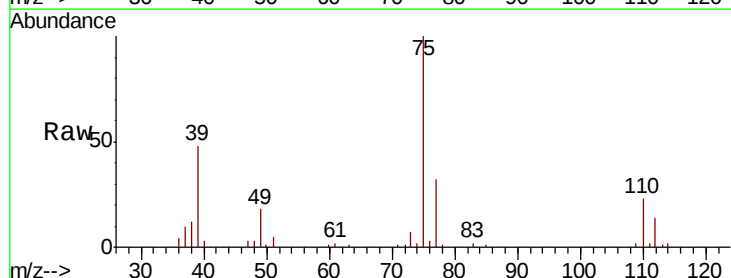
#53
 t-1,3-Dichloropropene
 Concen: 53.467 ug/l
 RT: 7.69 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

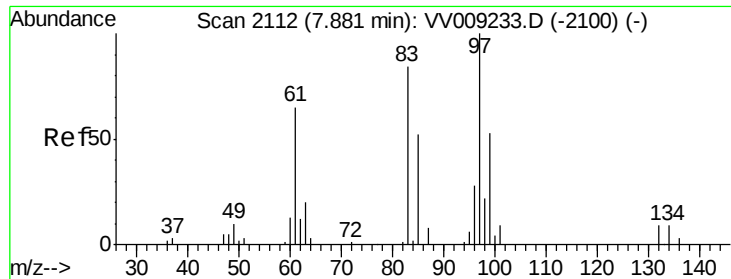
Tgt Ion: 75 Resp: 73960
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.087 ug/l
 RT: 7.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

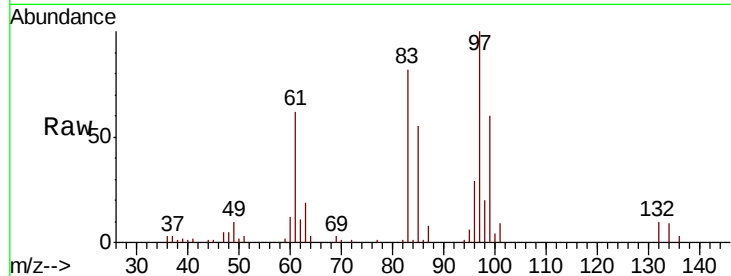
Tgt Ion: 75 Resp: 86151
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 48.3 38.8 58.2



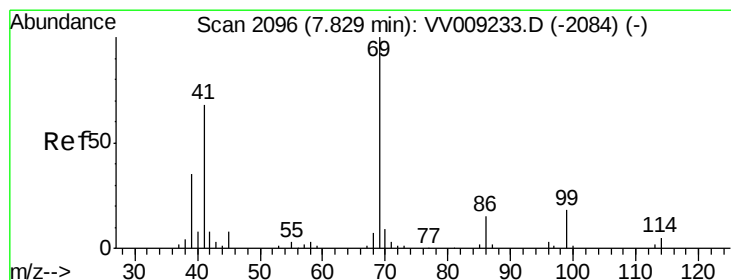
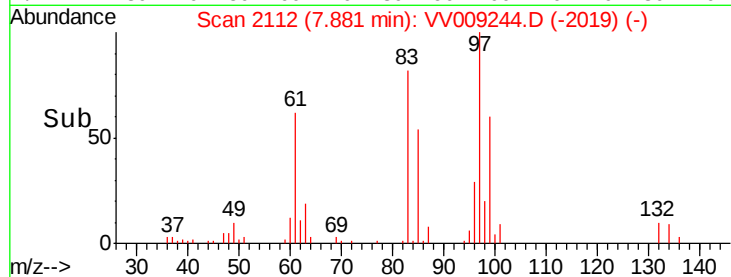
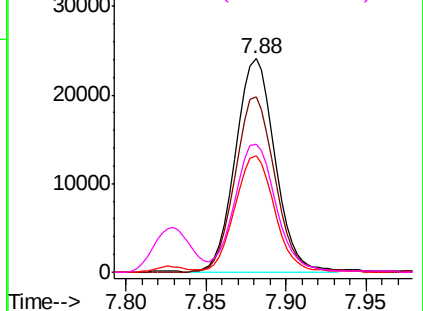


#55
 1,1,2-Trichloroethane
 Concen: 53.683 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:	97	Resp:	40681
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.0
85	54.1	42.6	64.0
99	59.4	51.1	76.7

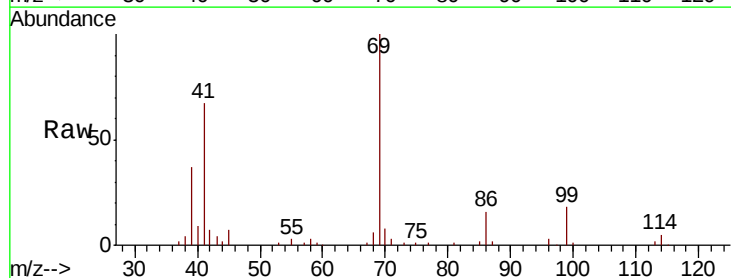


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

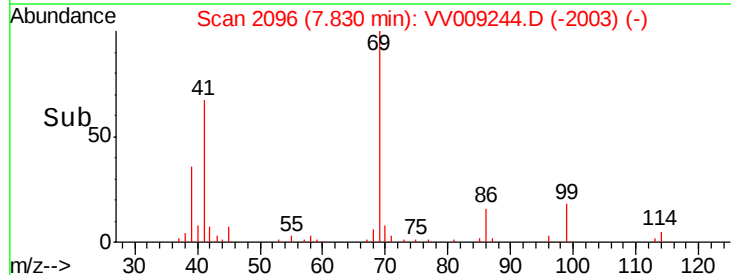
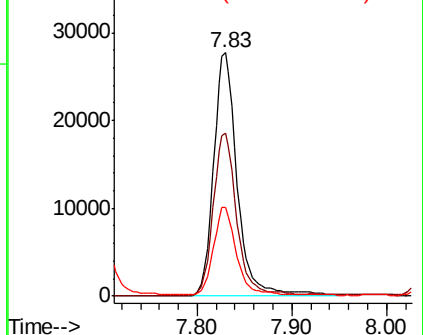


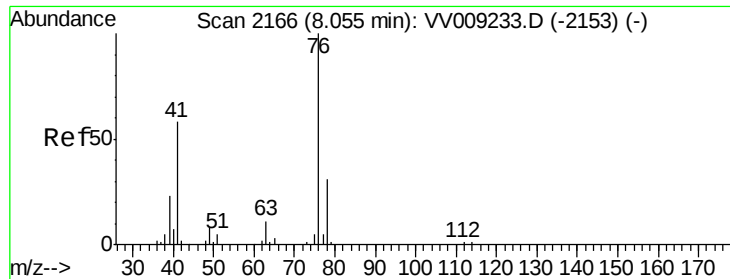
#56
 Ethyl methacrylate
 Concen: 54.513 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:	69	Resp:	48129
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.0	81.0
39	34.3	26.8	40.2



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





#57

1,3-Dichloropropane

Concen: 53.784 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009244.D

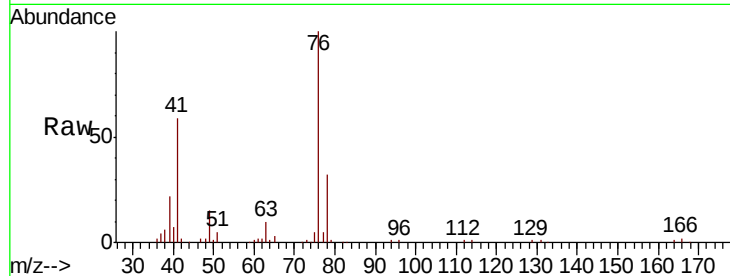
Acq: 23 Jan 2019 11:58

Tgt Ion: 76 Resp: 73794

Ion Ratio Lower Upper

76 100

78 31.4 25.5 38.3



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

Ion 77.90 (77.60 to 78.60): VV009244.D (-2073) (-)

8.05

40000

30000

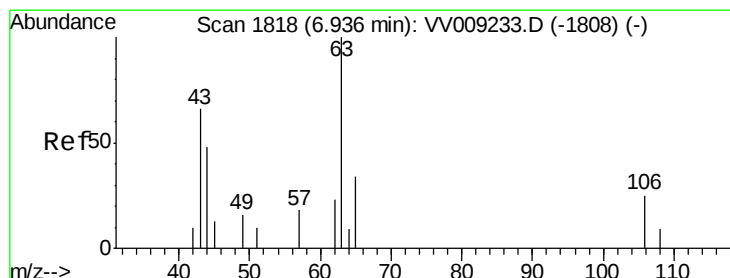
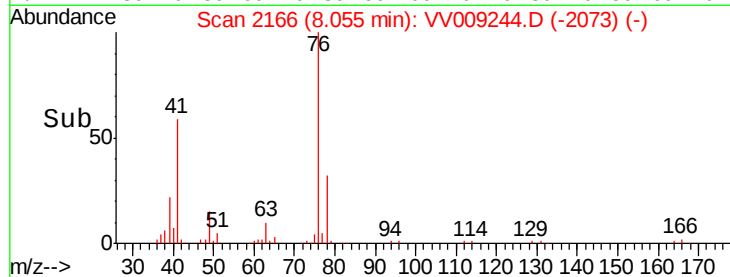
20000

10000

0

8.00 8.10 8.20

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 176.848 ug/l

RT: 6.93 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VV009244.D

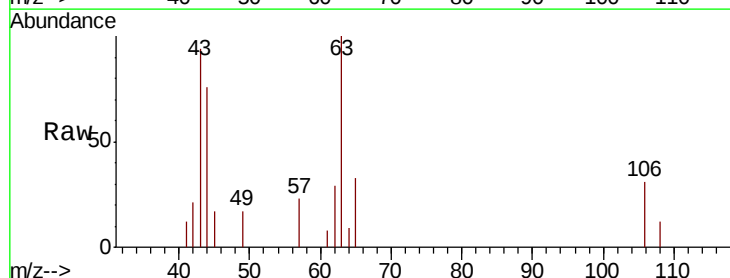
Acq: 23 Jan 2019 11:58

Tgt Ion: 63 Resp: 2440

Ion Ratio Lower Upper

63 100

106 28.1 19.0 28.6



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

Ion 105.90 (105.60 to 106.60): VV009244.D (-1725) (-)

6.93

1500

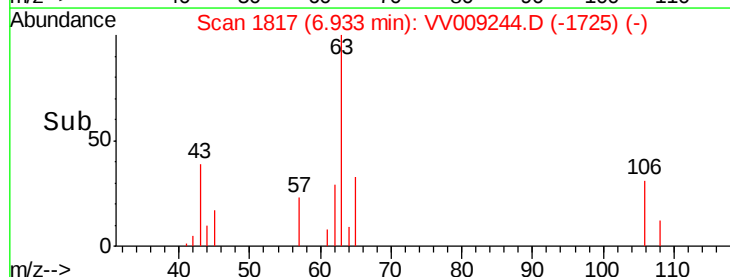
1000

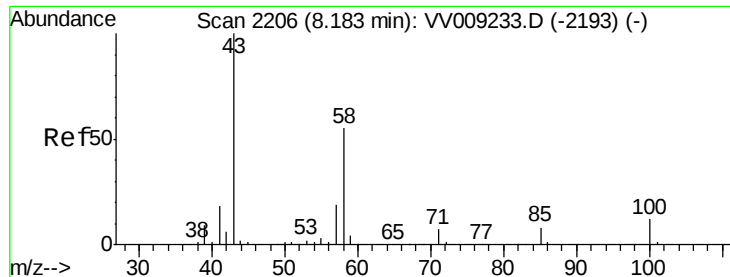
500

0

6.90 6.95

Time-->





#59

2-Hexanone

Concen: 269.718 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009244.D

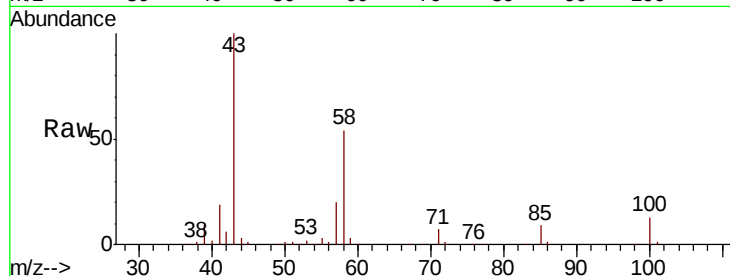
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 116606

Ion Ratio Lower Upper

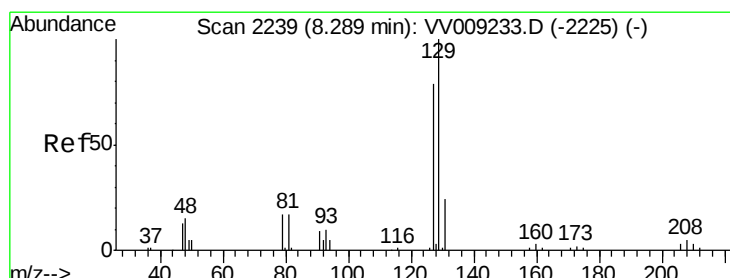
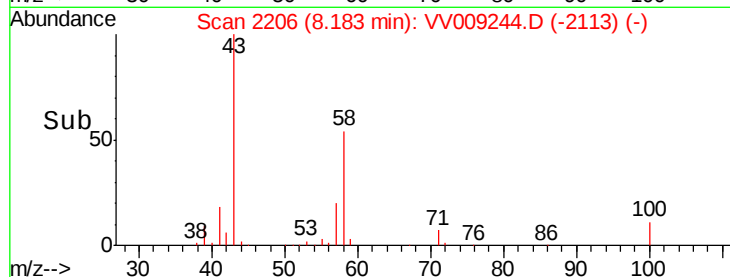
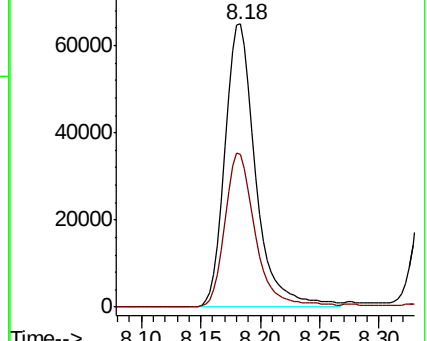
43 100

58 54.0 27.5 82.5



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

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



#60

Dibromochloromethane

Concen: 54.248 ug/l

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VV009244.D

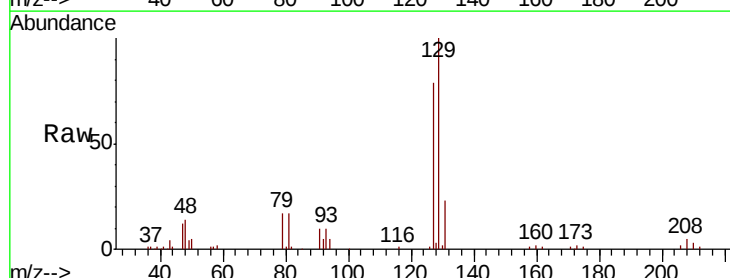
Acq: 23 Jan 2019 11:58

Tgt Ion: 129 Resp: 48133

Ion Ratio Lower Upper

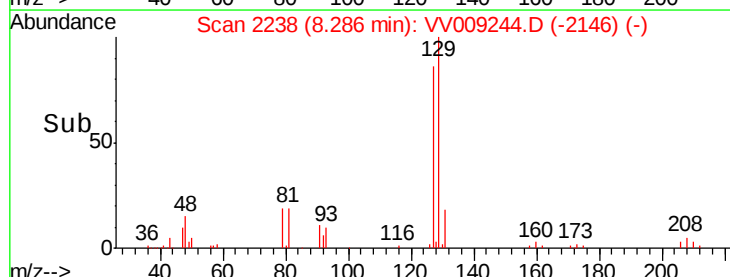
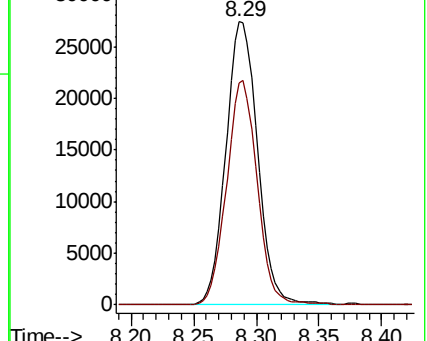
129 100

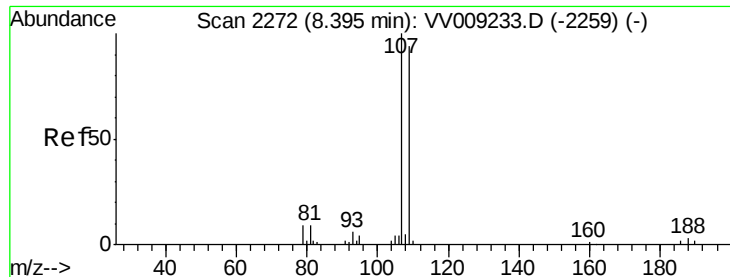
127 76.4 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VV009233.D (-2225) (-)

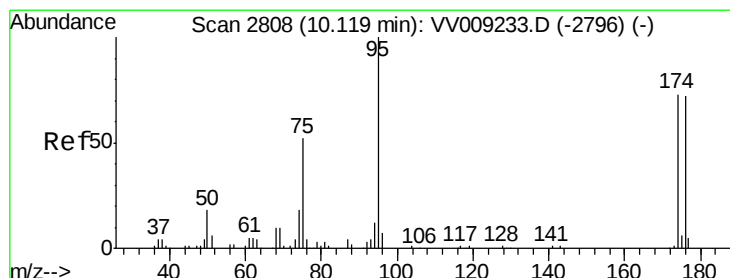
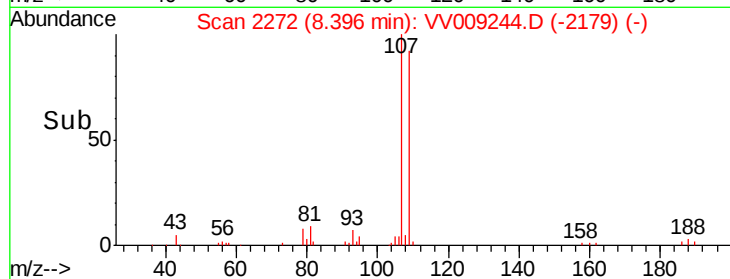
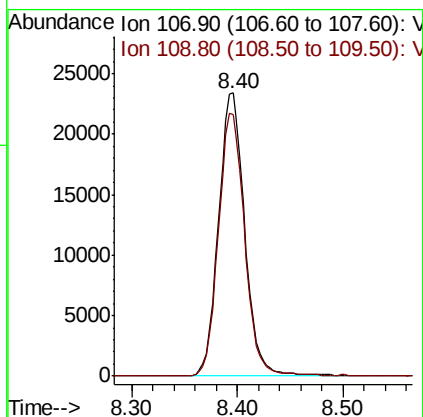
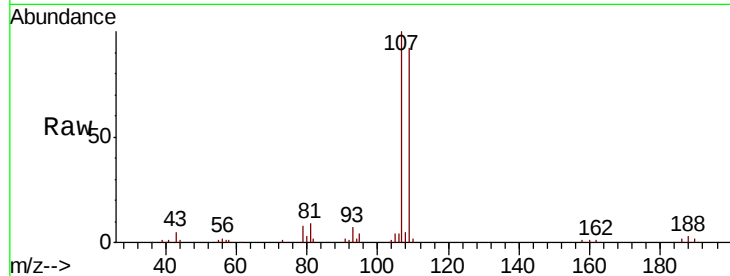
Ion 126.80 (126.50 to 127.50): VV009233.D (-2225) (-)





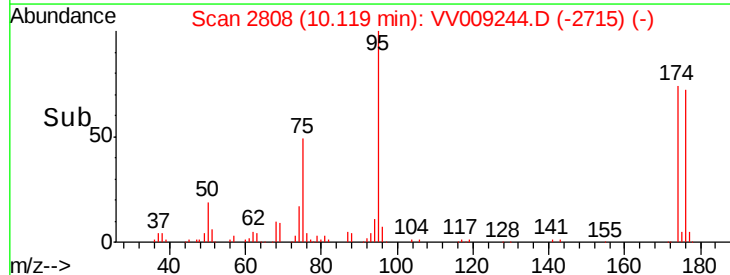
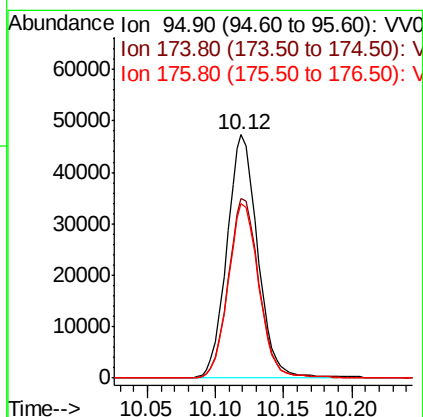
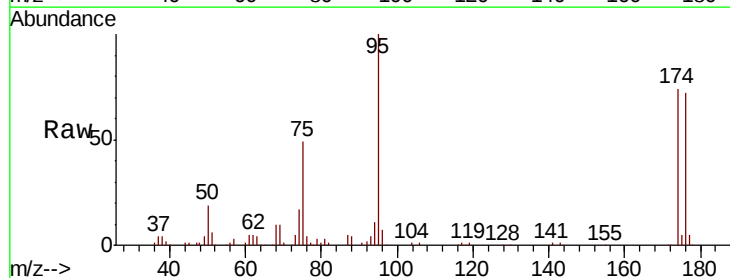
#61
 1,2-Dibromoethane
 Concen: 54.123 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

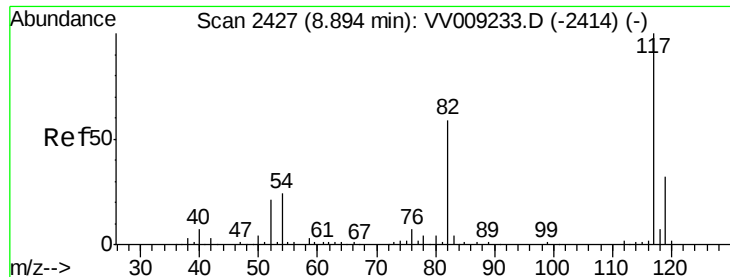
Tgt Ion: 107 Resp: 40109
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 55.357 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

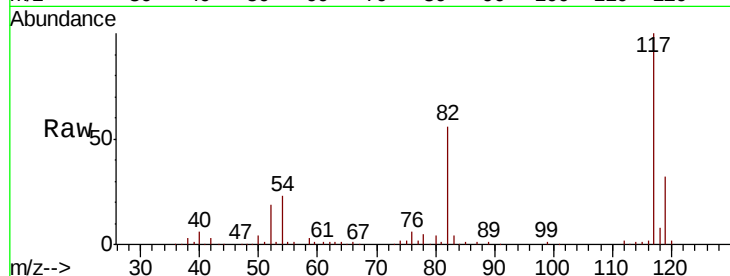
Tgt Ion: 95 Resp: 74133
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 148.2
 176 72.0 0.0 143.0



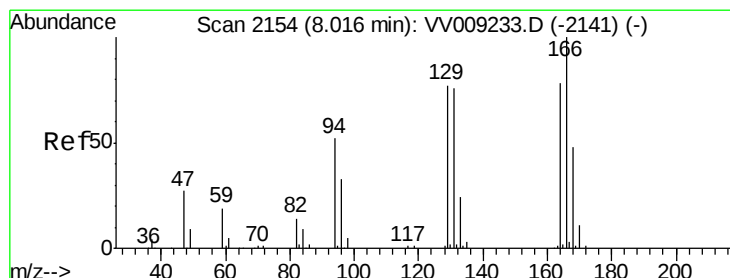
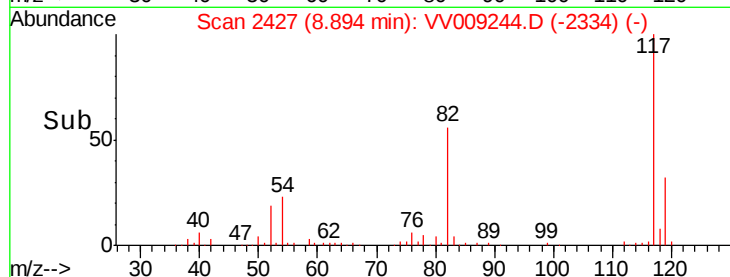
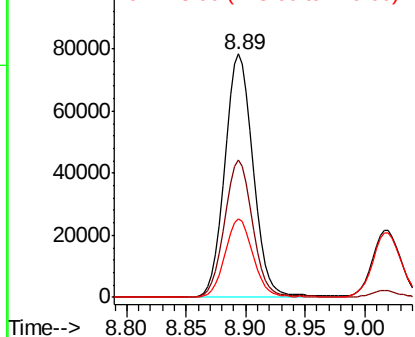


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion:117 Resp: 129475
Ion Ratio Lower Upper
117 100
82 56.4 47.0 70.6
119 32.4 25.4 38.2

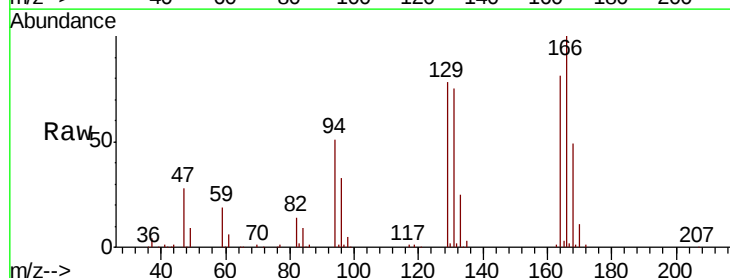


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

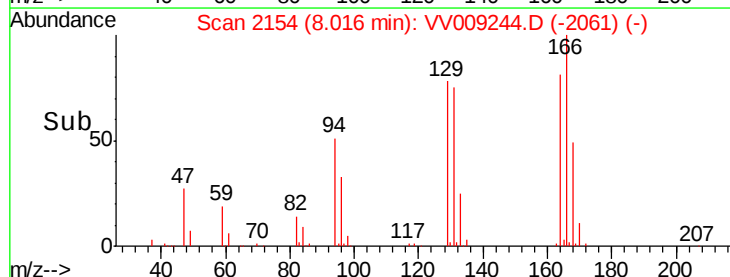
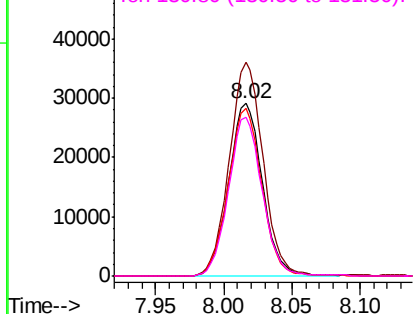


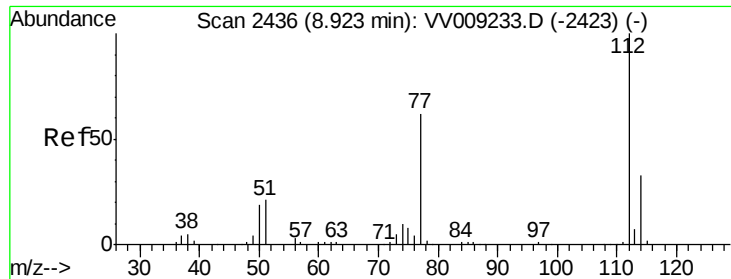
#64
Tetrachloroethene
Concen: 54.377 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion:164 Resp: 50101
Ion Ratio Lower Upper
164 100
166 123.9 102.1 153.1
129 97.0 78.1 117.1
131 92.3 78.0 117.0



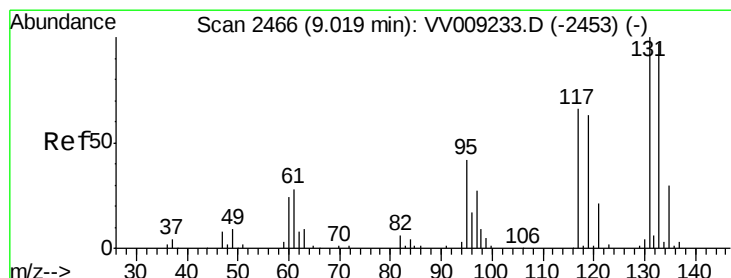
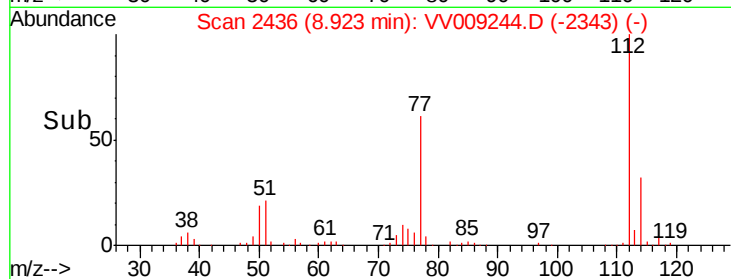
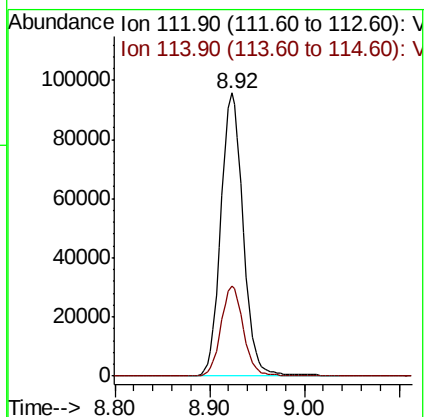
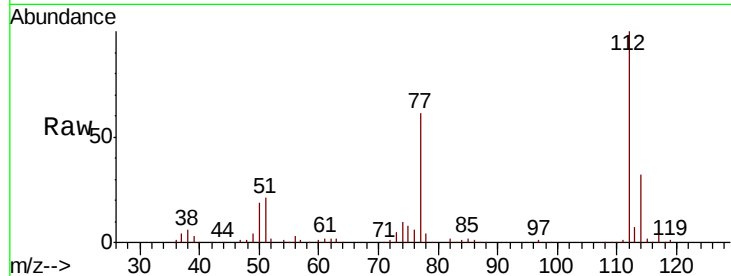
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





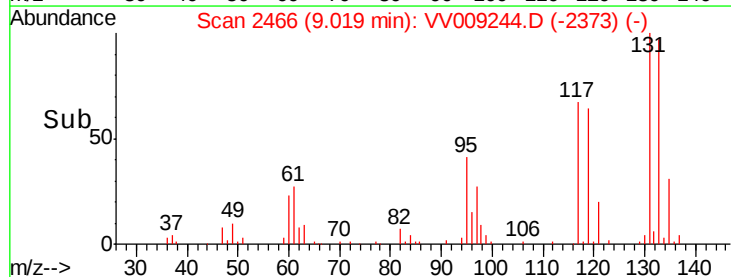
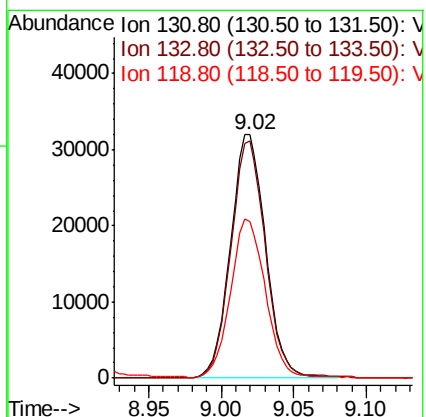
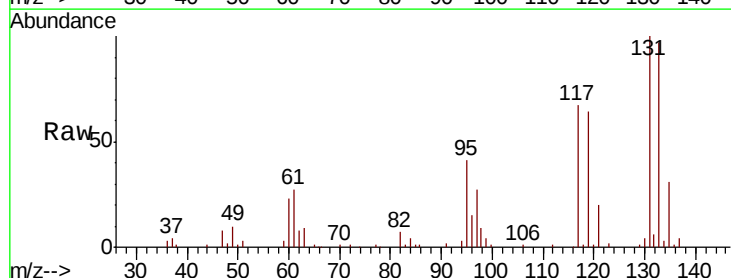
#65
Chlorobenzene
Concen: 52.324 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

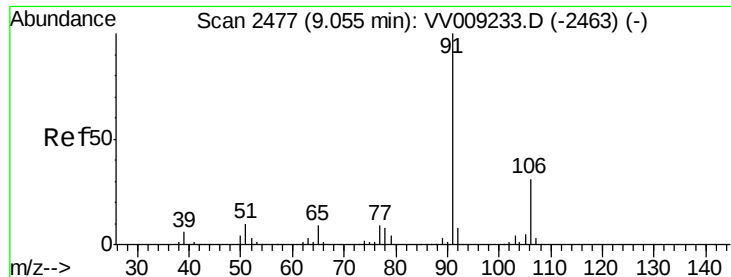
Tgt Ion:112 Resp: 157609
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.281 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

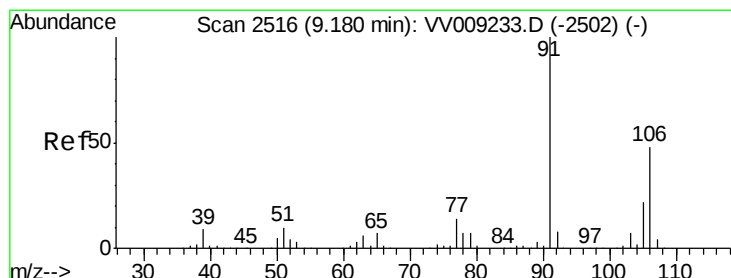
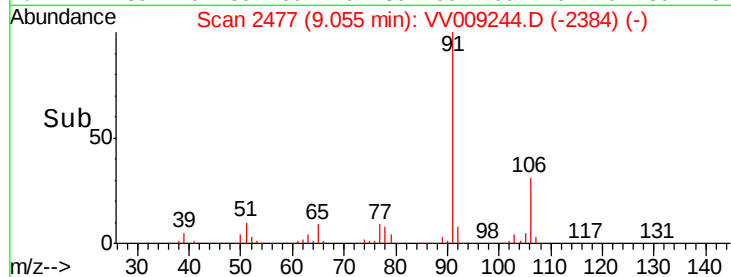
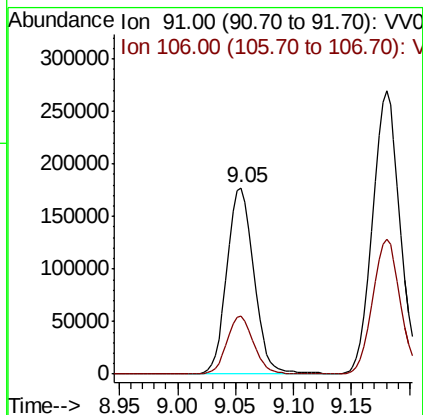
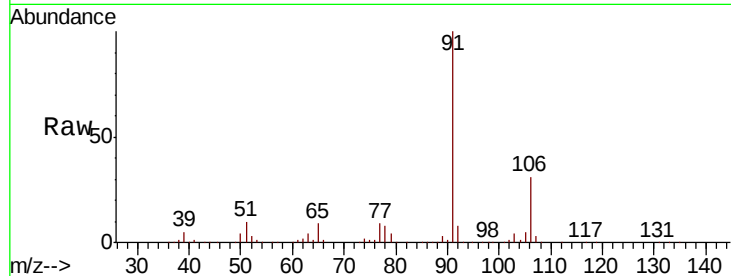
Tgt Ion:131 Resp: 53821
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.9
119 64.0 31.2 93.6





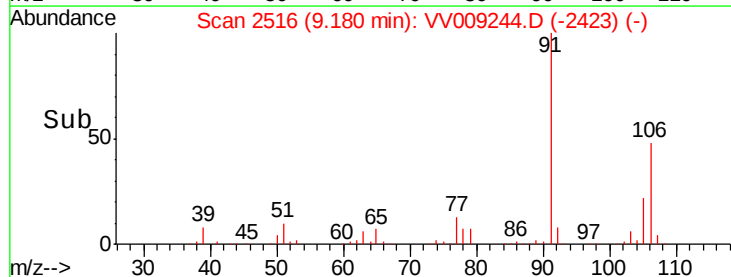
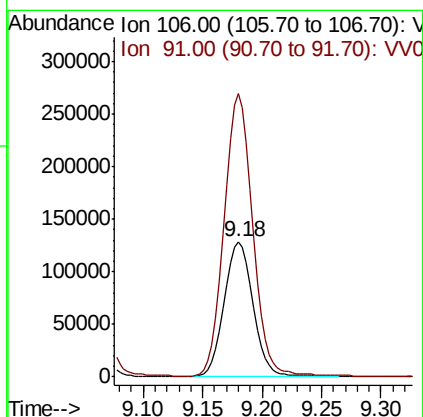
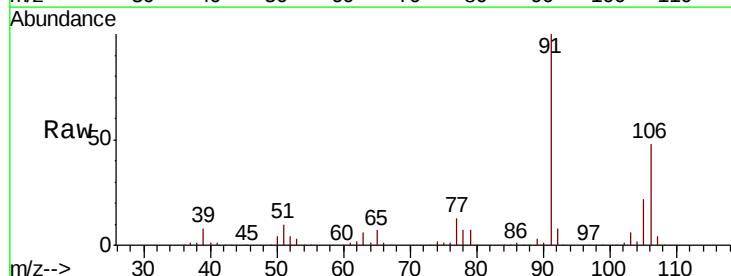
#67
 Ethyl Benzene
 Concen: 53.368 ug/l
 RT: 9.05 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

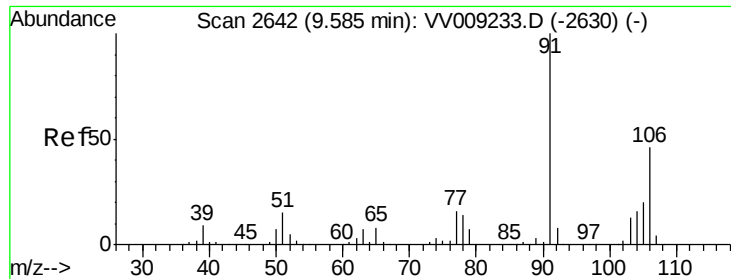
Tgt Ion: 91 Resp: 286383
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.6 37.0



#68
 m/p-Xylenes
 Concen: 106.090 ug/l
 RT: 9.18 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

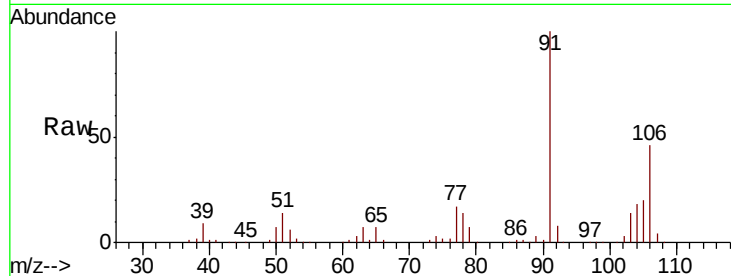
Tgt Ion: 106 Resp: 216129
 Ion Ratio Lower Upper
 106 100
 91 208.7 167.1 250.7



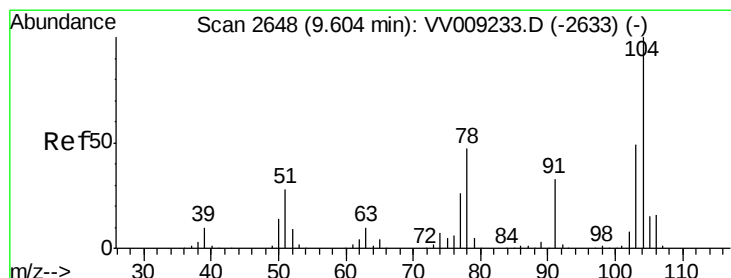
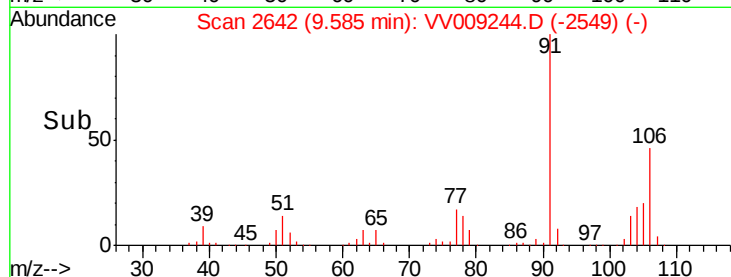
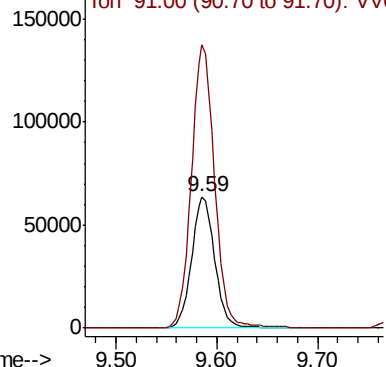


#69
o-Xylene
Concen: 54.146 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion:106 Resp: 102268
Ion Ratio Lower Upper
106 100
91 217.5 109.3 327.8

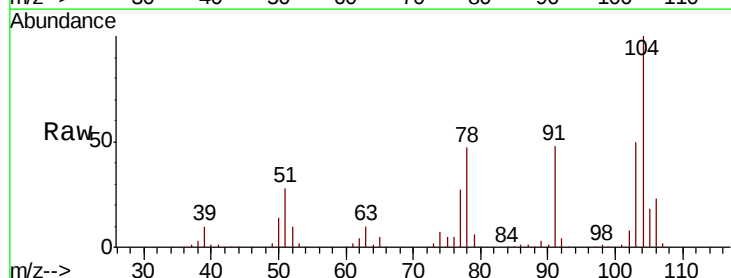


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

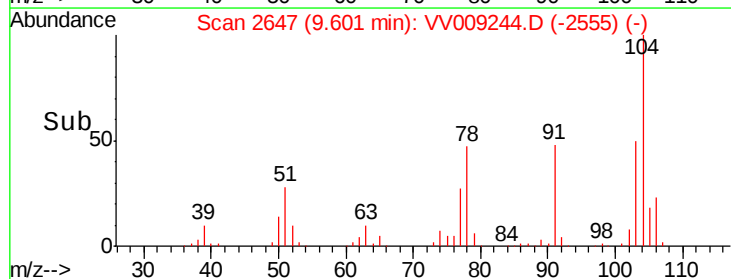
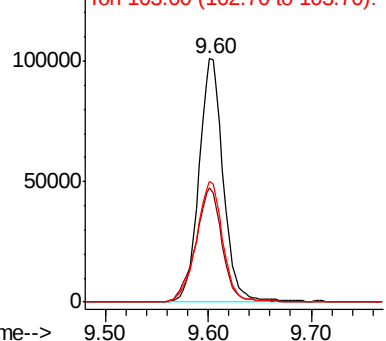


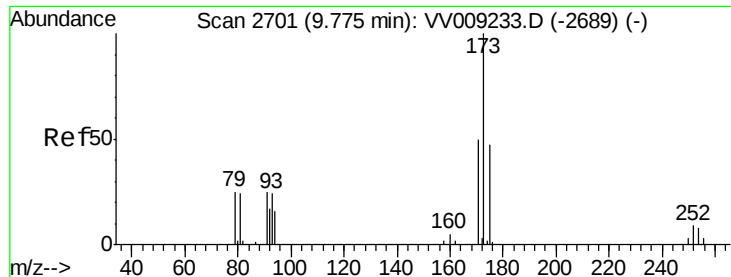
#70
Styrene
Concen: 55.082 ug/l
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

Tgt Ion:104 Resp: 166037
Ion Ratio Lower Upper
104 100
78 51.4 43.1 64.7
103 53.9 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: 54.770 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

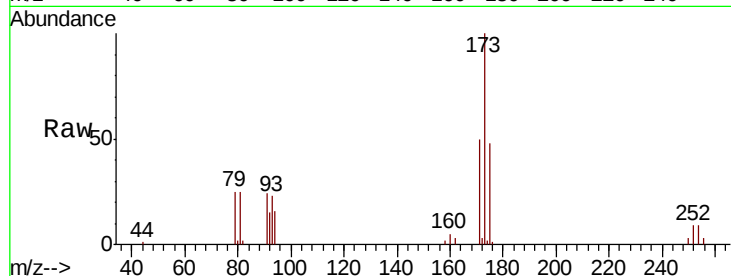
Tgt Ion:173 Resp: 26588

Ion Ratio Lower Upper

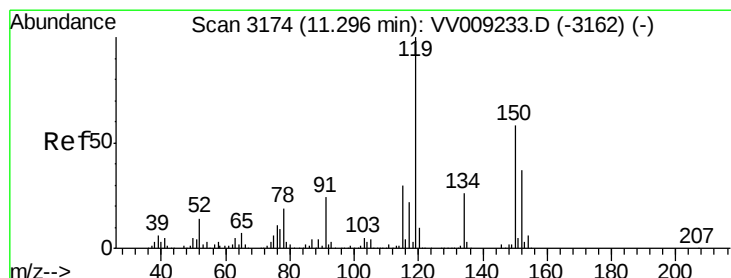
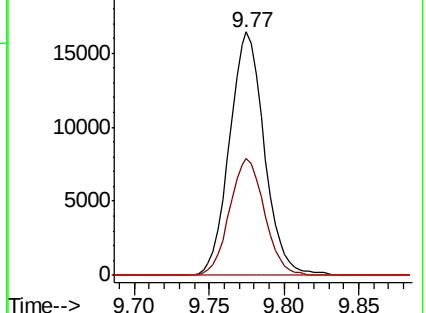
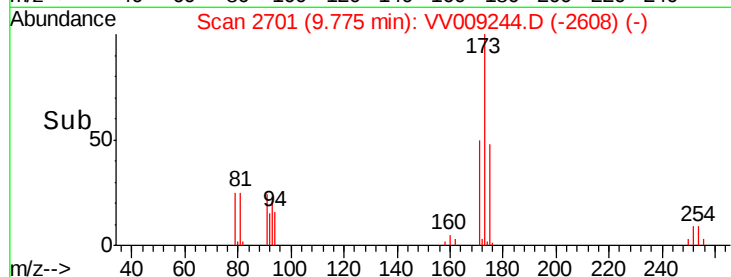
173 100

175 48.0 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: VV009244.D

Acq: 23 Jan 2019 11:58

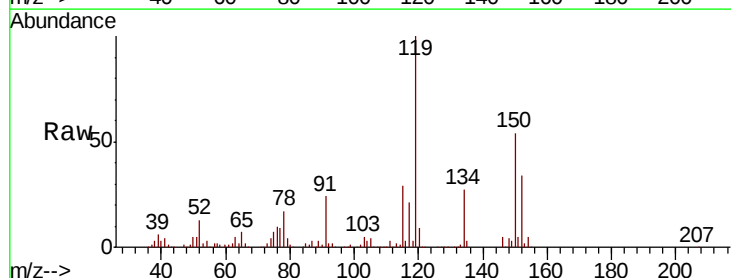
Tgt Ion:152 Resp: 64771

Ion Ratio Lower Upper

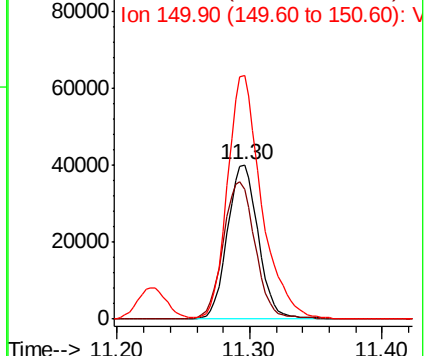
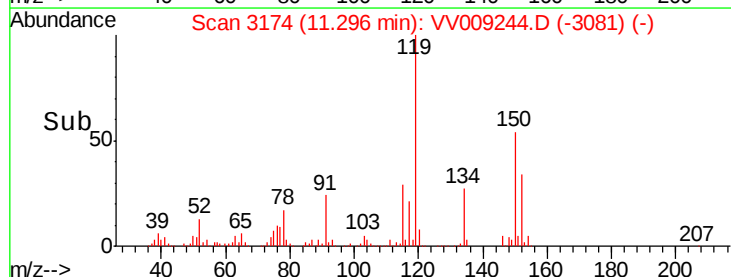
152 100

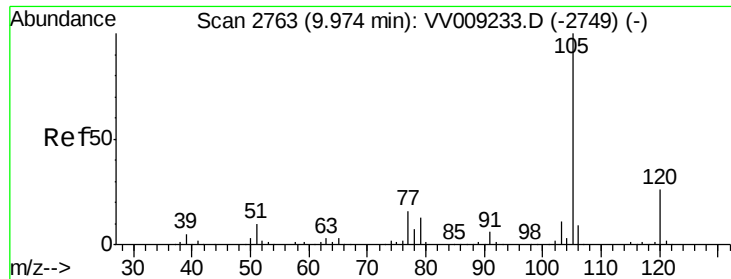
115 92.7 45.0 134.8

150 174.9 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: 54.188 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009244.D

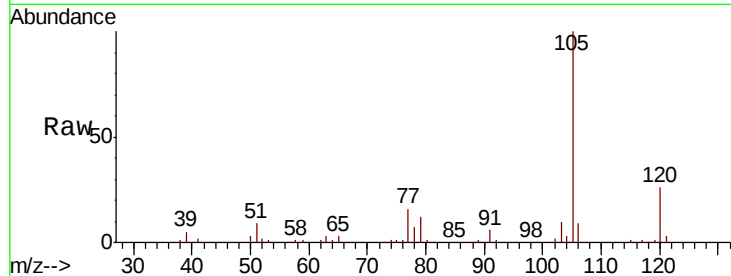
Acq: 23 Jan 2019 11:58

Tgt Ion: 105 Resp: 289832

Ion Ratio Lower Upper

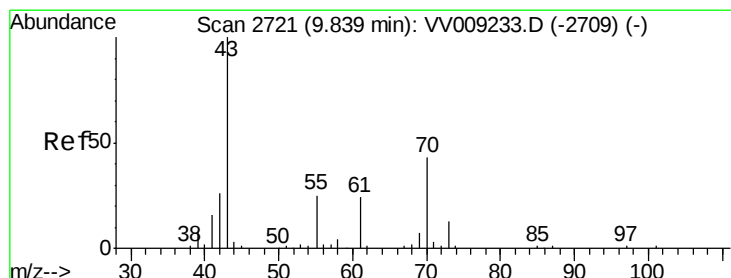
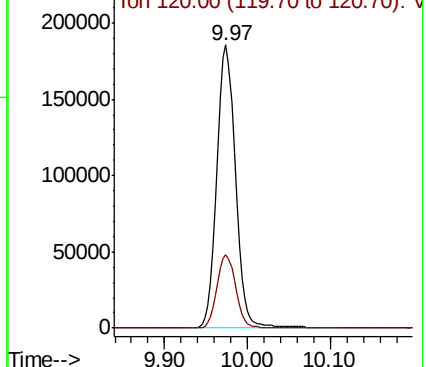
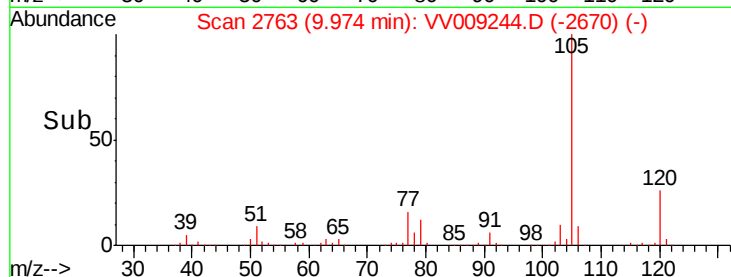
105 100

120 26.3 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-ethyl acetate

Concen: 53.523 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 52938

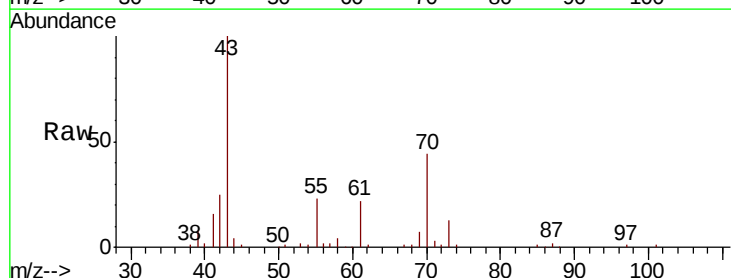
Ion Ratio Lower Upper

43 100

70 42.1 33.0 49.6

55 24.6 18.7 28.1

61 22.9 18.0 27.0

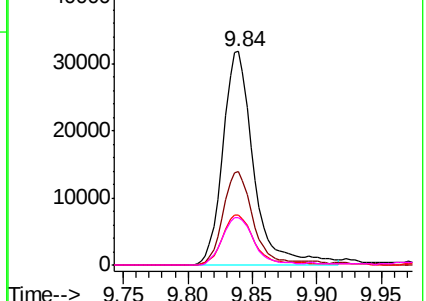
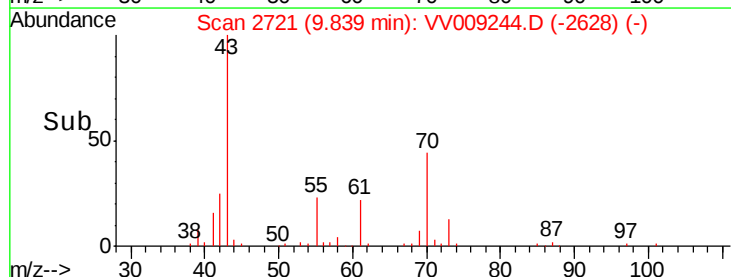


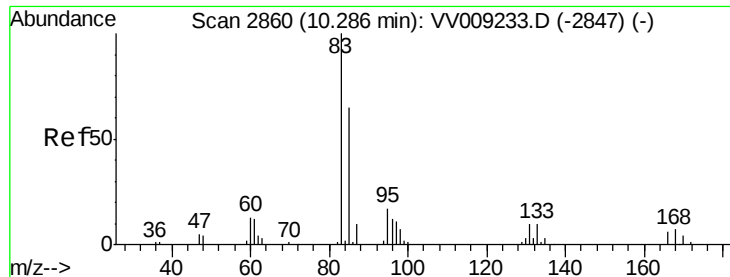
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.460 ug/l

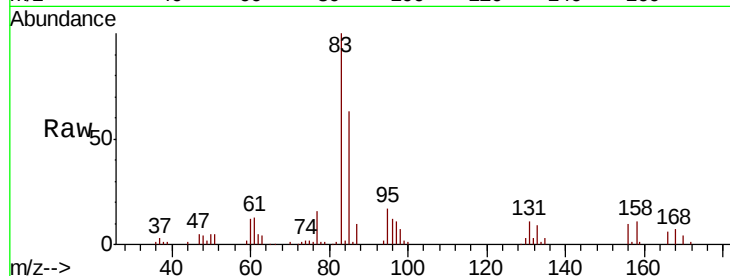
RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

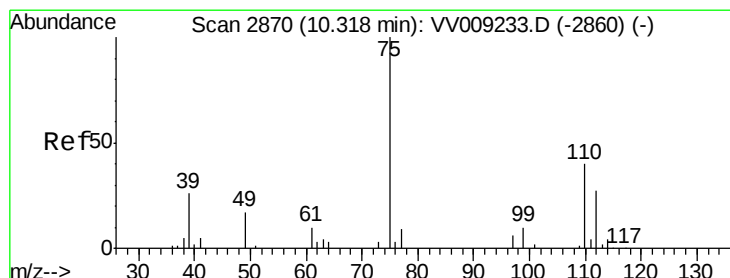
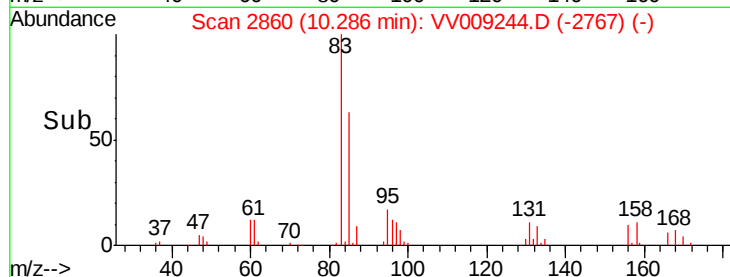
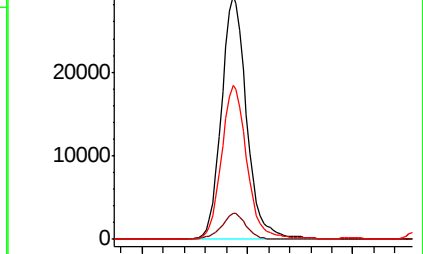
Tgt Ion:	83	Resp:	48205
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	63.3	32.6	98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009244.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009244.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009244.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 17.514 ug/l

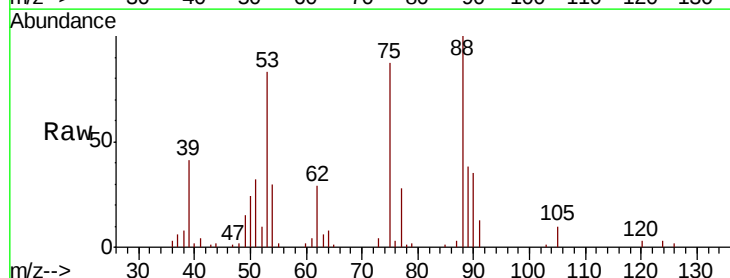
RT: 10.05 min Scan# 2786

Delta R.T. -0.27 min

Lab File: VV009244.D

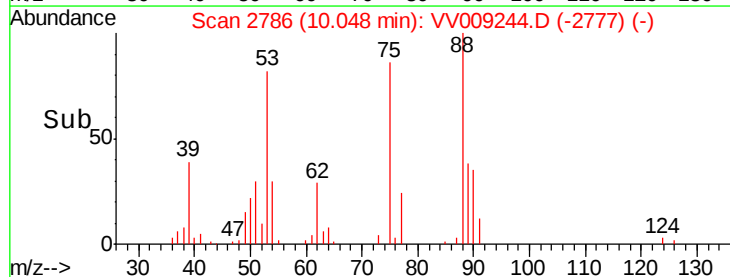
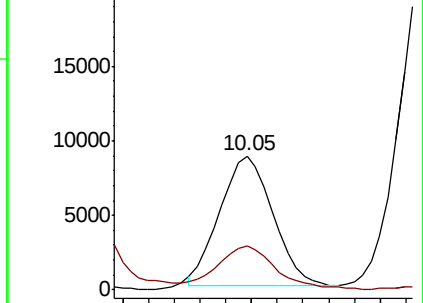
Acq: 23 Jan 2019 11:58

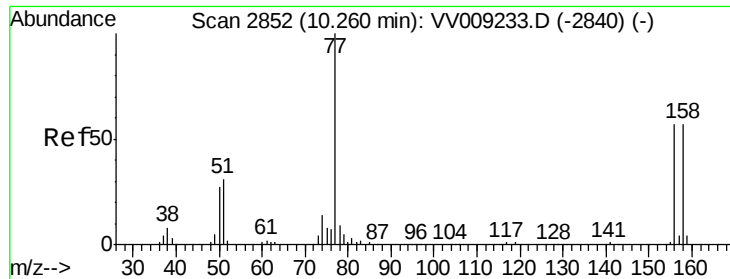
Tgt Ion:	75	Resp:	12420
Ion	Ratio	Lower	Upper
75	100		
77	37.6	24.6	73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009244.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009244.D (-2777) (-)





#77

Bromobenzene

Concen: 53.278 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

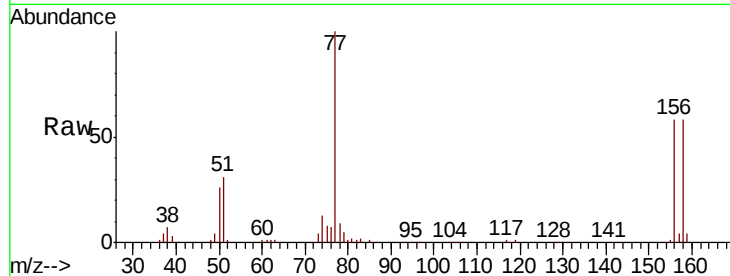
Tgt Ion: 156 Resp: 60952

Ion Ratio Lower Upper

156 100

77 166.7 86.0 258.0

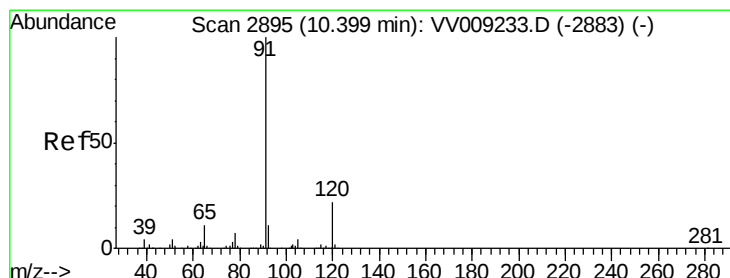
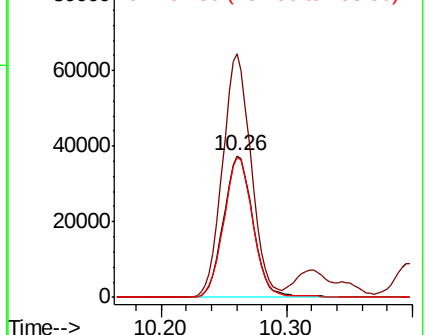
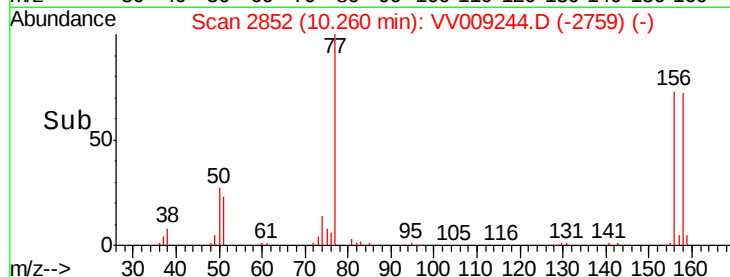
158 97.9 49.8 149.3



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: 53.815 ug/l

RT: 10.40 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VV009244.D

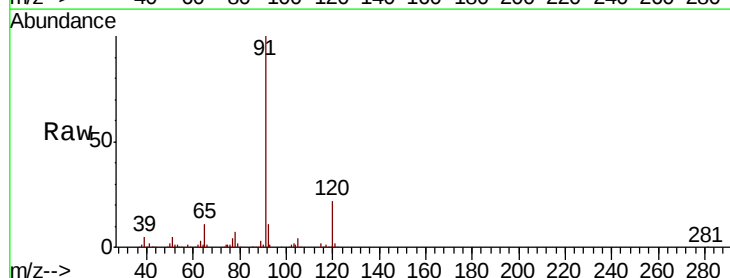
Acq: 23 Jan 2019 11:58

Tgt Ion: 91 Resp: 341226

Ion Ratio Lower Upper

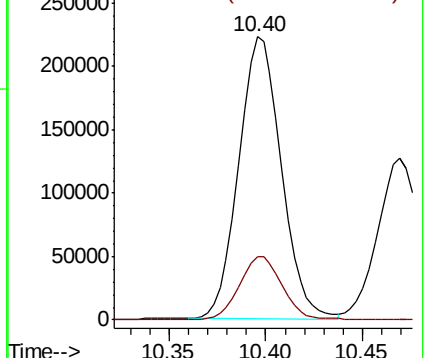
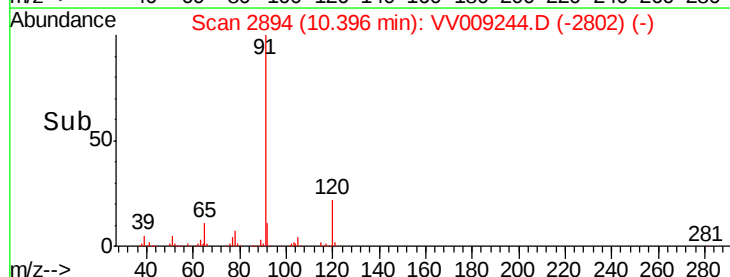
91 100

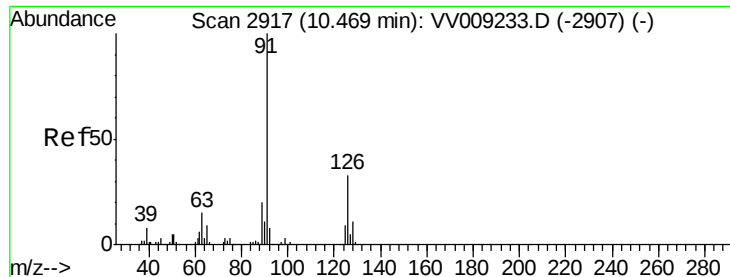
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

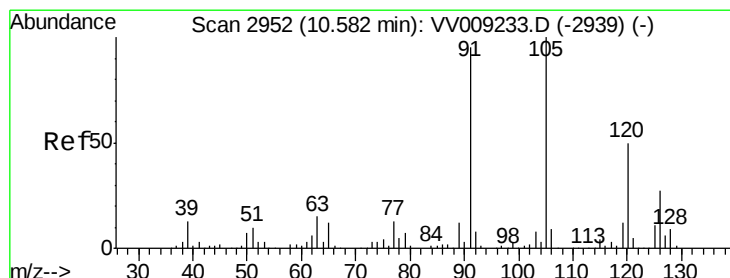
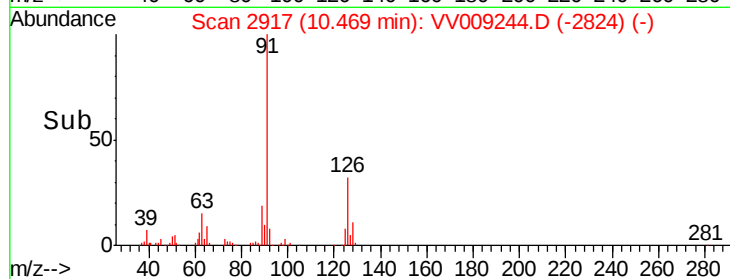
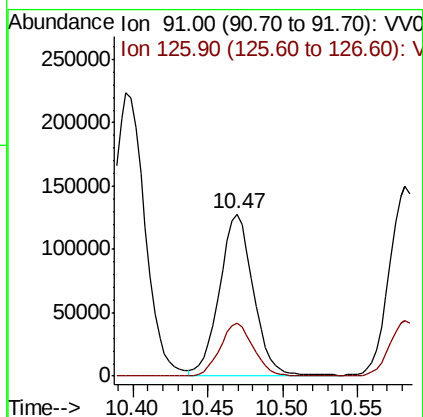
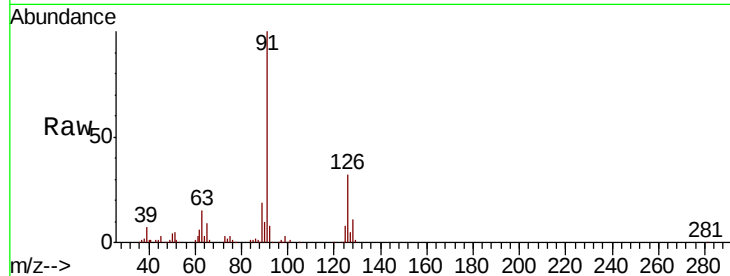
Ion 120.00 (119.70 to 120.70): V





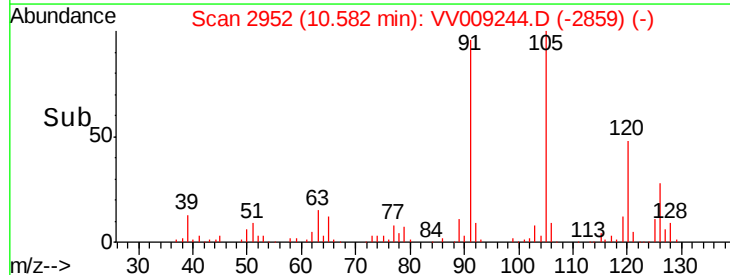
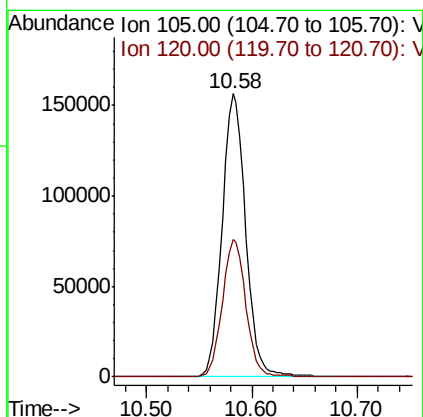
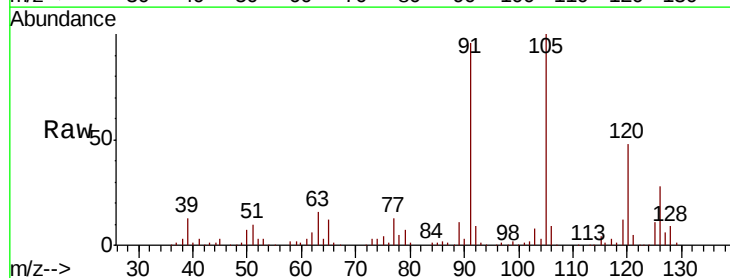
#79
 2-Chlorotoluene
 Concen: 52.145 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

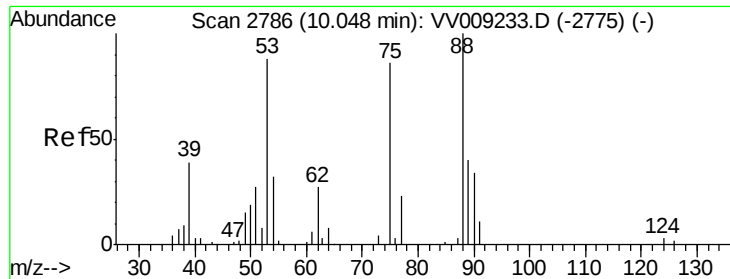
Tgt Ion: 91 Resp: 199497
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.882 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 105 Resp: 241694
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.111 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

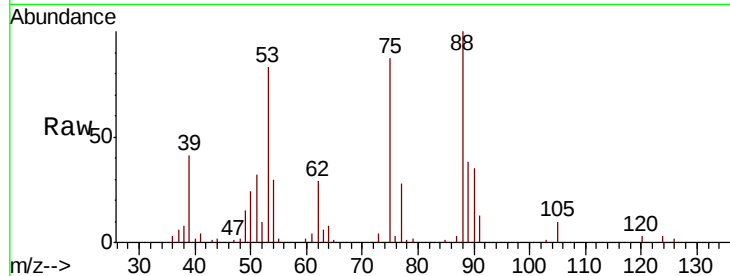
Tgt Ion: 75 Resp: 13810

Ion Ratio Lower Upper

75 100

53 101.7 82.1 123.1

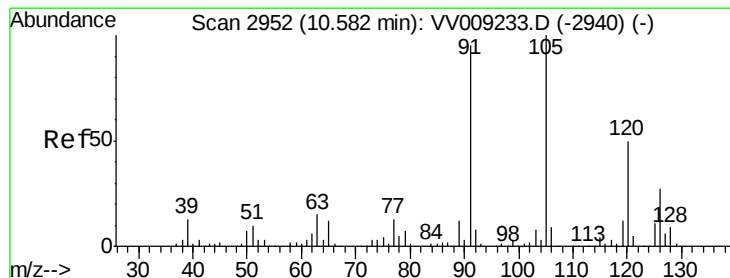
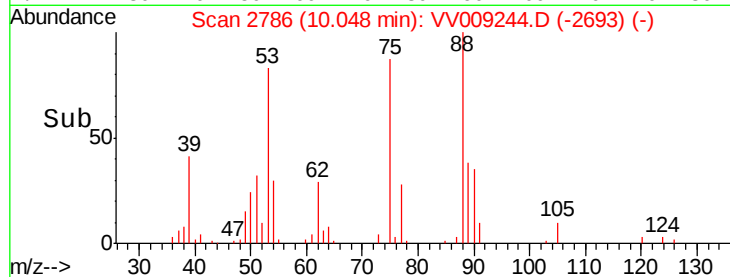
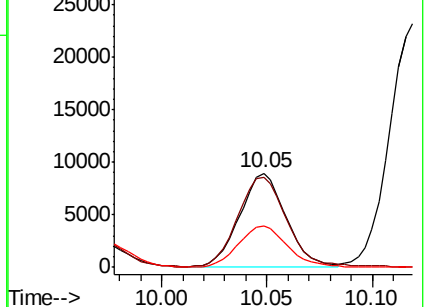
89 45.5 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2775) (-)

Ion 53.00 (52.70 to 53.70): VV009233.D (-2775) (-)

Ion 88.90 (88.60 to 89.60): VV009233.D (-2775) (-)



#82

4-Chlorotoluene

Concen: 52.444 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009244.D

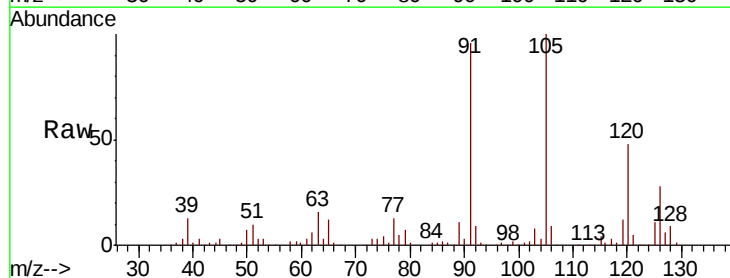
Acq: 23 Jan 2019 11:58

Tgt Ion: 91 Resp: 236322

Ion Ratio Lower Upper

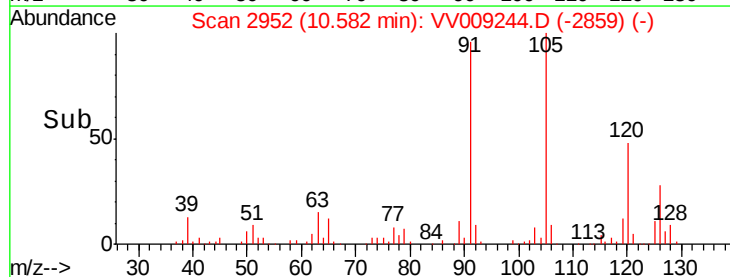
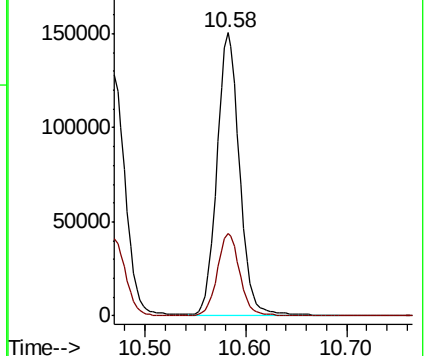
91 100

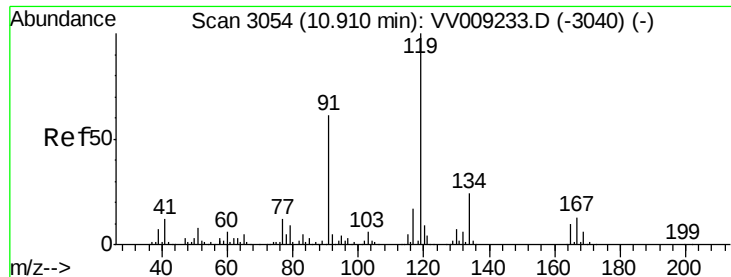
126 29.1 14.3 42.9



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

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





#83

tert-Butylbenzene

Concen: 53.957 ug/l

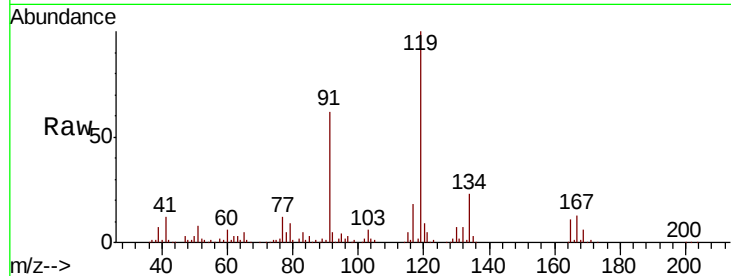
RT: 10.91 min Scan# 3054

Delta R.T. 0.00 min

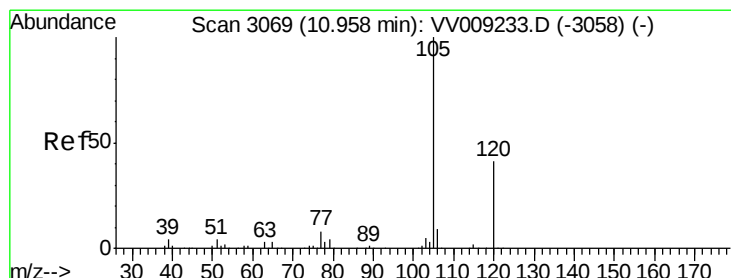
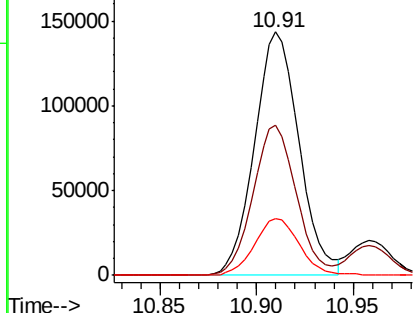
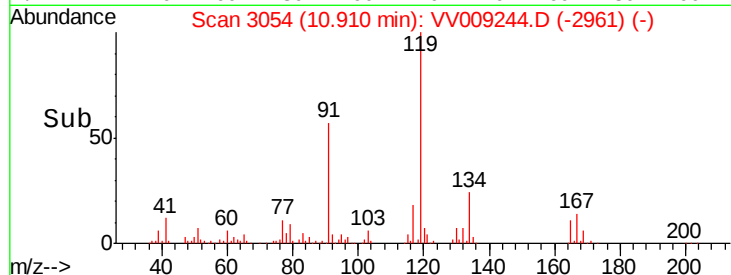
Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	119	Resp:	230463
Ion	Ratio	Lower	Upper
119	100		
91	59.9	30.0	90.1
134	23.8	11.9	35.7



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



#84

1,2,4-Trimethylbenzene

Concen: 53.449 ug/l

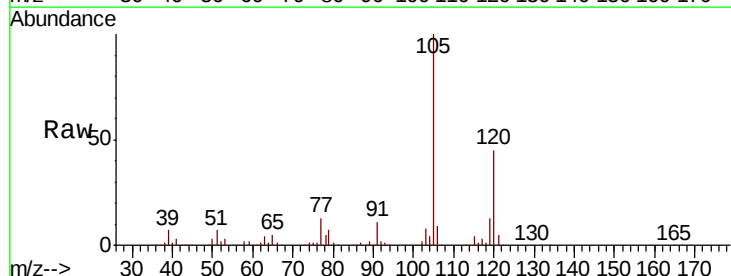
RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

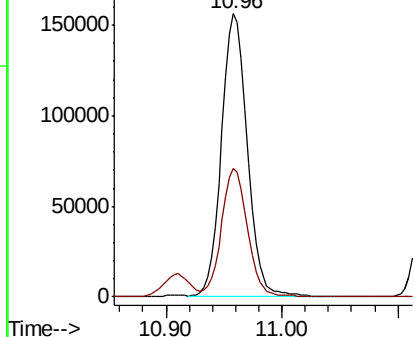
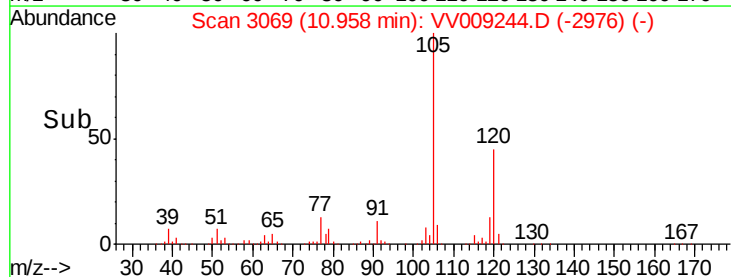
Lab File: VV009244.D

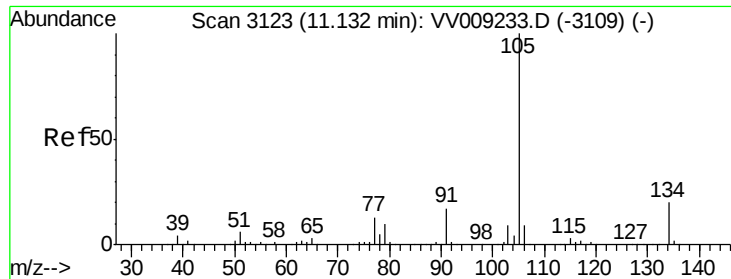
Acq: 23 Jan 2019 11:58

Tgt Ion:	105	Resp:	241856
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.7



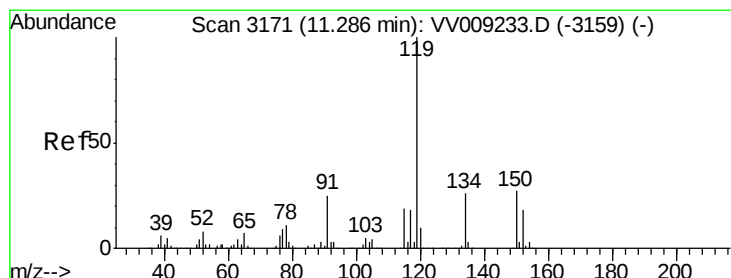
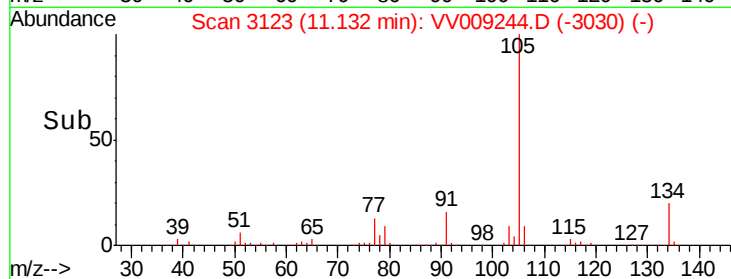
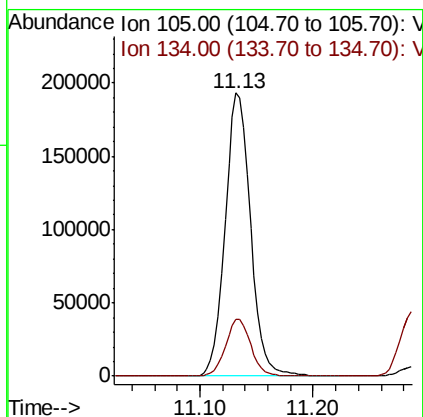
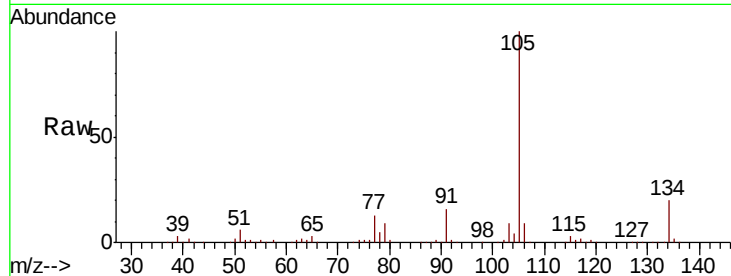
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





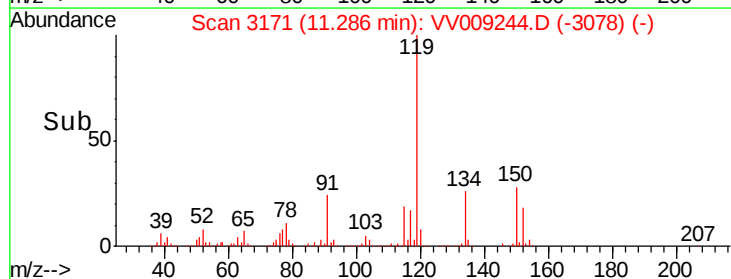
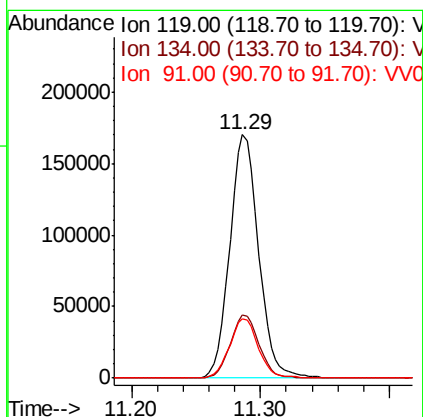
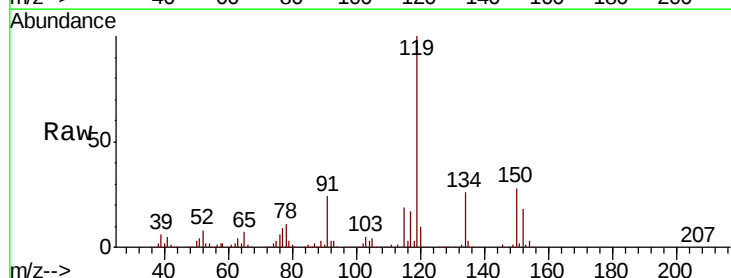
#85
 sec-Butylbenzene
 Concen: 53.947 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

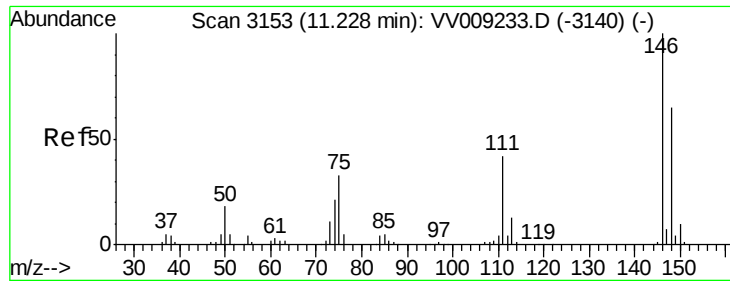
Tgt Ion:105 Resp: 301798
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.884 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

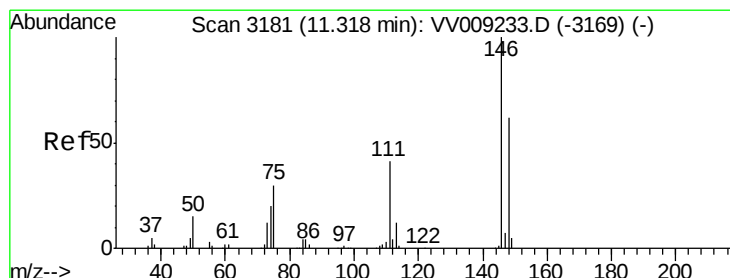
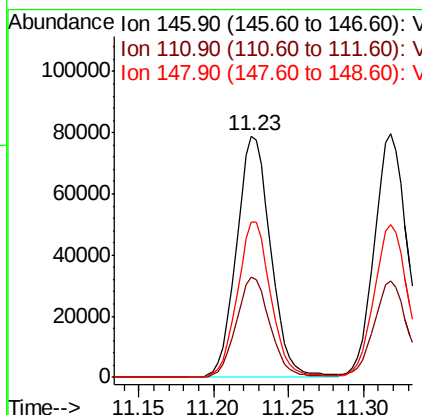
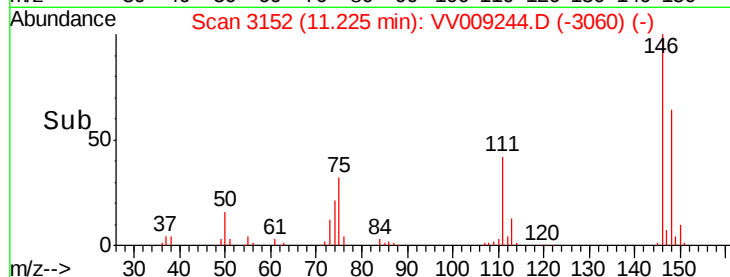
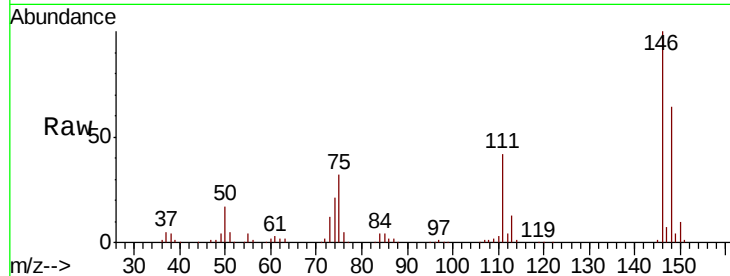
Tgt Ion:119 Resp: 263944
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.5 12.4 37.2





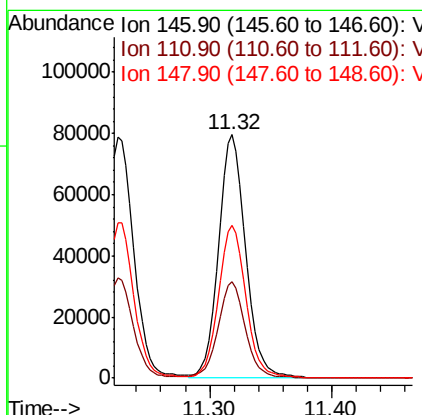
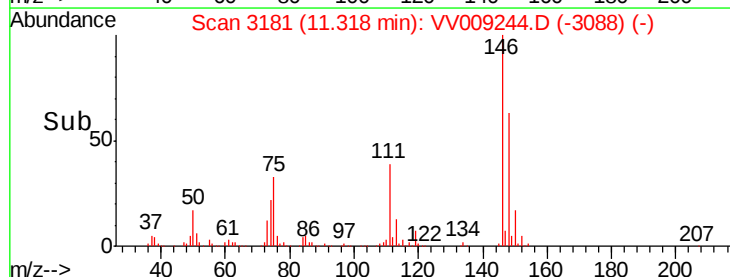
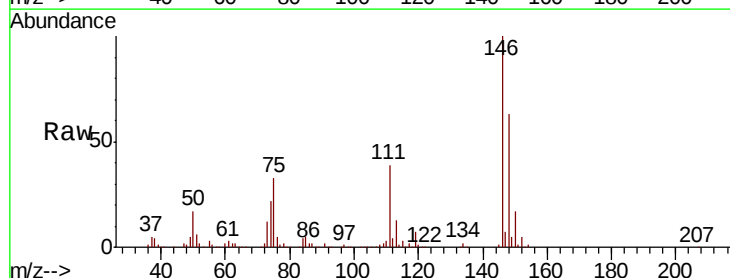
#87
 1,3-Dichlorobenzene
 Concen: 52.899 ug/l
 RT: 11.23 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

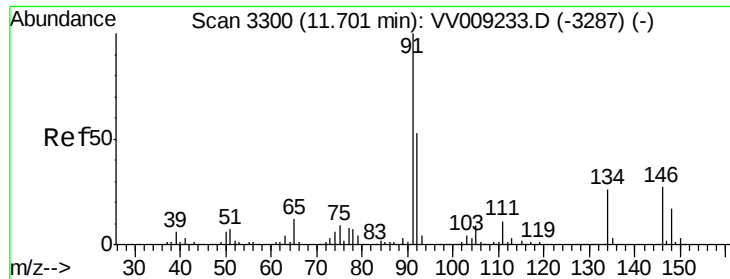
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.4
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.027 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

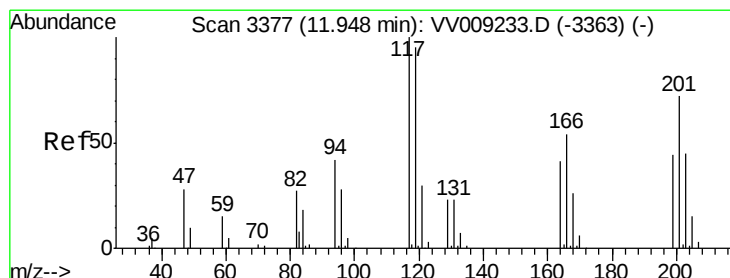
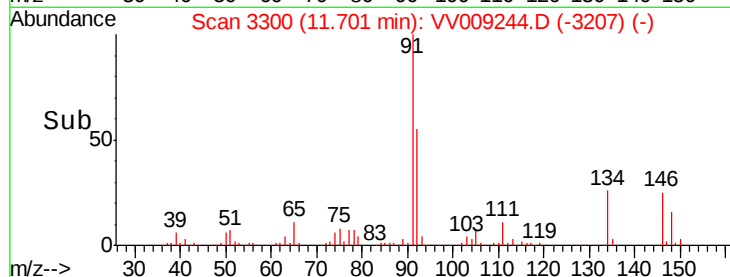
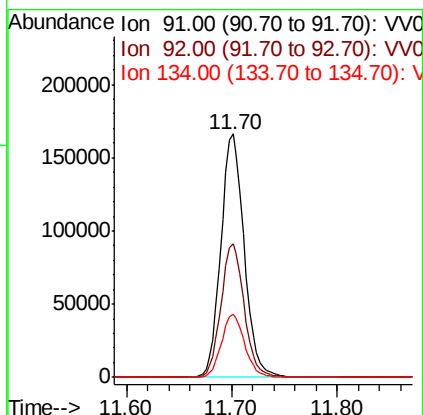
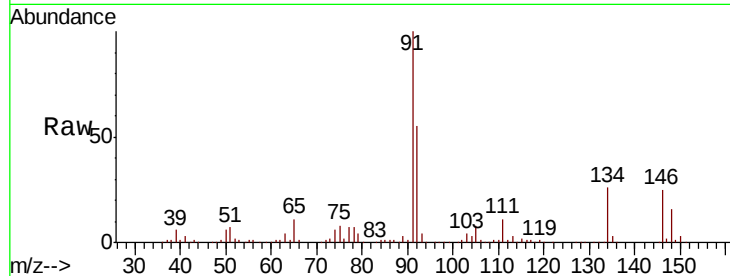
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	63.7	31.4	94.3





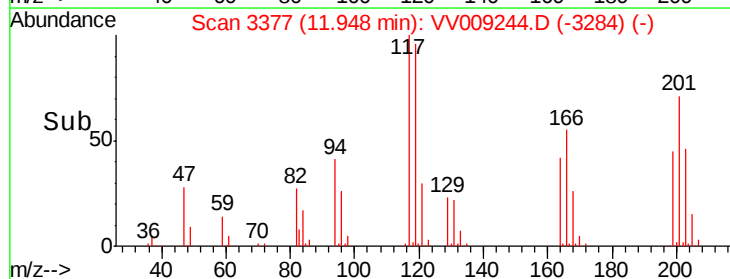
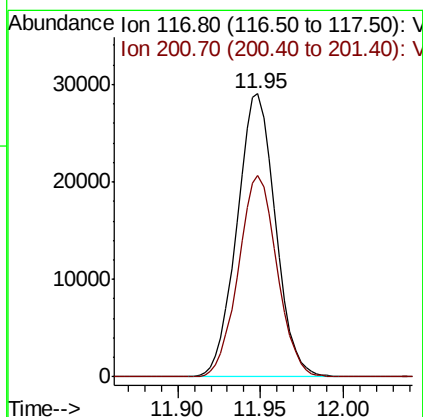
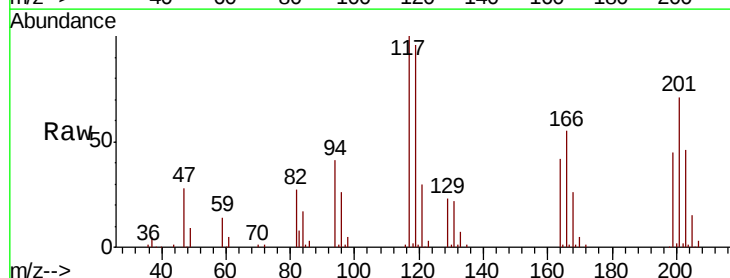
#89
n-Butylbenzene
Concen: 53.414 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

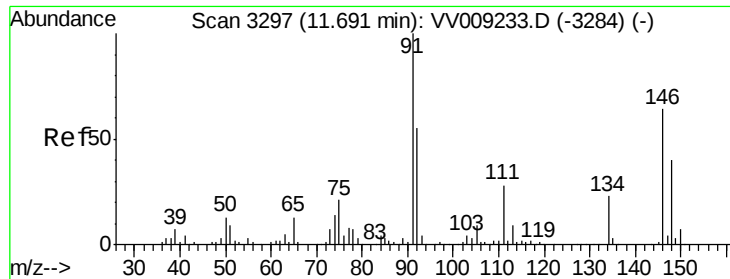
Tgt Ion: 91 Resp: 253962
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 25.8 12.6 37.8



#90
Hexachloroethane
Concen: 53.791 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009244.D
Acq: 23 Jan 2019 11:58

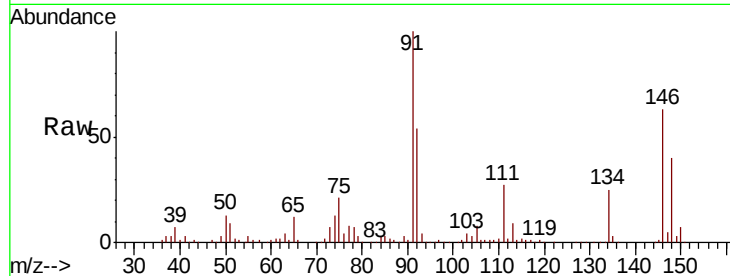
Tgt Ion: 117 Resp: 46855
Ion Ratio Lower Upper
117 100
201 71.4 35.2 105.6



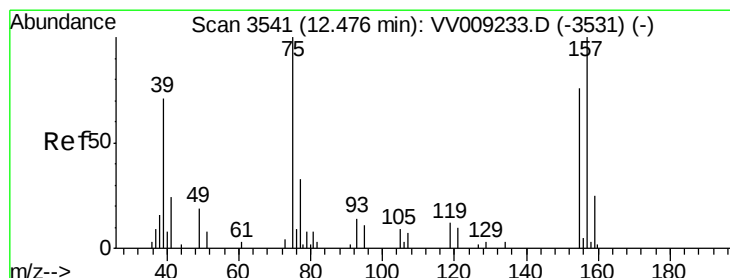
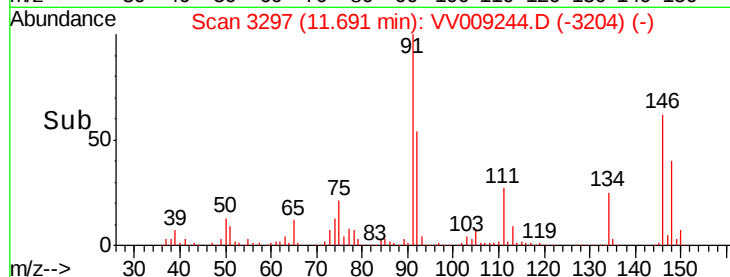
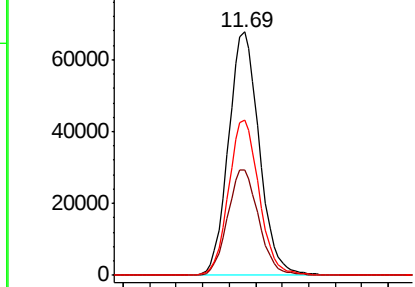


#91
 1,2-Dichlorobenzene
 Concen: 52.057 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 146 Resp: 109156
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.8
 148 63.2 31.6 95.0

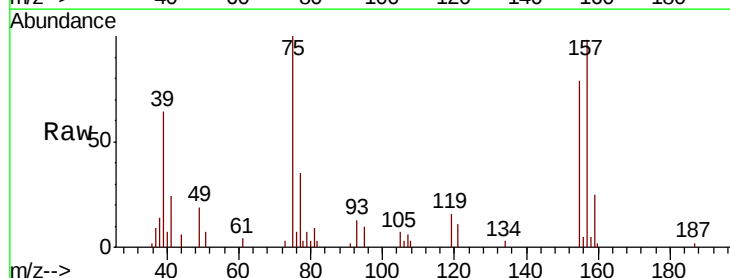


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

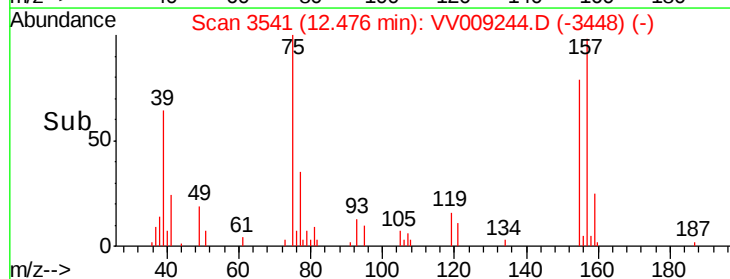
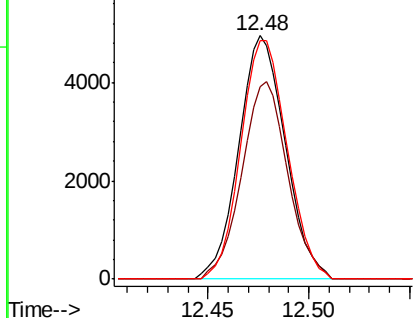


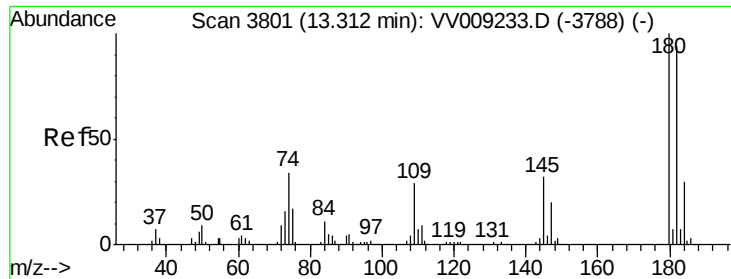
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.926 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 75 Resp: 8012
 Ion Ratio Lower Upper
 75 100
 155 79.8 38.0 114.0
 157 97.5 50.8 152.4



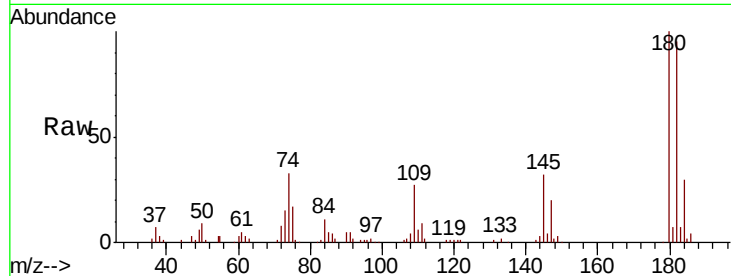
Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



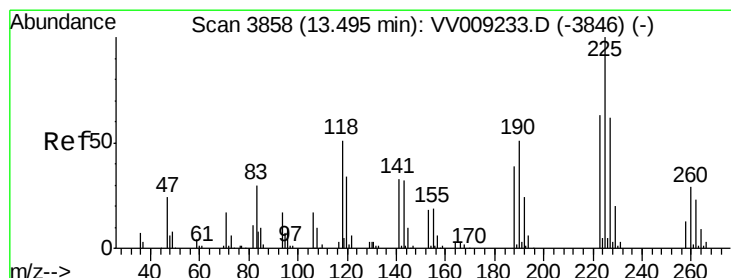
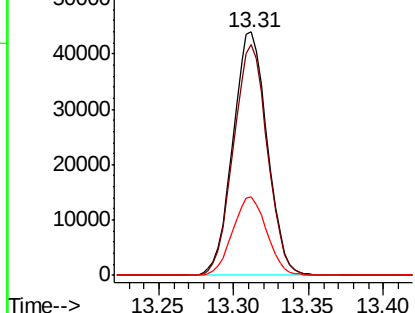
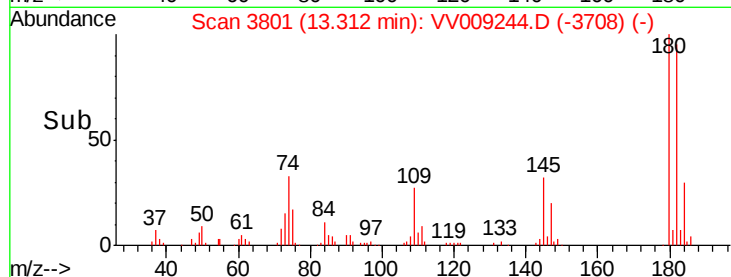


#93
 1,2,4-Trichlorobenzene
 Concen: 52.020 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:180 Resp: 70219
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.1 141.4
 145 32.2 16.0 48.0

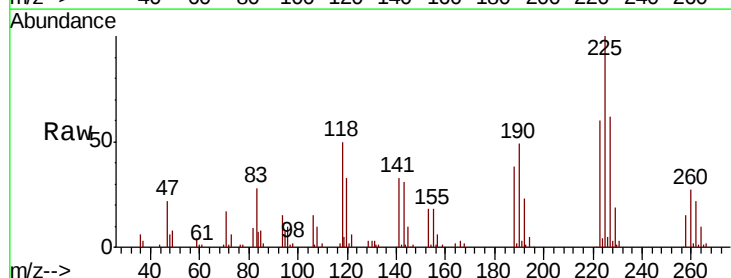


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

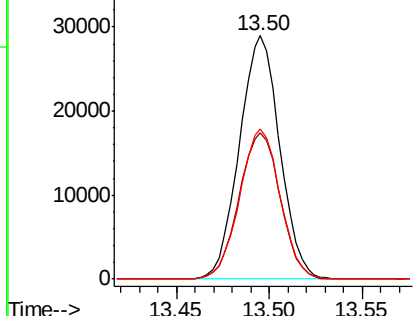
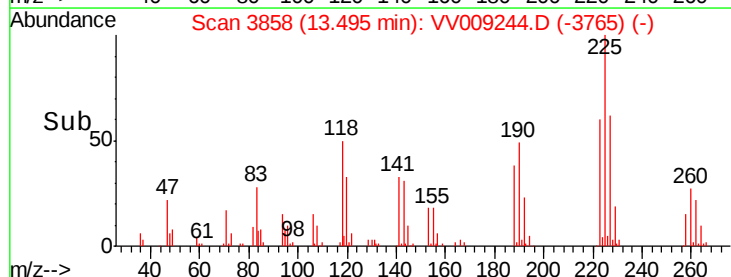


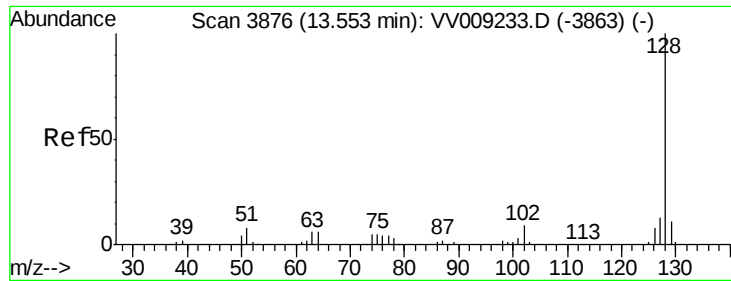
#94
 Hexachlorobutadiene
 Concen: 52.238 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009244.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:225 Resp: 43702
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.7 95.1
 227 61.6 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: 53.554 ug/l

RT: 13.55 min Scan# 3876

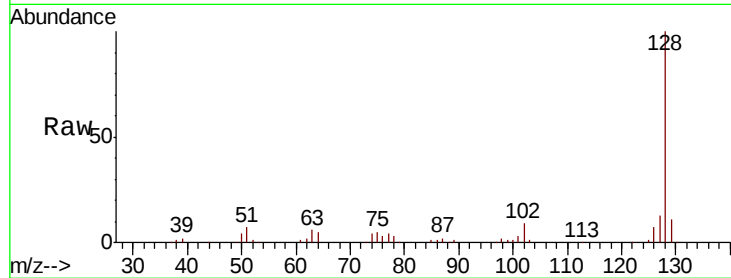
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion:128 Resp: 124994

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.6	8.8	13.2

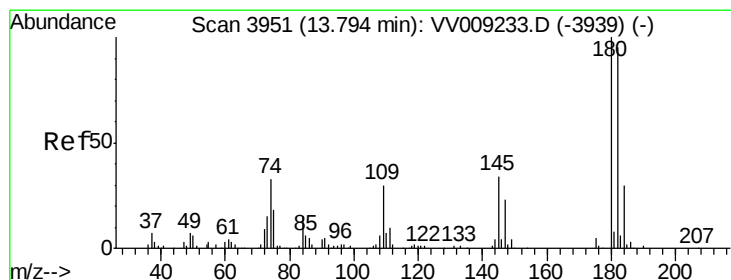
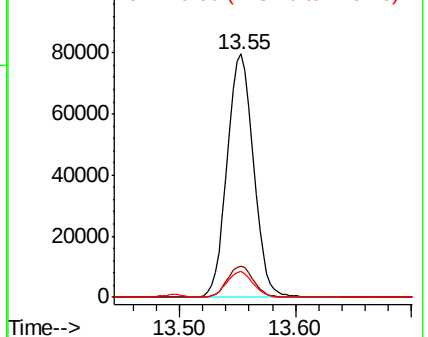
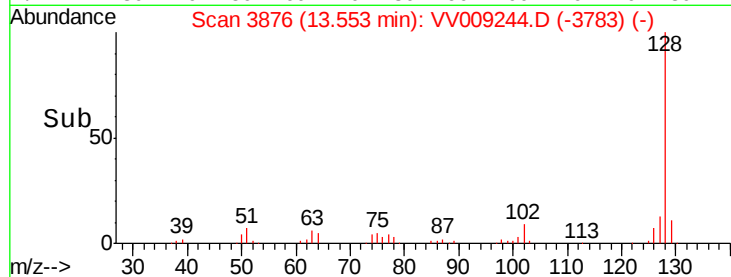


Abundance

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: 51.994 ug/l

RT: 13.79 min Scan# 3951

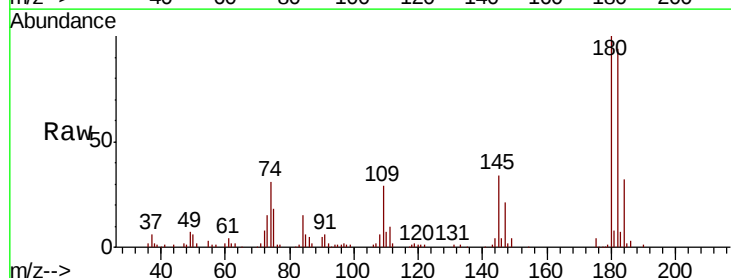
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion:180 Resp: 59431

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	34.2	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

