

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122318\
 Data File : VW007838.D
 Acq On : 22 Dec 2018 12:42
 Operator : SY/AP
 Sample : J6426-19
 Misc : 3.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Quant Time: Dec 23 23:50:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	40295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7130	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	20165	92.98	ug/l	0.00
Spiked Amount			Recovery	=	185.96%	
35) Dibromofluoromethane	7.89	113	14414	58.64	ug/l	0.00
Spiked Amount			Recovery	=	117.28%	
50) Toluene-d8	10.32	98	31354	33.83	ug/l	0.00
Spiked Amount			Recovery	=	67.66%	
62) 4-Bromofluorobenzene	12.62	95	8200	22.90	ug/l	0.00
Spiked Amount			Recovery	=	45.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	20	1.367	ug/l #	73
16) Acetone	4.12	43	23461	577.689	ug/l	93
18) Methyl Acetate	4.67	43	2125	22.002	ug/l #	84
20) Methylene Chloride	4.92	84	6644	30.219	ug/l	93
25) 2-Butanone	7.18	43	2228	46.838	ug/l #	61
26) 2,2-Dichloropropane	7.13	77	738	2.860	ug/l #	53
31) Cyclohexane	7.95	56	419	1.298	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	1536	3.949	ug/l #	44
37) Ethyl Acetate	7.27	43	203	1.512	ug/l #	68
38) Carbon Tetrachloride	7.95	117	2084	4.550	ug/l #	11
51) 4-Methyl-2-Pentanone	10.21	43	391	3.077	ug/l	91
52) Toluene	10.39	92	121653	174.711	ug/l	99
55) 1,1,2-Trichloroethane	10.77	97	425	2.175	ug/l #	54
59) 2-Hexanone	11.16	43	133	1.488	ug/l	66
60) Dibromochloromethane	11.13	129	661	2.555	ug/l #	25
61) 1,2-Dibromoethane	11.21	107	219	1.107	ug/l	97
67) Ethyl Benzene	11.73	91	21636	23.457	ug/l	99
68) m/p-Xylenes	11.84	106	50952	142.403	ug/l	98
69) o-Xylene	12.17	106	18518	55.213	ug/l	99
70) Styrene	12.18	104	1547	2.806	ug/l #	1
71) Bromoform	12.35	173	689	6.910	ug/l #	80
73) Isopropylbenzene	12.47	105	9131	16.942	ug/l	85
75) 1,1,2,2-Tetrachloroethane	12.70	83	7191	88.990	ug/l #	31
76) 1,2,3-Trichloropropane	12.82	75	344	6.242	ug/l #	100
77) Bromobenzene	12.93	156	120844	978.387	ug/l #	1
78) n-propylbenzene	12.81	91	26140	41.666	ug/l	98
79) 2-Chlorotoluene	12.87	91	17024	46.581	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	174056	374.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.46	75	1066	40.604	ug/l #	28
82) 4-Chlorotoluene	12.95	91	18757	48.201	ug/l #	42
83) tert-Butylbenzene	13.26	119	75132	184.193	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.26	105	582204	1241.130	ug/l	100
85) sec-Butylbenzene	13.26	105	582204	1035.660	ug/l #	56
86) p-Isopropyltoluene	13.44	119	12682	24.809	ug/l	88

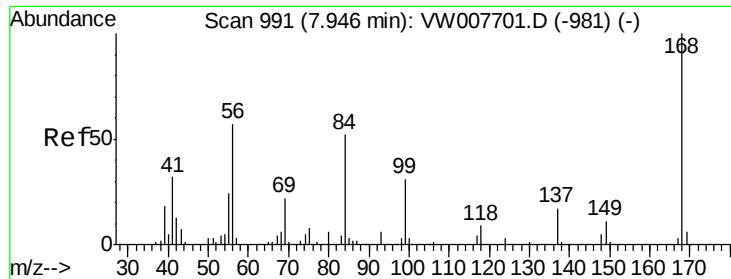
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.50	146	764	3.115	ug/l	89
88) 1,4-Dichlorobenzene	13.58	146	2056	8.381	ug/l	90
89) n-Butylbenzene	13.79	91	7420	15.831	ug/l #	1
90) Hexachloroethane	14.10	117	4920	54.823	ug/l #	13
91) 1,2-Dichlorobenzene	13.88	146	502	2.286	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	14.46	75	565	34.047	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	1549	10.163	ug/l #	24
95) Naphthalene	15.37	128	42141	149.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	469	3.595	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

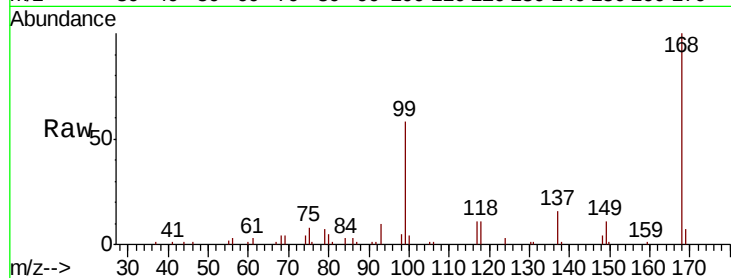
P001-SS020-0002-01

Tgt Ion:168 Resp: 19787

Ion Ratio Lower Upper

168 100

99 58.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

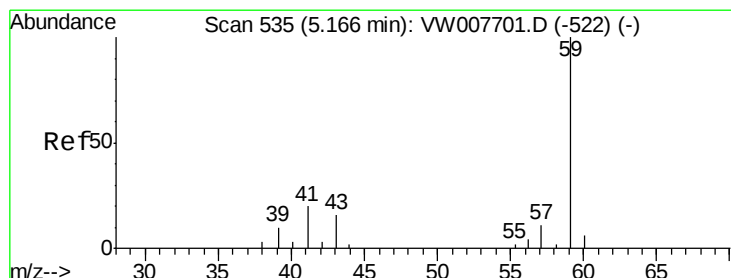
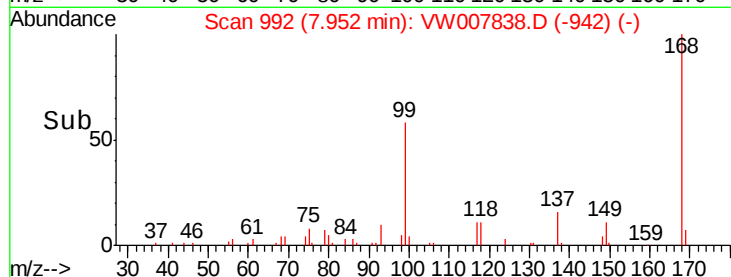
4000

2000

0

7.85 7.90 7.95 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.367 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW007838.D

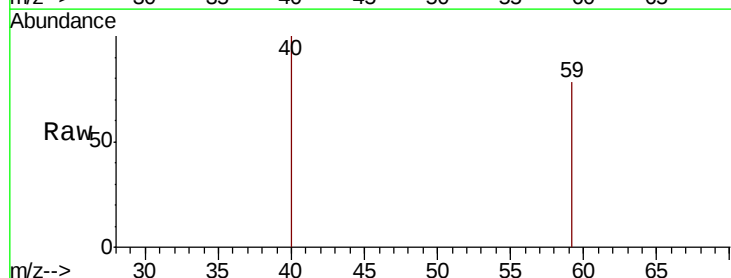
Acq: 22 Dec 2018 12:42

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

60

50

40

30

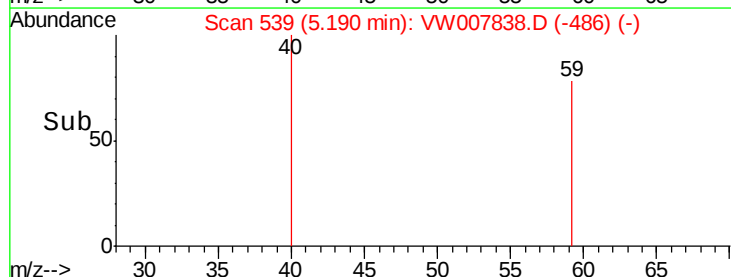
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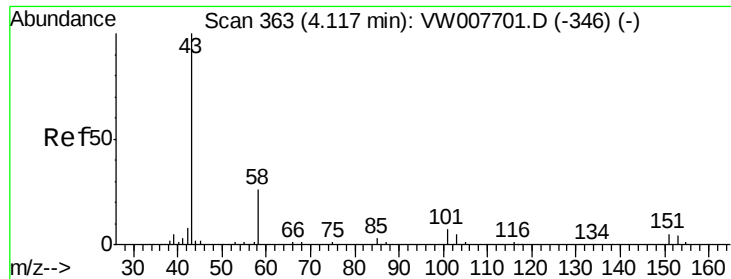
10

0

5.17 5.18 5.19 5.20 5.21

Time-->





#16

Acetone

Concen: 577.689 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

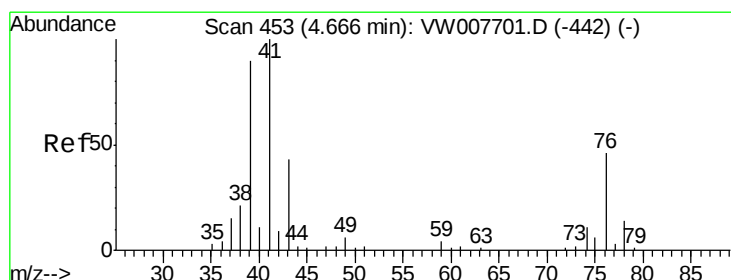
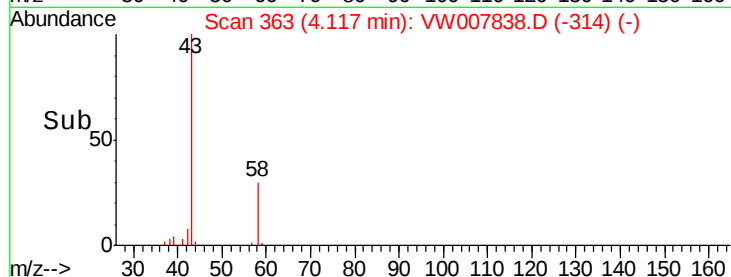
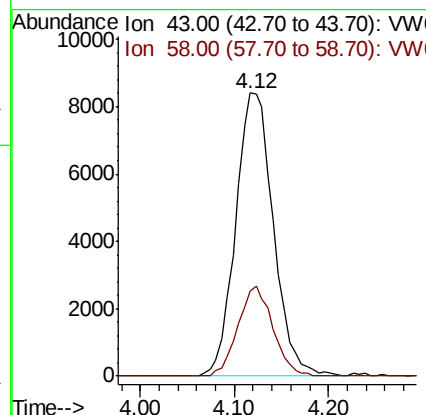
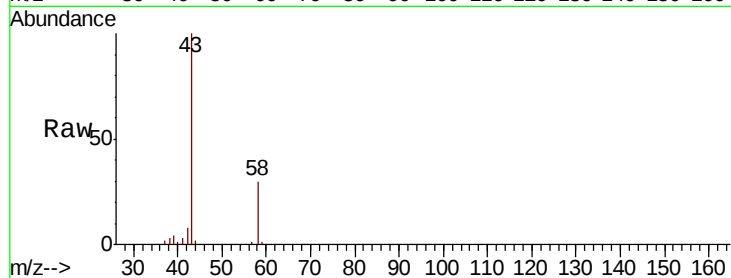
P001-SS020-0002-01

Tgt Ion: 43 Resp: 23461

Ion Ratio Lower Upper

43 100

58 30.2 21.2 31.8



#18

Methyl Acetate

Concen: 22.002 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007838.D

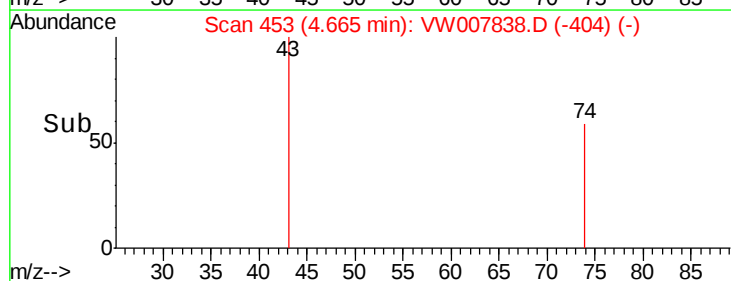
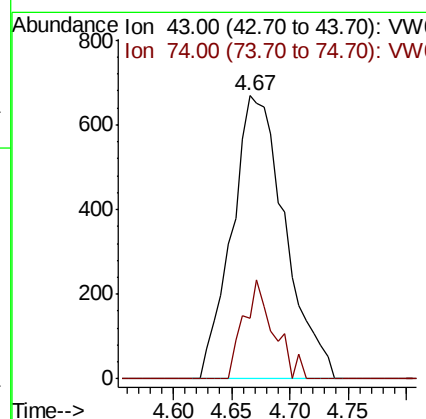
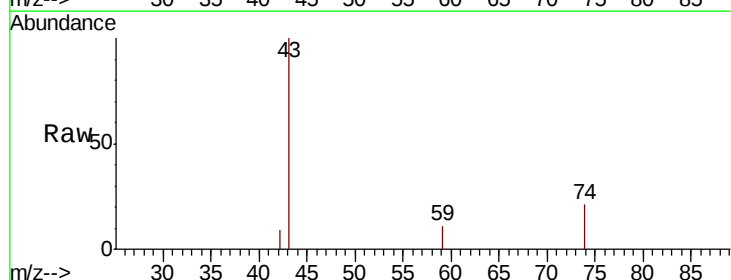
Acq: 22 Dec 2018 12:42

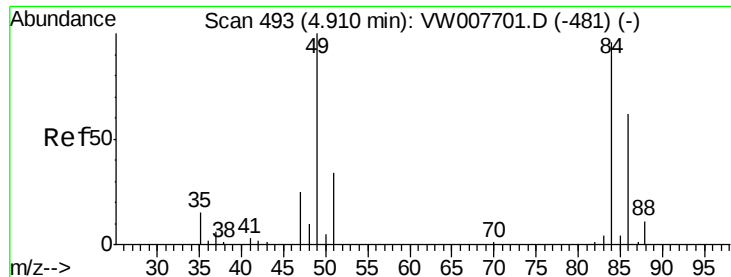
Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

43 100

74 19.9 22.7 34.1#

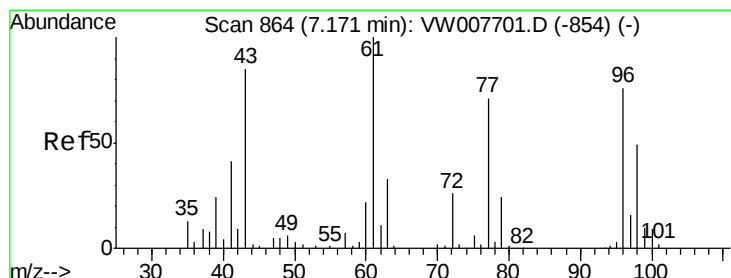
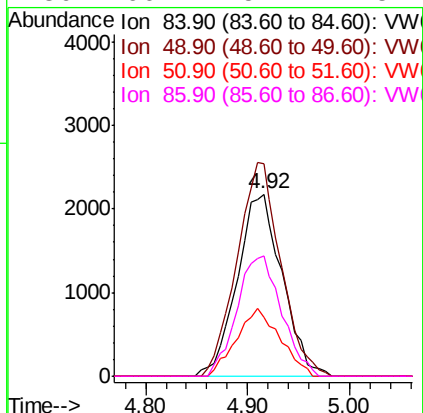
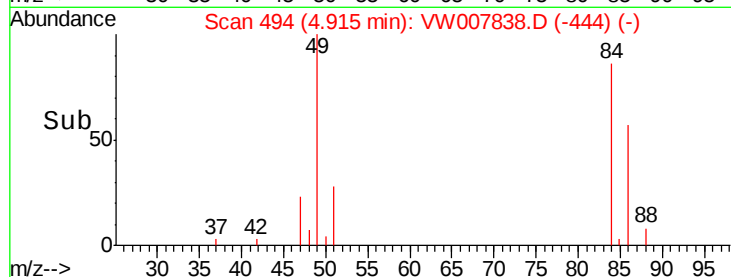
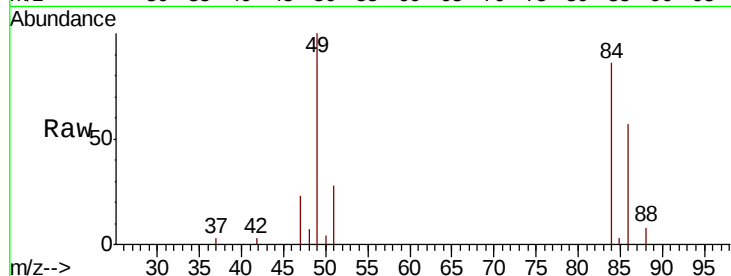




#20
Methylene Chloride
Concen: 30.219 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

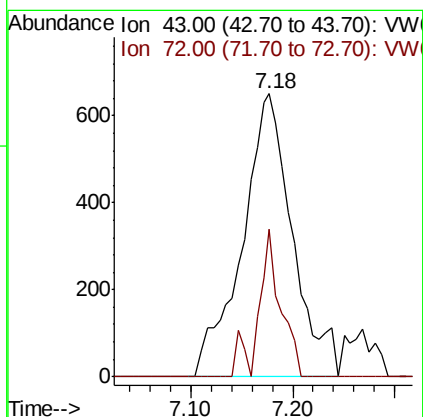
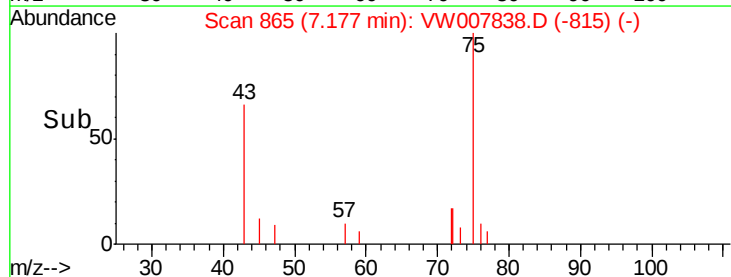
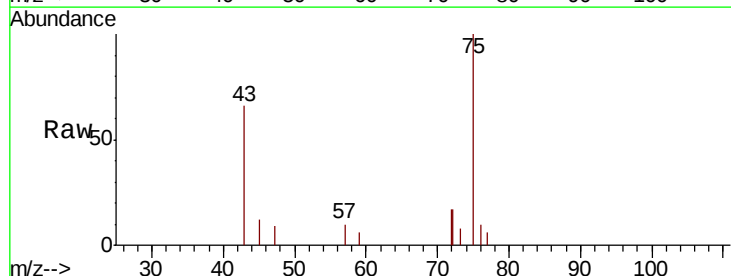
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P001-SS020-0002-01

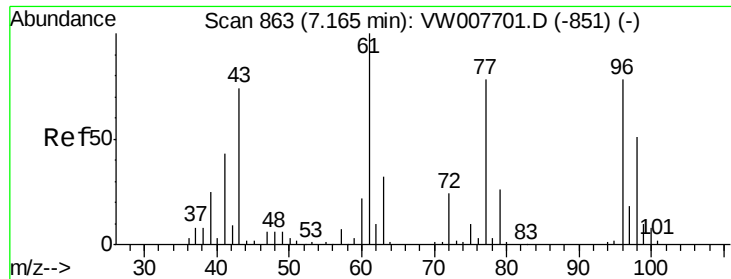
Tgt Ion: 84 Resp: 6644
Ion Ratio Lower Upper
84 100
49 116.7 83.7 125.5
51 32.3 28.2 42.2
86 66.2 52.2 78.2



#25
2-Butanone
Concen: 46.838 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
72 51.9 24.5 36.7#

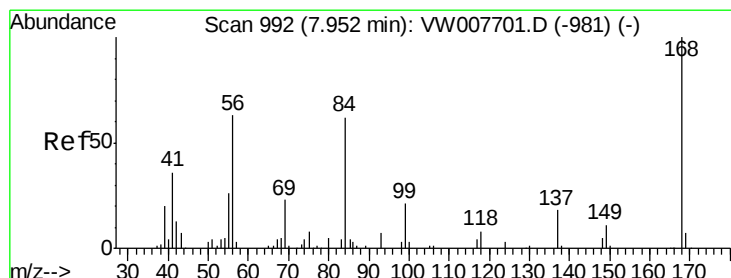
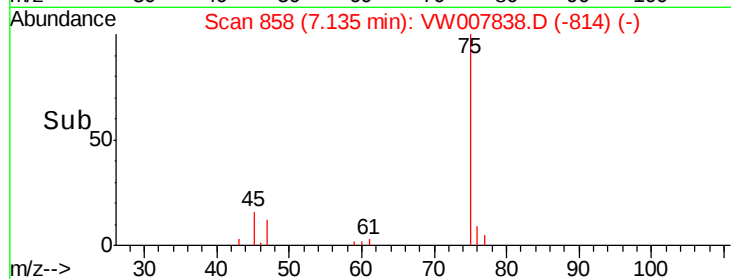
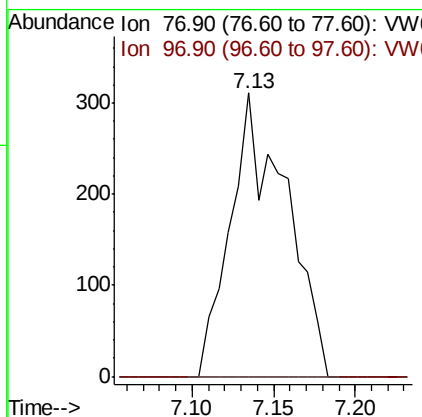
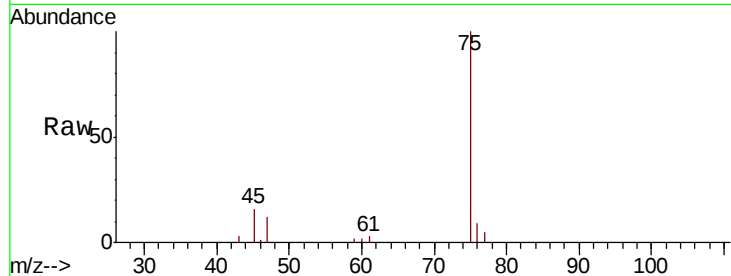




#26
 2,2-Dichloropropane
 Concen: 2.860 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

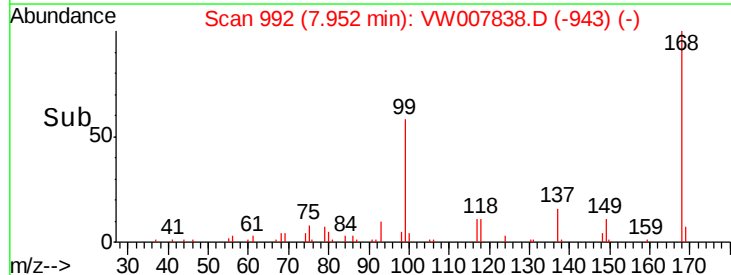
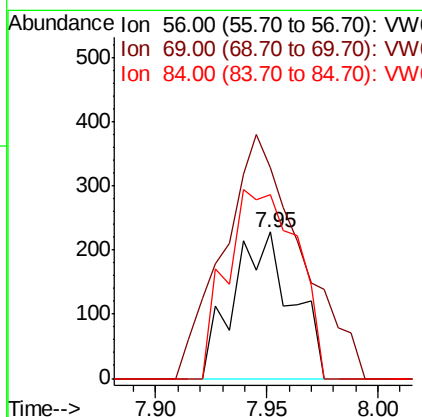
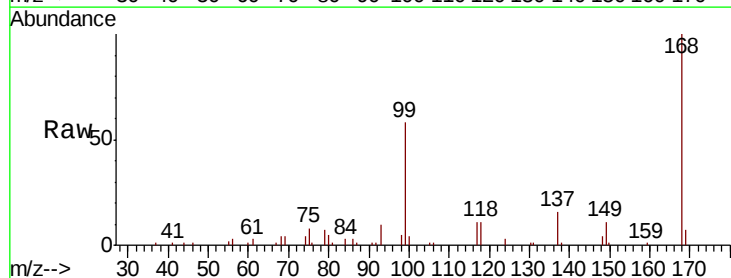
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 P001-SS020-0002-01

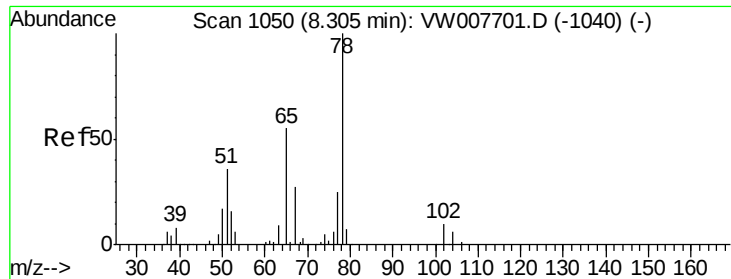
Tgt Ion: 77 Resp: 738
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.3 33.9#



#31
 Cyclohexane
 Concen: 1.298 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion: 56 Resp: 419
 Ion Ratio Lower Upper
 56 100
 69 117.5 29.7 44.5#
 84 125.0 78.9 118.3#

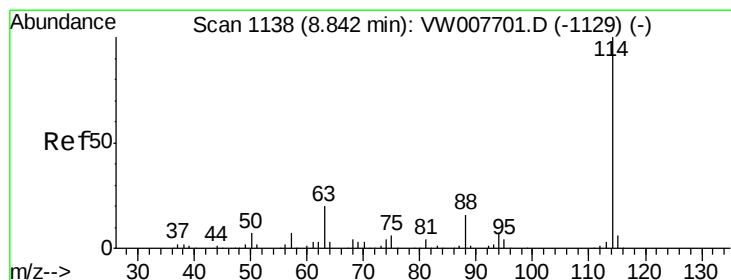
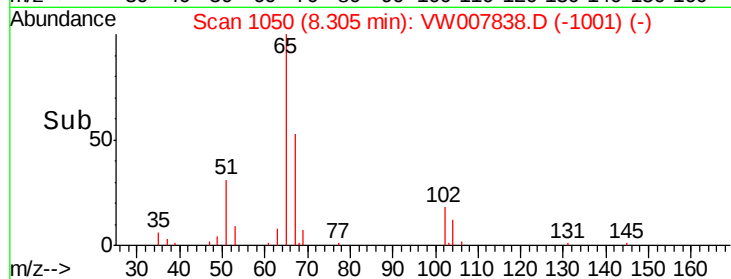
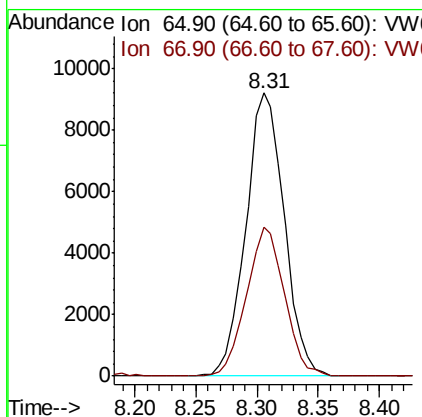
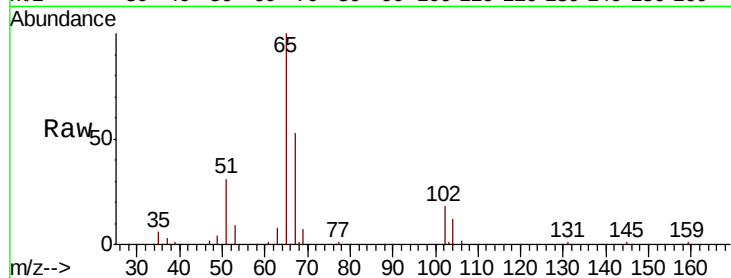




#33
 1,2-Dichloroethane-d4
 Concen: 92.980 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

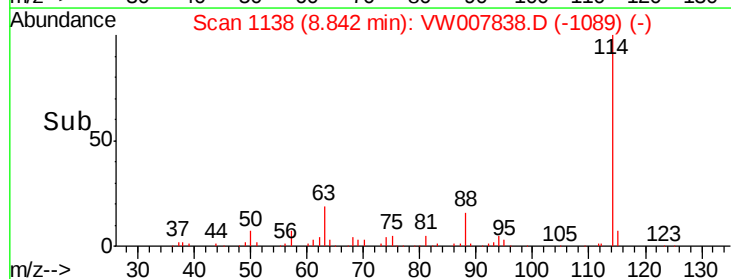
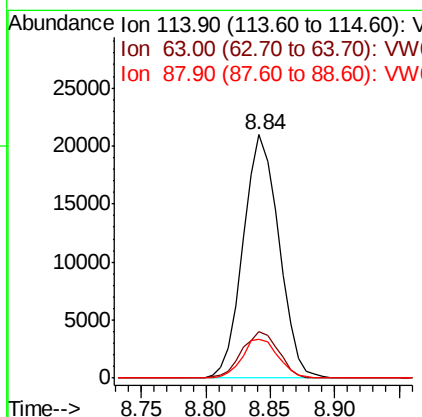
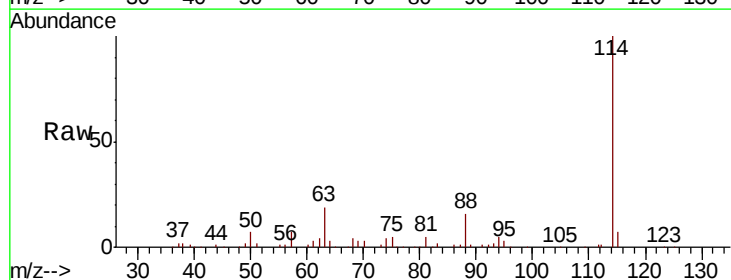
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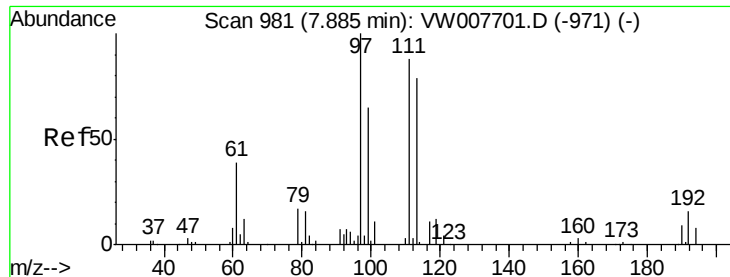
Tgt Ion: 65 Resp: 20165
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion: 114 Resp: 40295
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.636 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

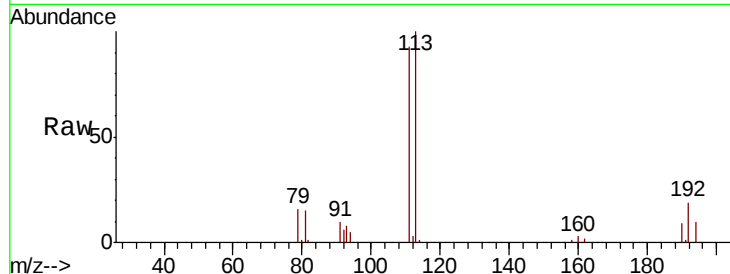
Tgt Ion:113 Resp: 14414

Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

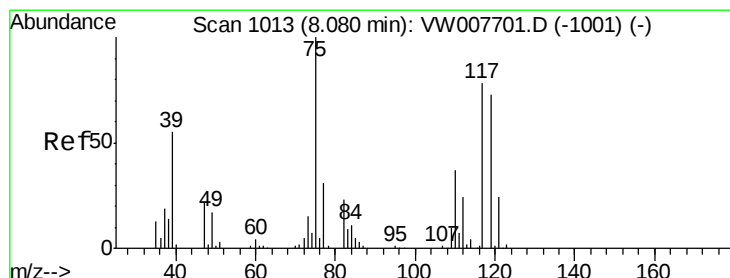
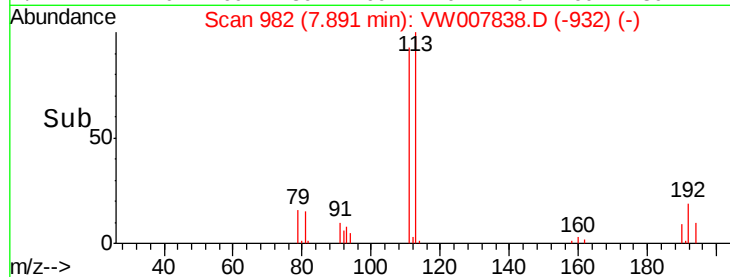
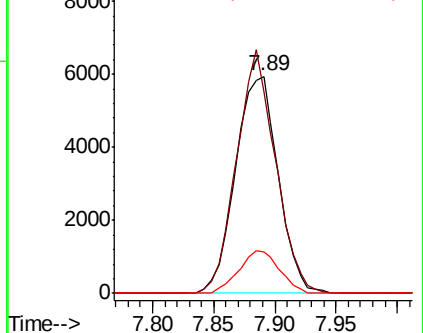
192 18.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.949 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

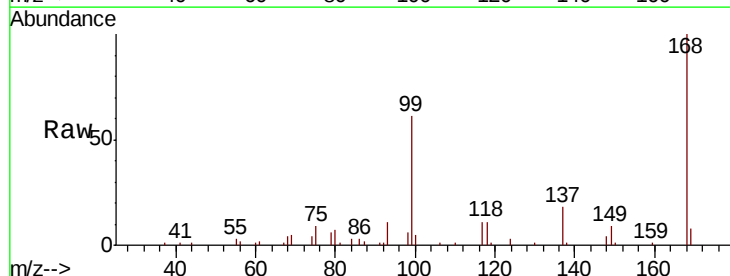
Tgt Ion: 75 Resp: 1536

Ion Ratio Lower Upper

75 100

110 3.7 18.6 55.8#

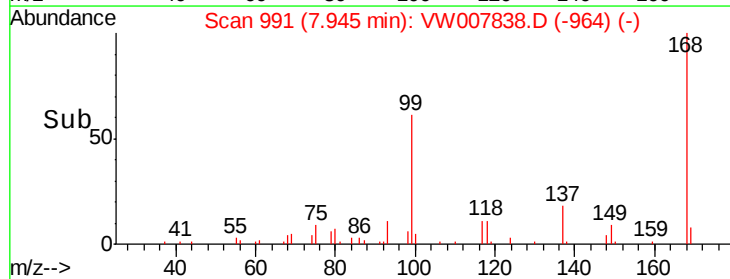
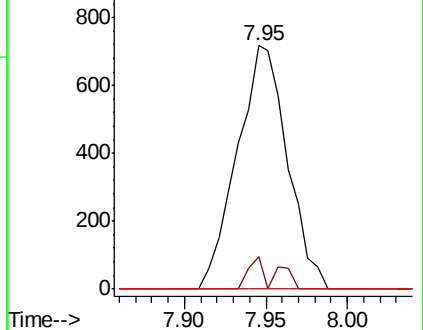
77 0.0 25.0 37.4#

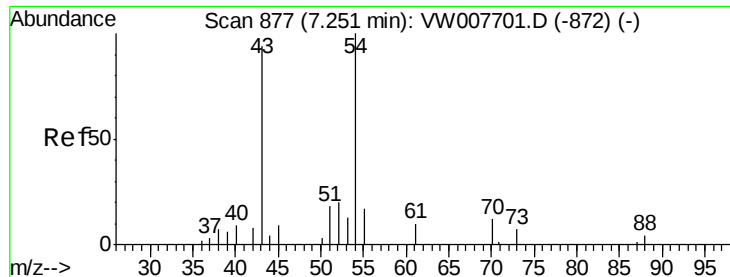


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.512 ug/l

RT: 7.27 min Scan# 880

Delta R.T. 0.02 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

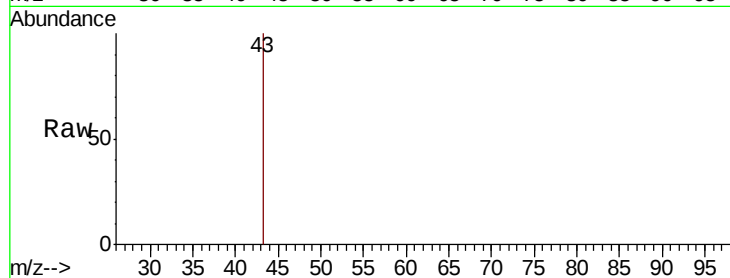
Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

70 0.0 9.3 13.9#



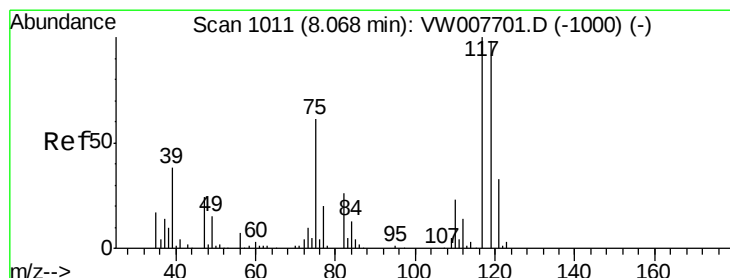
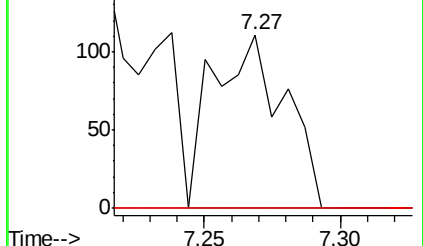
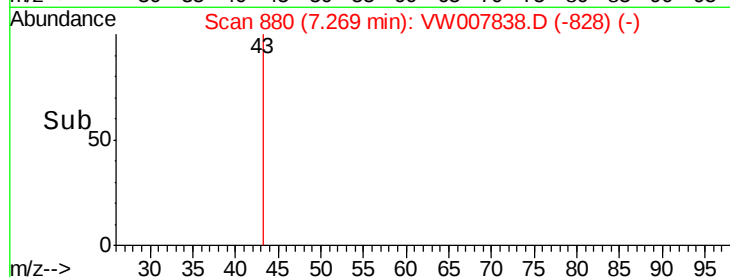
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

Time-->

7.25 7.30



#38

Carbon Tetrachloride

Concen: 4.550 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

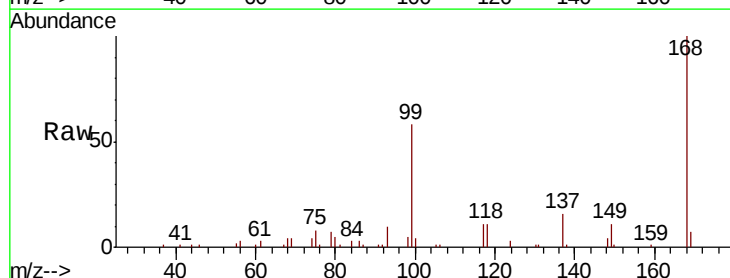
Tgt Ion: 117 Resp: 2084

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

121 0.0 26.1 39.1#



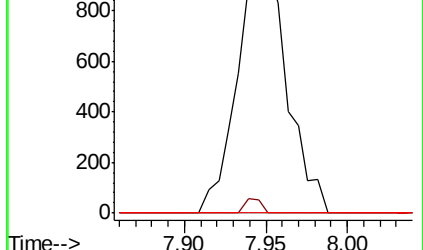
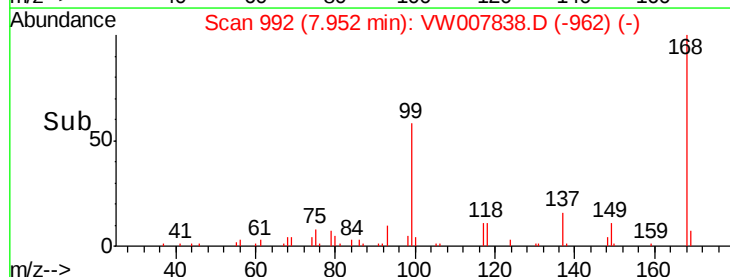
Abundance Ion 116.80 (116.50 to 117.50): V

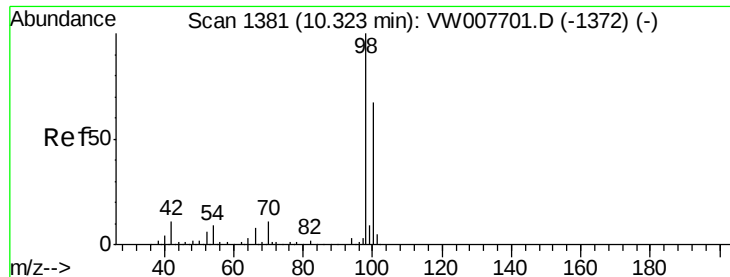
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

Time-->

7.90 7.95 8.00





#50

Toluene-d8

Concen: 33.834 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

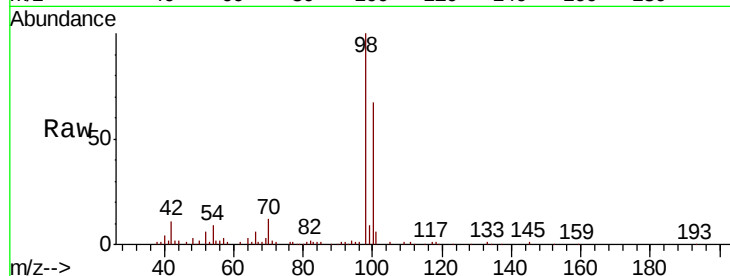
P001-SS020-0002-01

Tgt Ion: 98 Resp: 31354

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

20000

15000

10000

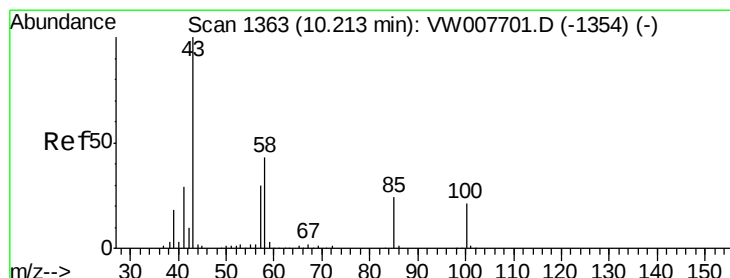
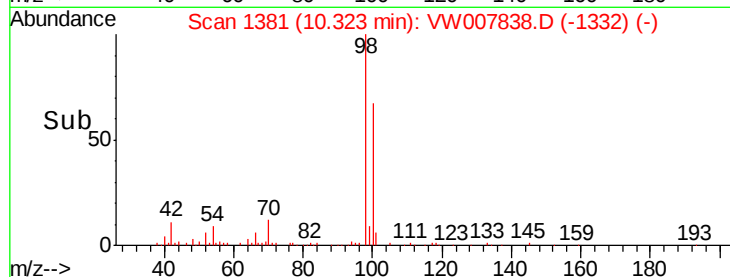
5000

0

10.30

10.40

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.077 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007838.D

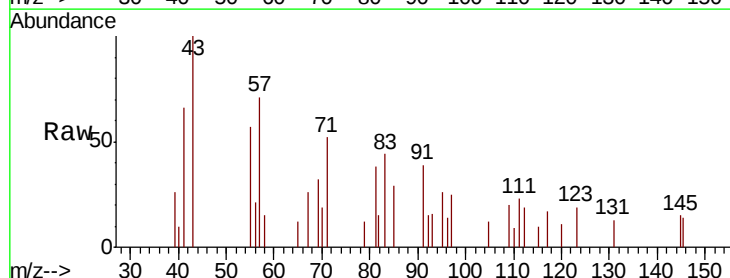
Acq: 22 Dec 2018 12:42

Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

43 100

58 35.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

300

200

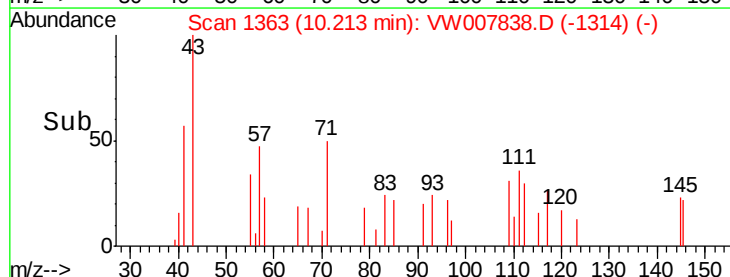
100

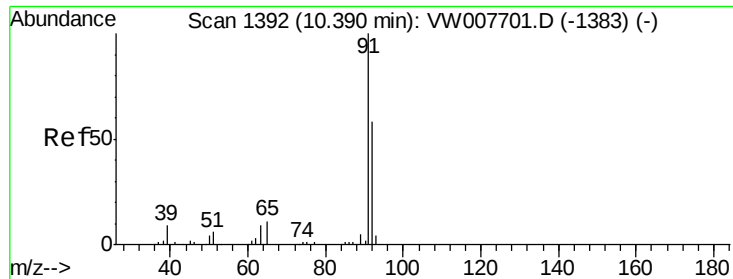
0

10.20

10.25

Time-->





#52

Toluene

Concen: 174.711 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

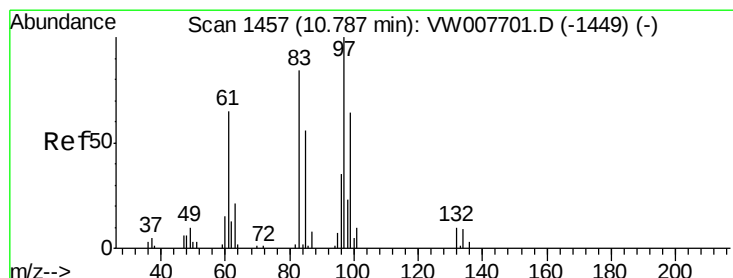
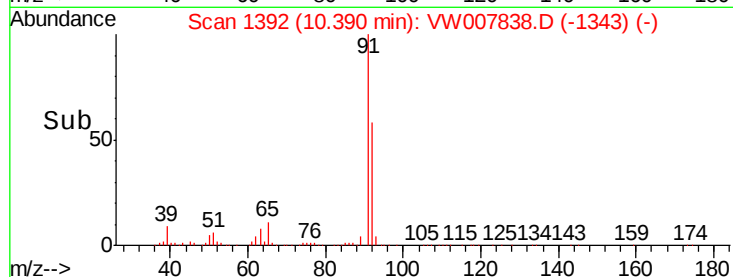
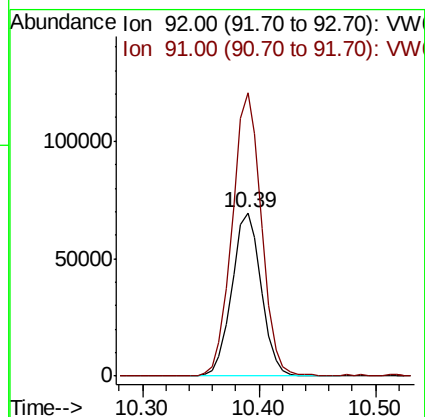
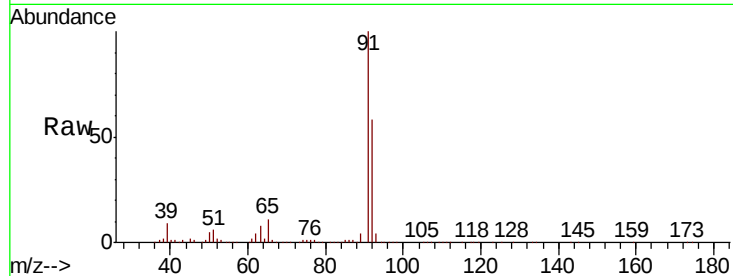
P001-SS020-0002-01

Tgt Ion: 92 Resp: 121653

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 2.175 ug/l

RT: 10.77 min Scan# 1455

Delta R.T. -0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Tgt Ion: 97 Resp: 425

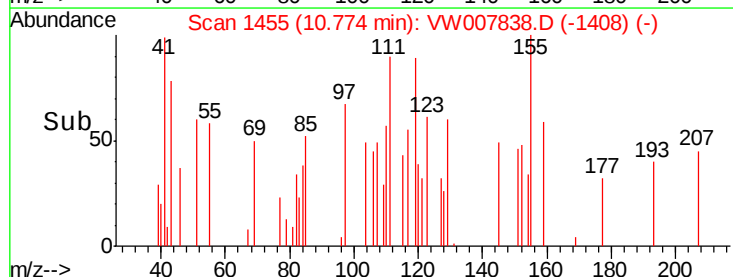
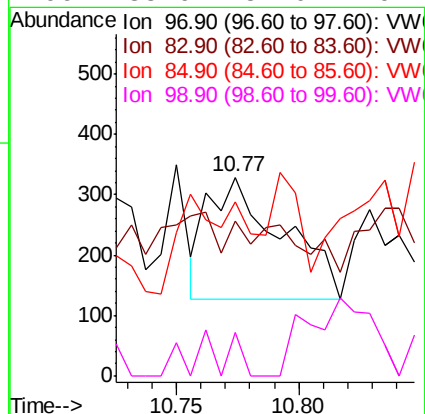
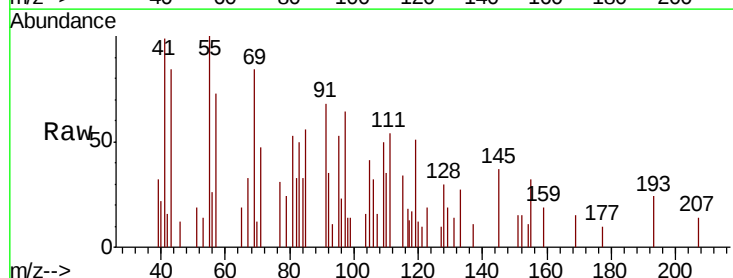
Ion Ratio Lower Upper

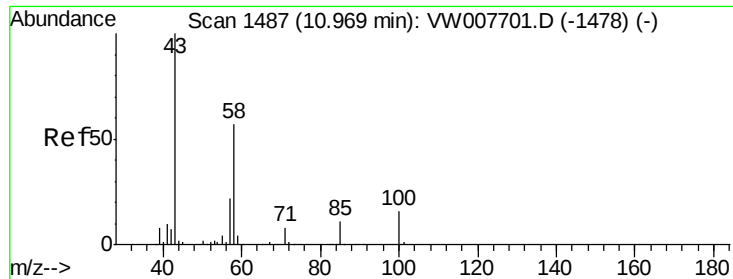
97 100

83 41.6 67.5 101.3#

85 14.4 44.8 67.2#

99 35.6 51.0 76.4#





#59

2-Hexanone

Concen: 1.488 ug/l

RT: 11.16 min Scan# 1519

Delta R.T. 0.19 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

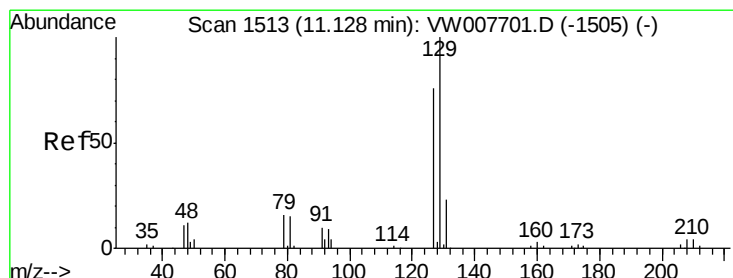
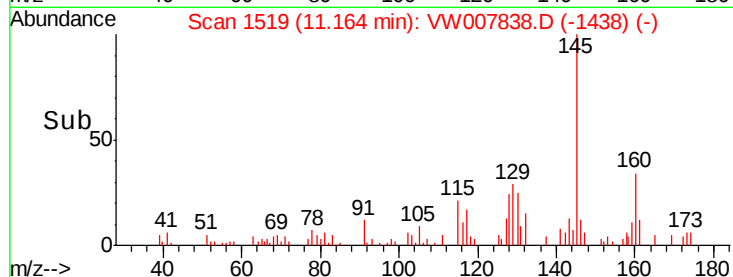
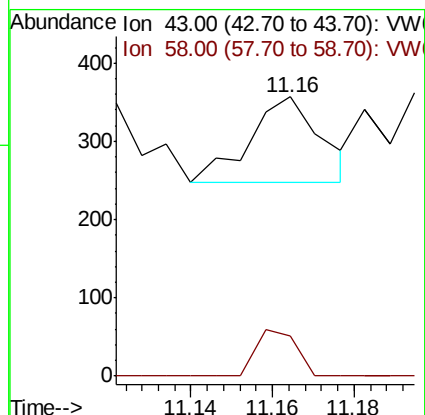
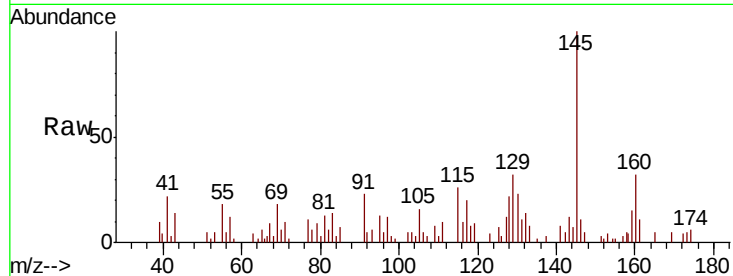
P001-SS020-0002-01

Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

43 100

58 30.8 27.7 83.1



#60

Dibromochloromethane

Concen: 2.555 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW007838.D

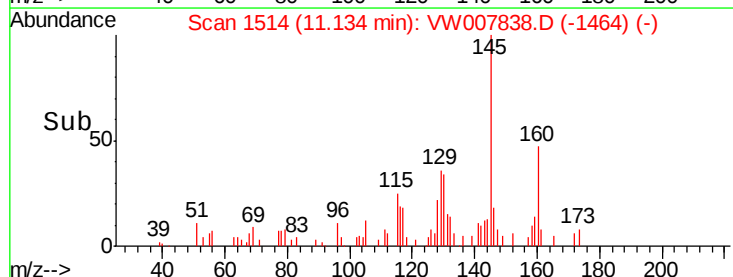
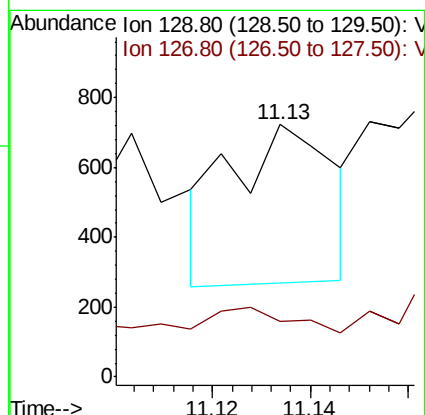
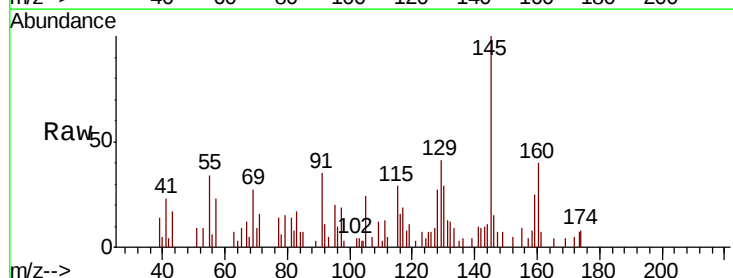
Acq: 22 Dec 2018 12:42

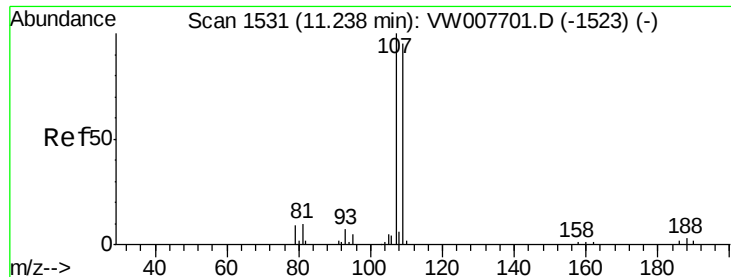
Tgt Ion: 129 Resp: 661

Ion Ratio Lower Upper

129 100

127 12.1 38.3 114.9#

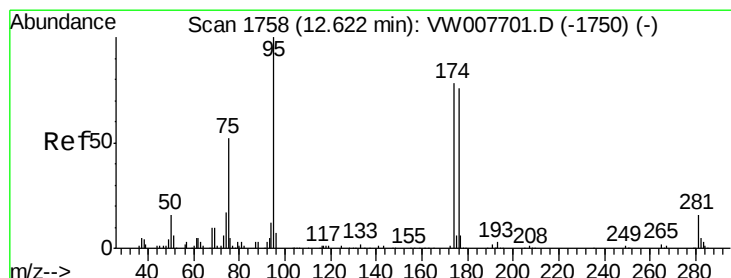
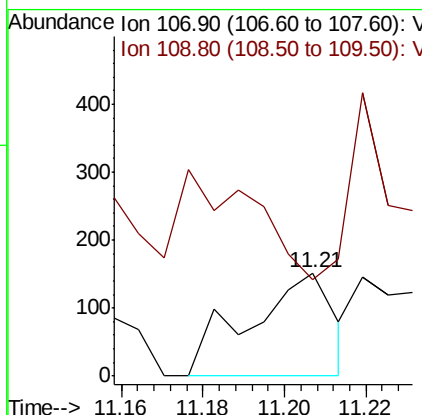
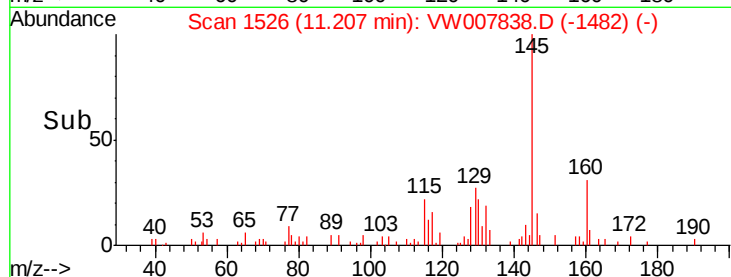
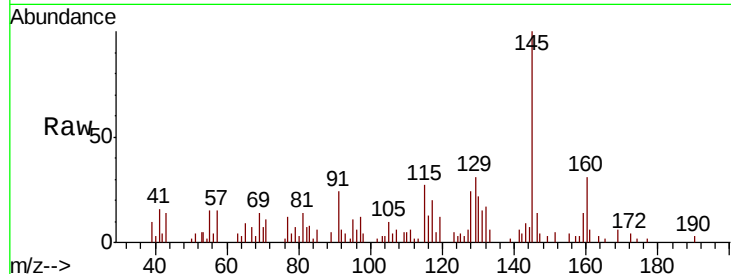




#61
 1,2-Dibromoethane
 Concen: 1.107 ug/l
 RT: 11.21 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

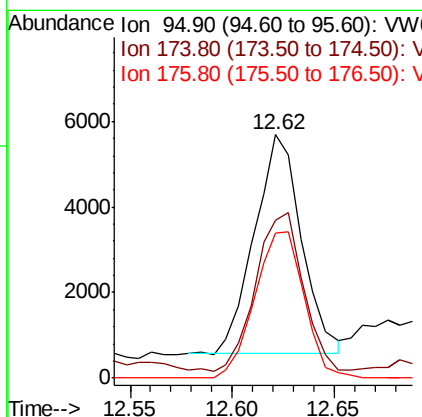
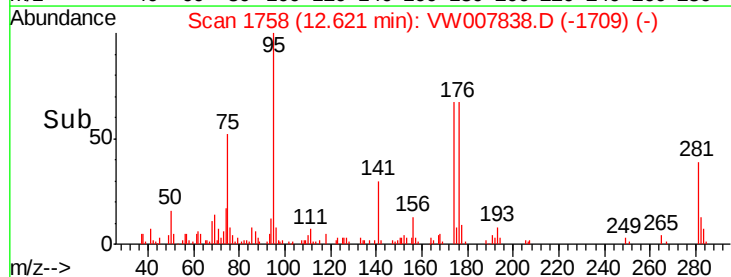
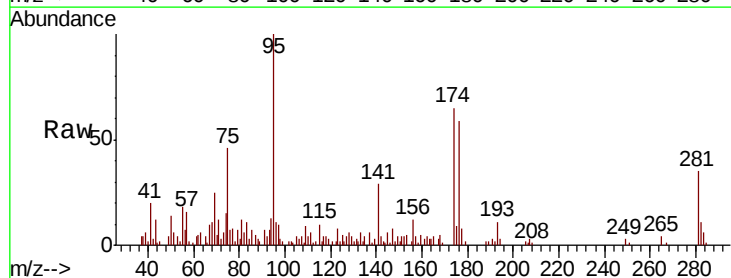
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

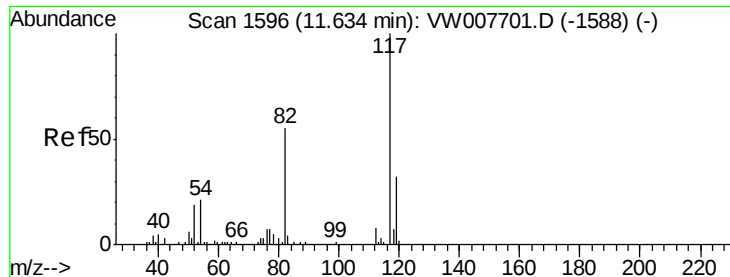
Tgt Ion: 107 Resp: 219
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 22.905 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion: 95 Resp: 8200
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 152.2
 176 70.0 0.0 146.8

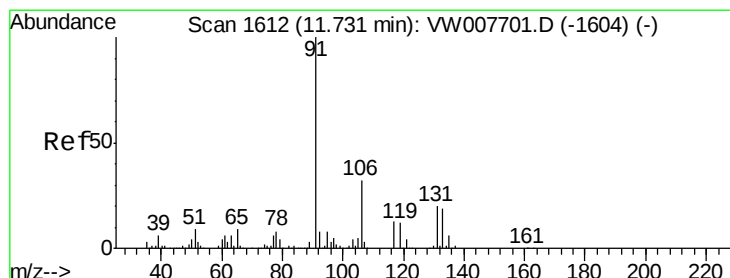
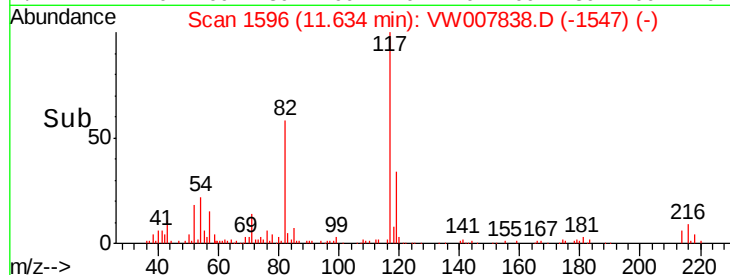
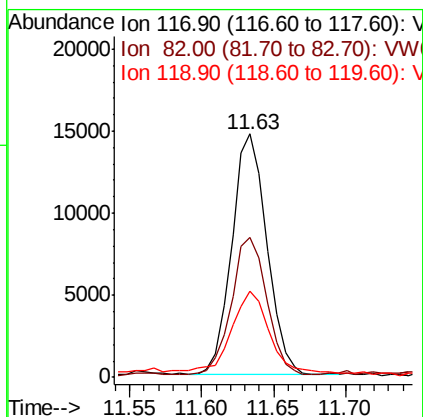
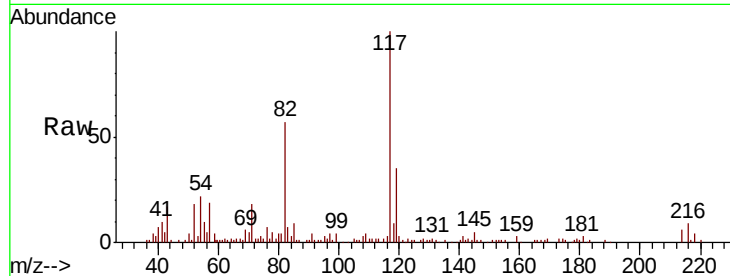




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

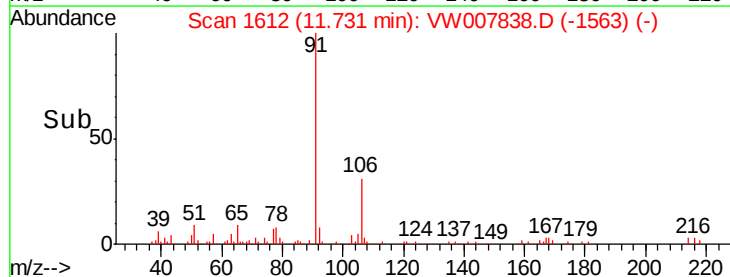
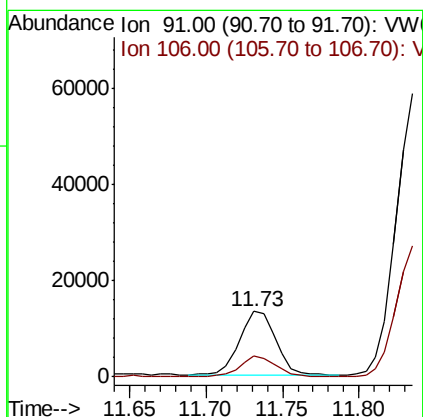
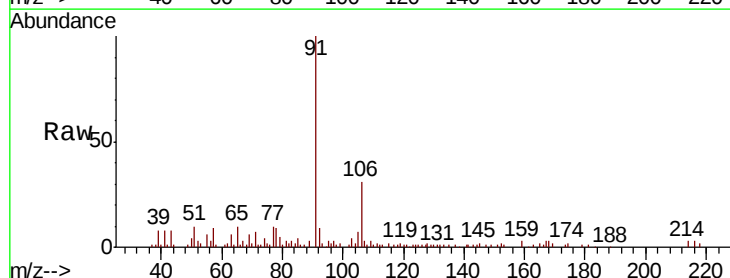
Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

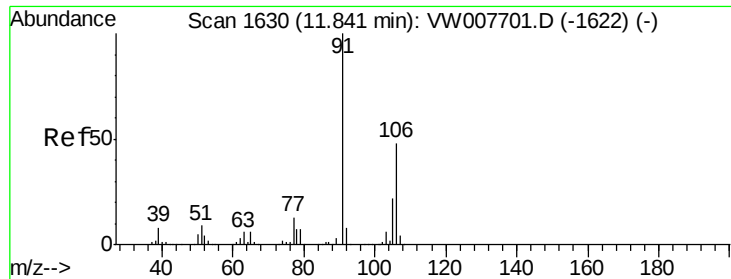
Tgt Ion: 117 Resp: 24834
Ion Ratio Lower Upper
117 100
82 57.0 44.3 66.5
119 33.9 25.7 38.5



#67
Ethyl Benzene
Concen: 23.457 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion: 91 Resp: 21636
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

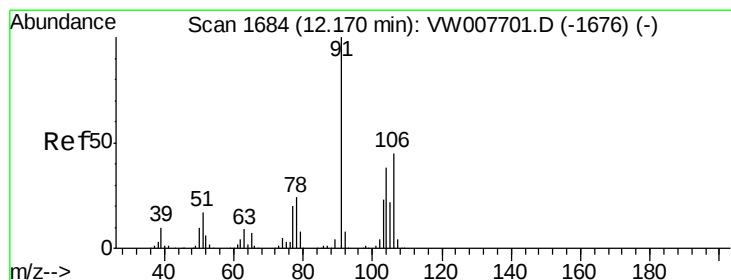
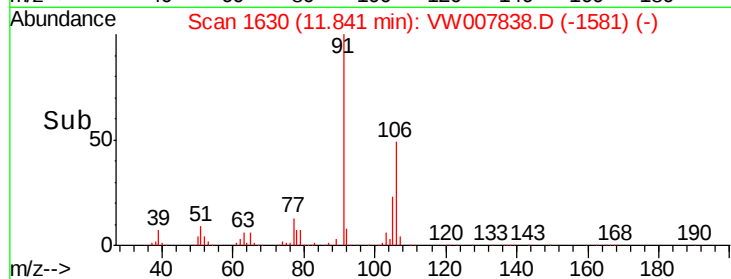
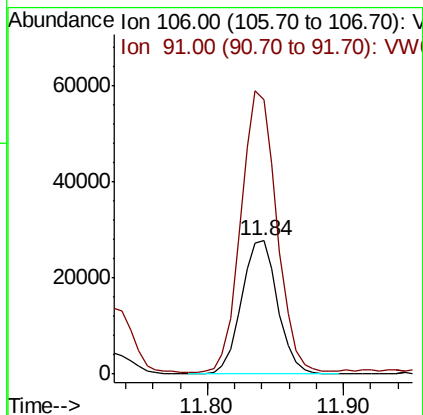
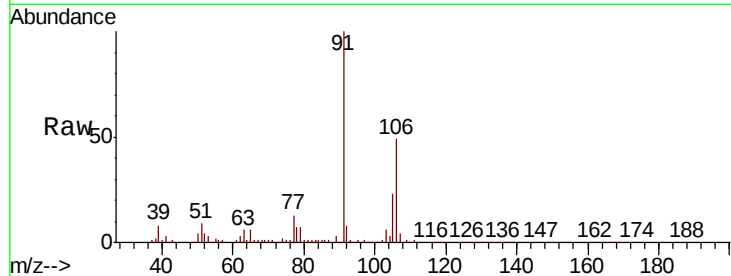




#68
m/p-Xylenes
Concen: 142.403 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

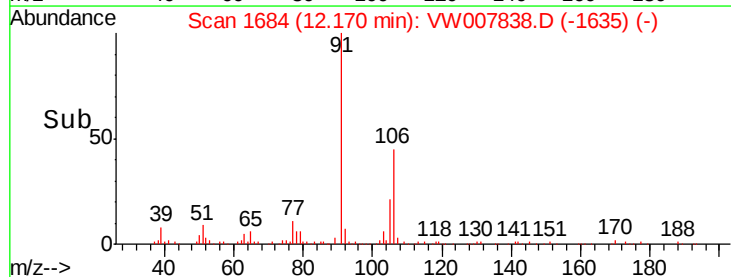
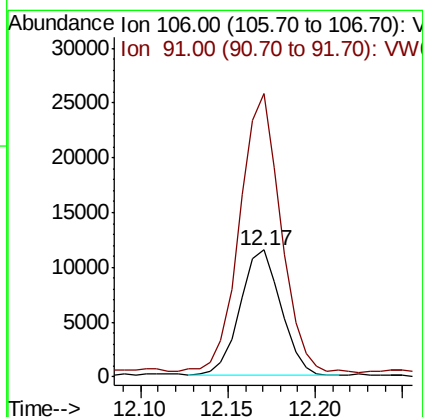
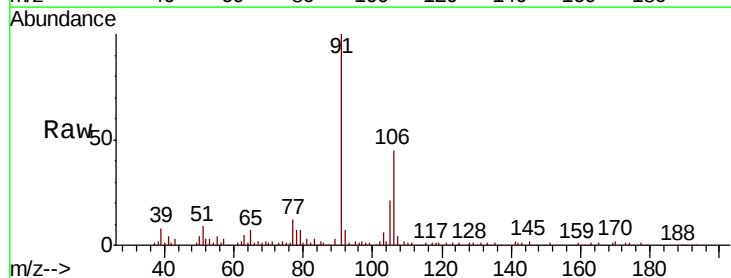
Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

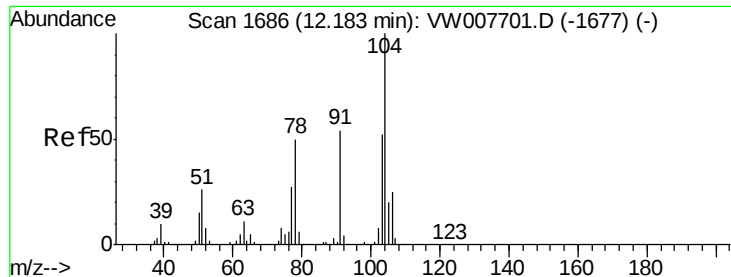
Tgt Ion:106 Resp: 50952
Ion Ratio Lower Upper
106 100
91 209.4 165.2 247.8



#69
o-Xylene
Concen: 55.213 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion:106 Resp: 18518
Ion Ratio Lower Upper
106 100
91 222.8 110.5 331.4





#70

Styrene

Concen: 2.806 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

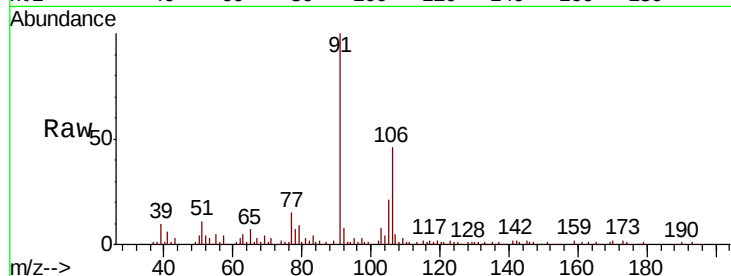
Tgt Ion:104 Resp: 1547

Ion Ratio Lower Upper

104 100

78 194.9 43.4 65.0#

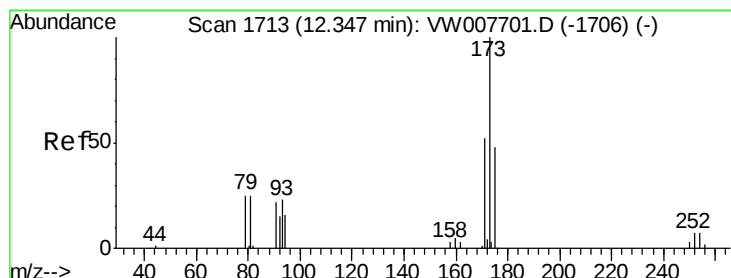
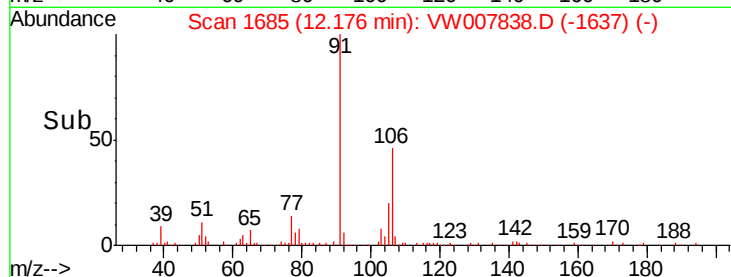
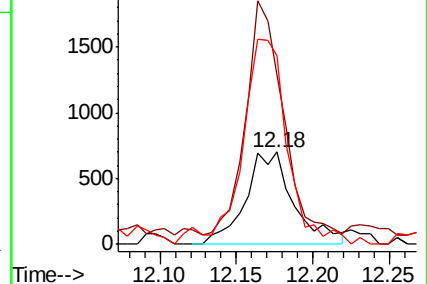
103 200.6 44.5 66.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 6.910 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

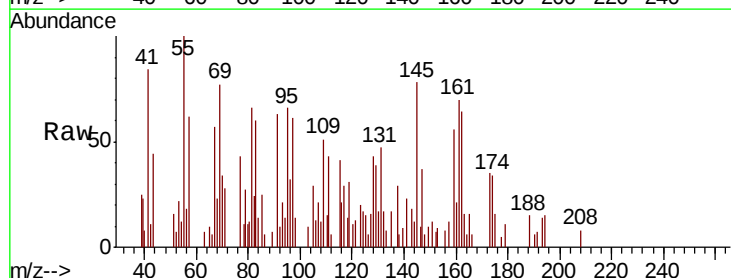
Tgt Ion:173 Resp: 689

Ion Ratio Lower Upper

173 100

175 34.5 23.9 71.7

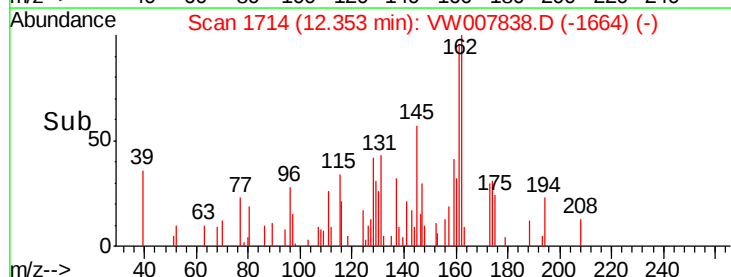
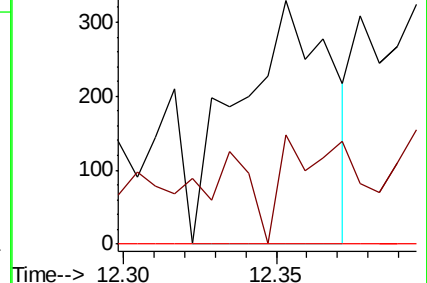
254 0.0 0.0 0.0

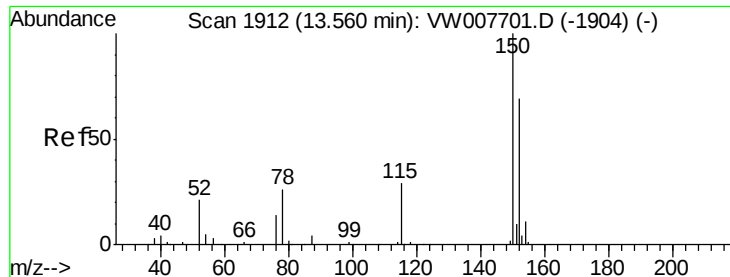


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

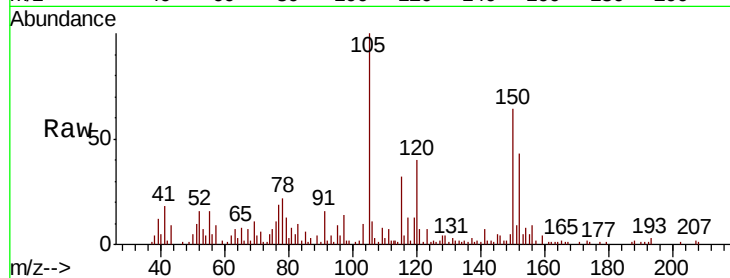
Tgt Ion:152 Resp: 7130

Ion Ratio Lower Upper

152 100

115 0.0 31.8 95.4#

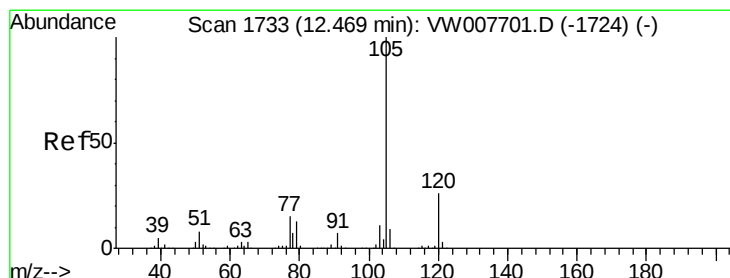
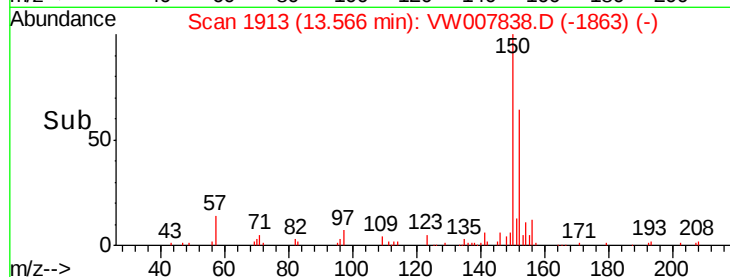
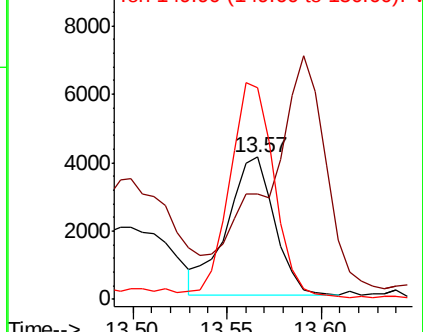
150 144.6 0.0 350.8



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: 16.942 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007838.D

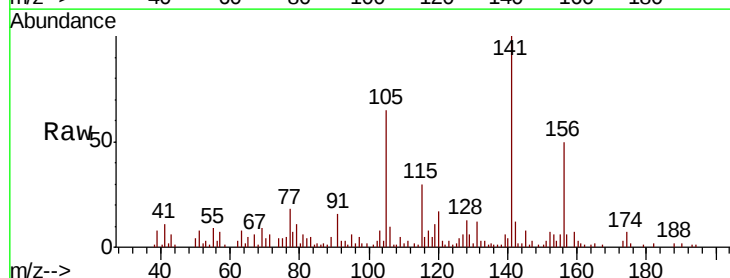
Acq: 22 Dec 2018 12:42

Tgt Ion:105 Resp: 9131

Ion Ratio Lower Upper

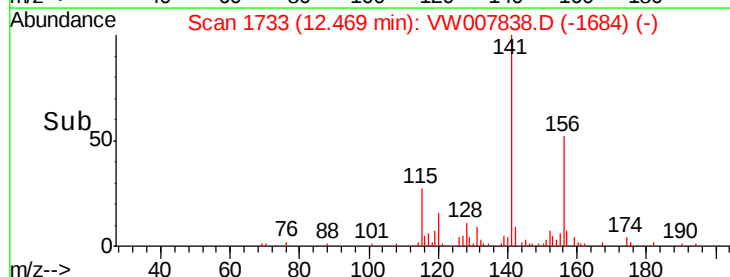
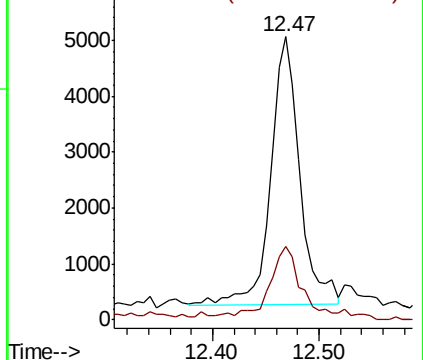
105 100

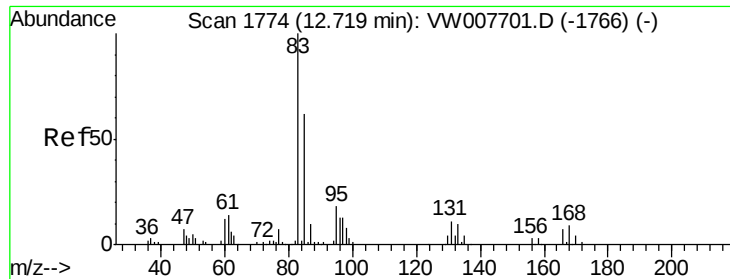
120 33.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

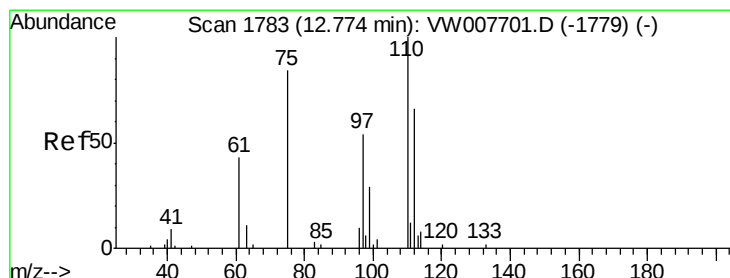
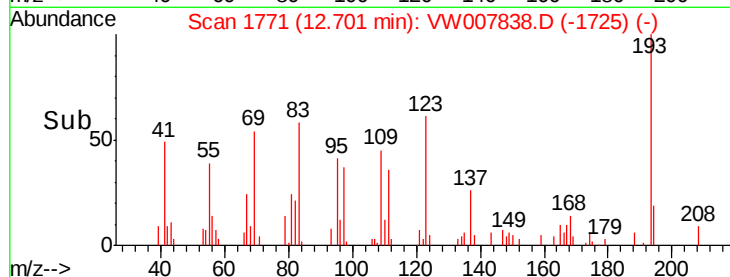
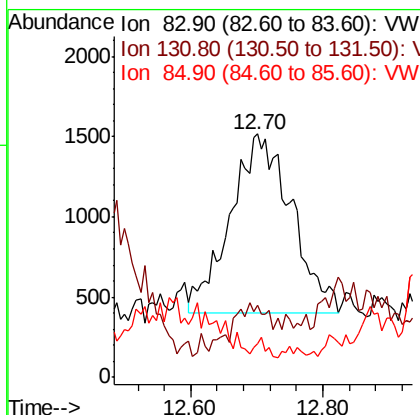
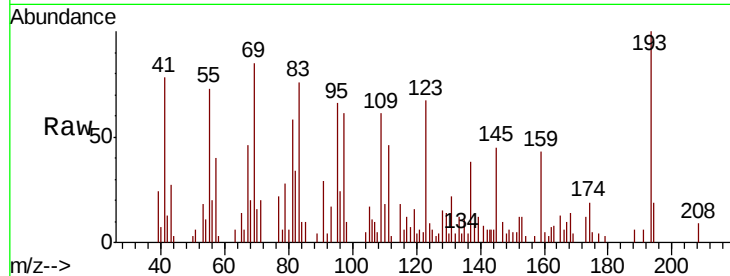




#75
 1,1,2,2-Tetrachloroethane
 Concen: 88.990 ug/l
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

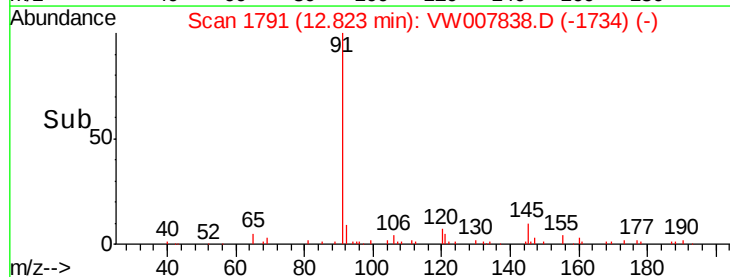
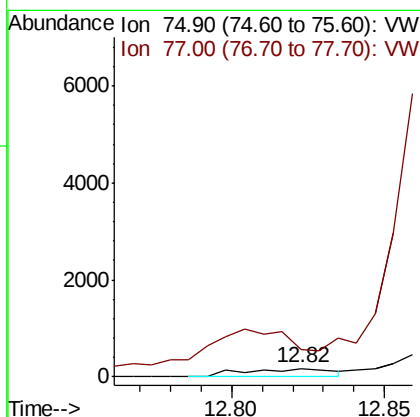
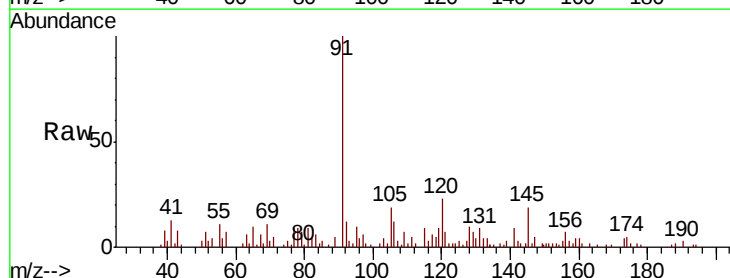
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

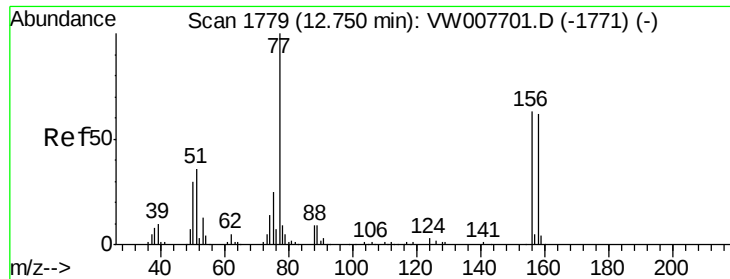
Tgt Ion: 83 Resp: 7191
 Ion Ratio Lower Upper
 83 100
 131 17.3 6.3 18.8
 85 1.9 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 6.242 ug/l
 RT: 12.82 min Scan# 1791
 Delta R.T. 0.05 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion: 75 Resp: 344
 Ion Ratio Lower Upper
 75 100
 77 412.8 0.0 0.0#

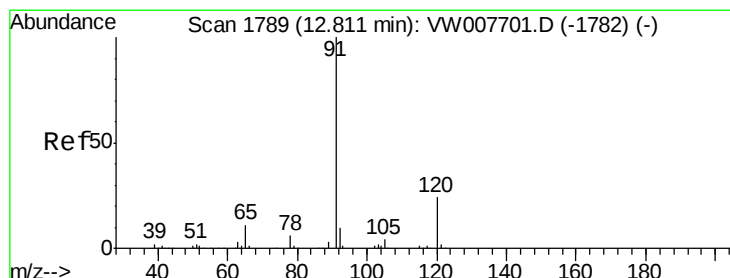
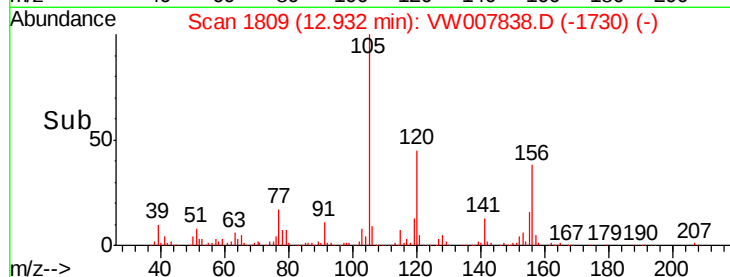
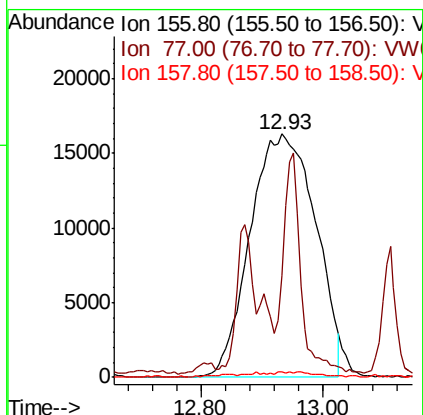
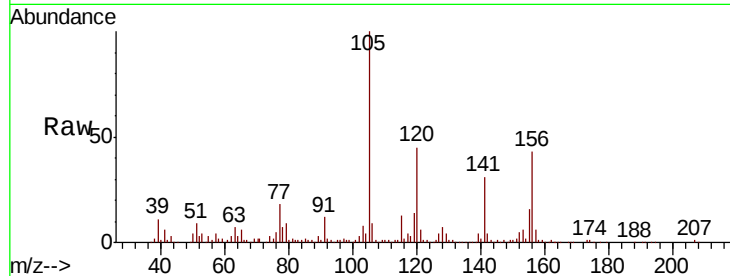




#77
Bromobenzene
Concen: 978.387 ug/l
RT: 12.93 min Scan# 1809
Delta R.T. 0.18 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

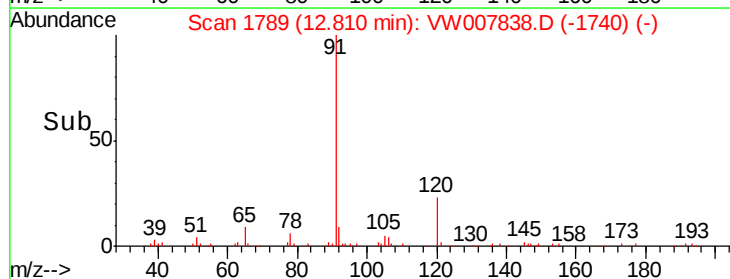
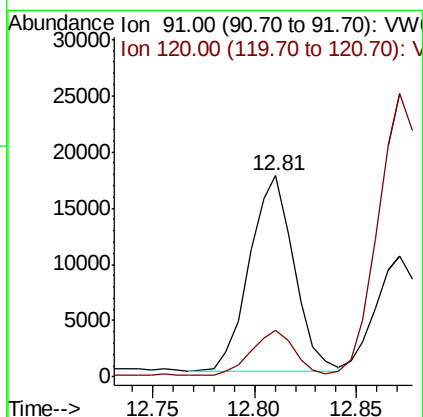
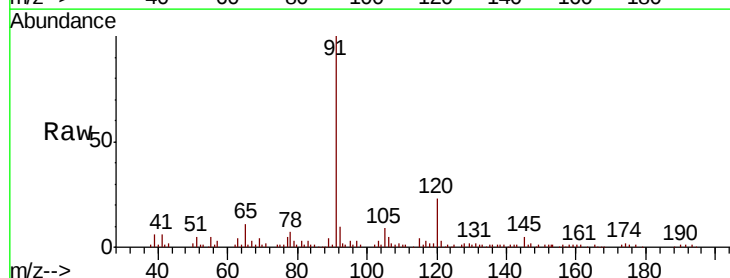
Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

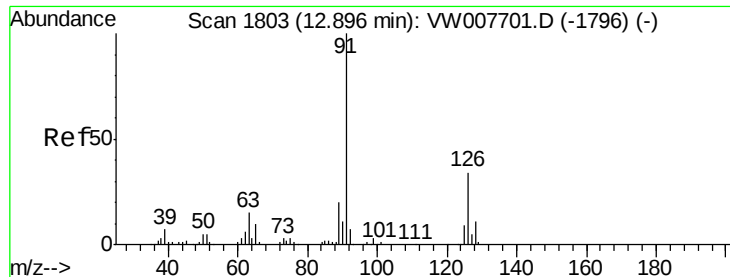
Tgt Ion:156 Resp: 120844
Ion Ratio Lower Upper
156 100
77 0.0 87.4 262.1#
158 0.1 48.4 145.0#



#78
n-propylbenzene
Concen: 41.666 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion: 91 Resp: 26140
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.7

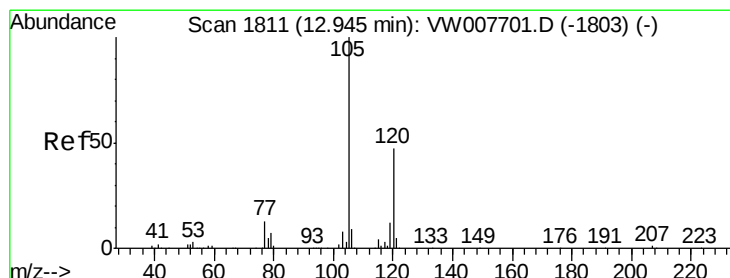
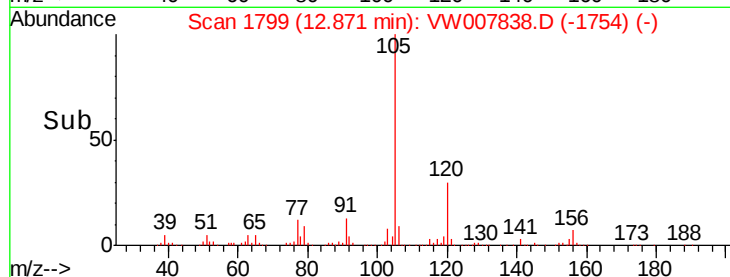
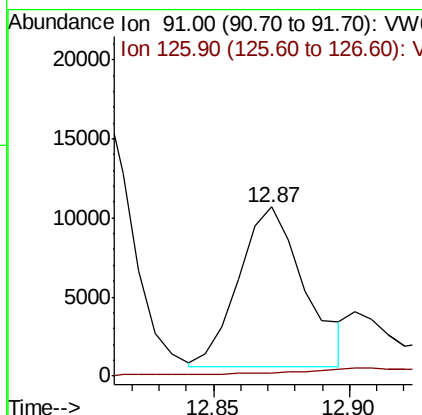
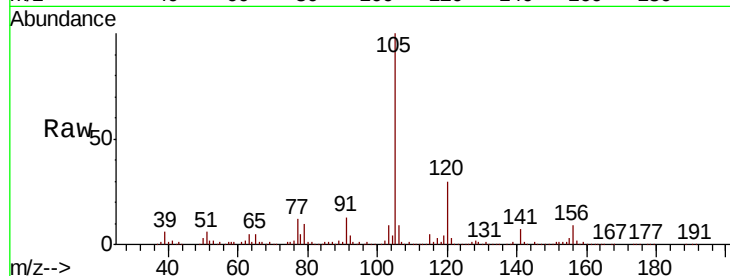




#79
 2-Chlorotoluene
 Concen: 46.581 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

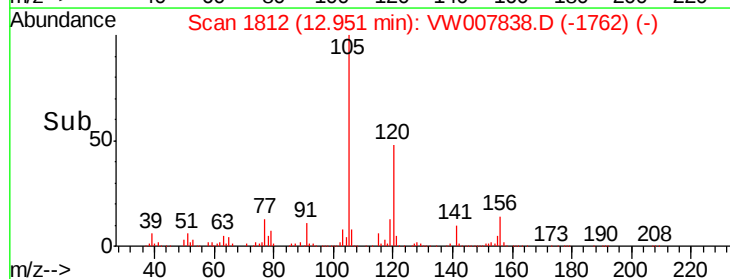
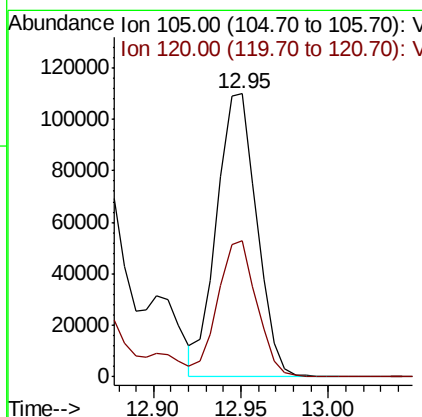
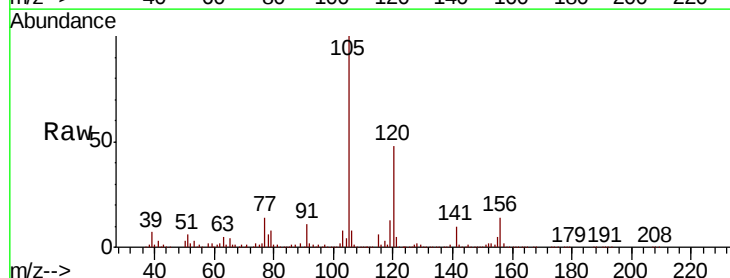
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

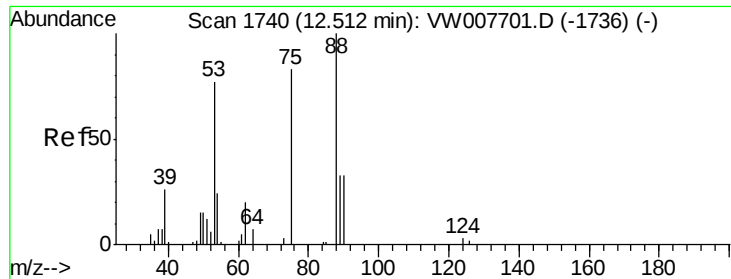
Tgt Ion: 91 Resp: 17024
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 374.409 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion: 105 Resp: 174056
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.604 ug/l

RT: 12.46 min Scan# 1731

Delta R.T. -0.06 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

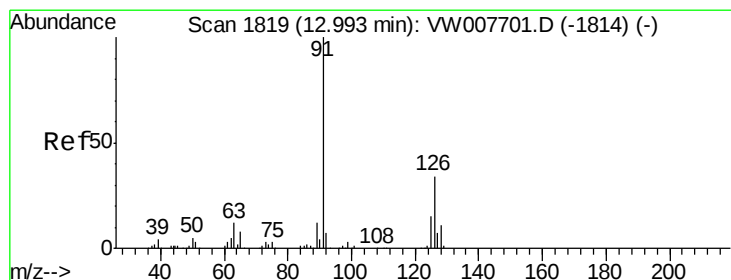
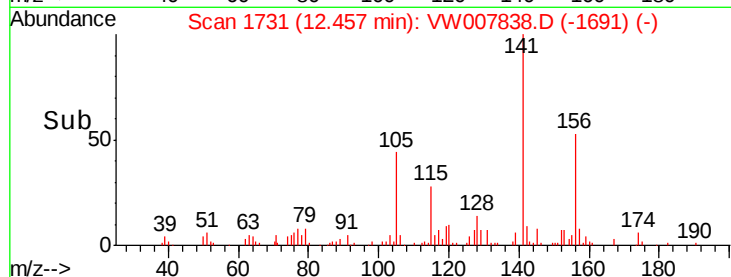
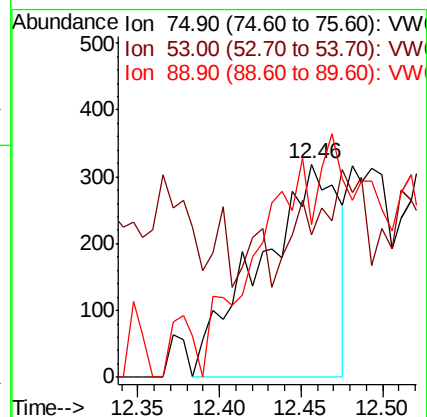
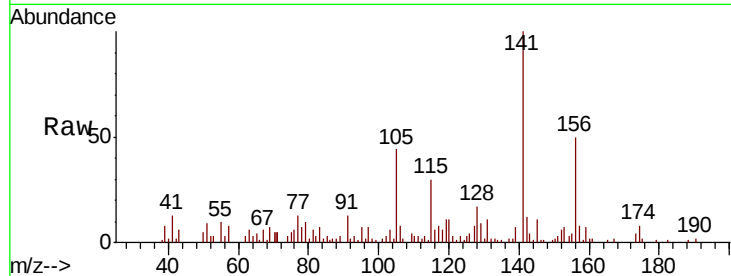
Tgt Ion: 75 Resp: 1066

Ion Ratio Lower Upper

75 100

53 11.4 80.2 120.2#

89 75.4 39.2 58.8#



#82

4-Chlorotoluene

Concen: 48.201 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007838.D

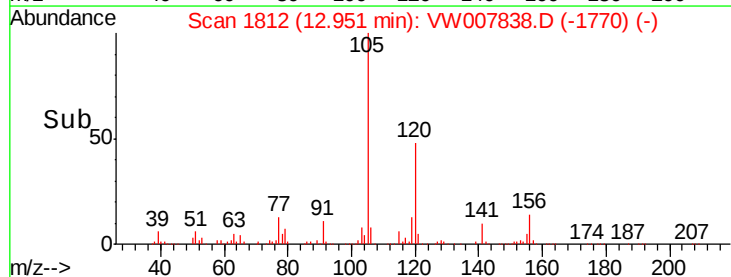
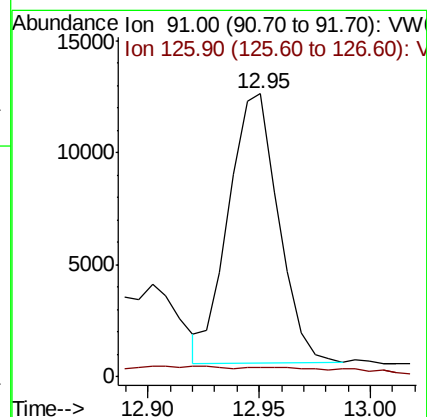
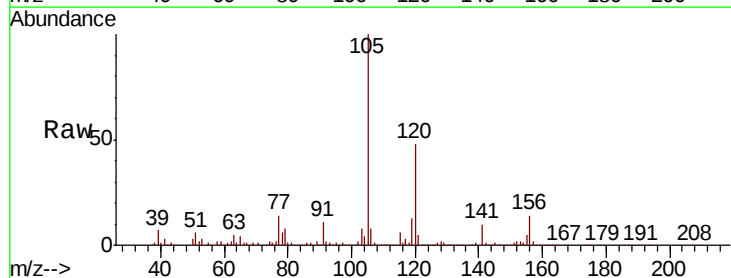
Acq: 22 Dec 2018 12:42

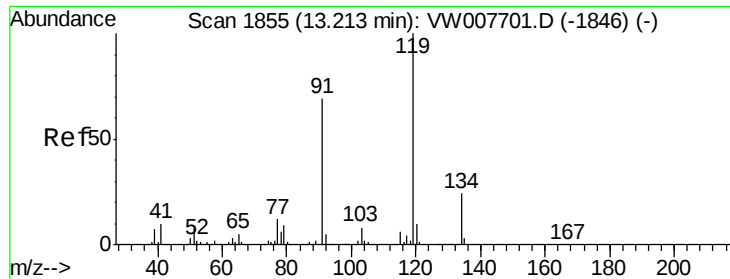
Tgt Ion: 91 Resp: 18757

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#

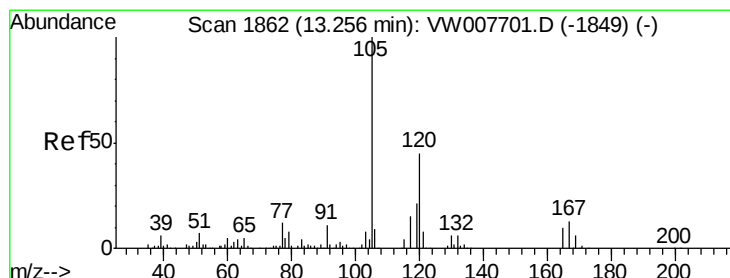
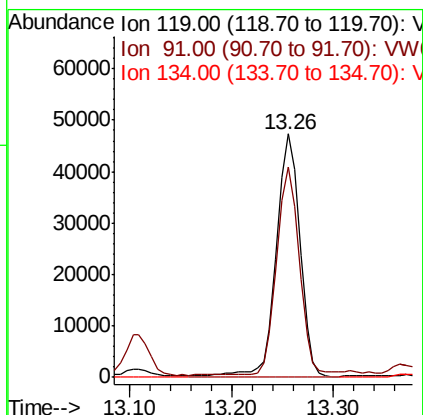
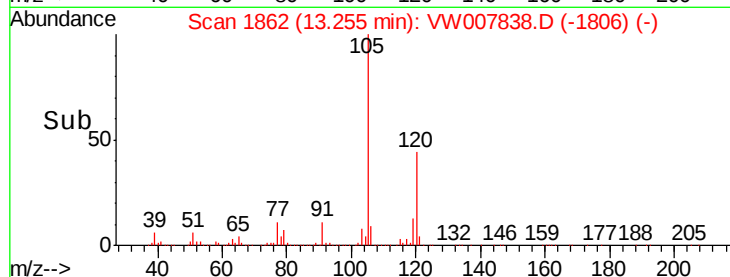
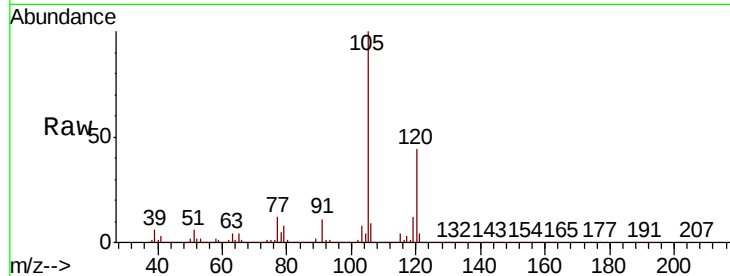




#83
tert-Butylbenzene
Concen: 184.193 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

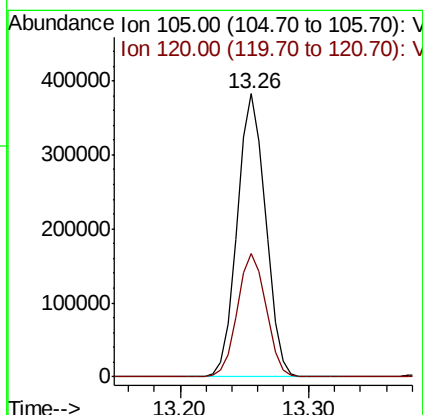
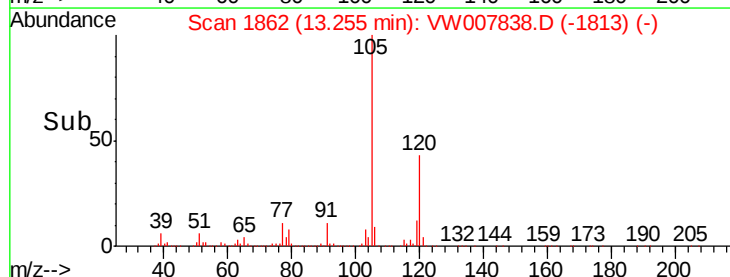
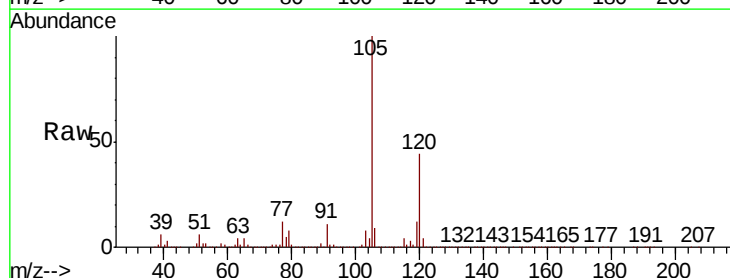
Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

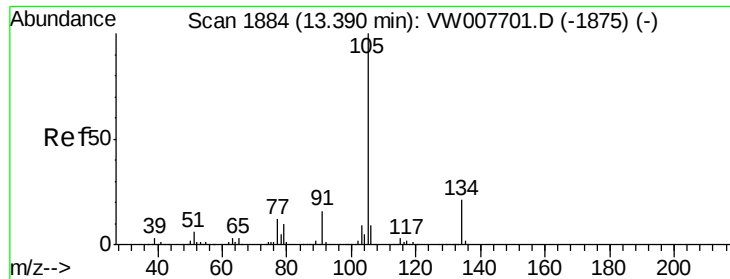
Tgt Ion:119 Resp: 75132
Ion Ratio Lower Upper
119 100
91 81.6 34.2 102.5
134 0.0 12.8 38.4#



#84
1,2,4-Trimethylbenzene
Concen: 1241.130 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion:105 Resp: 582204
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0

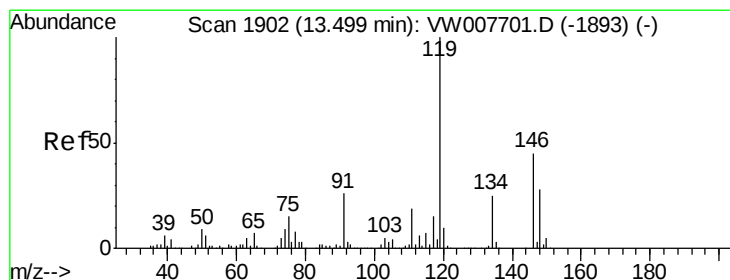
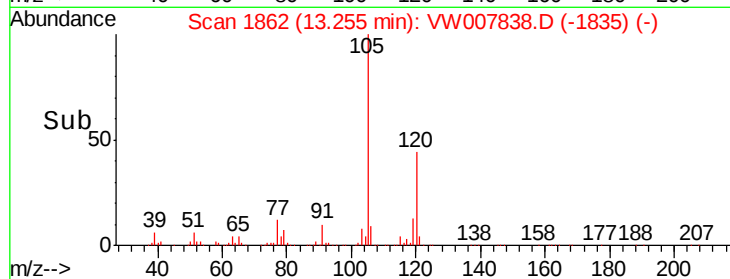
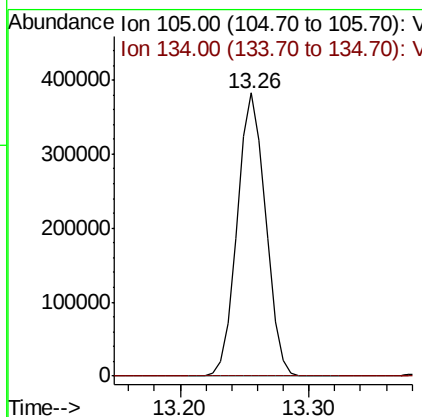
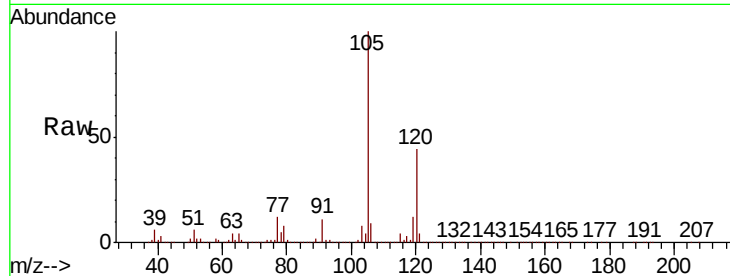




#85
 sec-Butylbenzene
 Concen: 1035.660 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

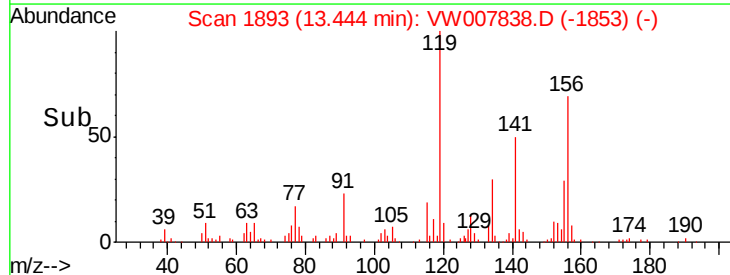
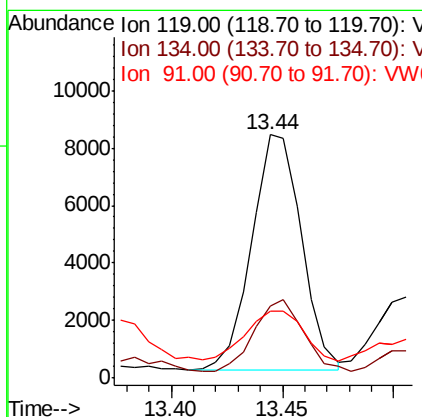
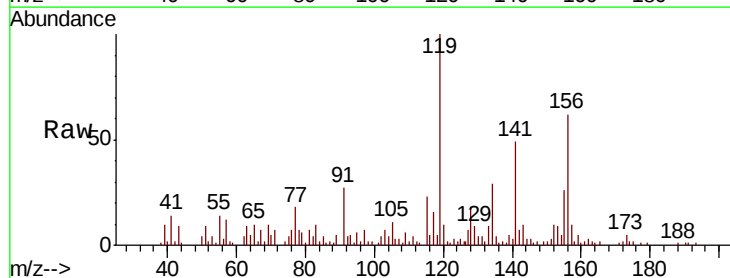
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

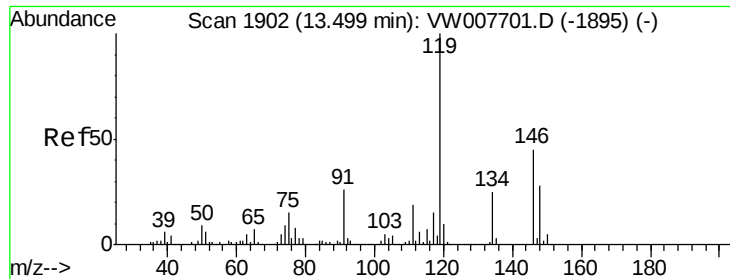
Tgt Ion:105 Resp: 582204
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 24.809 ug/l
 RT: 13.44 min Scan# 1893
 Delta R.T. -0.06 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion:119 Resp: 12682
 Ion Ratio Lower Upper
 119 100
 134 36.5 13.0 39.0
 91 23.8 12.8 38.4

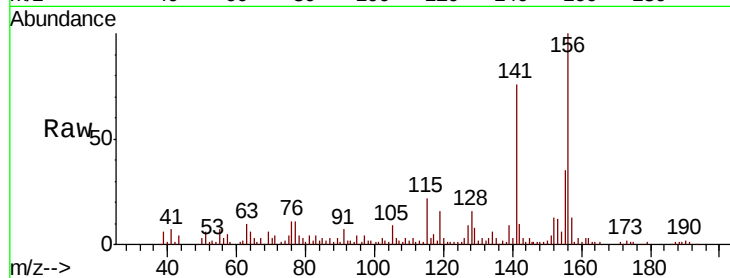




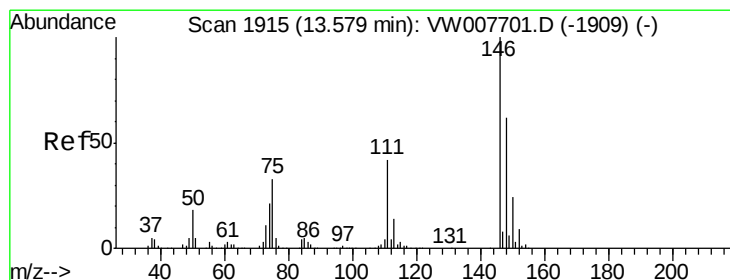
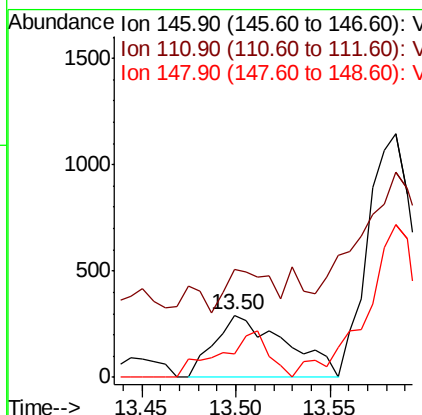
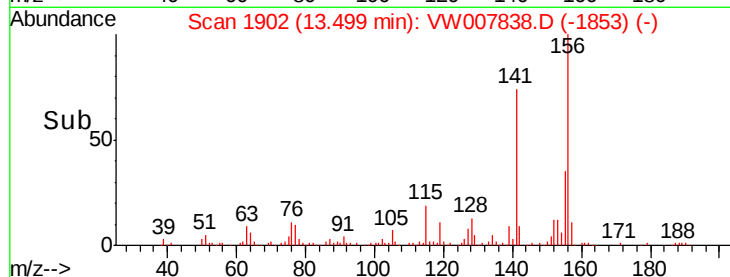
#87
 1,3-Dichlorobenzene
 Concen: 3.115 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Tgt Ion:146 Resp: 764
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.4
 148 50.8 32.1 96.5

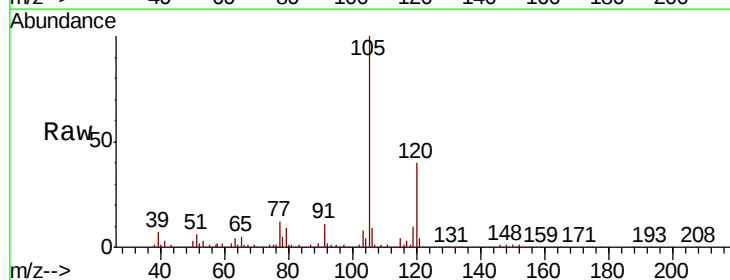


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

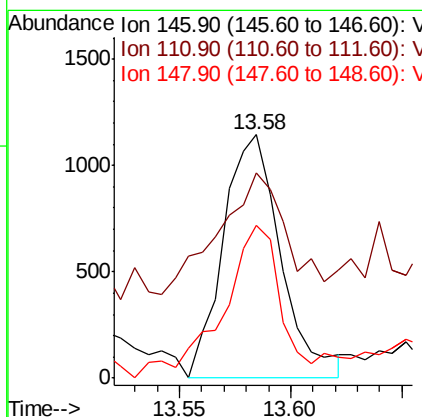
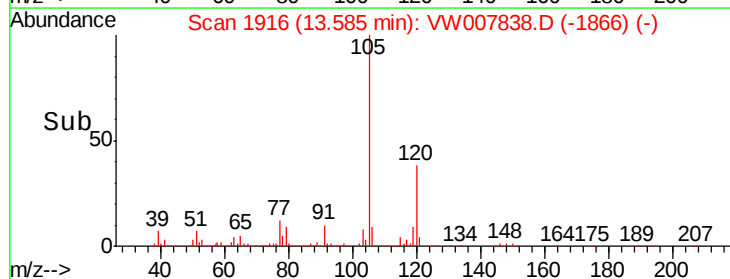


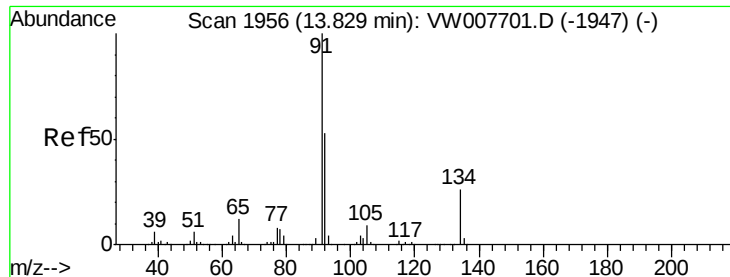
#88
 1,4-Dichlorobenzene
 Concen: 8.381 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion:146 Resp: 2056
 Ion Ratio Lower Upper
 146 100
 111 57.8 21.0 63.0
 148 63.5 31.8 95.4



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





#89

n-Butylbenzene

Concen: 15.831 ug/l

RT: 13.79 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

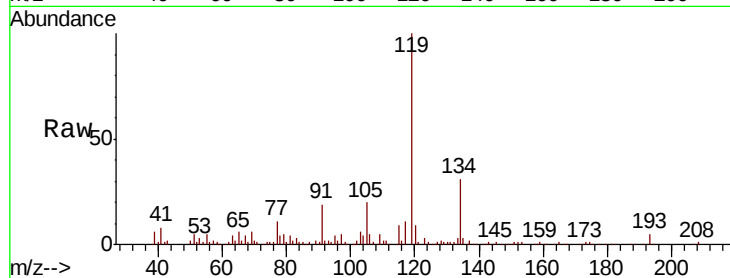
Tgt Ion: 91 Resp: 7420

Ion Ratio Lower Upper

91 100

92 11.8 26.4 79.2#

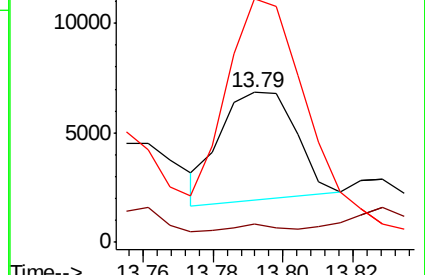
134 255.1 13.7 41.0#



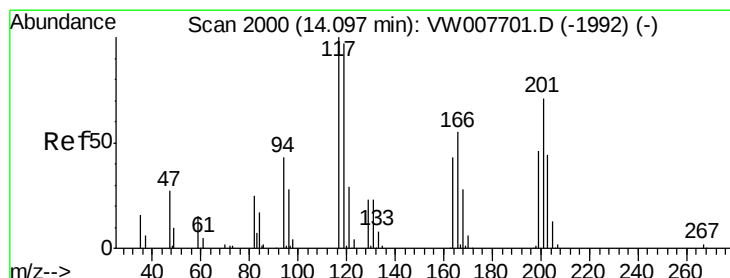
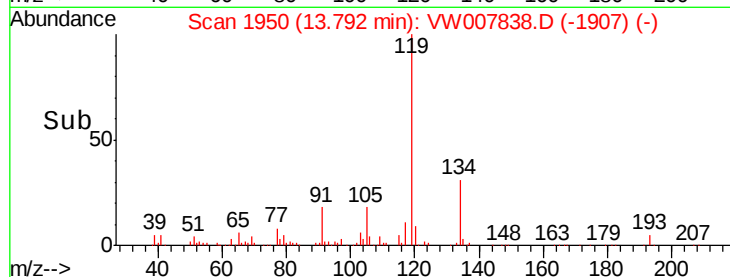
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



Time-->



#90

Hexachloroethane

Concen: 54.823 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007838.D

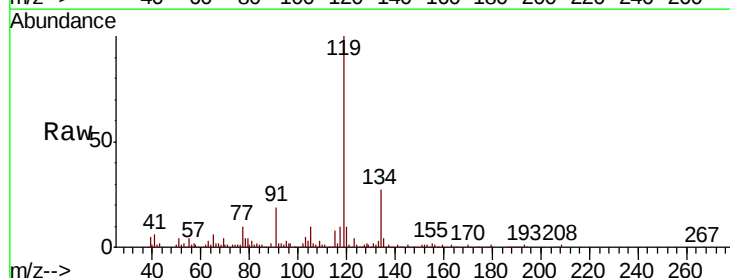
Acq: 22 Dec 2018 12:42

Tgt Ion: 117 Resp: 4920

Ion Ratio Lower Upper

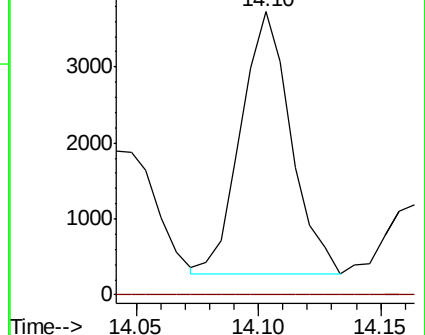
117 100

201 0.0 36.2 108.6#

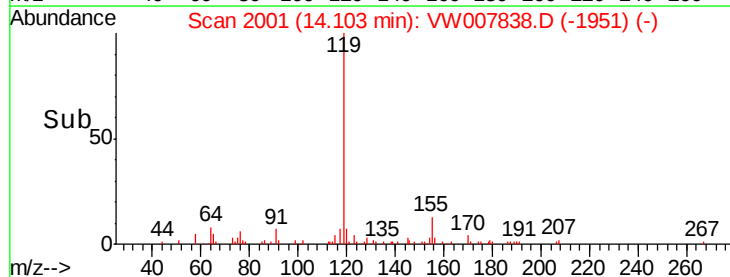


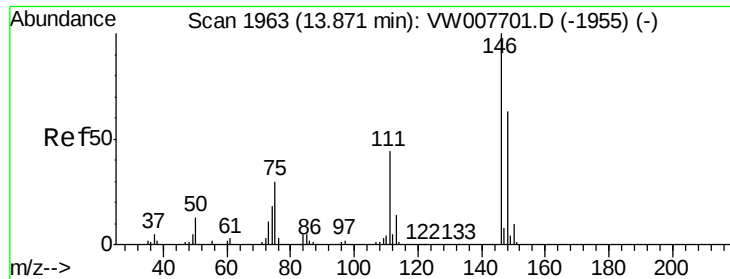
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->





#91

1,2-Dichlorobenzene

Concen: 2.286 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

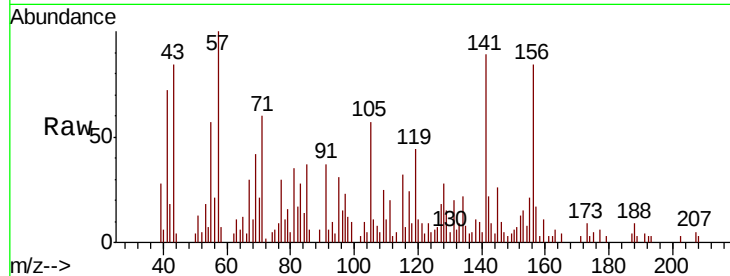
Tgt Ion: 146 Resp: 502

Ion Ratio Lower Upper

146 100

111 31.1 21.7 65.1

148 0.0 32.1 96.5#



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

800

600

400

200

0

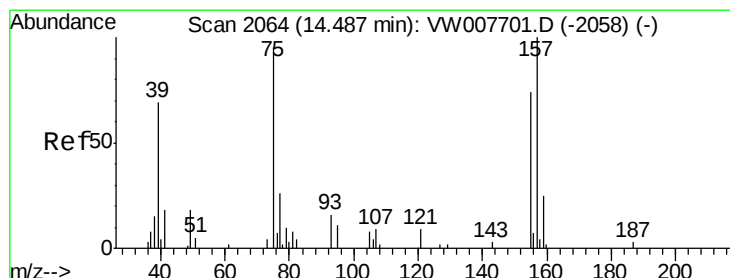
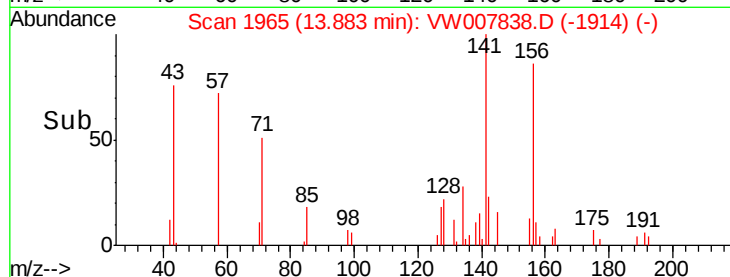
13.85

13.88

13.90

13.95

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 34.047 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

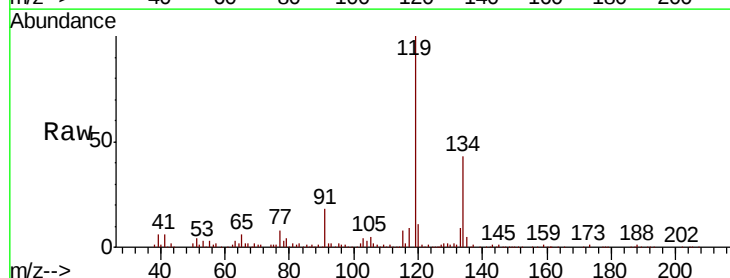
Tgt Ion: 75 Resp: 565

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

157 0.0 52.0 156.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

500

400

300

200

100

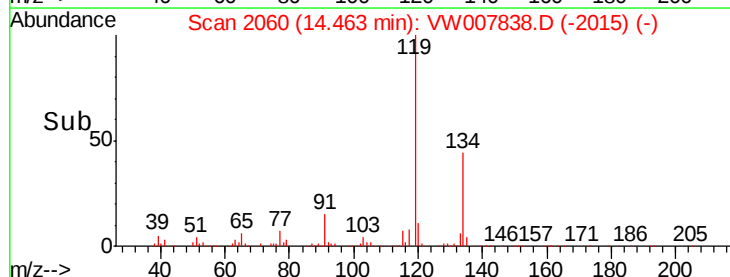
0

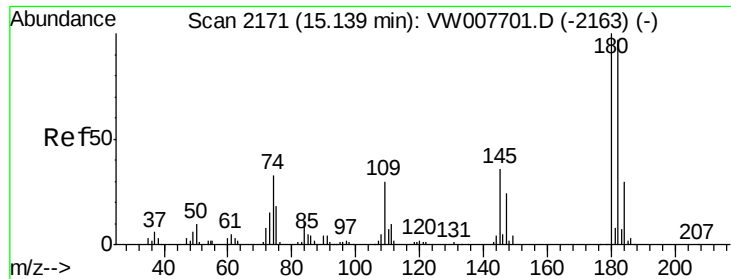
14.45

14.46

14.50

Time-->

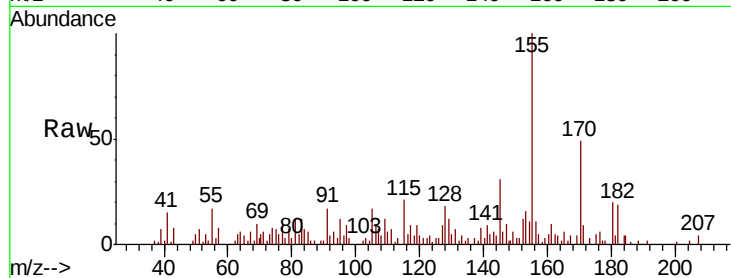




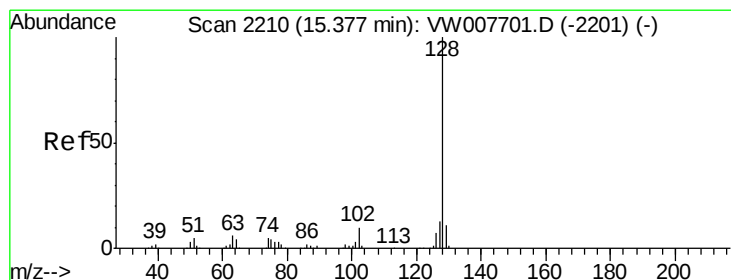
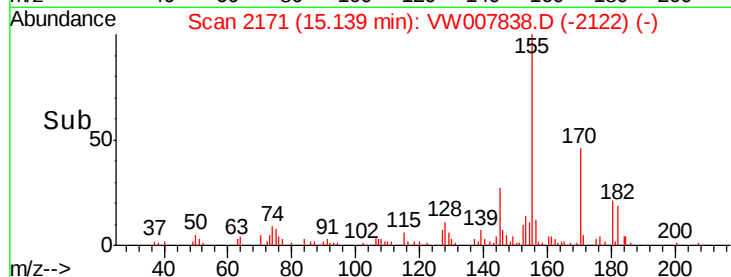
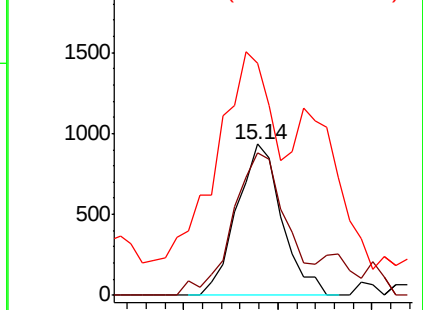
#93
 1,2,4-Trichlorobenzene
 Concen: 10.163 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Tgt Ion:180 Resp: 1549
 Ion Ratio Lower Upper
 180 100
 182 113.6 47.5 142.6
 145 170.0 17.5 52.5#

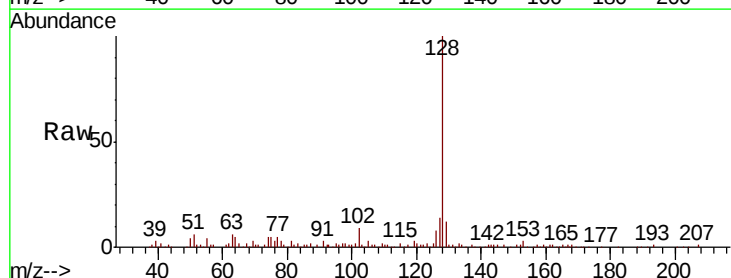


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

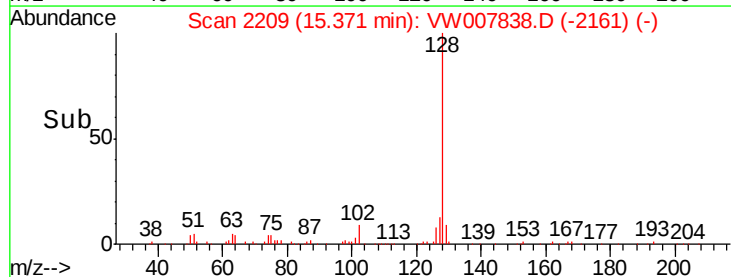
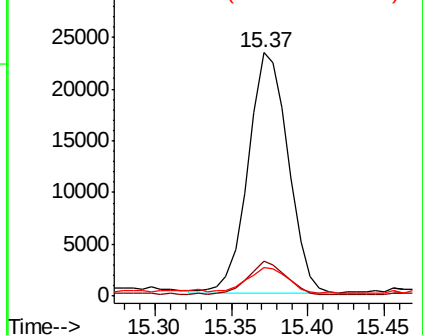


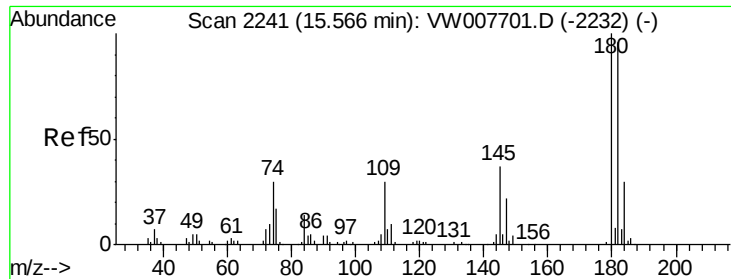
#95
 Naphthalene
 Concen: 149.550 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion:128 Resp: 42141
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.7 16.1
 129 10.2 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: 3.595 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Tgt Ion:180 Resp: 469
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.4 142.2
 145 297.2 18.4 55.0#

