

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041019\
 Data File : VV010231.D
 Acq On : 11 Apr 2019 00:53
 Operator : SY/MD
 Sample : K2278-01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 08:59:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 07:05:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270633	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269456	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129383	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68712	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	1.56	69	69800	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	2.12	63	174789	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.16%
20) 2-Butanone-d5	3.93	46	49177	62.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.76%
24) Chloroform-d	4.40	84	150996	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.08	65	97681	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.00%
29) Benzene-d6	5.10	84	333527	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	100949	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	324217	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.36%
38) trans-1,3-Dichloropropene-	7.66	79	42708	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.04%
39) 2-Hexanone-d5	8.13	63	37239	55.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	97898	28.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	125844	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	65458	18.394	ug/L 99
6) Bromomethane	1.51	94	26745	8.623	ug/L 100
9) Trichlorofluoromethane	1.76	101	96060	12.394	ug/L 99
12) 1,1-Dichloroethene	2.13	96	72128	20.201	ug/L 85
13) Acetone	2.19	43	55420	65.793	ug/L 92
15) Methyl Acetate	2.45	43	66739	44.486	ug/L 95
16) Methylene chloride	2.53	84	53735	10.139	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	271418	35.128	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	33197	9.785	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	97191	26.329	ug/L 99
23) Bromochloromethane	4.29	128	29003	15.956	ug/L 98
27) 1,2-Dichloroethane	5.18	62	45660	10.763	ug/L 99
30) Cyclohexane	4.72	56	40357	7.998	ug/L 99
31) 1,1,1-Trichloroethane	4.65	97	52770	9.362	ug/L 100
32) Carbon tetrachloride	4.87	117	54317	10.341	ug/L 99
35) Trichloroethene	5.96	95	145497	36.867	ug/L 98
36) Methylcyclohexane	6.17	83	128368	21.768	ug/L 98

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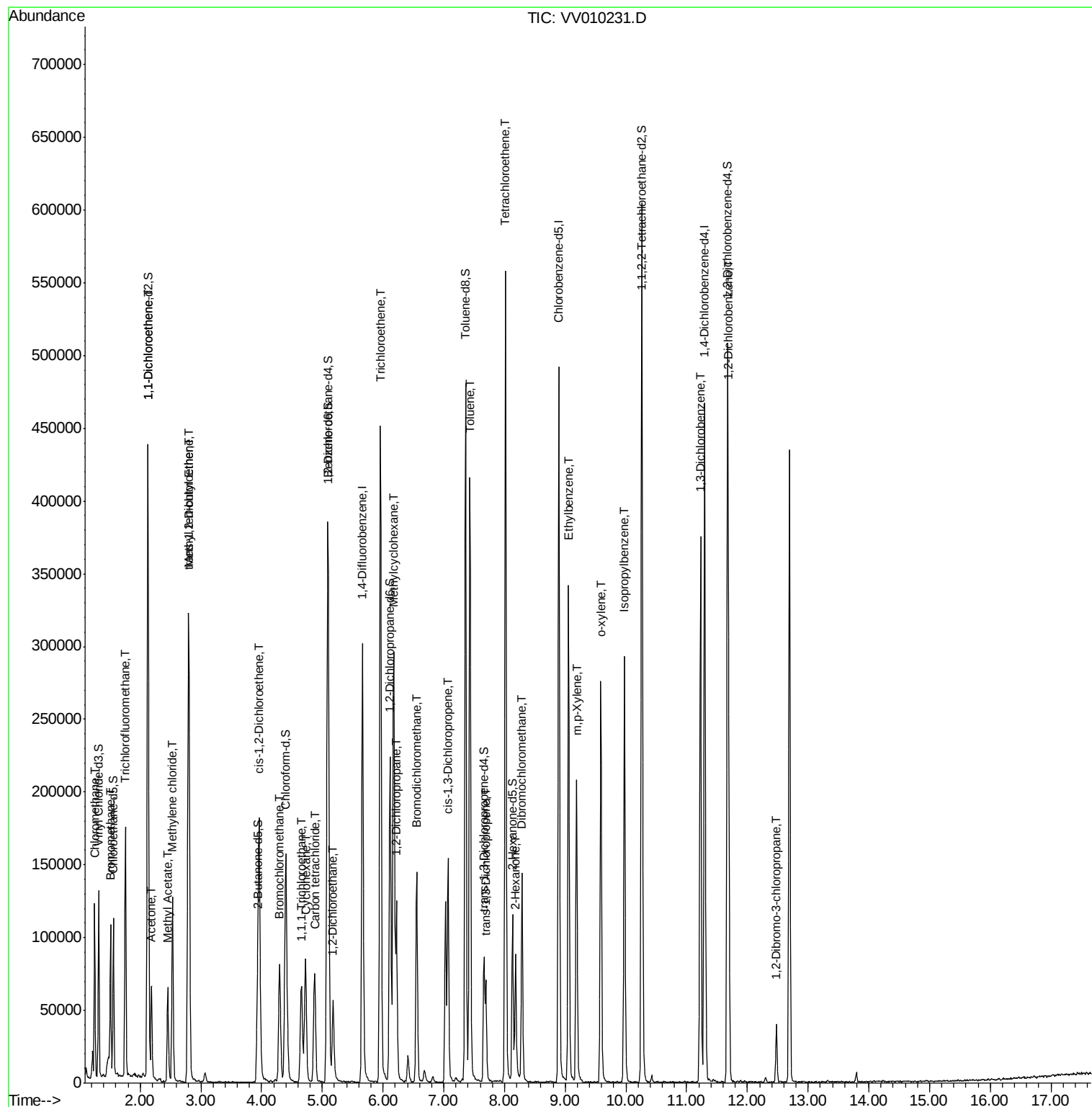
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

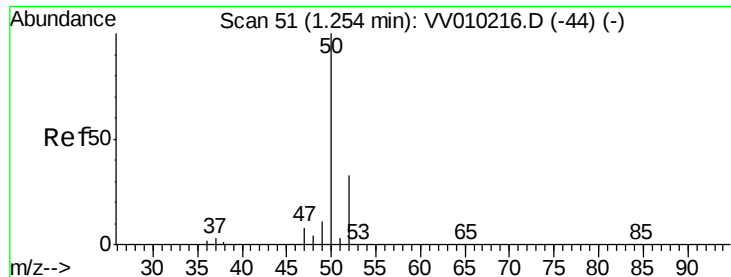
40) 1,2-Dichloropropane	6.22	63	44245	13.238	ug/L	98
41) Bromodichloromethane	6.55	83	89673	20.136	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	84329	16.650	ug/L	98
44) Toluene	7.43	91	300712	19.583	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	37175	8.746	ug/L	99
47) Tetrachloroethene	8.02	164	120008	34.302	ug/L	95
49) 2-Hexanone	8.18	43	52272	36.753	ug/L	98
50) Dibromochloromethane	8.29	129	68866	19.857	ug/L	97
53) Ethylbenzene	9.05	91	236486	13.966	ug/L	100
54) m,p-Xylene	9.19	106	60465	9.052	ug/L	96
55) o-xylene	9.59	106	77114	11.593	ug/L	90
57) Isopropylbenzene	9.97	105	194171	11.485	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	161426	20.122	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	77620	10.136	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8551	19.739	ug/L	92

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

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#3

Chloromethane

Concen: 18.394 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV010231.D

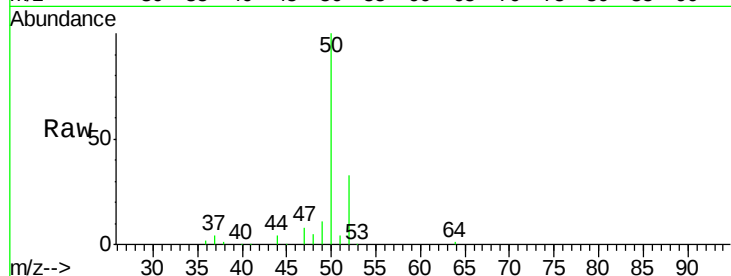
Acq: 11 Apr 2019 00:53

Tot Ion: 50 Resp: 65458

Ion Ratio Lower Upper

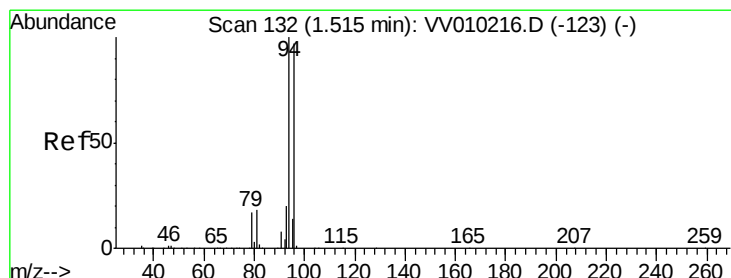
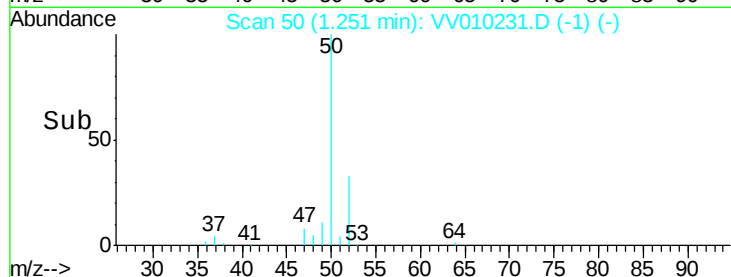
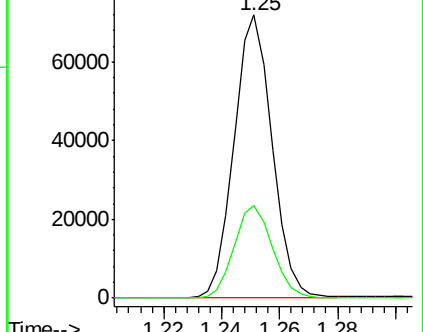
50 100

52 32.6 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#6

Bromomethane

Concen: 8.623 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

Lab File: VV010231.D

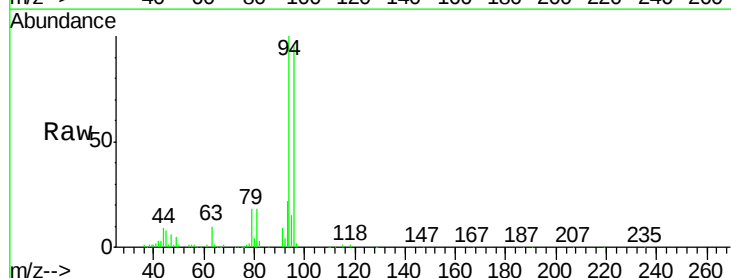
Acq: 11 Apr 2019 00:53

Tgt Ion: 94 Resp: 26745

Ion Ratio Lower Upper

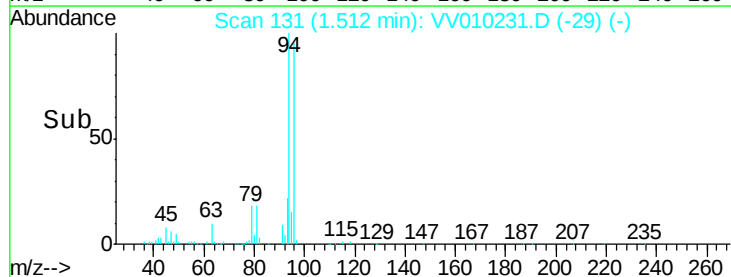
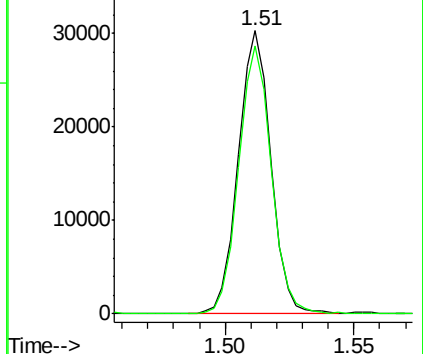
94 100

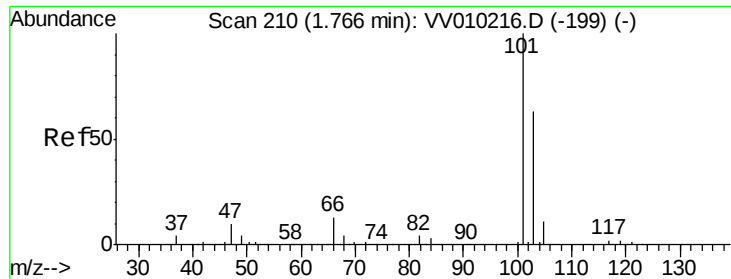
96 94.6 9.4 179.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#9

Trichlorofluoromethane

Concen: 12.394 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.01 min

Lab File: VV010231.D

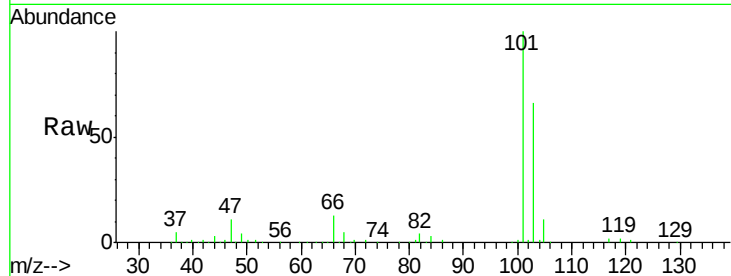
Acq: 11 Apr 2019 00:53

Tot Ion:101 Resp: 96060

Ion Ratio Lower Upper

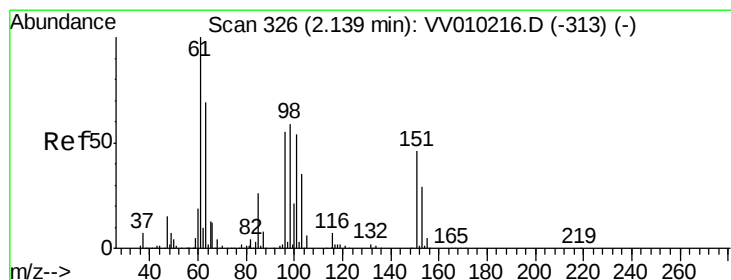
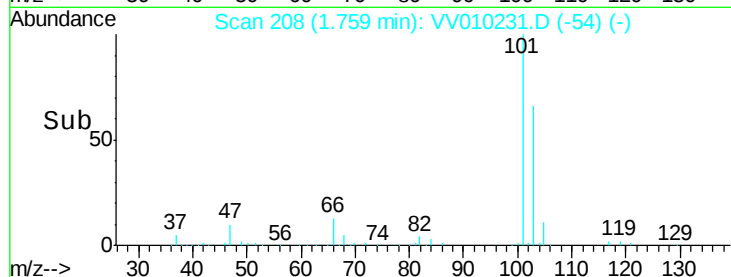
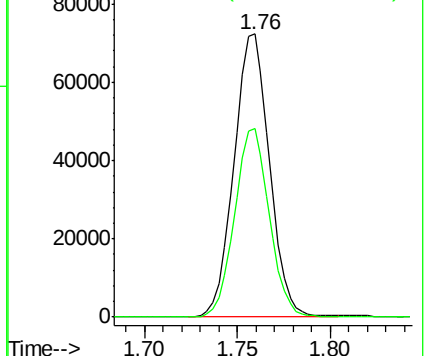
101 100

103 65.0 44.8 83.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 20.201 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

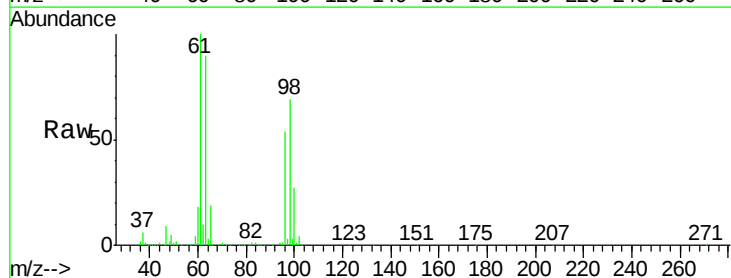
Tgt Ion: 96 Resp: 72128

Ion Ratio Lower Upper

96 100

61 184.2 125.3 232.7

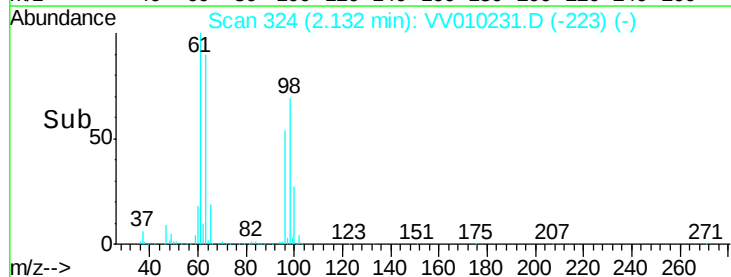
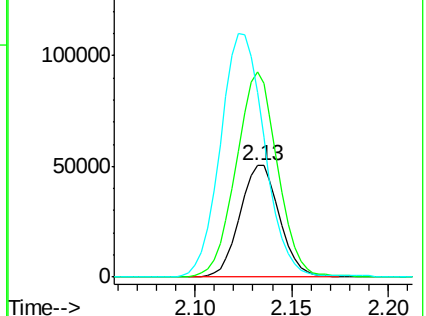
63 165.7 91.3 169.6

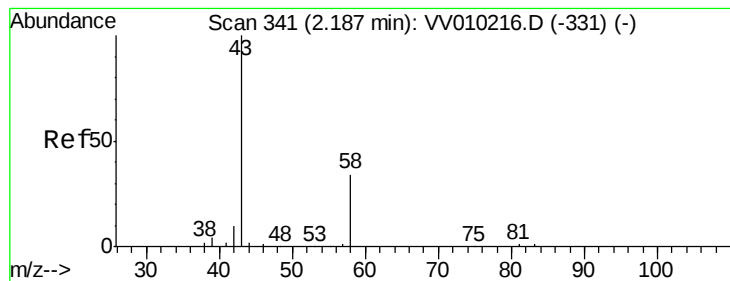


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 65.793 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010231.D

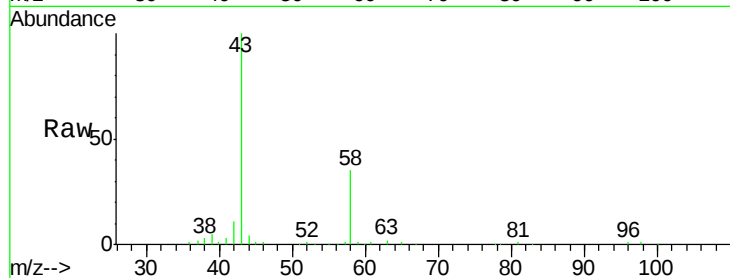
Acq: 11 Apr 2019 00:53

Tot Ion: 43 Resp: 55420

Ion Ratio Lower Upper

43 100

58 35.2 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

40000

30000

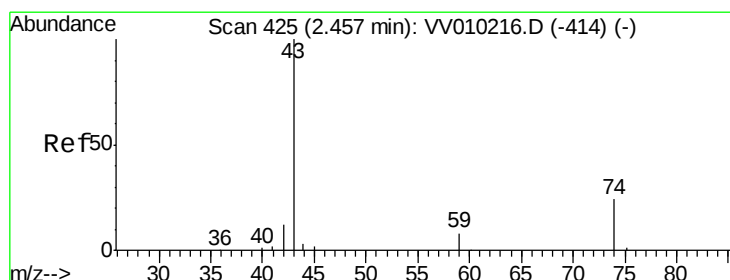
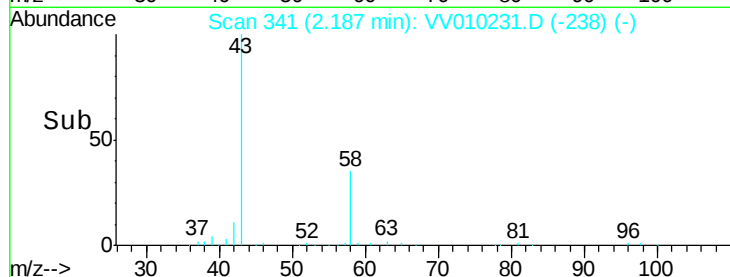
20000

10000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 44.486 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV010231.D

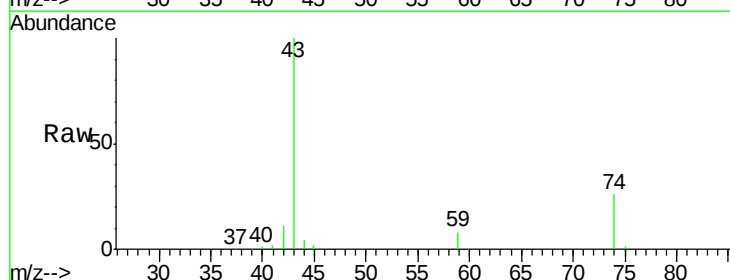
Acq: 11 Apr 2019 00:53

Tgt Ion: 43 Resp: 66739

Ion Ratio Lower Upper

43 100

74 26.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

50000

40000

30000

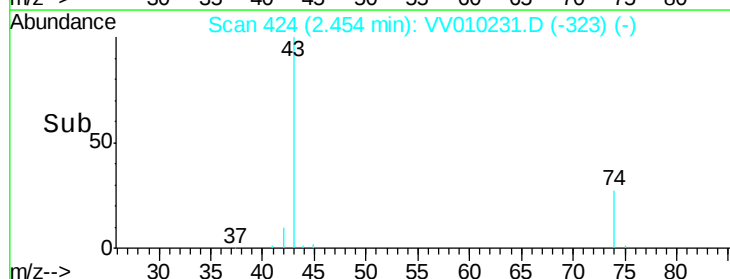
20000

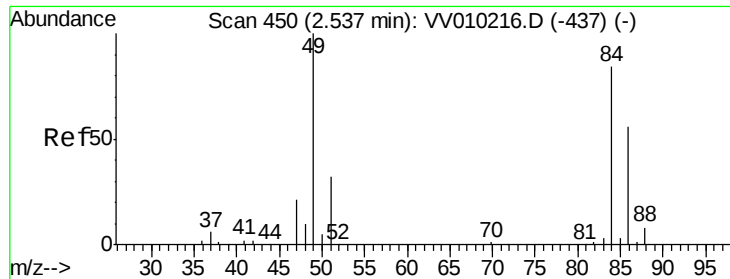
10000

0

Time-->

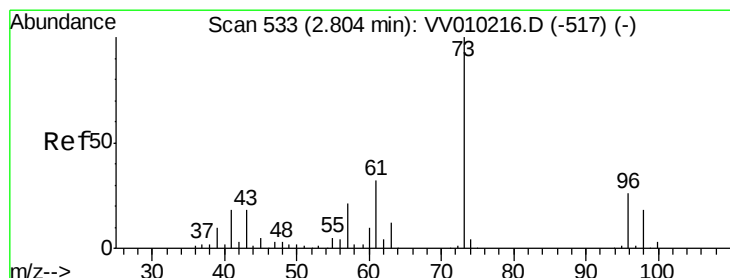
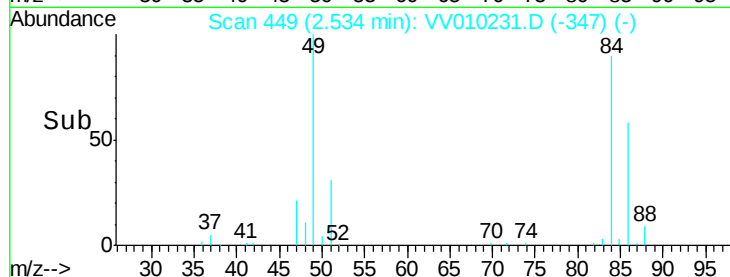
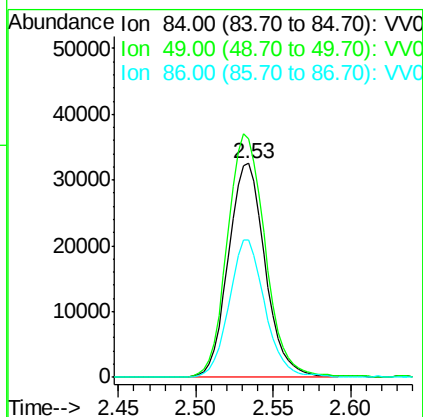
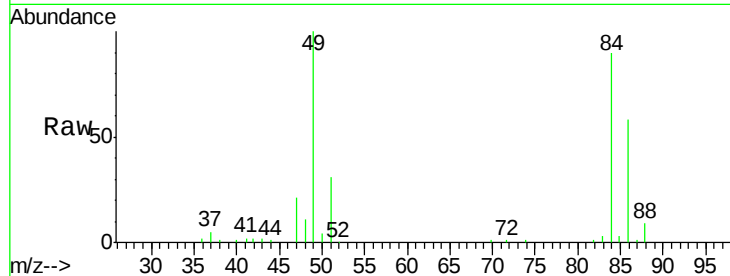
2.40 2.45 2.50





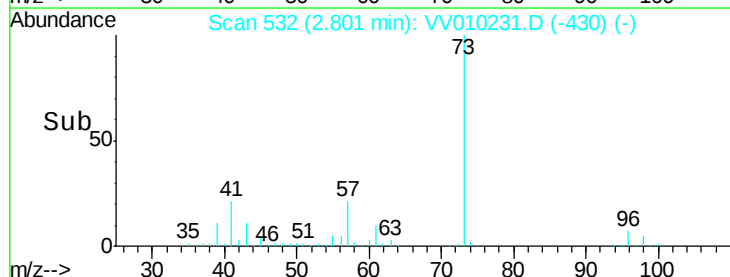
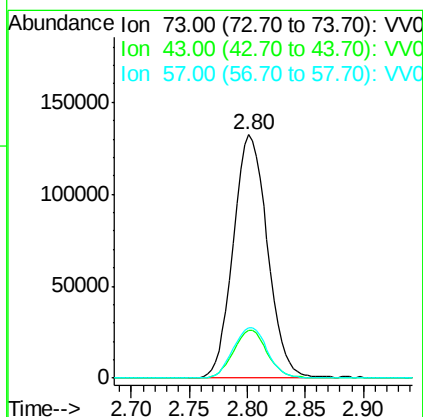
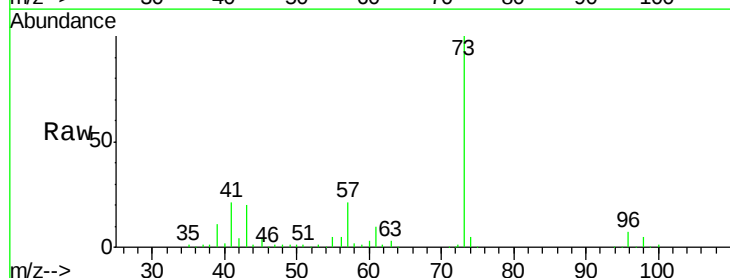
#16
Methylene chloride
Concen: 10.139 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010231.D
Acq: 11 Apr 2019 00:53

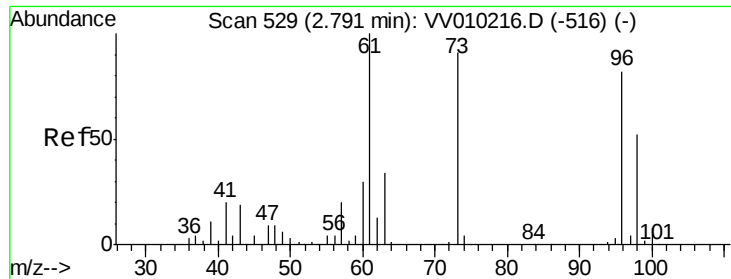
Tot Ion: 84 Resp: 53735
Ion Ratio Lower Upper
84 100
49 111.4 79.9 148.5
86 64.4 44.5 82.7



#17
Methyl tert-butyl Ether
Concen: 35.128 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV010231.D
Acq: 11 Apr 2019 00:53

Tgt Ion: 73 Resp: 271418
Ion Ratio Lower Upper
73 100
43 19.4 16.0 24.0
57 20.7 16.6 24.8





#18

trans-1,2-Dichloroethene

Concen: 9.785 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

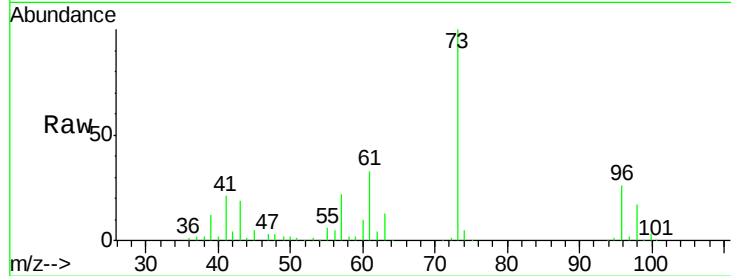
Tot Ion: 96 Resp: 33197

Ion Ratio Lower Upper

96 100

61 129.2 92.5 171.9

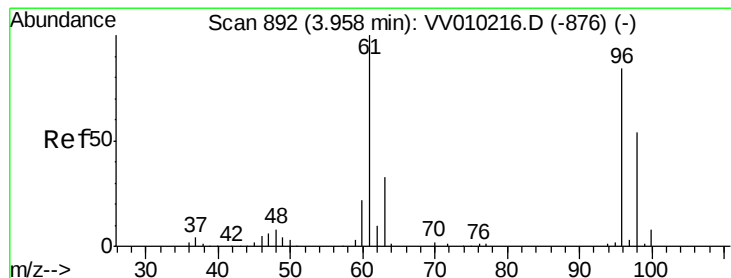
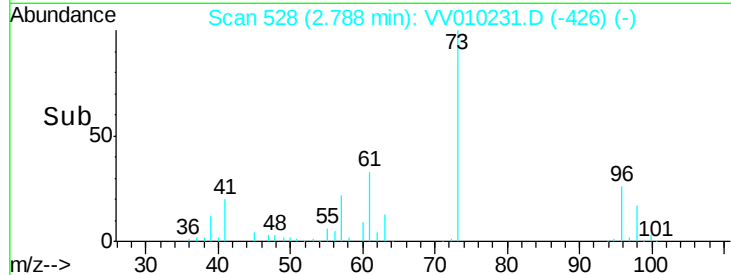
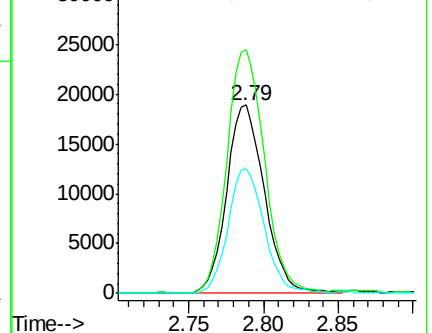
98 66.1 47.9 89.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 26.329 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

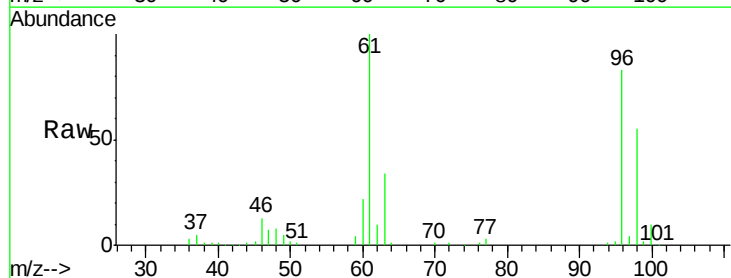
Tgt Ion: 96 Resp: 97191

Ion Ratio Lower Upper

96 100

61 120.6 84.9 157.7

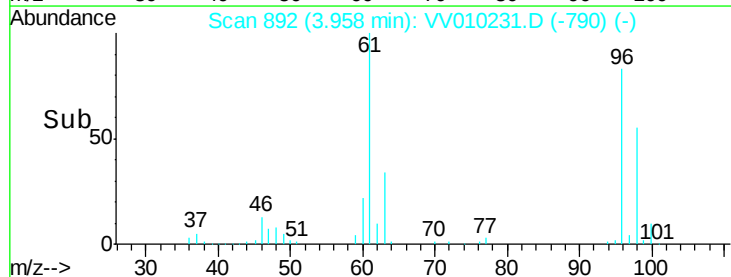
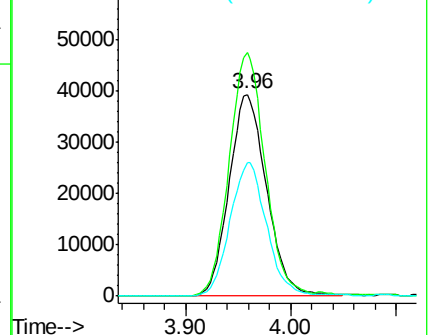
98 66.1 47.0 87.4

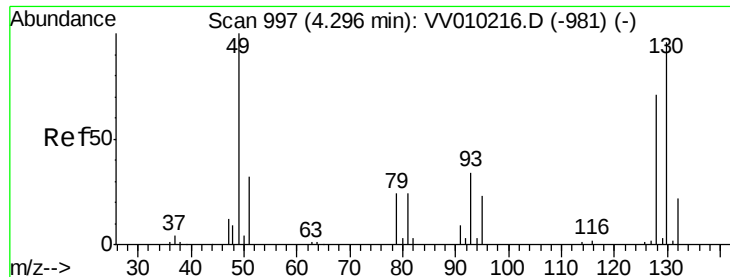


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#23

Bromochloromethane

Concen: 15.956 ug/L

RT: 4.29 min Scan# 995

Delta R.T. -0.01 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

Tot Ion:128 Resp: 29003

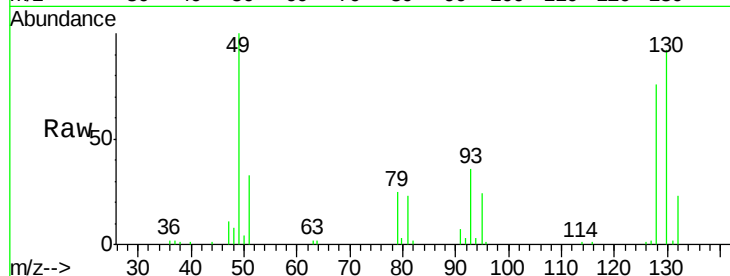
Ion Ratio Lower Upper

128 100

49 131.0 93.4 173.4

130 120.3 84.5 156.9

51 43.7 32.5 48.7

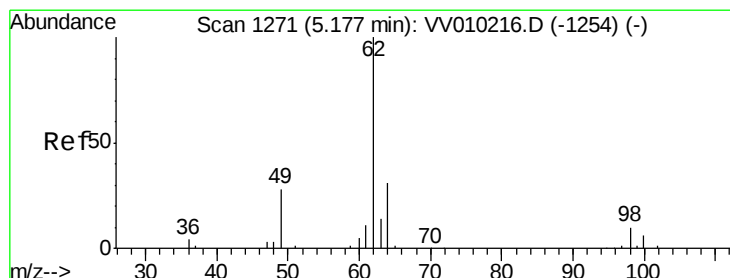
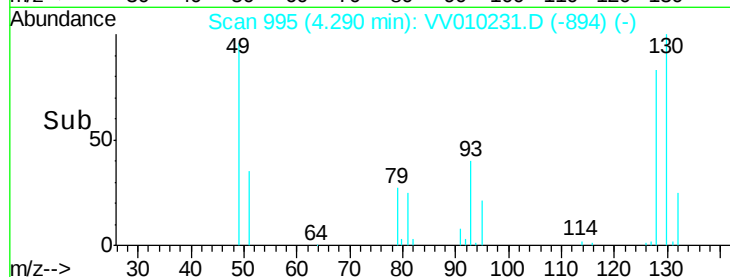
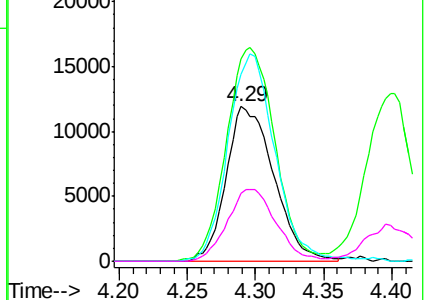


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#27

1,2-Dichloroethane

Concen: 10.763 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV010231.D

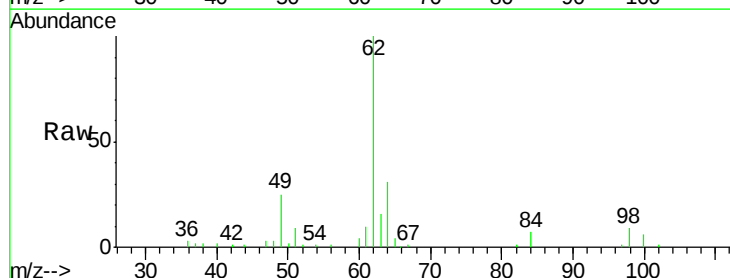
Acq: 11 Apr 2019 00:53

Tgt Ion: 62 Resp: 45660

Ion Ratio Lower Upper

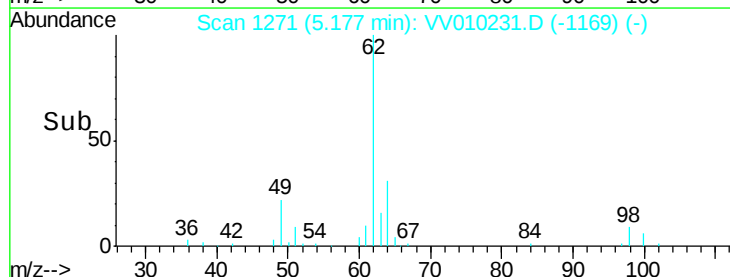
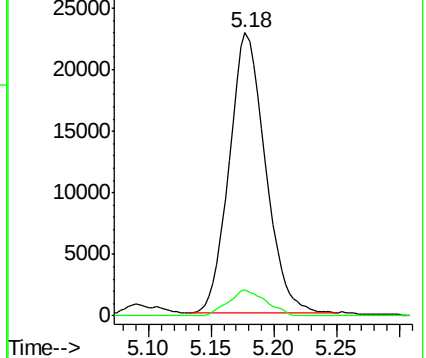
62 100

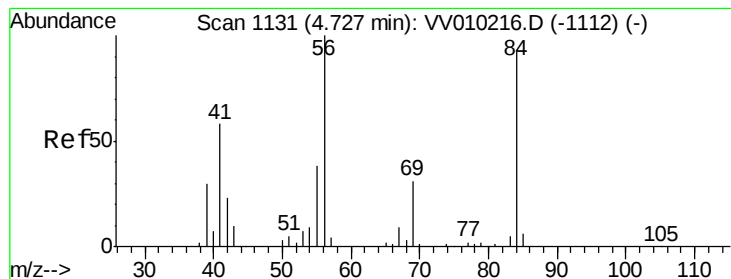
98 9.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#30

Cyclohexane

Concen: 7.998 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

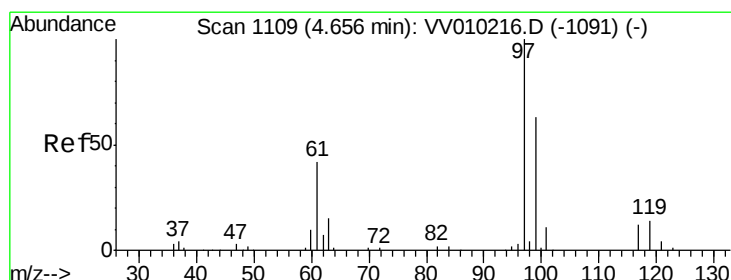
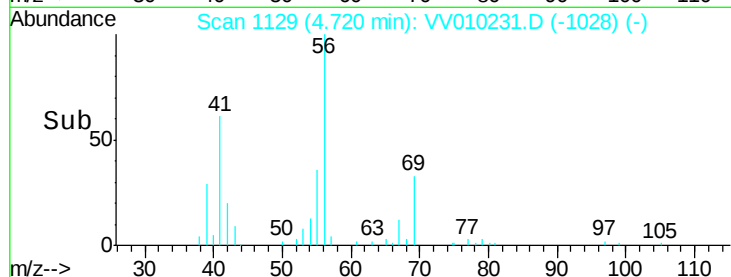
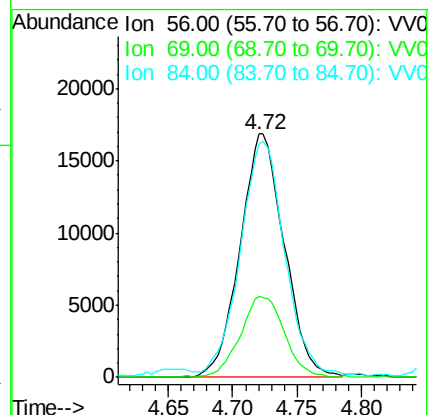
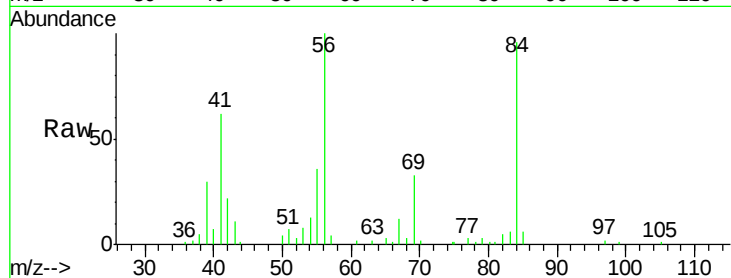
Tot Ion: 56 Resp: 40357

Ion Ratio Lower Upper

56 100

69 33.0 25.7 38.5

84 96.3 77.5 116.3



#31

1,1,1-Trichloroethane

Concen: 9.362 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

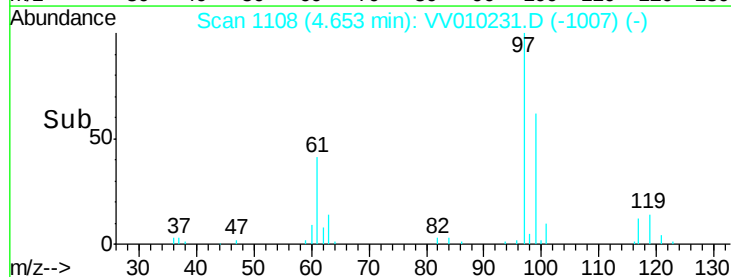
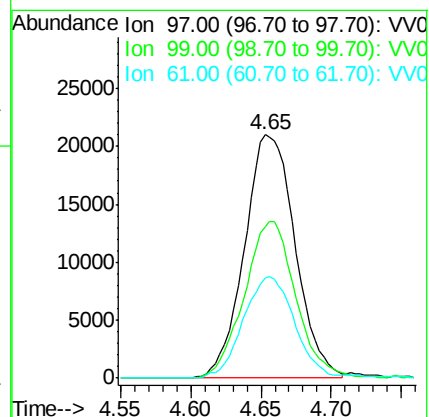
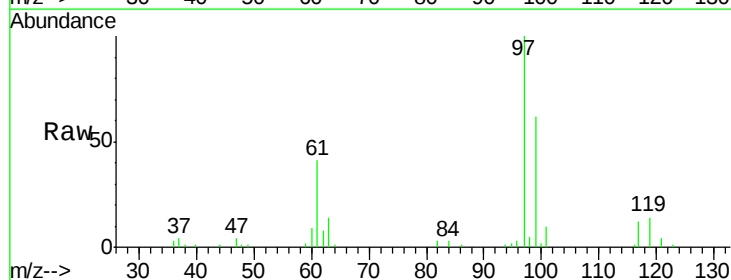
Tgt Ion: 97 Resp: 52770

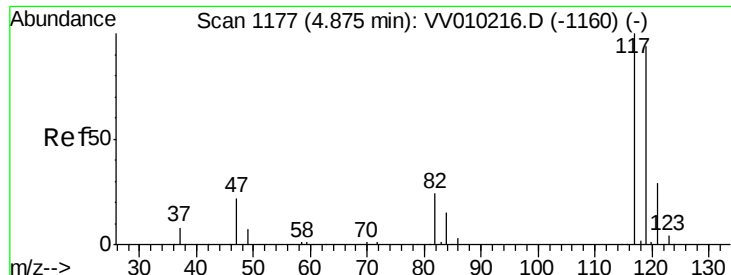
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 41.9 33.4 50.0





#32

Carbon tetrachloride

Concen: 10.341 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV010231.D

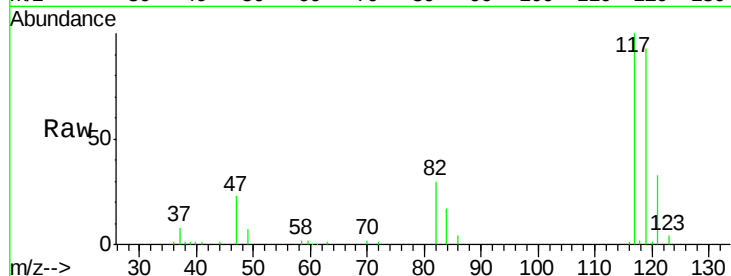
Acq: 11 Apr 2019 00:53

Tot Ion:117 Resp: 54317

Ion Ratio Lower Upper

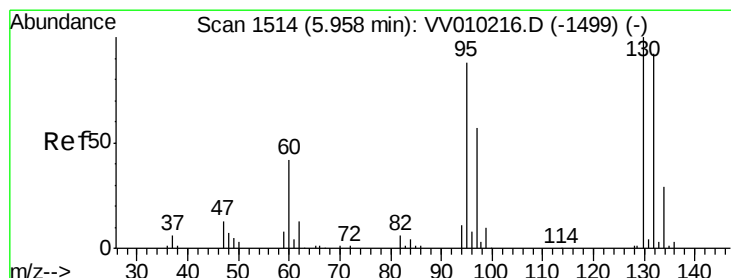
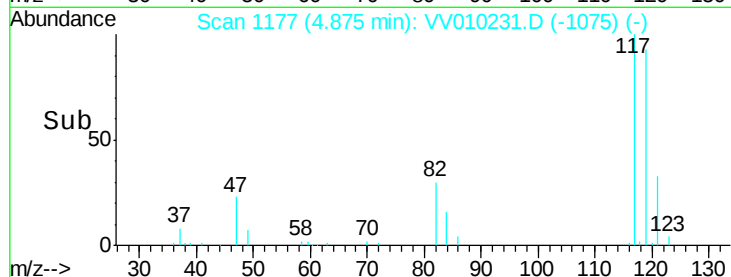
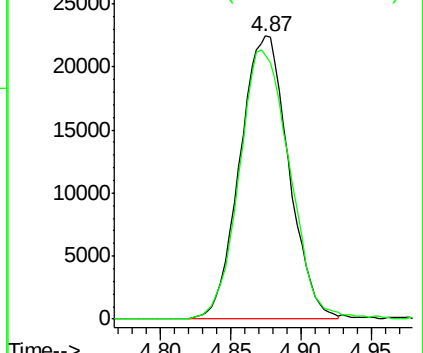
117 100

119 98.1 77.6 116.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 36.867 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

Tgt Ion: 95 Resp: 145497

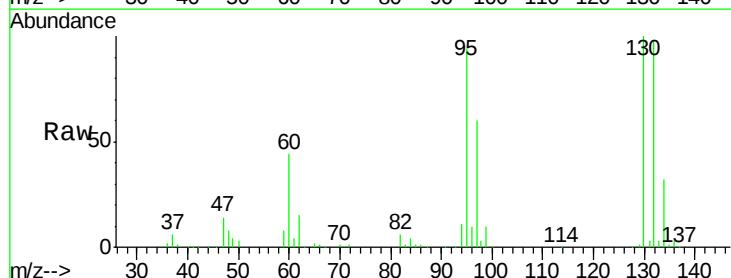
Ion Ratio Lower Upper

95 100

97 64.4 44.3 82.3

132 103.2 71.3 132.3

130 108.2 73.4 136.4

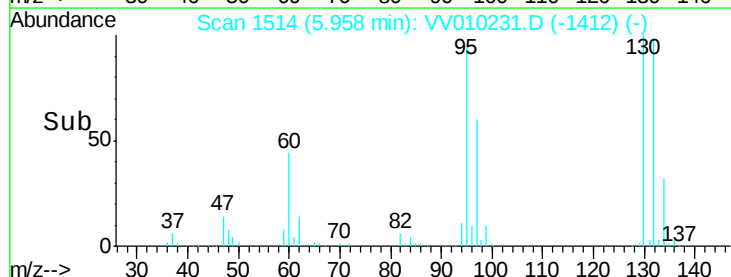
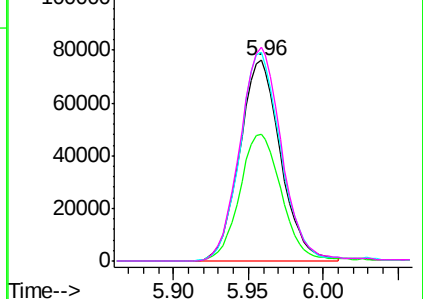


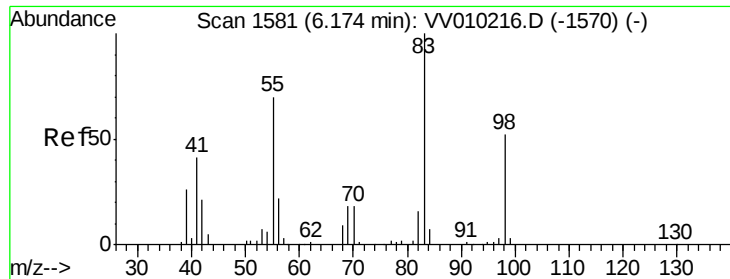
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

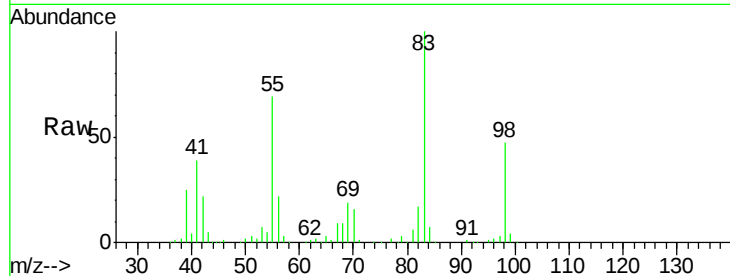
Ion 130.00 (129.70 to 130.70): V



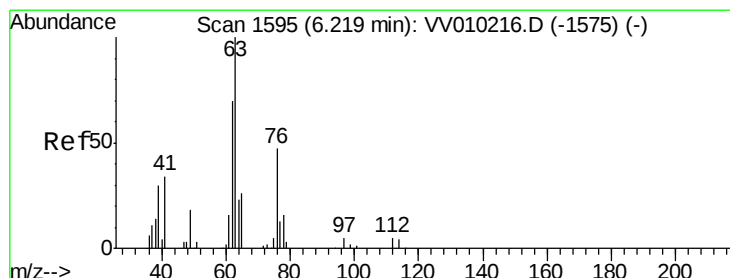
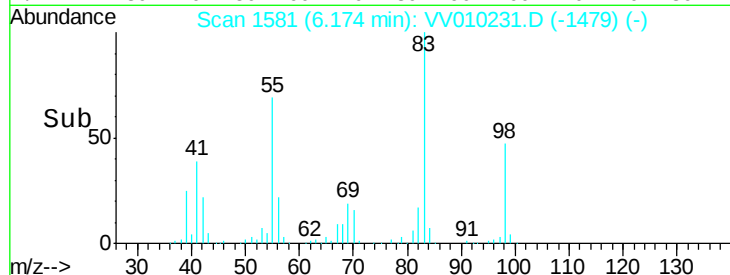
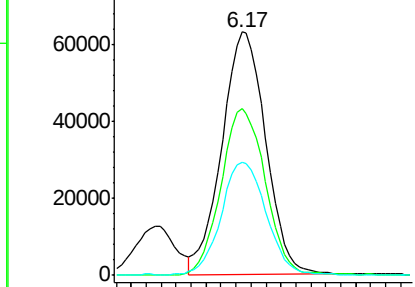


#36
Methvlcvclohexane
Concen: 21.768 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV010231.D
Acq: 11 Apr 2019 00:53

Tot Ion: 83 Resp: 128368
Ion Ratio Lower Upper
83 100
55 68.7 55.7 83.5
98 47.8 39.4 59.2

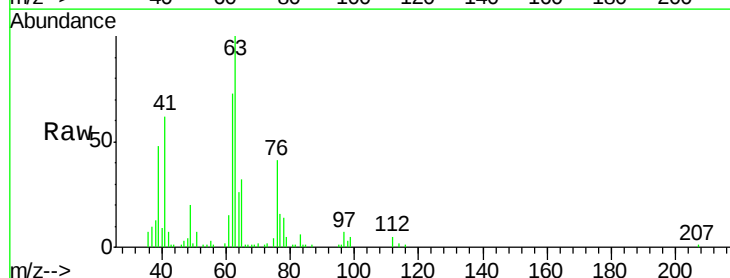


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

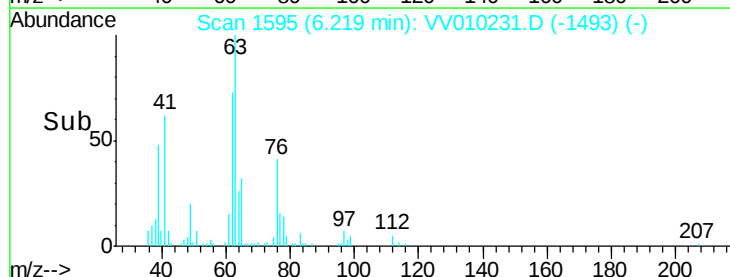
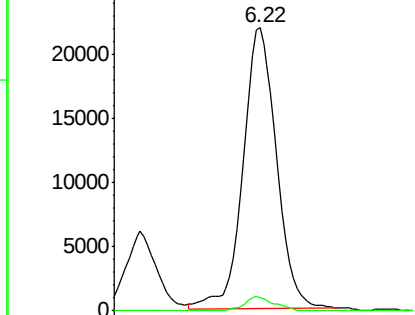


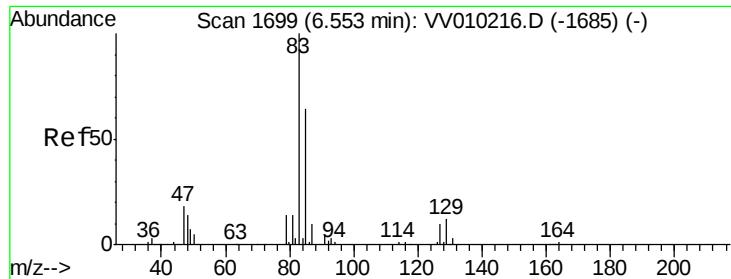
#40
1,2-Dichloropropane
Concen: 13.238 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV010231.D
Acq: 11 Apr 2019 00:53

Tgt Ion: 63 Resp: 44245
Ion Ratio Lower Upper
63 100
112 4.5 4.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 20.136 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

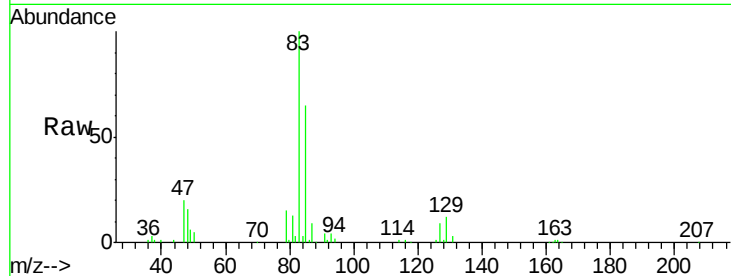
Tot Ion: 83 Resp: 89673

Ion Ratio Lower Upper

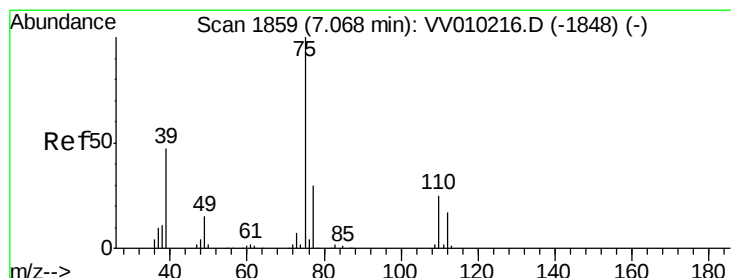
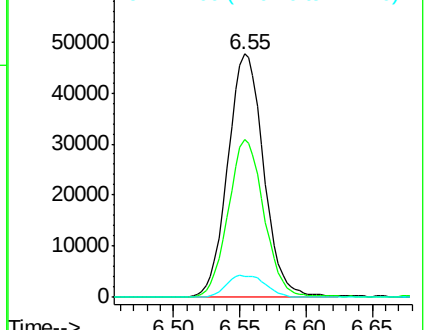
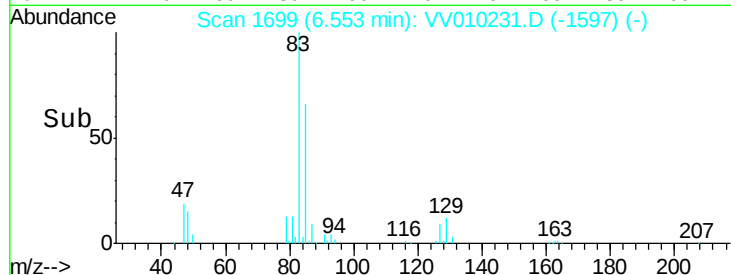
83 100

85 65.0 45.7 84.9

127 8.8 8.2 12.2



Abundance Ion 83.00 (82.70 to 83.70): VV010231.D (-1597) (-)



#42

cis-1,3-Dichloropropene

Concen: 16.650 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV010231.D

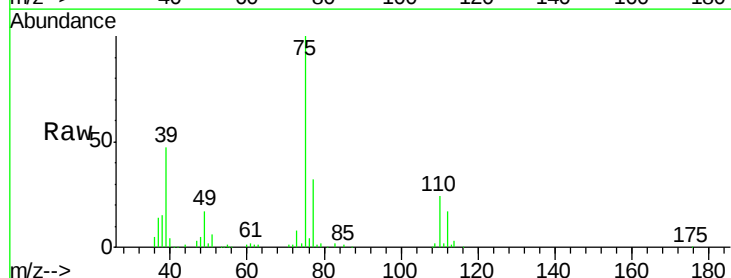
Acq: 11 Apr 2019 00:53

Tgt Ion: 75 Resp: 84329

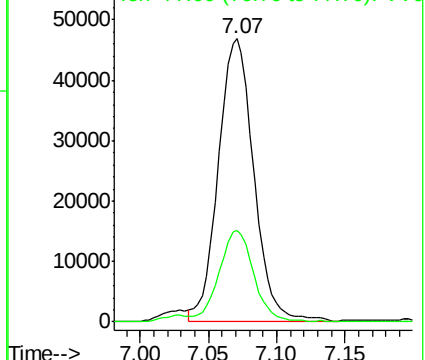
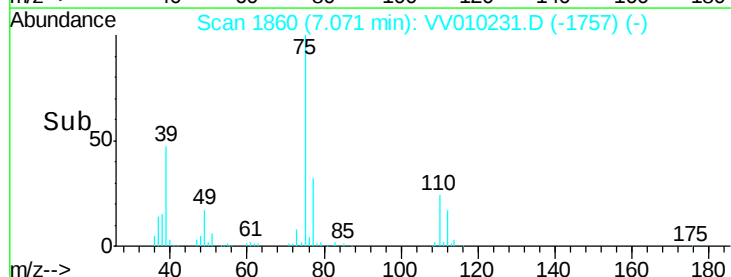
Ion Ratio Lower Upper

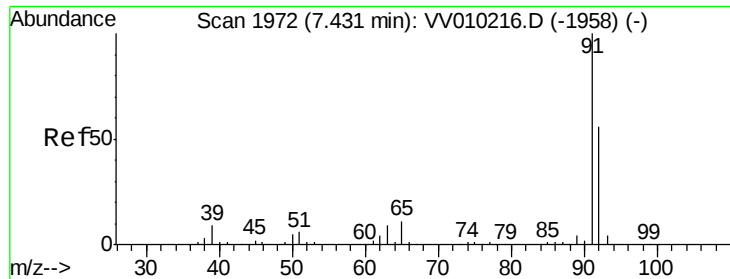
75 100

77 32.4 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV010231.D (-1757) (-)





#44

Toluene

Concen: 19.583 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010231.D

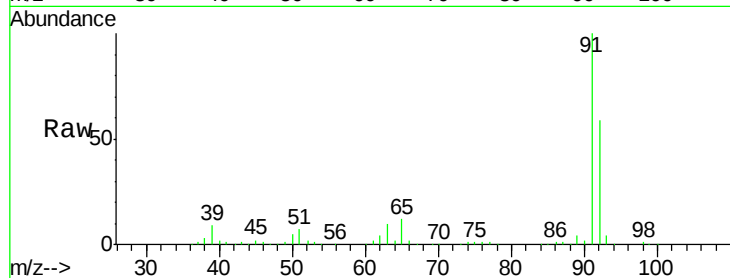
Acq: 11 Apr 2019 00:53

Tot Ion: 91 Resp: 300712

Ion Ratio Lower Upper

91 100

92 58.9 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

200000

150000

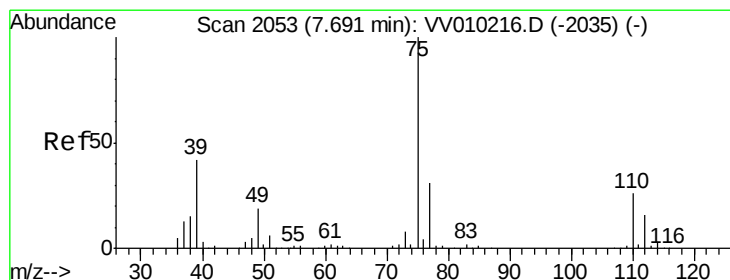
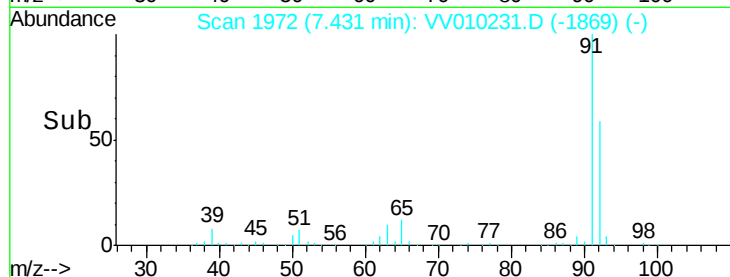
100000

50000

0

7.35 7.40 7.45 7.50

Time-->



#45

trans-1,3-Dichloropropene

Concen: 8.746 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV010231.D

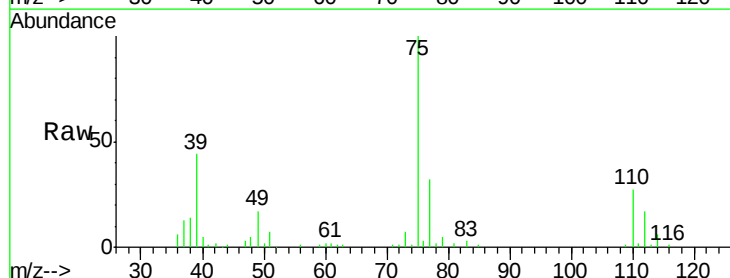
Acq: 11 Apr 2019 00:53

Tgt Ion: 75 Resp: 37175

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

20000

15000

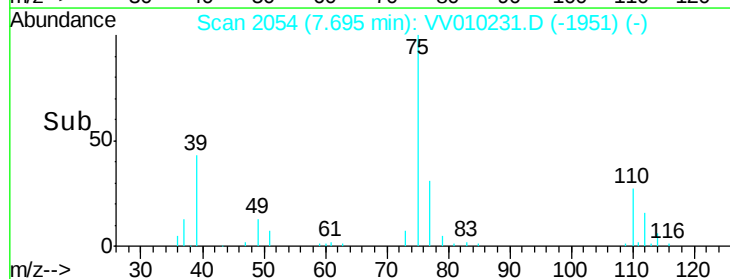
10000

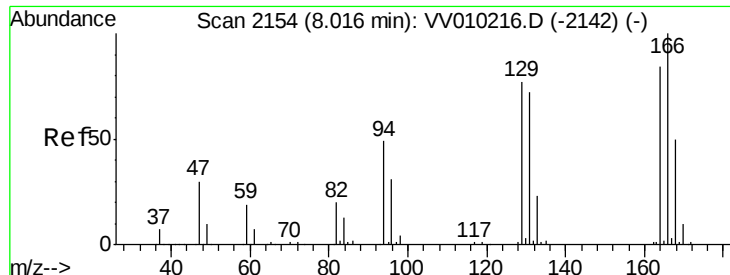
5000

0

7.60 7.65 7.70 7.75

Time-->





#47

Tetrachloroethene

Concen: 34.302 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

Tot Ion:164 Resp: 120008

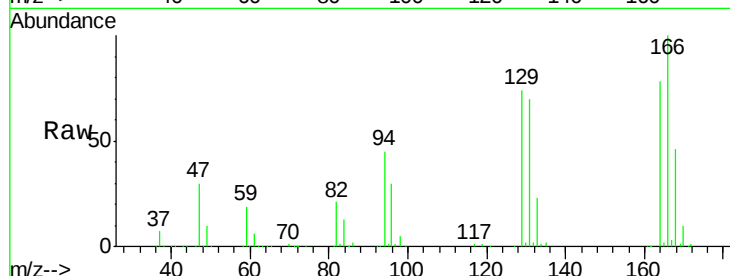
Ion Ratio Lower Upper

164 100

129 95.3 62.6 116.2

131 90.7 60.0 111.4

166 128.7 87.4 162.2

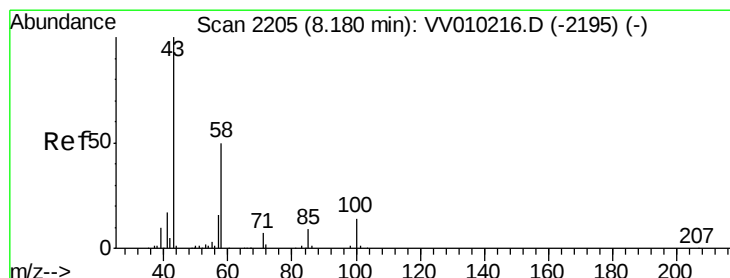
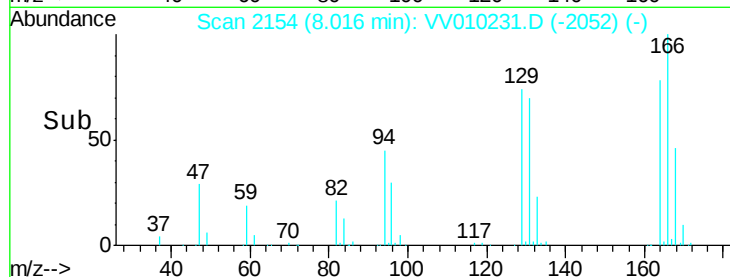
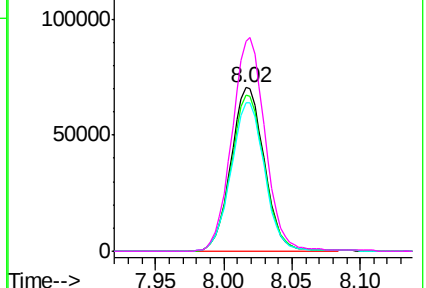


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 36.753 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

Tgt Ion: 43 Resp: 52272

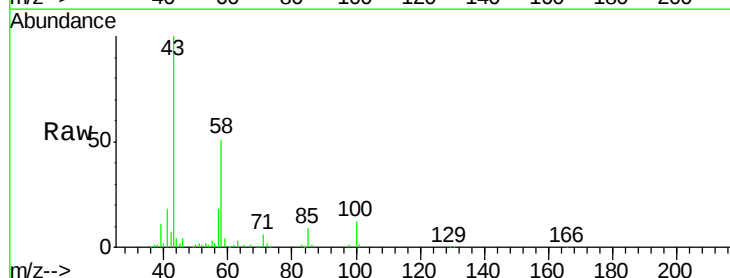
Ion Ratio Lower Upper

43 100

58 52.8 42.8 64.2

57 18.7 16.2 24.4

100 12.2 11.1 16.7

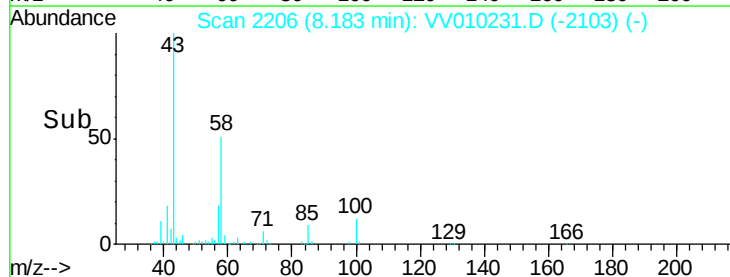
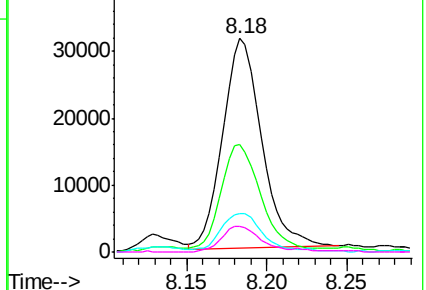


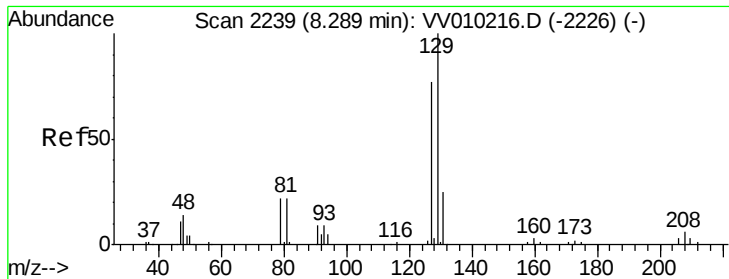
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#50

Dibromochloromethane

Concen: 19.857 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV010231.D

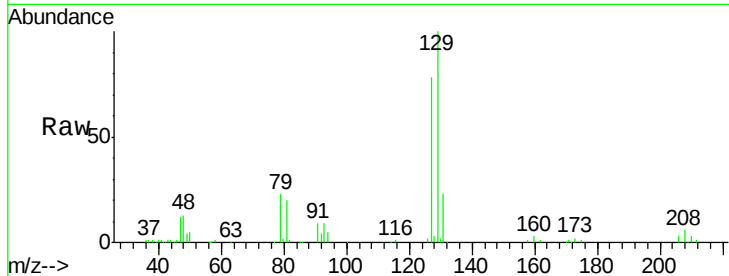
Acq: 11 Apr 2019 00:53

Tot Ion:129 Resp: 68866

Ion Ratio Lower Upper

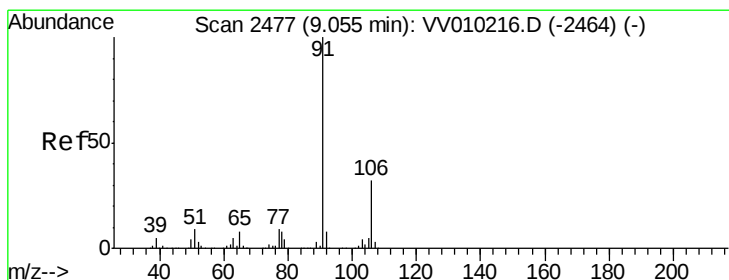
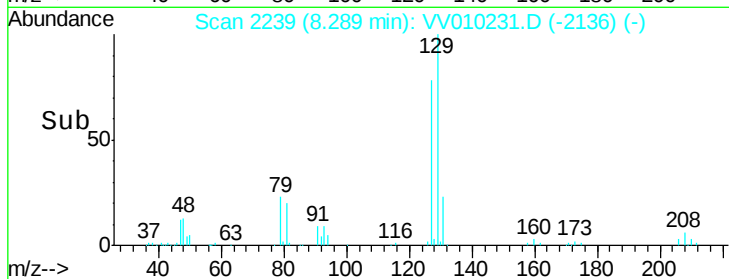
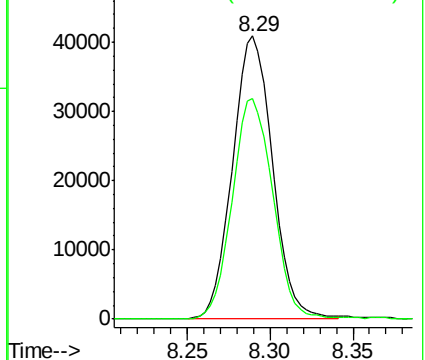
129 100

127 77.9 52.8 98.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 13.966 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV010231.D

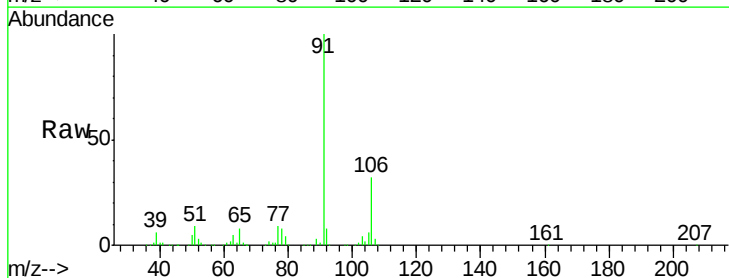
Acq: 11 Apr 2019 00:53

Tgt Ion: 91 Resp: 236486

Ion Ratio Lower Upper

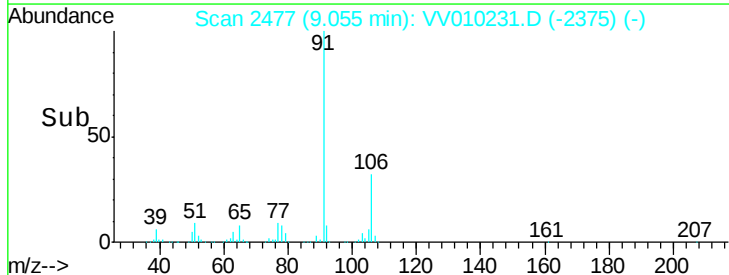
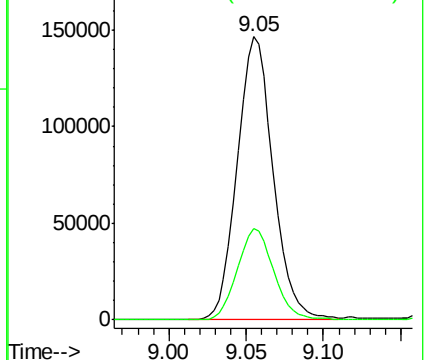
91 100

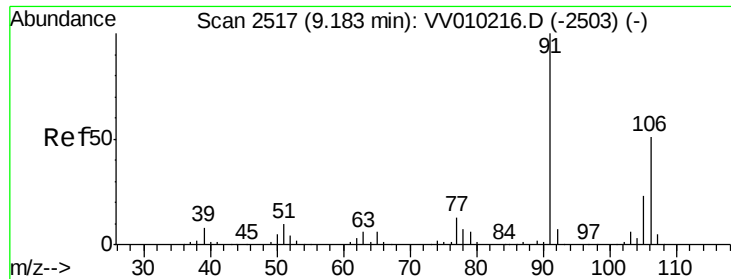
106 32.1 22.5 41.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 9.052 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV010231.D

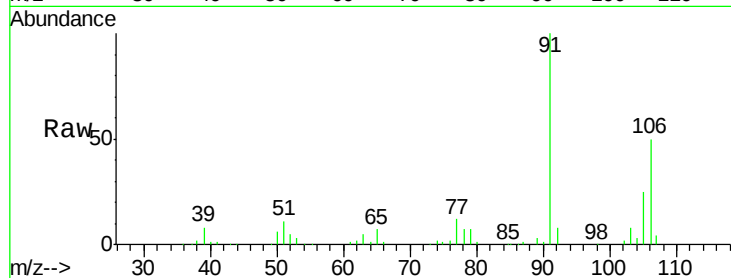
Acq: 11 Apr 2019 00:53

Tot Ion:106 Resp: 60465

Ion Ratio Lower Upper

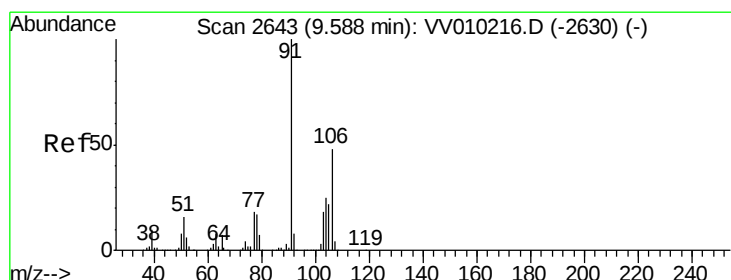
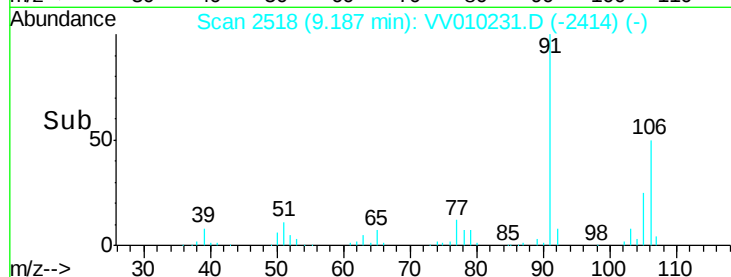
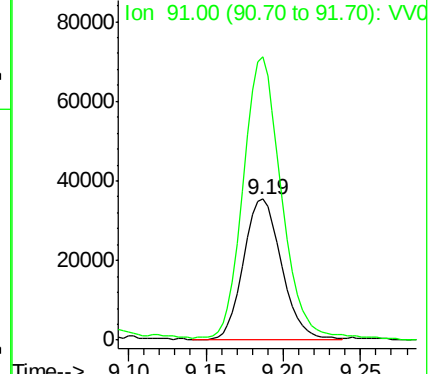
106 100

91 200.6 136.6 253.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 11.593 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV010231.D

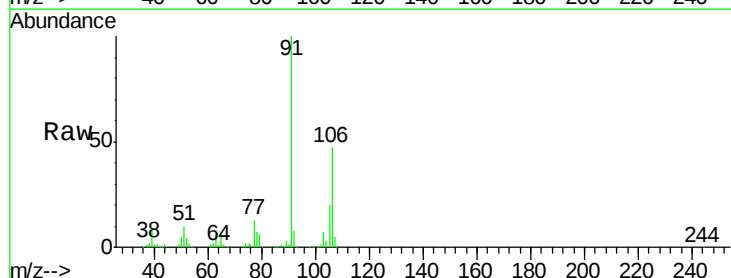
Acq: 11 Apr 2019 00:53

Tgt Ion:106 Resp: 77114

Ion Ratio Lower Upper

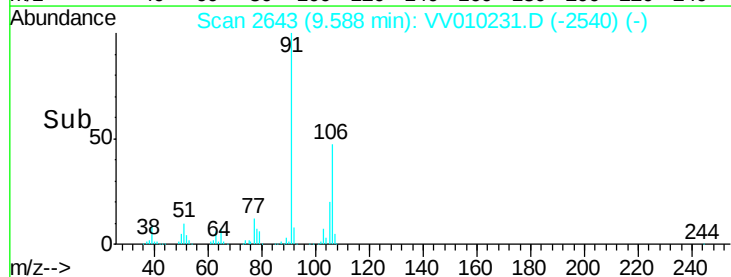
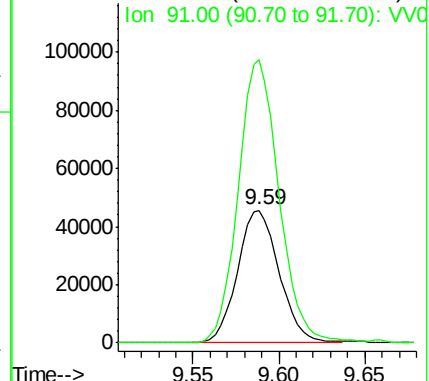
106 100

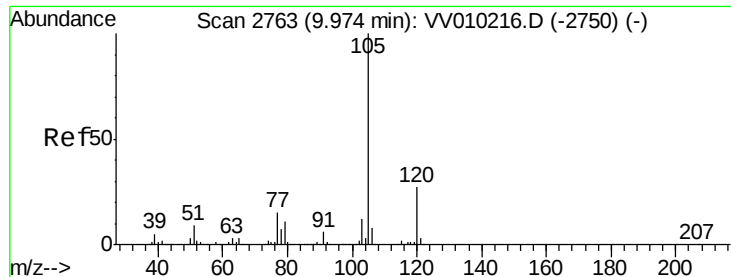
91 213.7 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#57

Isopropylbenzene

Concen: 11.485 ug/L

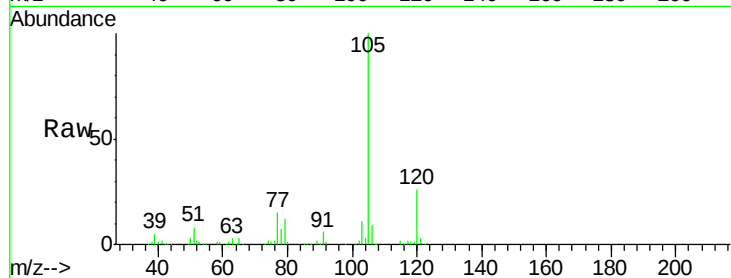
RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

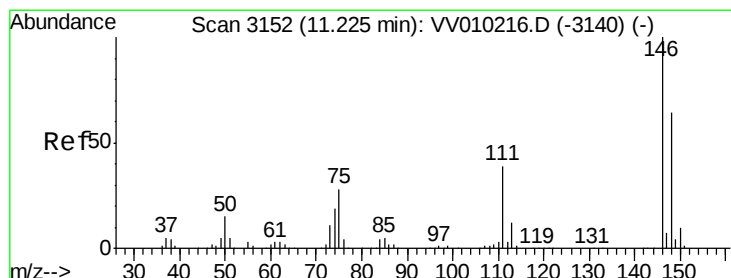
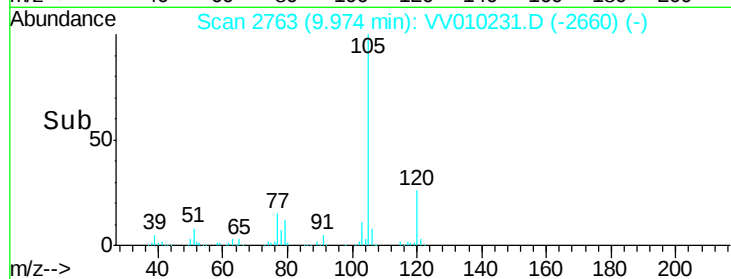
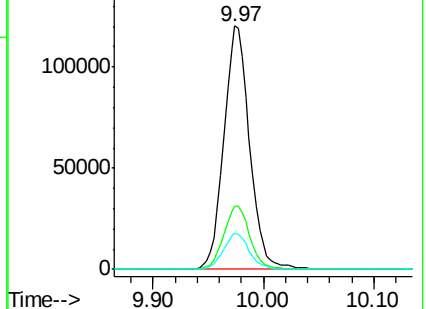
Tot Ion:	105	Resp:	194171
Ion	Ratio	Lower	Upper
105	100		
120	26.4	22.2	33.2
77	14.7	12.2	18.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,3-Dichlorobenzene

Concen: 20.122 ug/L

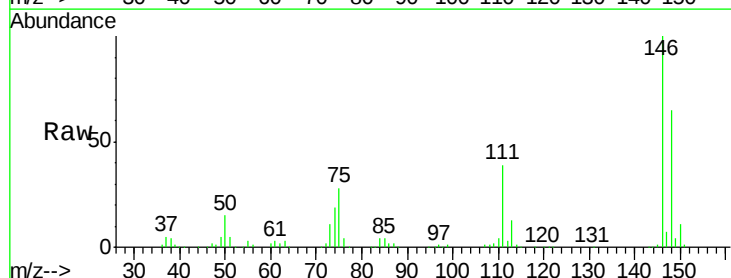
RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

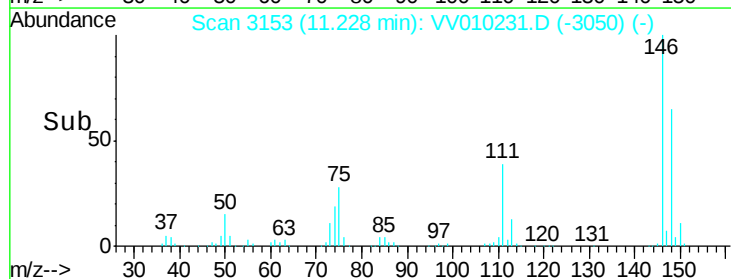
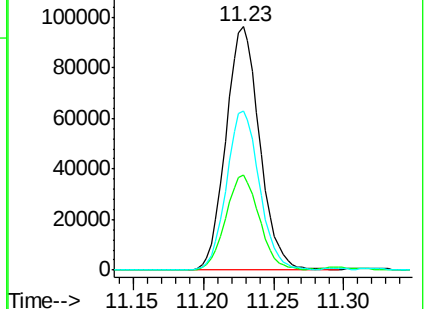
Tgt Ion:	146	Resp:	161426
Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.2	48.8
148	65.5	43.2	80.2

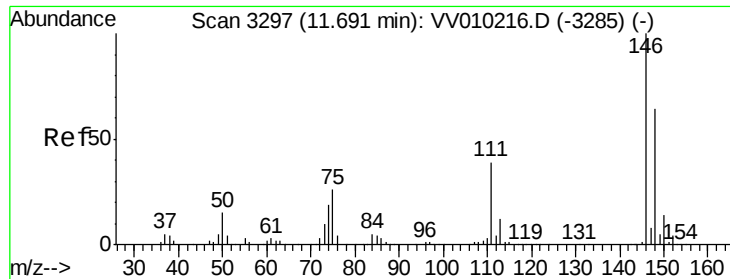


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.136 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

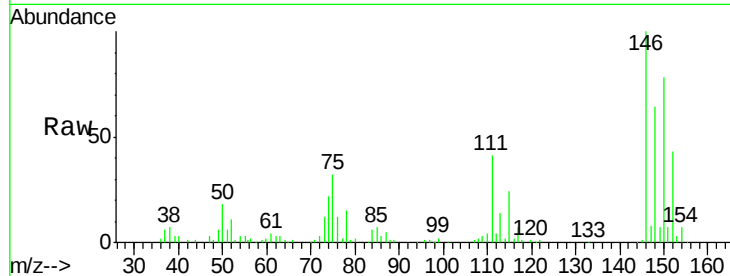
Tot Ion:146 Resp: 77620

Ion Ratio Lower Upper

146 100

111 41.2 32.5 48.7

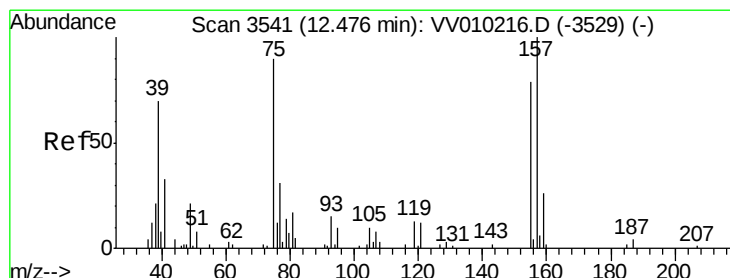
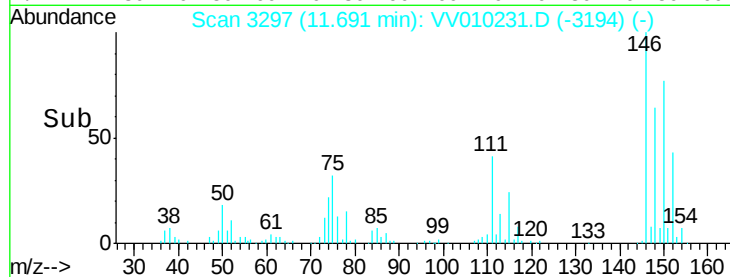
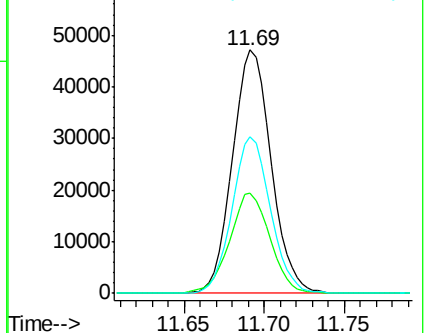
148 64.3 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 19.739 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. -0.00 min

Lab File: VV010231.D

Acq: 11 Apr 2019 00:53

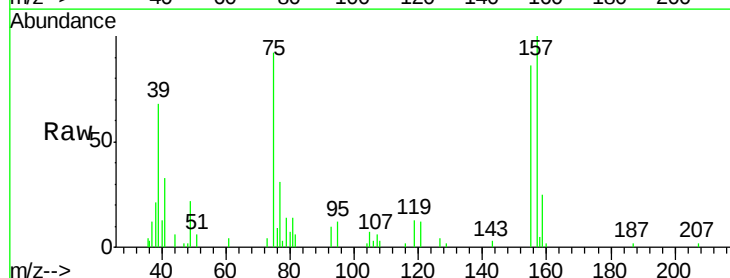
Tgt Ion: 75 Resp: 8551

Ion Ratio Lower Upper

75 100

157 108.7 97.4 146.2

155 93.4 72.5 108.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

