

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007520.D
 Acq On : 14 Dec 2018 07:10
 Operator : SY/AP
 Sample : J6357-03
 Misc : 3.98G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

Quant Time: Dec 14 07:42:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	36832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	13353	60.86	ug/l	0.00
Spiked Amount			Recovery	=	121.72%	
35) Dibromofluoromethane	7.88	113	12164	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
50) Toluene-d8	10.32	98	27463	32.85	ug/l	0.00
Spiked Amount			Recovery	=	65.70%	
62) 4-Bromofluorobenzene	12.62	95	7944	25.85	ug/l	0.00
Spiked Amount			Recovery	=	51.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acrylonitrile	5.42	53	1209	30.007	ug/l #	36
16) Acetone	4.13	43	4715	123.035	ug/l	96
20) Methylene Chloride	4.92	84	1793	5.032	ug/l #	86
25) 2-Butanone	7.18	43	1599	31.961	ug/l #	76
27) cis-1,2-Dichloroethene	7.18	96	857	3.607	ug/l	91
31) Cyclohexane	7.96	56	15598	45.764	ug/l	97
36) 1,1-Dichloropropene	7.94	75	1581	4.705	ug/l #	60
37) Ethyl Acetate	7.26	43	216	1.728	ug/l #	66
38) Carbon Tetrachloride	7.95	117	2006	5.487	ug/l #	13
39) Methylcyclohexane	9.33	83	8663	21.293	ug/l #	91
40) Benzene	8.32	78	17385	18.645	ug/l	95
48) Methyl methacrylate	9.51	41	128	1.010	ug/l #	48
51) 4-Methyl-2-Pentanone	10.22	43	133	1.140	ug/l #	34
52) Toluene	10.39	92	3673	6.087	ug/l	96
65) Chlorobenzene	11.66	112	56855	110.239	ug/l	97
67) Ethyl Benzene	11.84	91	3002878	3386.552	ug/l #	60
68) m/p-Xylenes	11.84	106	1433477	4158.466	ug/l	98
69) o-Xylene	12.17	106	345018	1071.687	ug/l	97
70) Styrene	12.16	104	18137	34.879	ug/l #	1
73) Isopropylbenzene	12.47	105	5568	9.579	ug/l	97
74) N-amyl acetate	12.17	43	596	5.642	ug/l #	1
76) 1,2,3-Trichloropropane	12.86	75	157	2.510	ug/l #	1
78) n-propylbenzene	12.81	91	7187	10.987	ug/l	97
79) 2-Chlorotoluene	12.87	91	3240	8.186	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	13051	26.721	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	4213	148.789	ug/l #	7
82) 4-Chlorotoluene	12.95	91	1367	3.276	ug/l #	43
83) tert-Butylbenzene	13.26	119	6437	14.957	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	49371	98.232	ug/l	99
85) sec-Butylbenzene	13.26	105	49371	84.037	ug/l #	54
86) p-Isopropyltoluene	13.50	119	1265	2.397	ug/l	95
87) 1,3-Dichlorobenzene	13.51	146	3260	12.690	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	28336	109.719	ug/l	97
89) n-Butylbenzene	13.76	91	1084	2.216	ug/l #	51

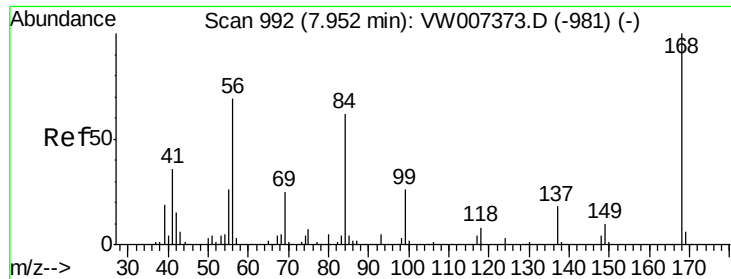
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
Data File : VW007520.D
Acq On : 14 Dec 2018 07:10
Operator : SY/AP
Sample : J6357-03
Misc : 3.98G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Quant Time: Dec 14 07:42:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	112	1.193	ug/l #	14
91) 1,2-Dichlorobenzene	13.88	146	1114	4.842	ug/l	95
95) Naphthalene	15.38	128	1599	5.279	ug/l #	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

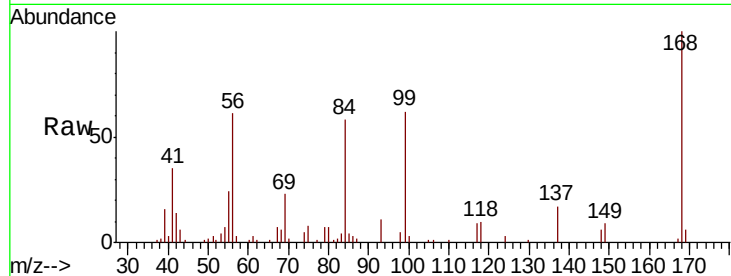
P001-SD001-0612-01

Tot Ion:168 Resp: 19776

Ion Ratio Lower Upper

168 100

99 61.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

10000

8000

6000

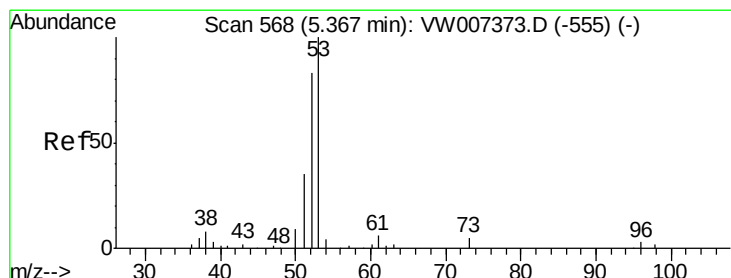
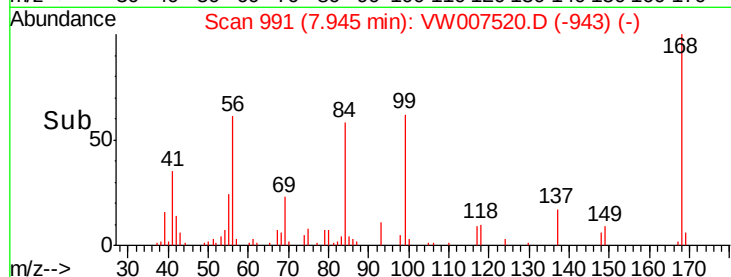
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#15

Acrylonitrile

Concen: 30.007 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

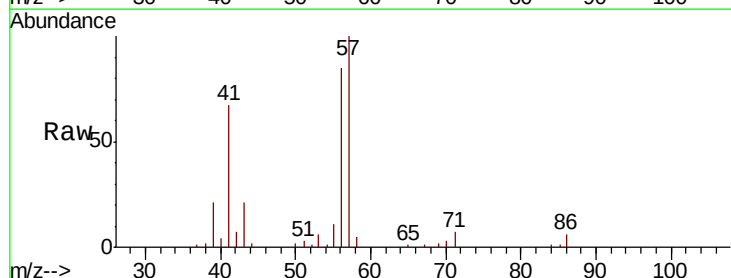
Tgt Ion: 53 Resp: 1209

Ion Ratio Lower Upper

53 100

52 12.4 67.4 101.2#

51 55.9 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW

5.42

500

400

300

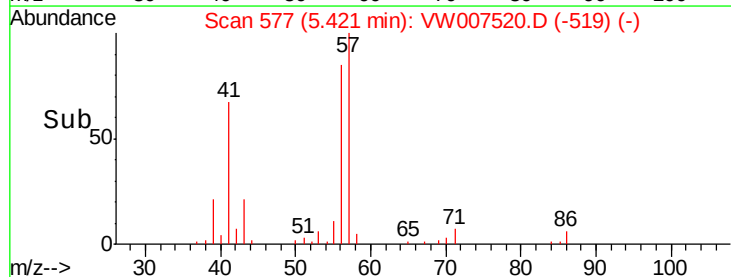
200

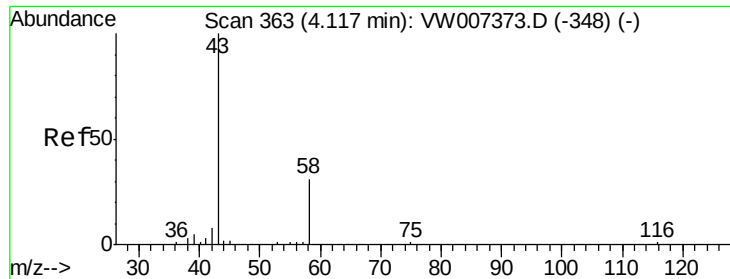
100

0

Time-->

5.35 5.40 5.45 5.50





#16

Acetone

Concen: 123.035 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

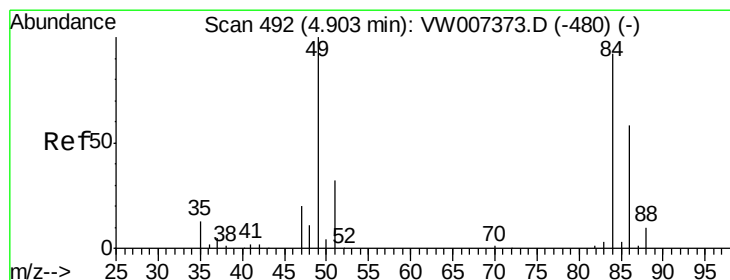
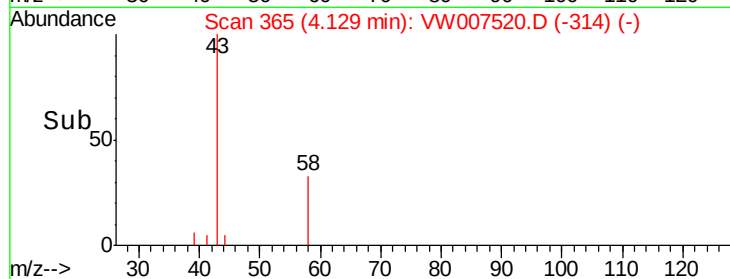
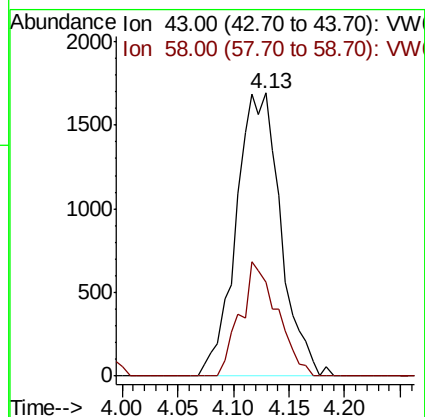
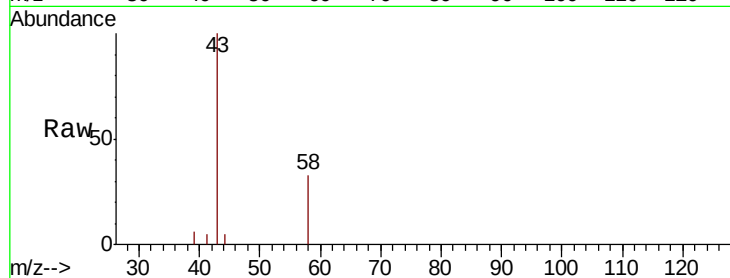
P001-SD001-0612-01

Tot Ion: 43 Resp: 4715

Ion Ratio Lower Upper

43 100

58 33.4 24.9 37.3



#20

Methylene Chloride

Concen: 5.032 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Tgt Ion: 84 Resp: 1793

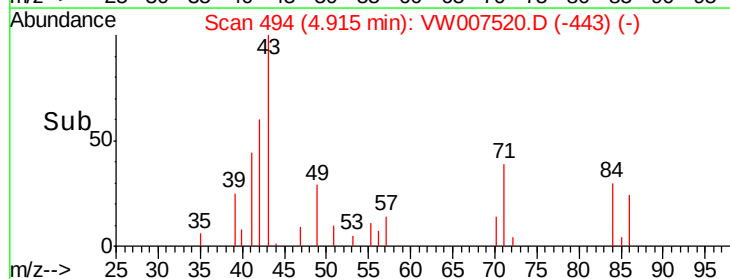
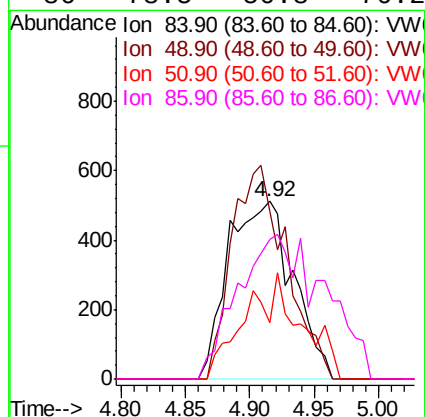
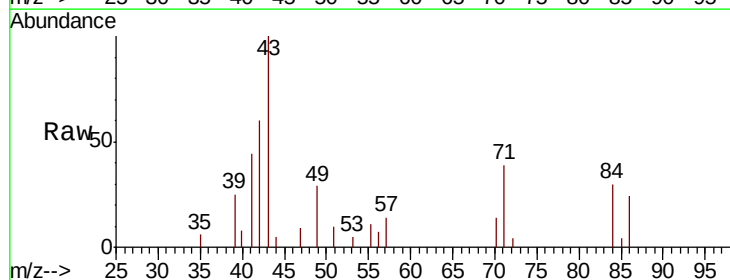
Ion Ratio Lower Upper

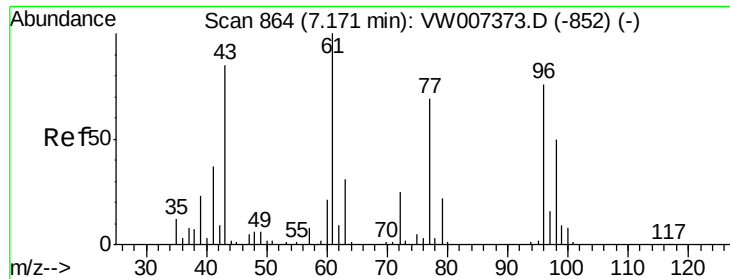
84 100

49 94.5 87.1 130.7

51 31.5 28.2 42.2

86 78.5 50.8 76.2#





#25

2-Butanone

Concen: 31.961 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

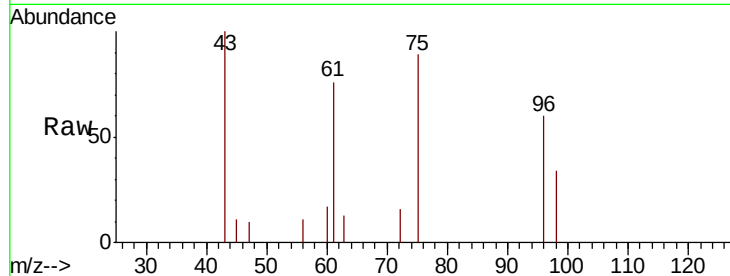
P001-SD001-0612-01

Tot Ion: 43 Resp: 1599

Ion Ratio Lower Upper

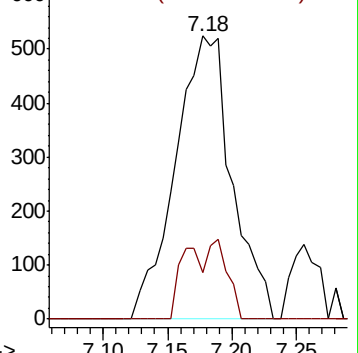
43 100

72 16.2 23.4 35.2#

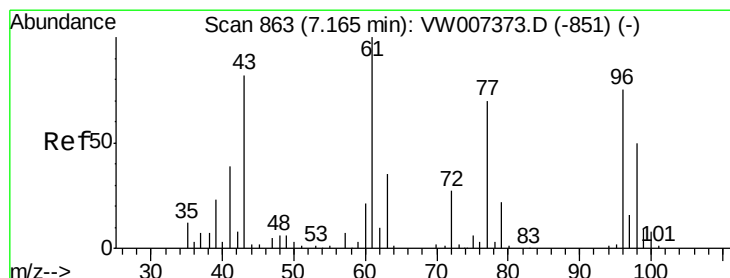
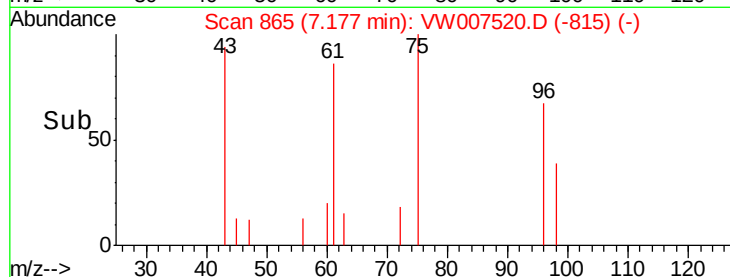


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.607 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

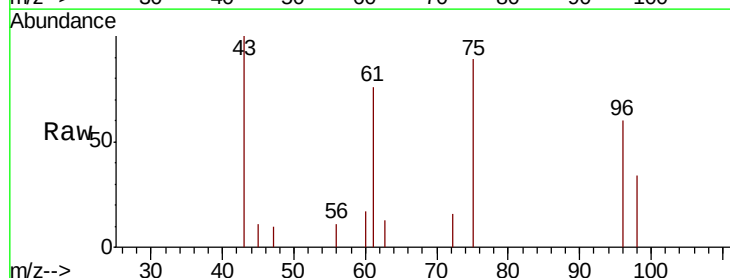
Tgt Ion: 96 Resp: 857

Ion Ratio Lower Upper

96 100

61 129.6 0.0 268.4

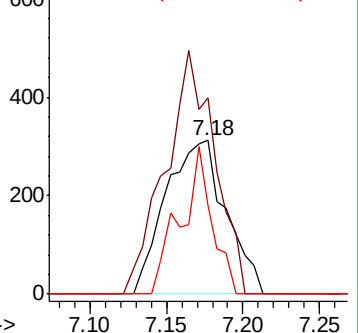
98 49.6 0.0 127.8



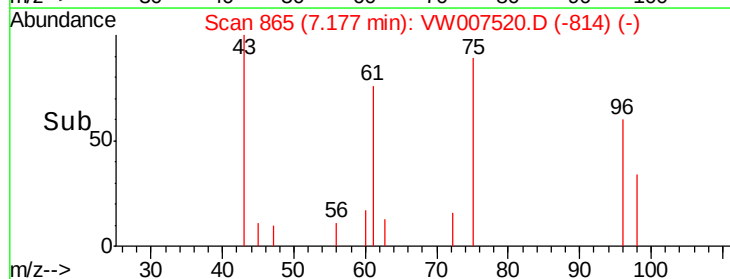
Abundance Ion 95.90 (95.60 to 96.60): VW

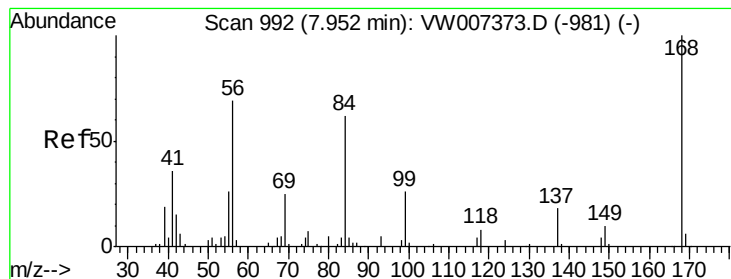
Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->





#31

Cyclohexane

Concen: 45.764 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD001-0612-01

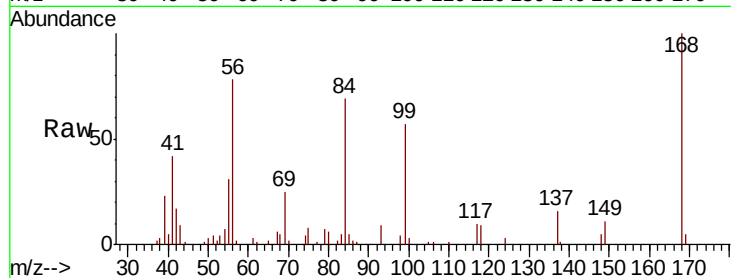
Tot Ion: 56 Resp: 15598

Ion Ratio Lower Upper

56 100

69 32.3 28.9 43.3

84 88.7 71.8 107.6

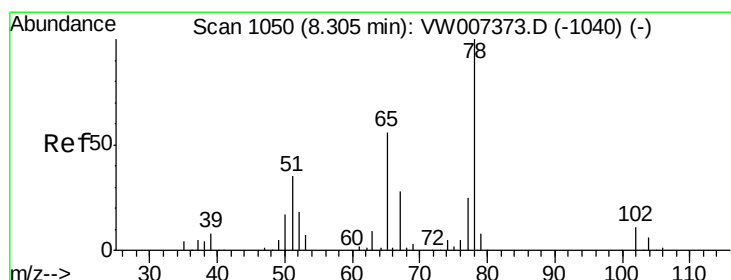
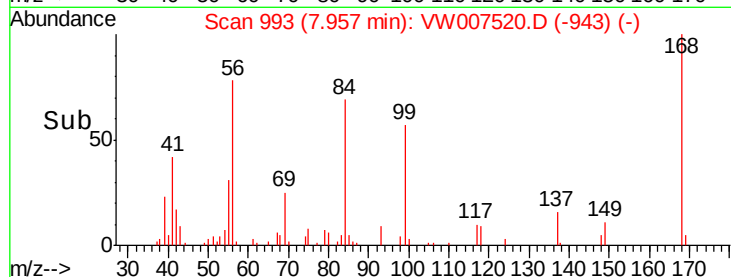
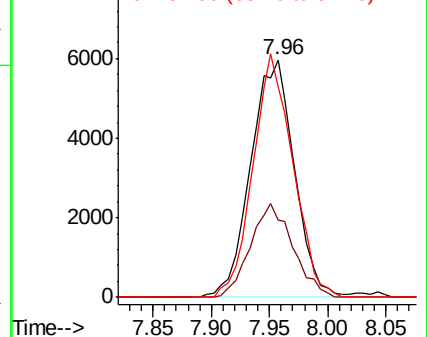


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 60.862 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007520.D

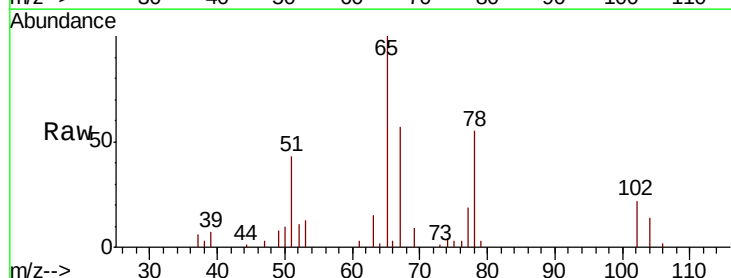
Acq: 14 Dec 2018 07:10

Tgt Ion: 65 Resp: 13353

Ion Ratio Lower Upper

65 100

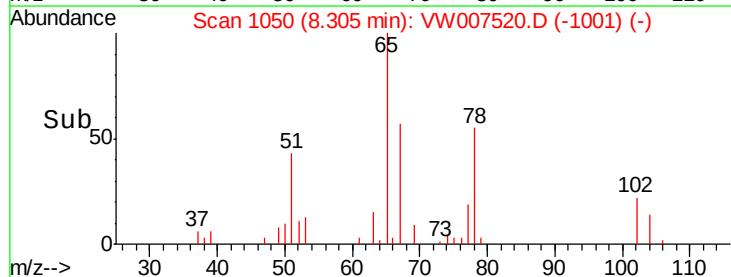
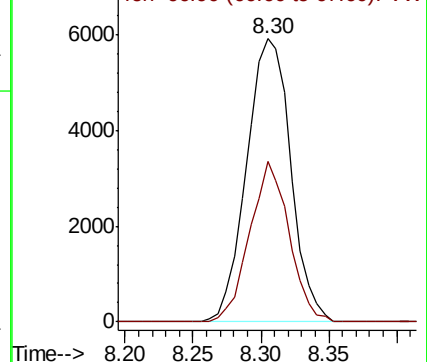
67 50.6 0.0 101.6

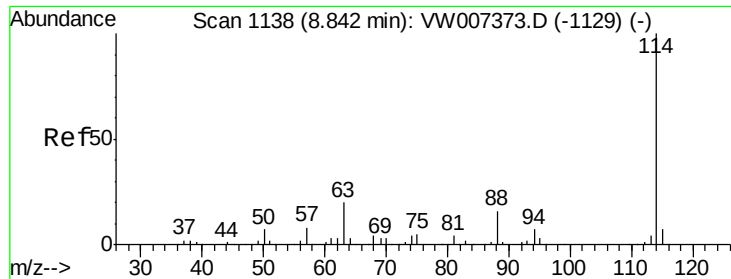


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

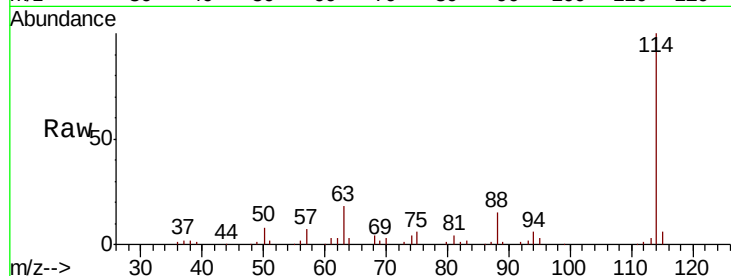




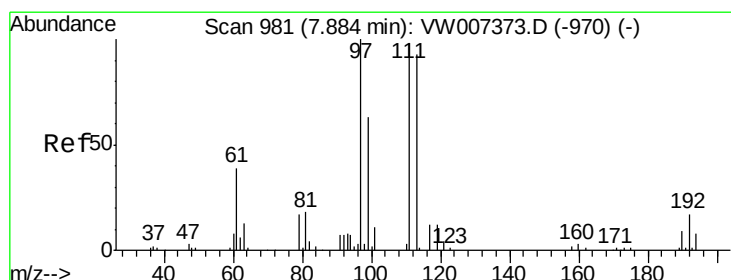
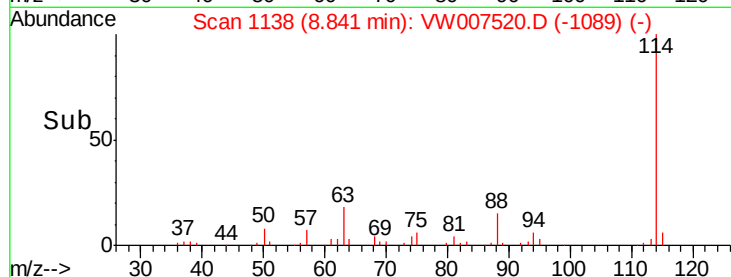
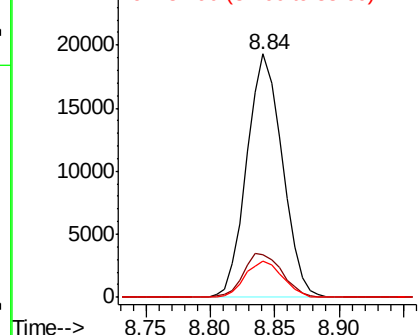
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tot Ion:114 Resp: 36832
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.8 0.0 31.4

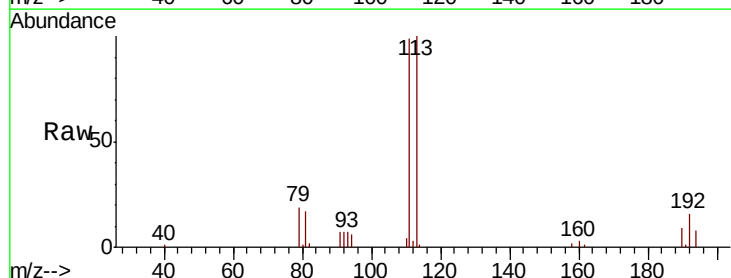


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

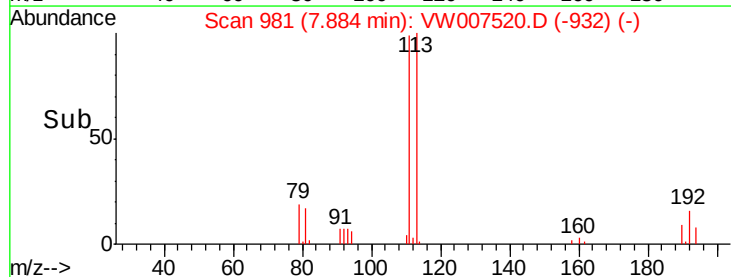
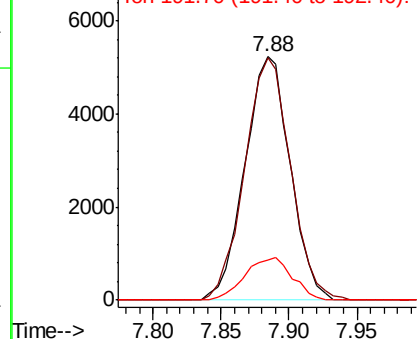


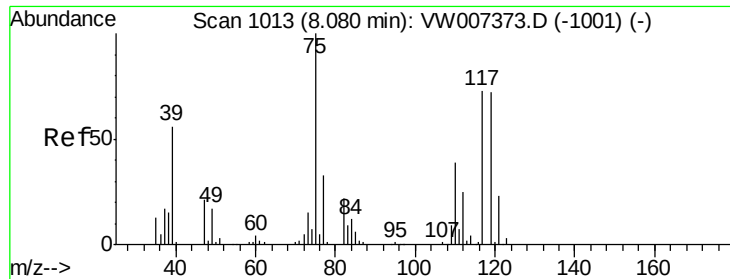
#35
Dibromofluoromethane
Concen: 54.557 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:113 Resp: 12164
Ion Ratio Lower Upper
113 100
111 100.6 81.1 121.7
192 18.1 14.6 21.8



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

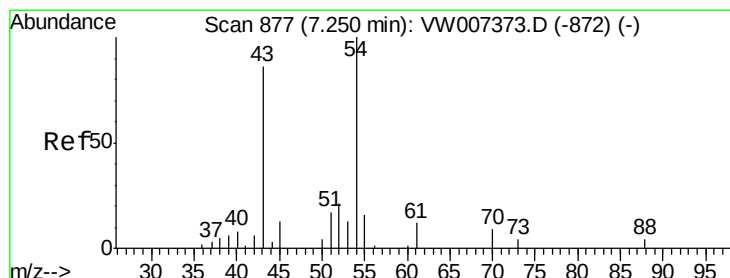
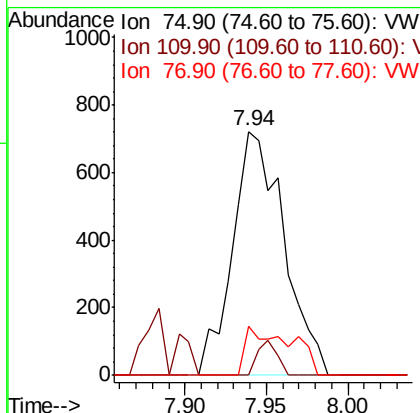
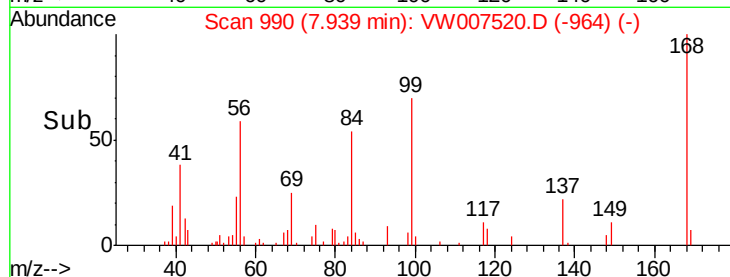
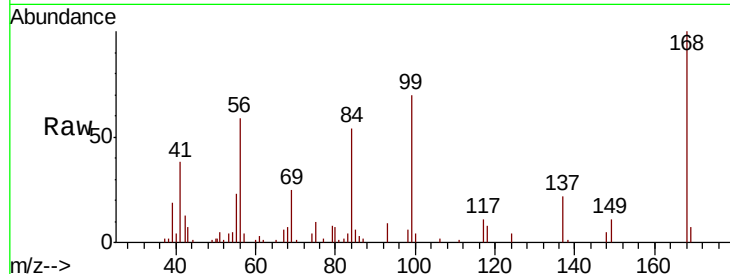




#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

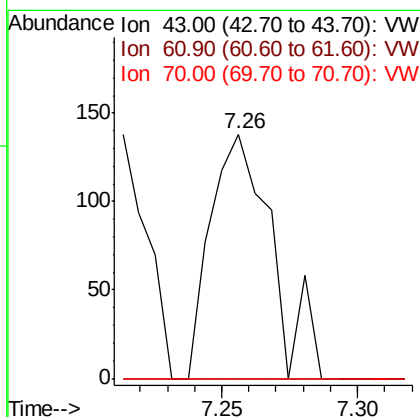
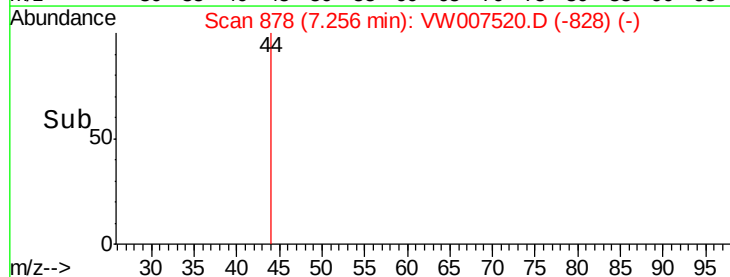
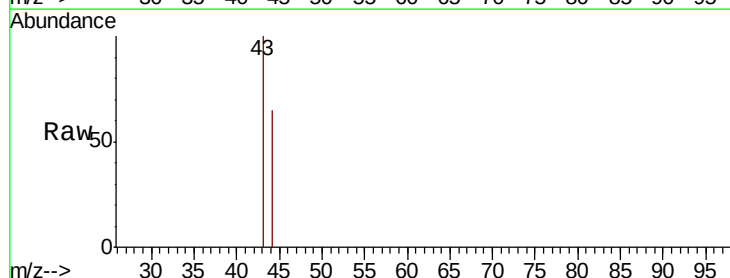
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

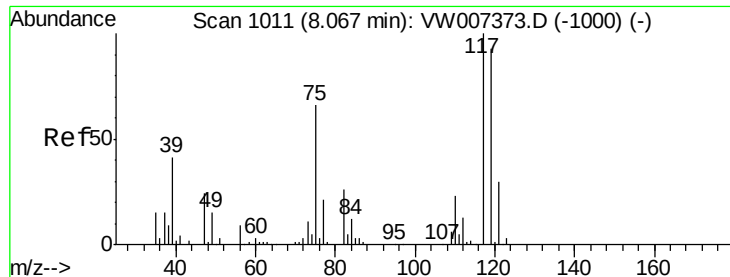
Tot Ion: 75 Resp: 1581
 Ion Ratio Lower Upper
 75 100
 110 5.4 18.5 55.5#
 77 17.6 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 1.728 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Tgt Ion: 43 Resp: 216
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 10.0 15.0#

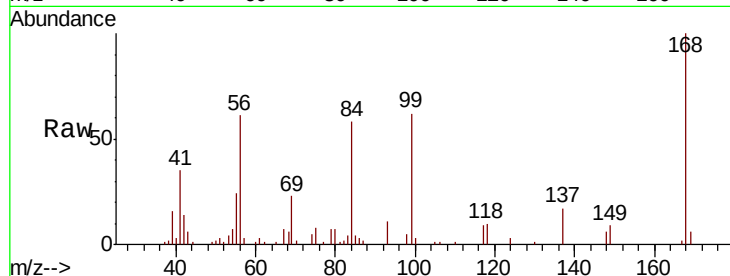




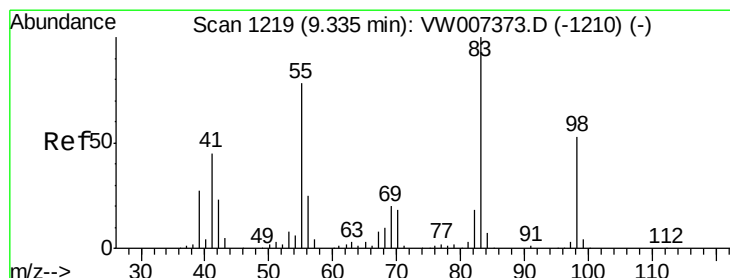
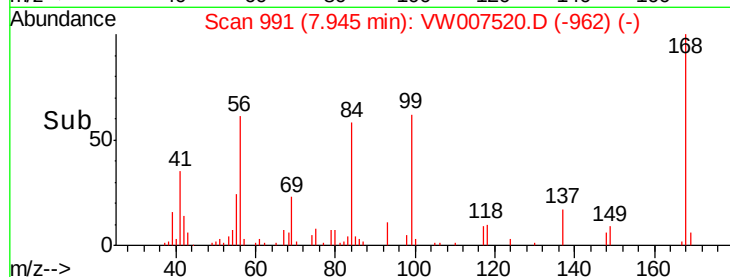
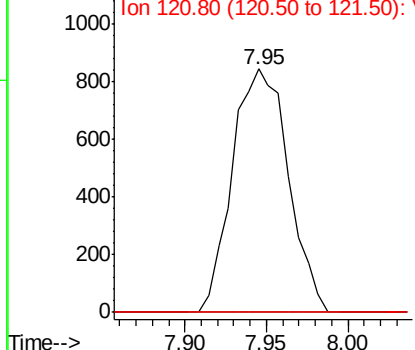
#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tot Ion:117 Resp: 2006
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

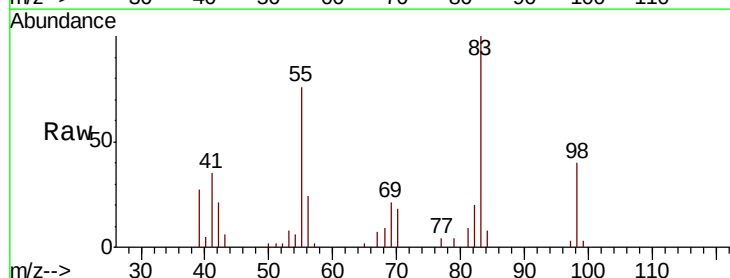


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

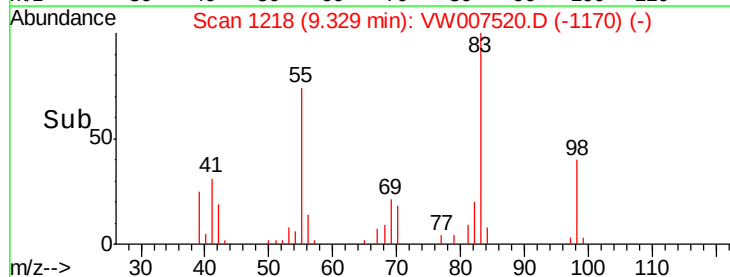
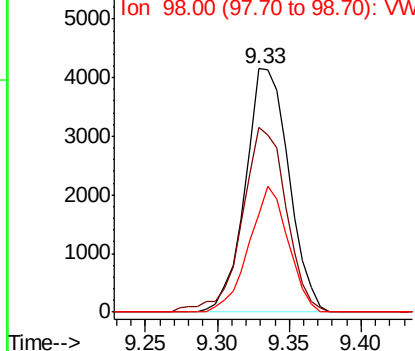


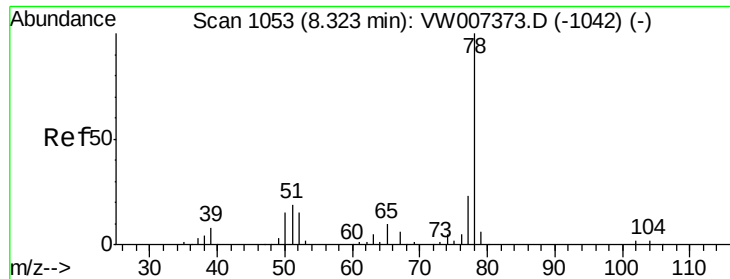
#39
Methylcyclohexane
Concen: 21.293 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 83 Resp: 8663
Ion Ratio Lower Upper
83 100
55 75.9 62.8 94.2
98 40.2 42.2 63.2#



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





#40

Benzene

Concen: 18.645 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

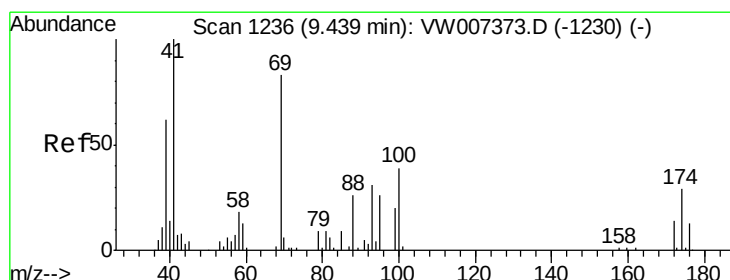
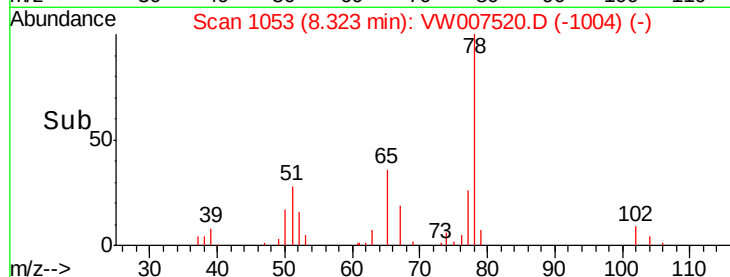
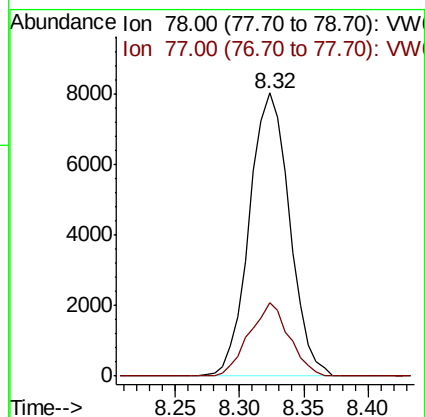
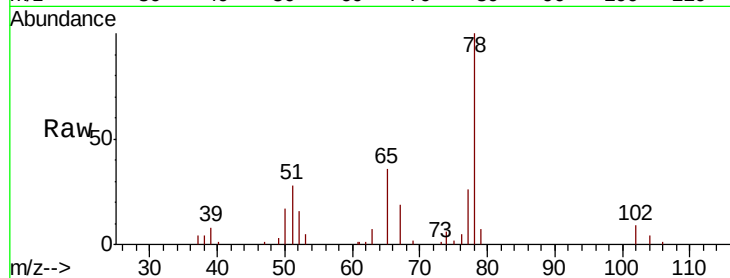
P001-SD001-0612-01

Tot Ion: 78 Resp: 17385

Ion Ratio Lower Upper

78 100

77 25.8 18.8 28.2



#48

Methyl methacrylate

Concen: 1.010 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.07 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

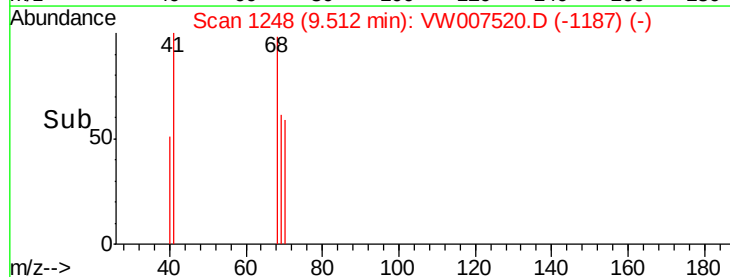
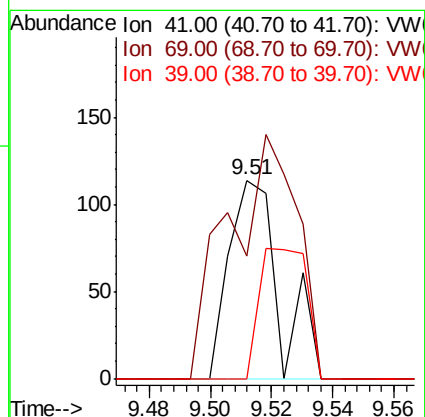
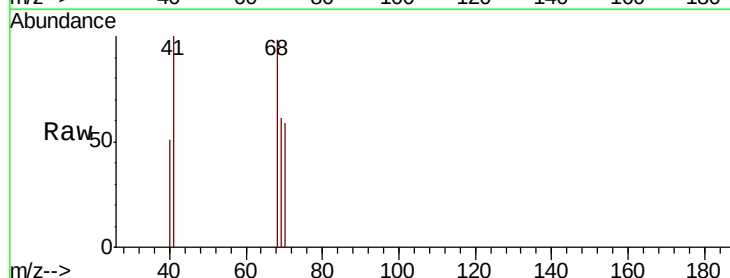
Tgt Ion: 41 Resp: 128

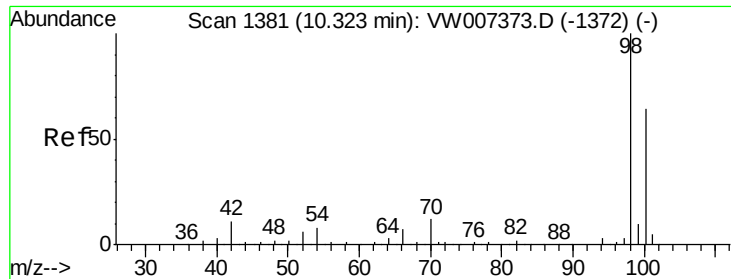
Ion Ratio Lower Upper

41 100

69 169.5 69.8 104.8#

39 63.3 50.9 76.3





#50

Toluene-d8

Concen: 32.852 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

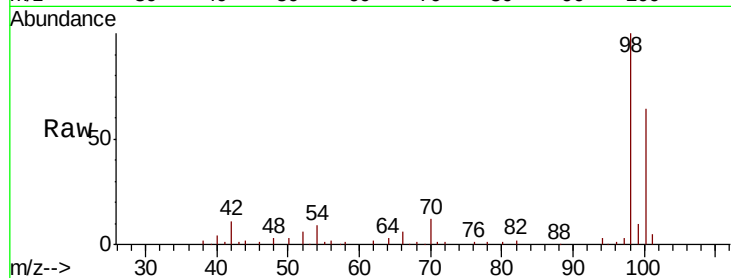
P001-SD001-0612-01

Tot Ion: 98 Resp: 27463

Ion Ratio Lower Upper

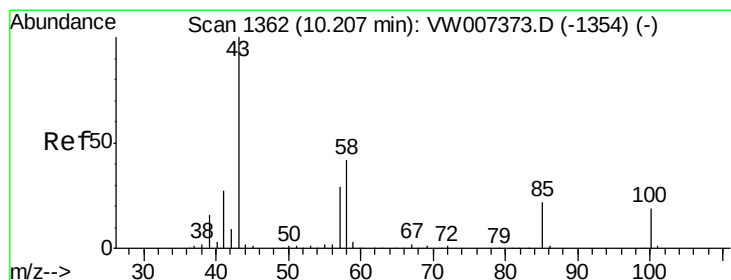
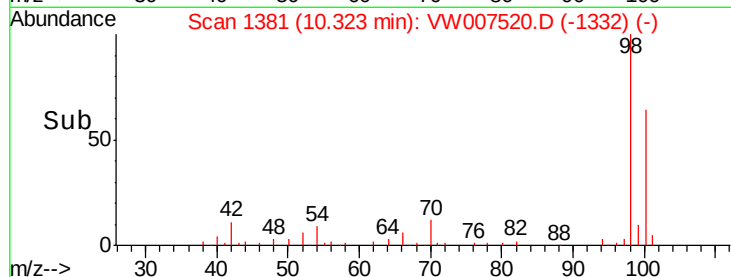
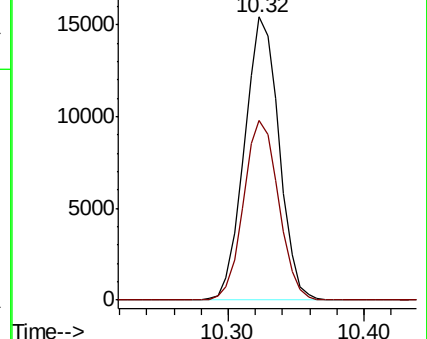
98 100

100 64.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.140 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007520.D

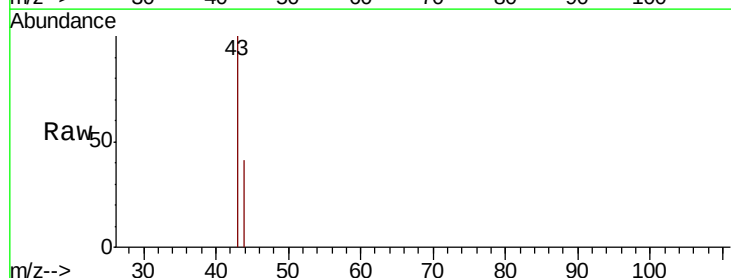
Acq: 14 Dec 2018 07:10

Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

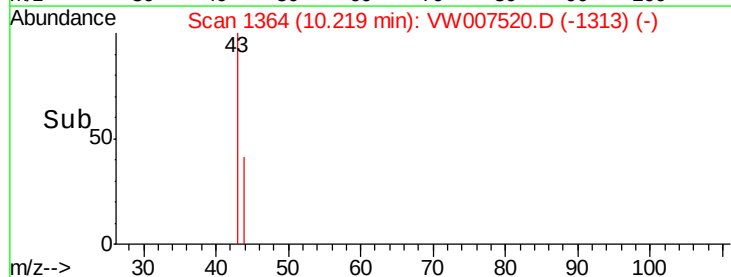
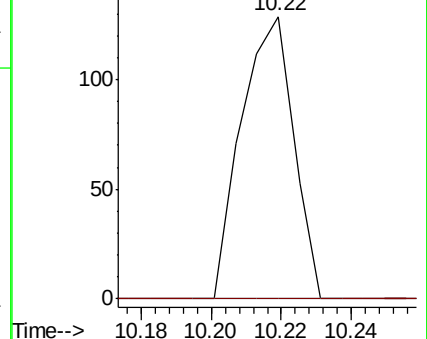
43 100

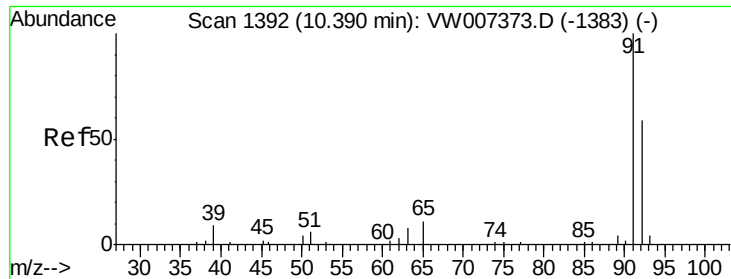
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 6.087 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

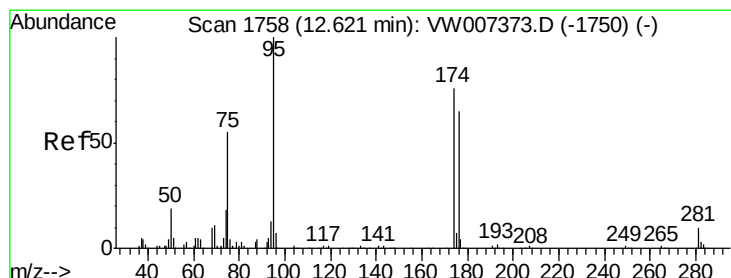
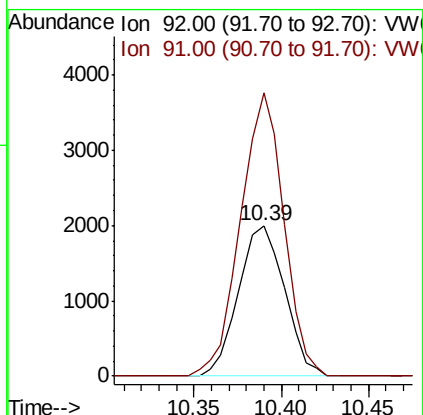
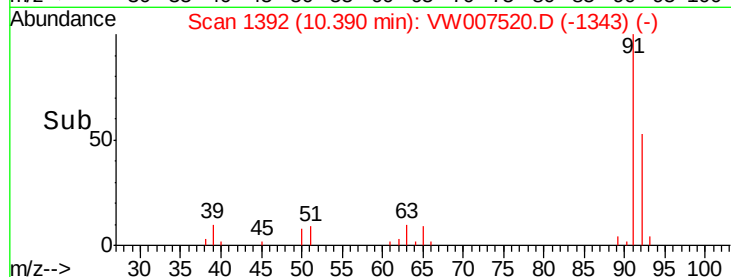
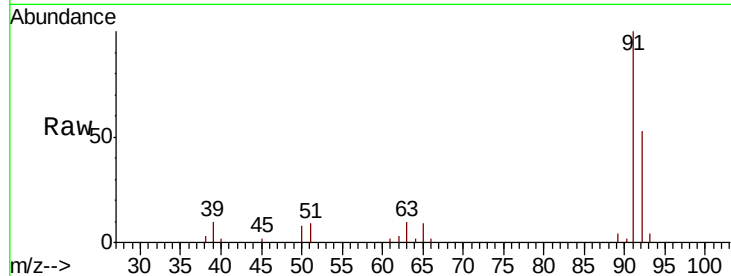
P001-SD001-0612-01

Tot Ion: 92 Resp: 3673

Ion Ratio Lower Upper

92 100

91 176.2 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 25.845 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

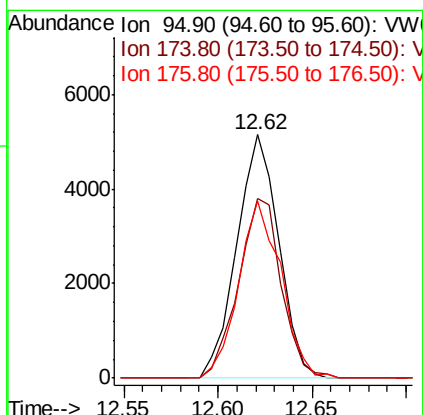
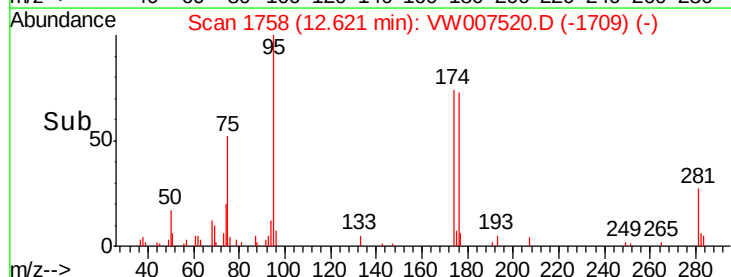
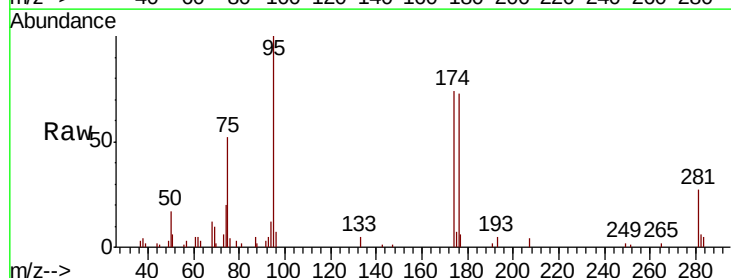
Tgt Ion: 95 Resp: 7944

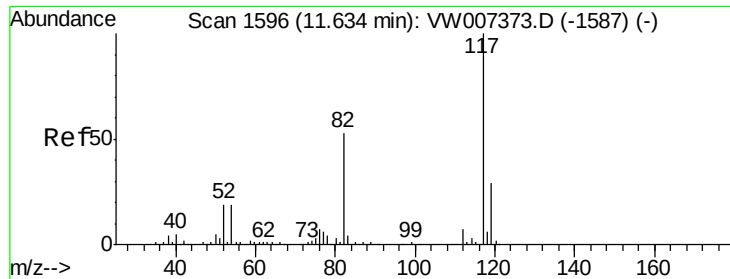
Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.2

176 73.4 0.0 138.8

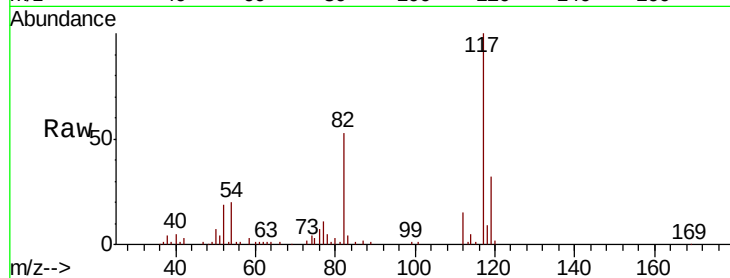




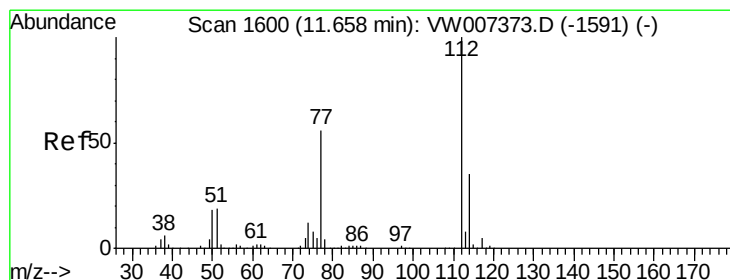
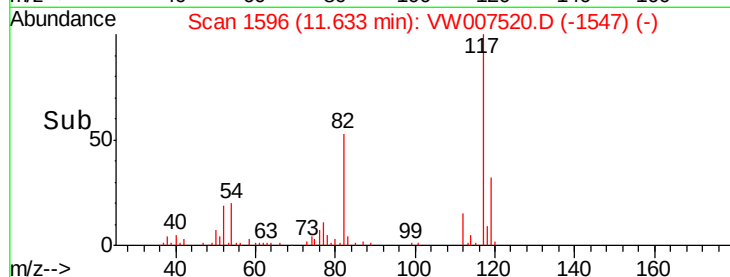
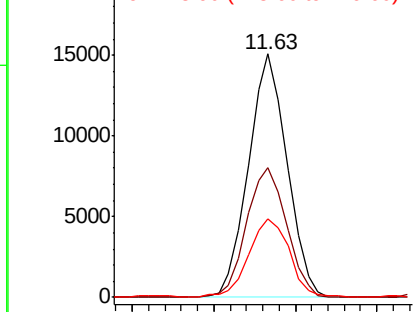
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tot Ion:117 Resp: 24744
Ion Ratio Lower Upper
117 100
82 53.3 42.3 63.5
119 32.0 23.0 34.6

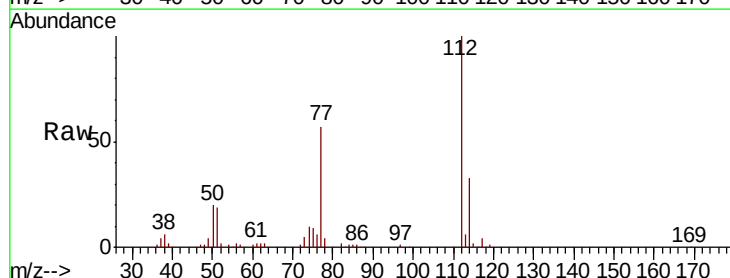


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

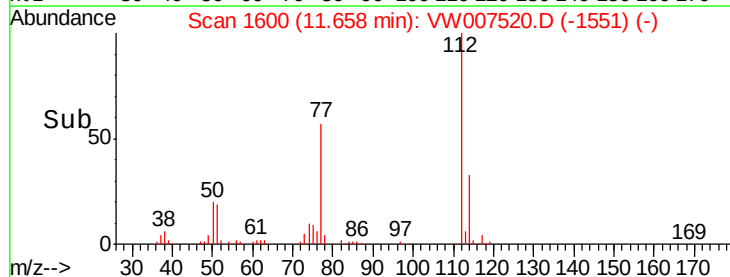
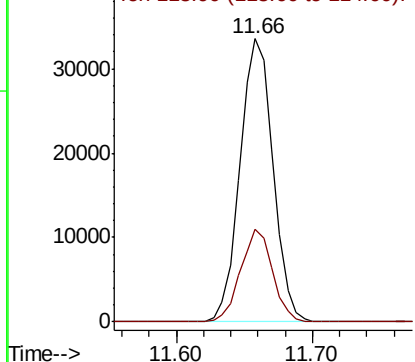


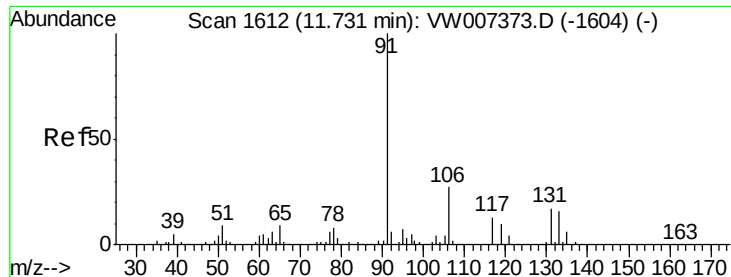
#65
Chlorobenzene
Concen: 110.239 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:112 Resp: 56855
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

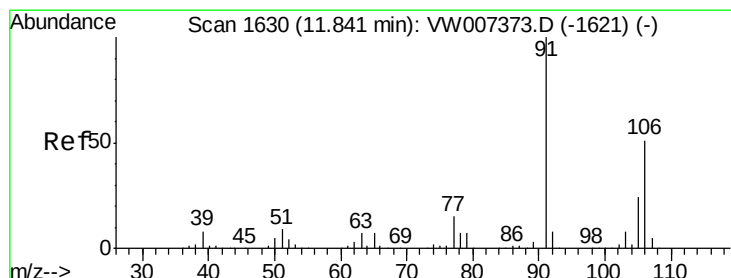
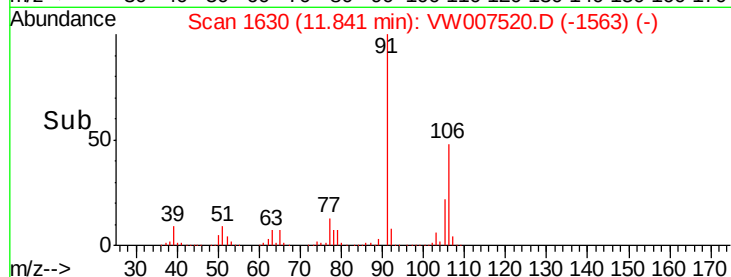
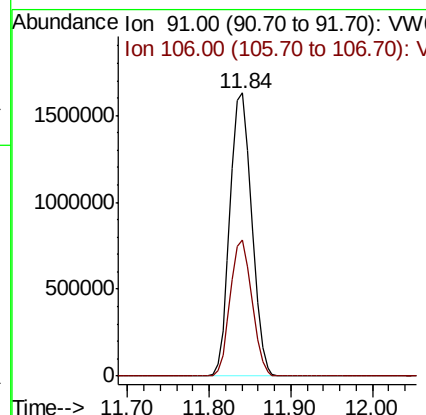
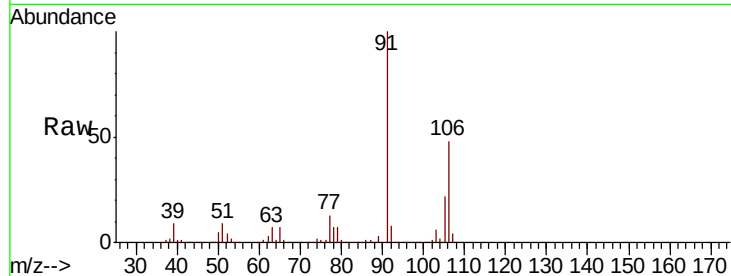




#67
Ethyl Benzene
Concen: 3386.552 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.11 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

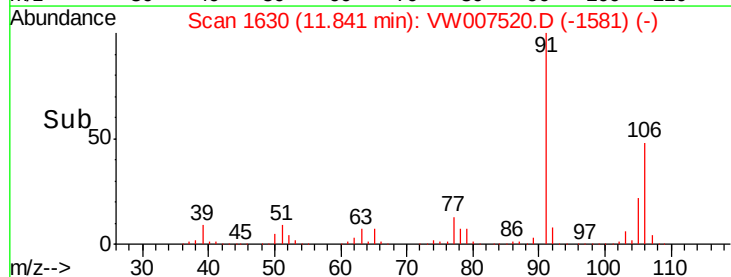
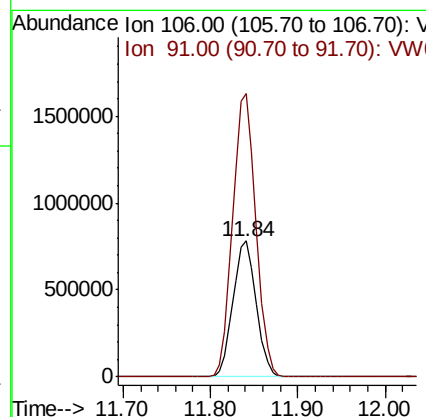
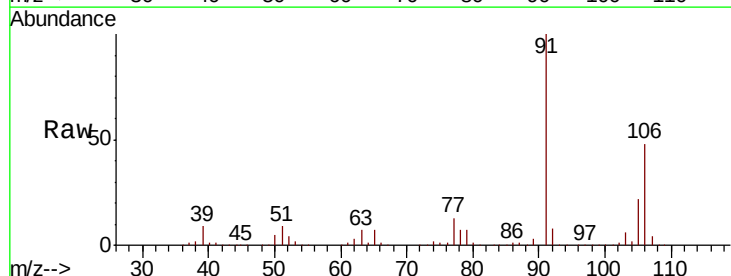
Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

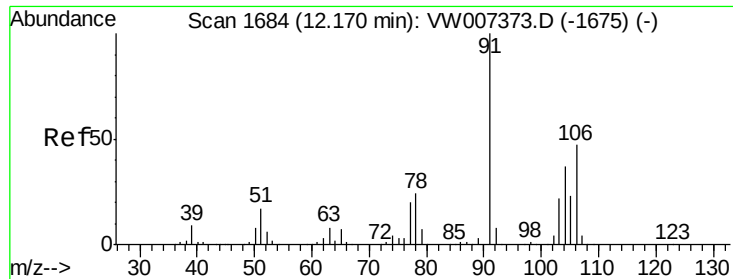
Tot Ion: 91 Resp: 3002878
Ion Ratio Lower Upper
91 100
106 48.0 21.8 32.8#



#68
m/p-Xylenes
Concen: 4158.466 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:106 Resp: 1433477
Ion Ratio Lower Upper
106 100
91 209.5 165.3 247.9

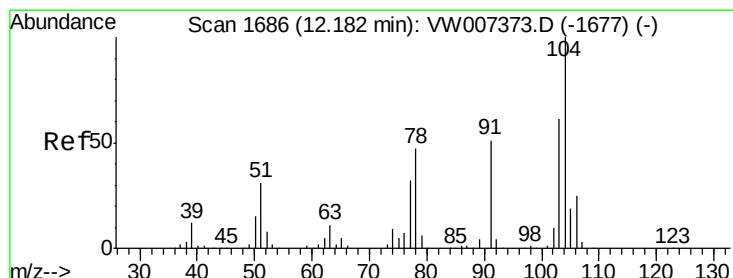
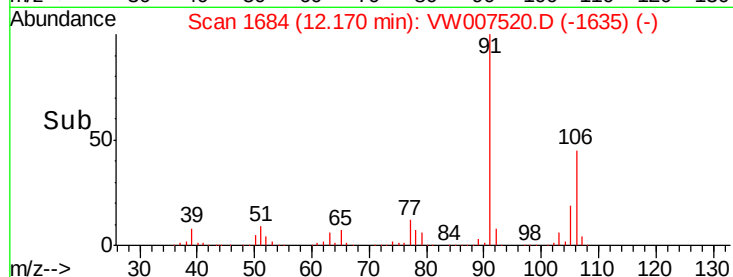
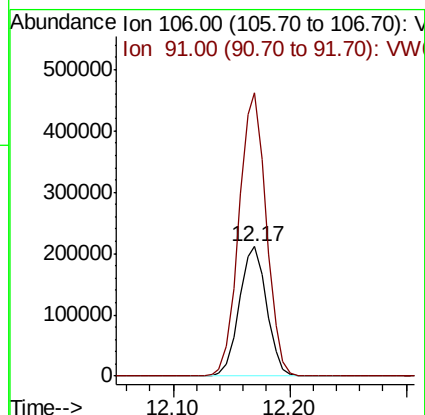
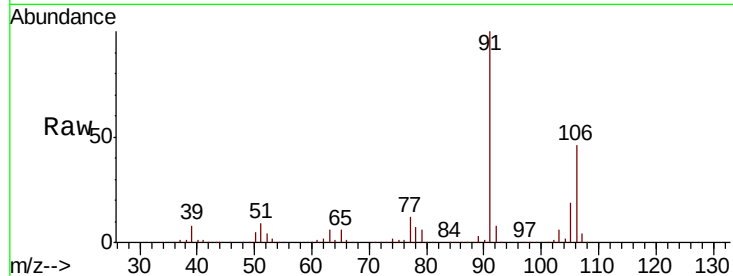




#69
o-Xylene
Concen: 1071.687 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

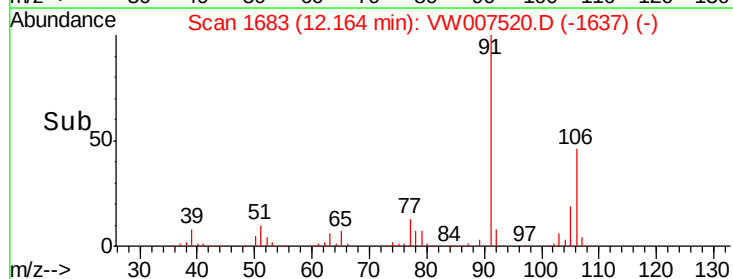
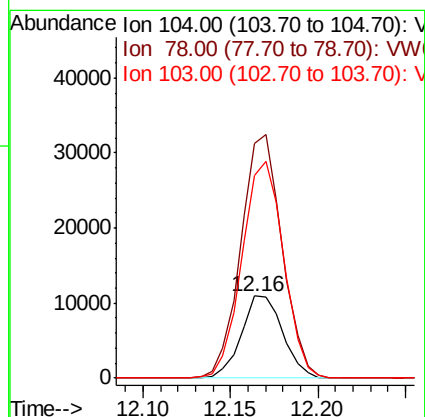
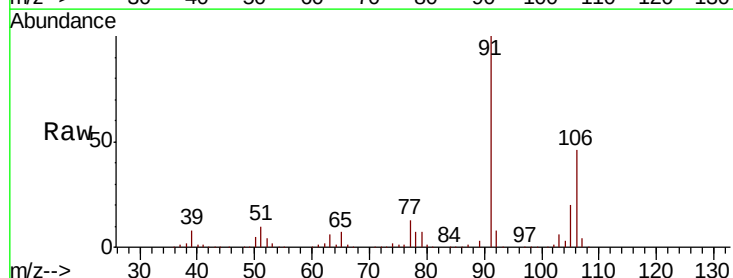
Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

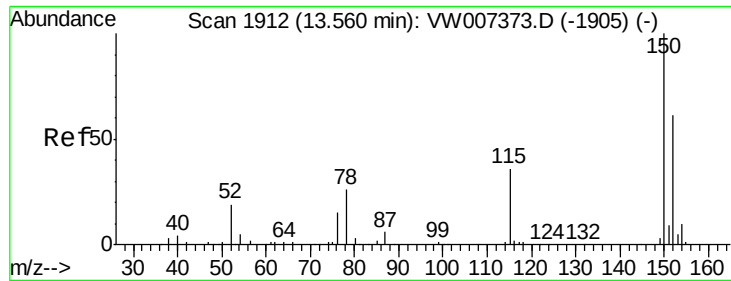
Tot Ion:106 Resp: 345018
Ion Ratio Lower Upper
106 100
91 218.0 106.6 319.8



#70
Styrene
Concen: 34.879 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:104 Resp: 18137
Ion Ratio Lower Upper
104 100
78 293.1 41.8 62.8#
103 263.7 46.6 69.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD001-0612-01

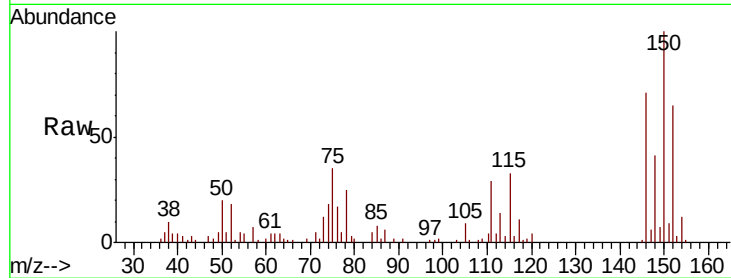
Tot Ion:152 Resp: 7586

Ion Ratio Lower Upper

152 100

115 69.5 31.4 94.2

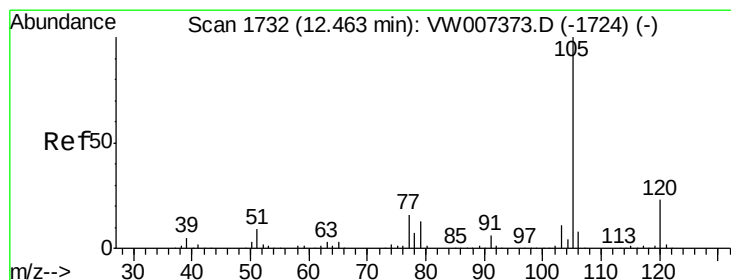
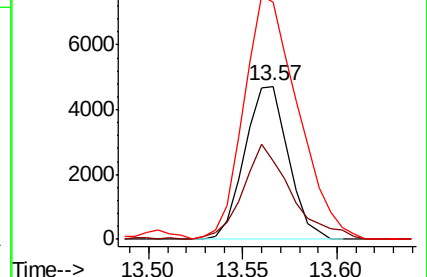
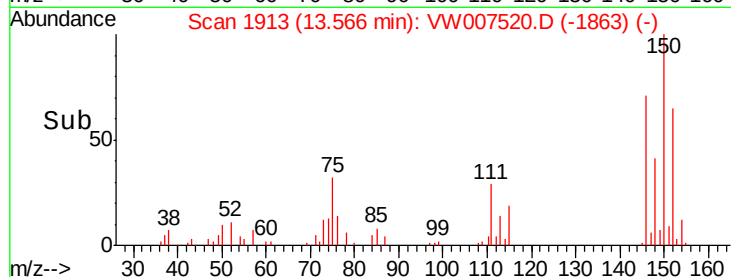
150 196.6 0.0 358.4



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: 9.579 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007520.D

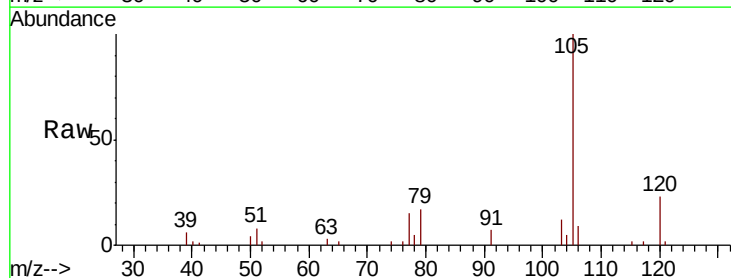
Acq: 14 Dec 2018 07:10

Tgt Ion:105 Resp: 5568

Ion Ratio Lower Upper

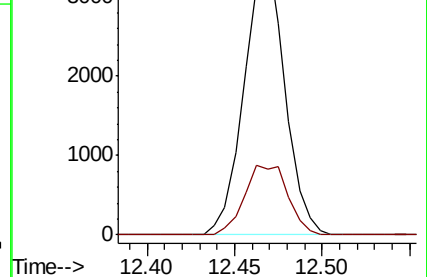
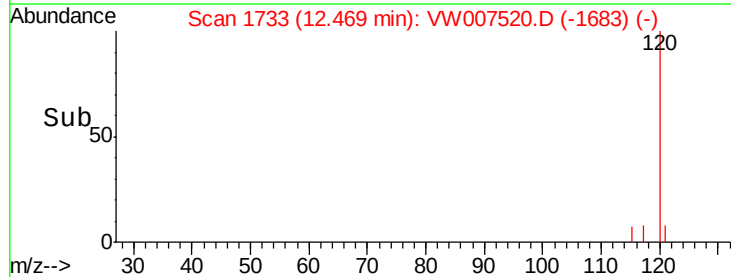
105 100

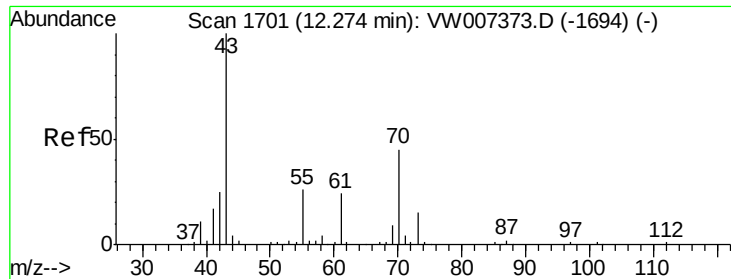
120 27.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 5.642 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.10 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD001-0612-01

Tot Ion: 43 Resp: 596

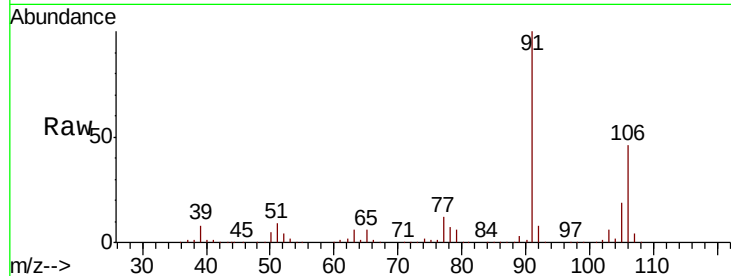
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 72.0 20.1 30.1#

61 1101.8 19.3 28.9#

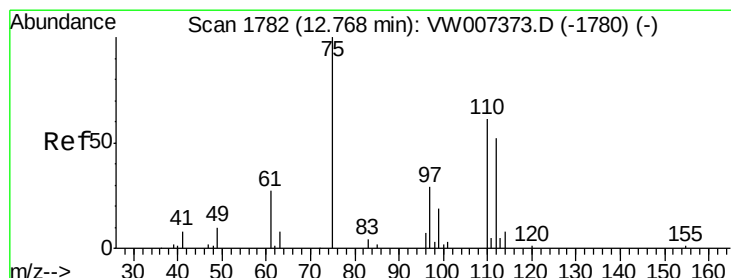
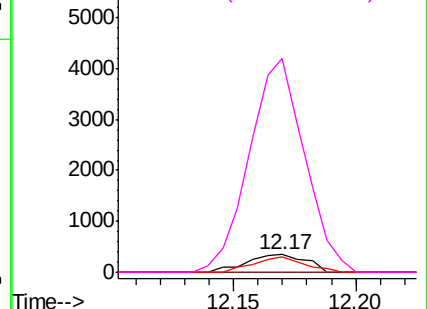
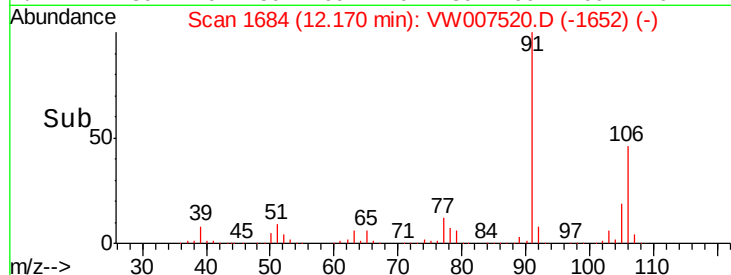


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 2.510 ug/l

RT: 12.86 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW007520.D

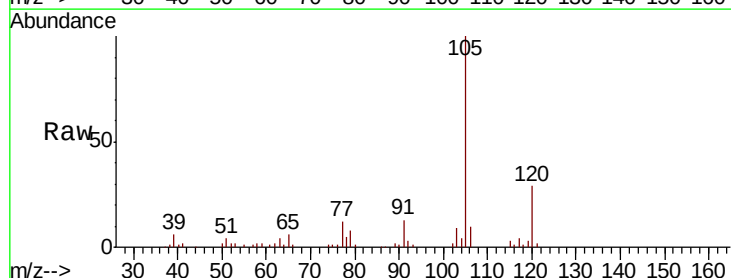
Acq: 14 Dec 2018 07:10

Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

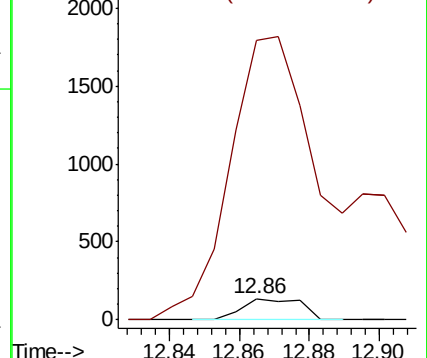
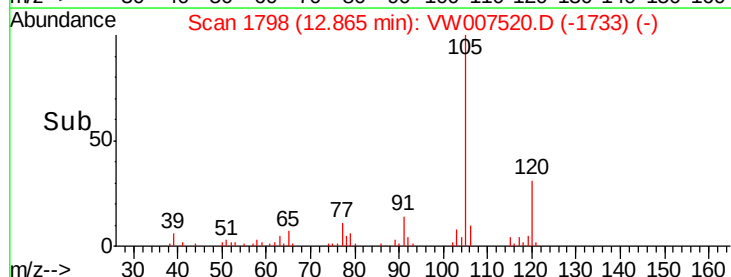
75 100

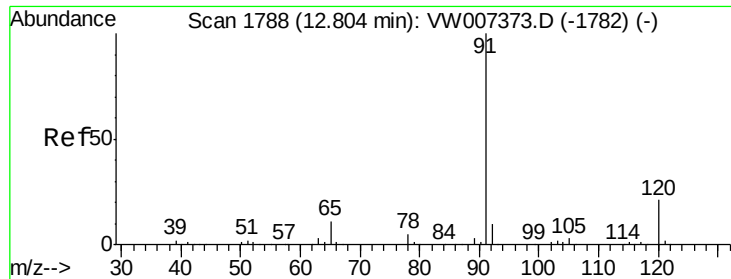
77 1951.6 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 10.987 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

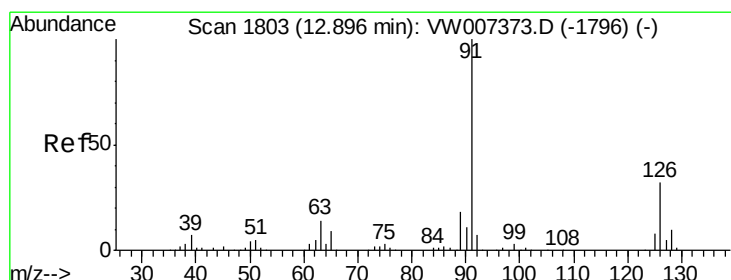
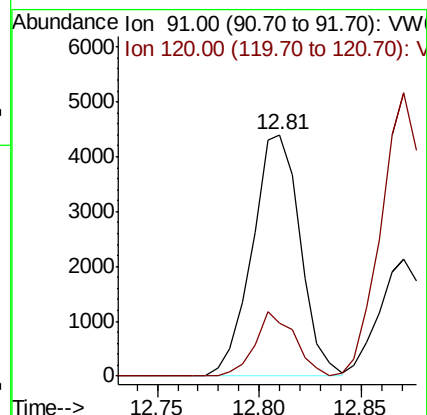
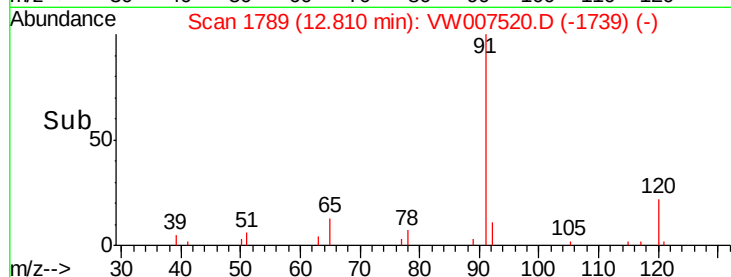
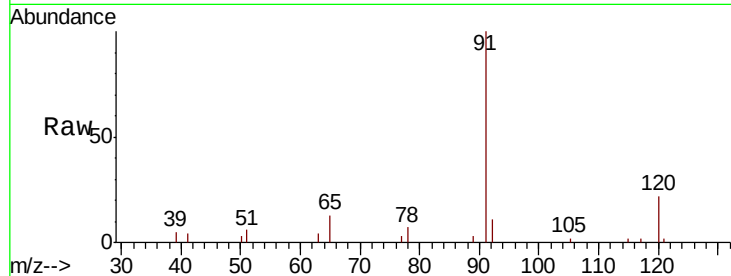
P001-SD001-0612-01

Tot Ion: 91 Resp: 7187

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 8.186 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007520.D

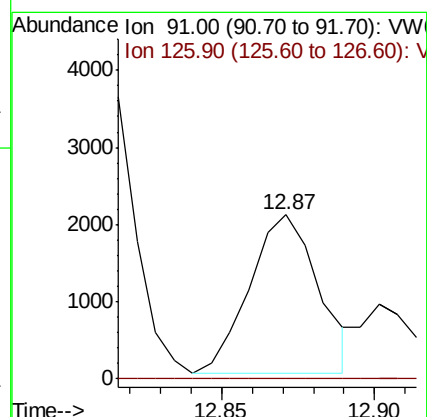
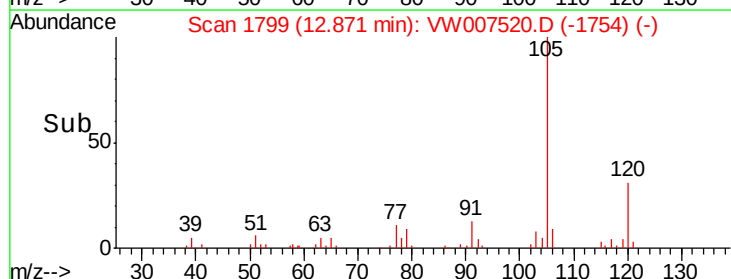
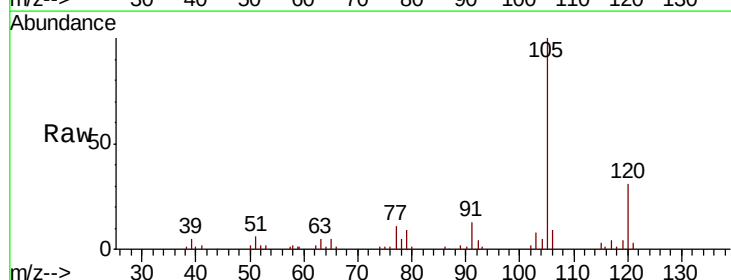
Acq: 14 Dec 2018 07:10

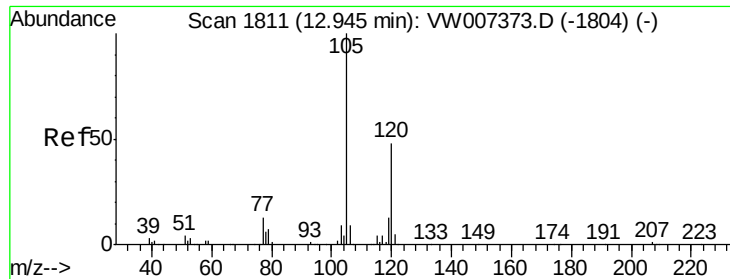
Tgt Ion: 91 Resp: 3240

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.6#

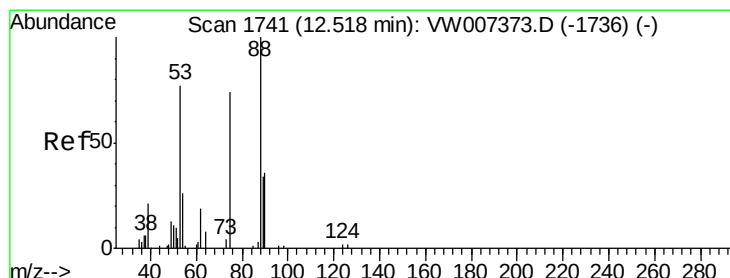
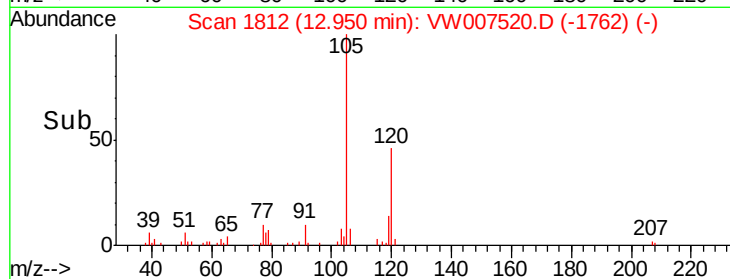
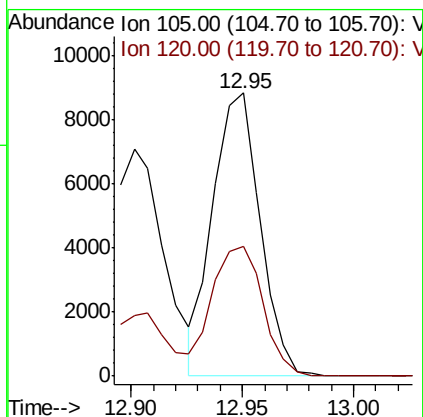
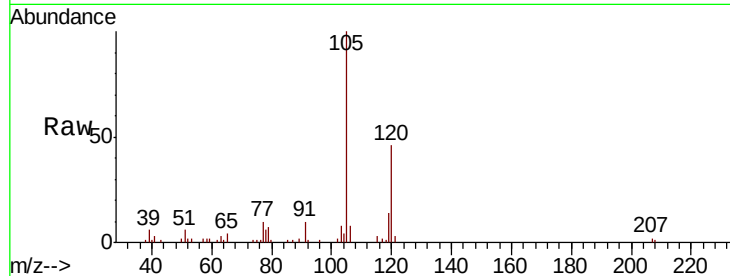




#80
 1,3,5-Trimethylbenzene
 Concen: 26.721 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

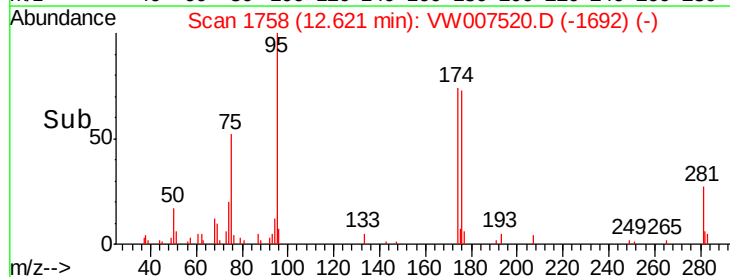
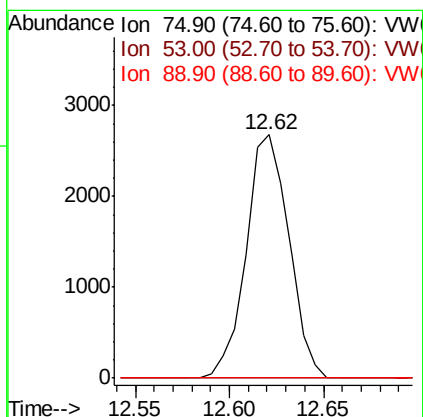
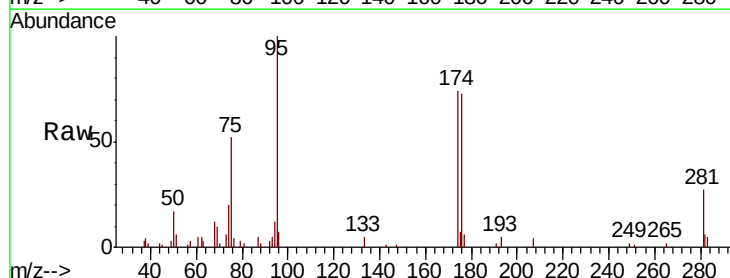
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

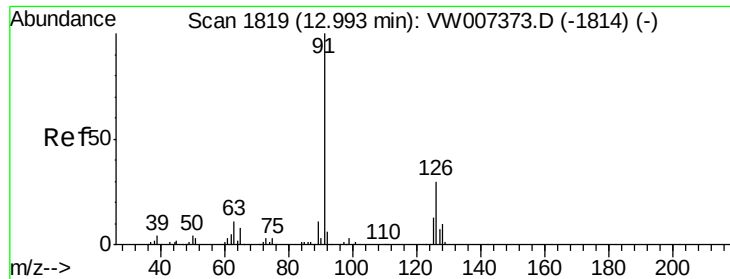
Tot Ion:105 Resp: 13051
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.789 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Tgt Ion: 75 Resp: 4213
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#





#82

4-Chlorotoluene

Concen: 3.276 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

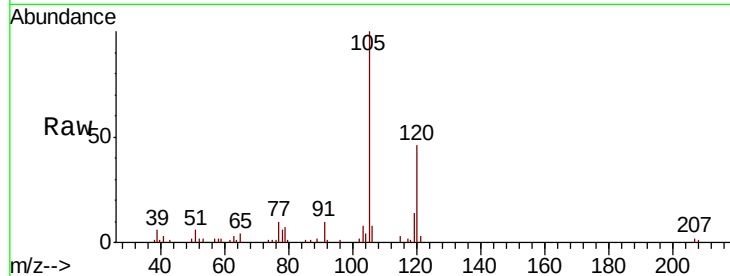
P001-SD001-0612-01

Tot Ion: 91 Resp: 1367

Ion Ratio Lower Upper

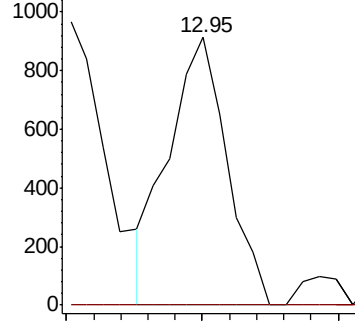
91 100

126 0.0 16.0 48.0#

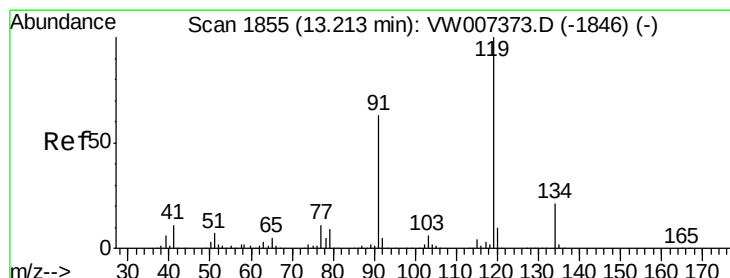
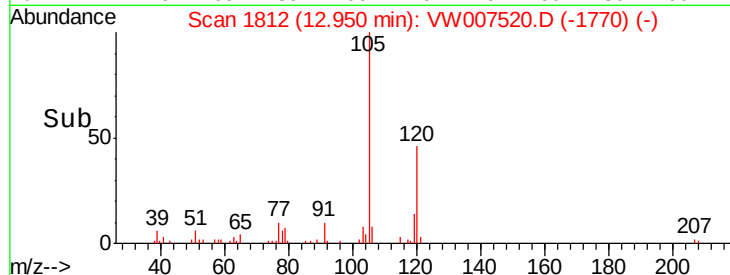


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time--> 12.90 12.95



#83

tert-Butylbenzene

Concen: 14.957 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

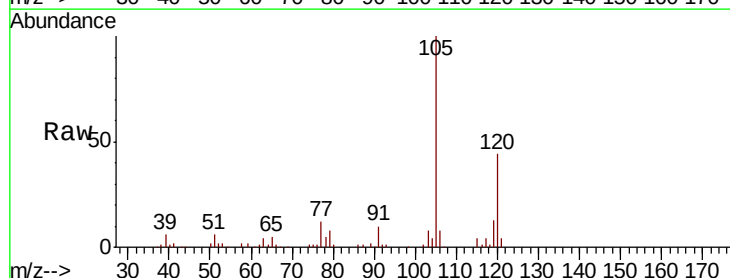
Tgt Ion: 119 Resp: 6437

Ion Ratio Lower Upper

119 100

91 84.5 33.1 99.2

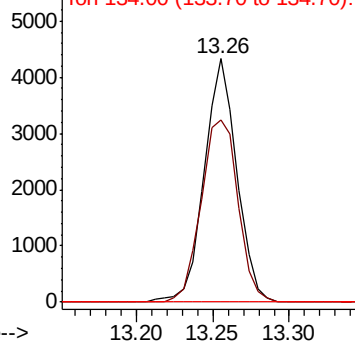
134 0.0 12.5 37.5#



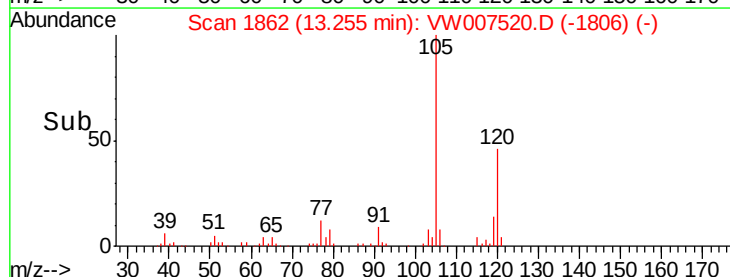
Abundance Ion 119.00 (118.70 to 119.70): V

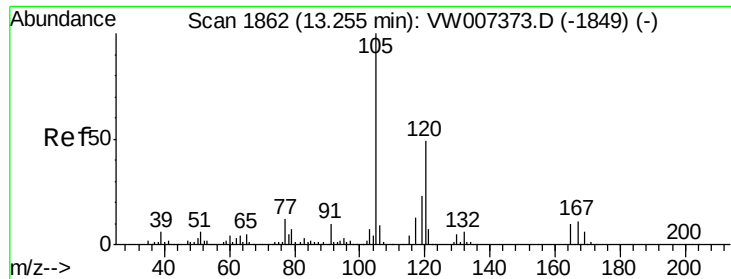
Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time--> 13.20 13.25 13.30

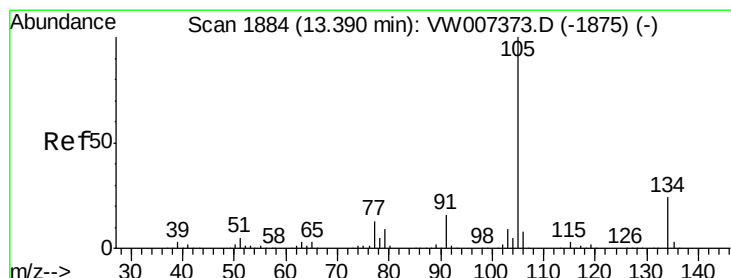
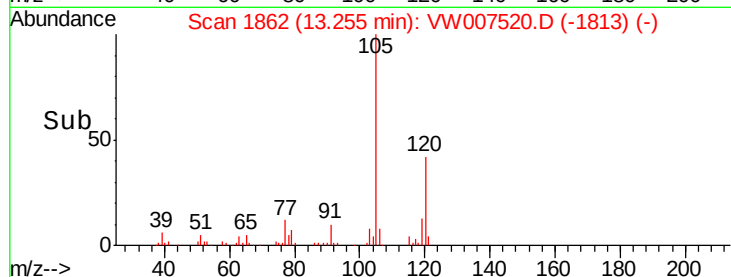
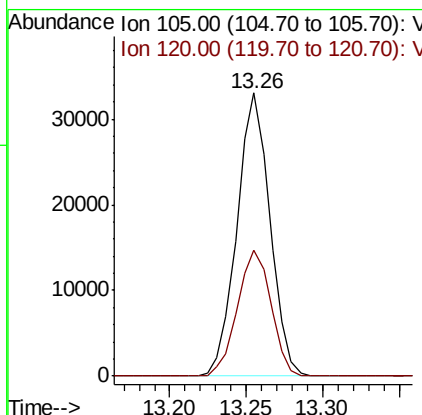
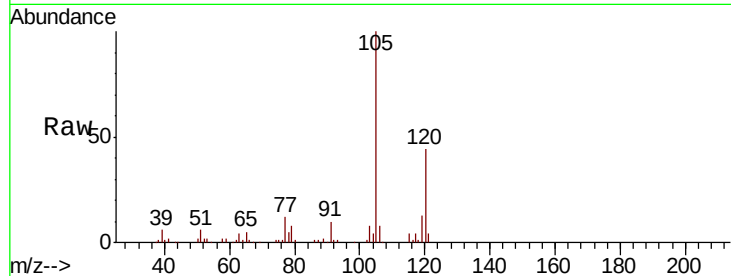




#84
 1,2,4-Trimethylbenzene
 Concen: 98.232 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

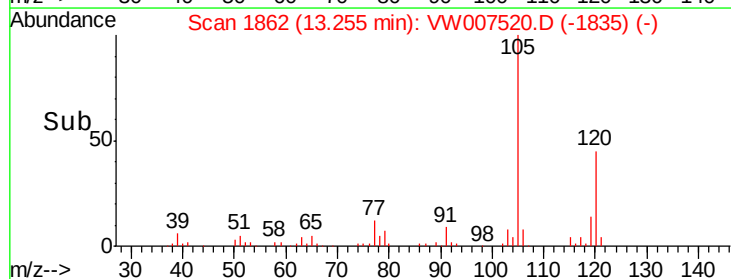
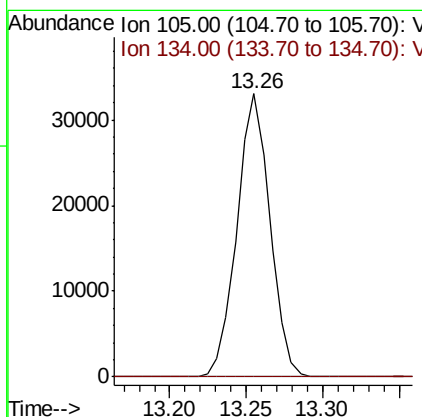
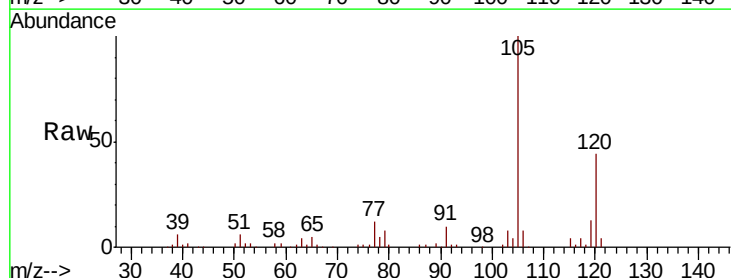
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

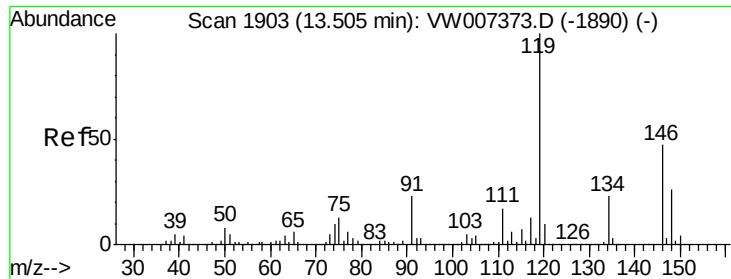
Tot Ion:105 Resp: 49371
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 84.037 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Tgt Ion:105 Resp: 49371
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#

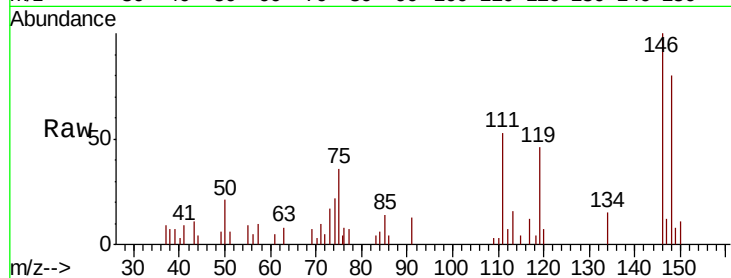




#86
 p-Isopropyltoluene
 Concen: 2.397 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	28.4	11.9	35.9

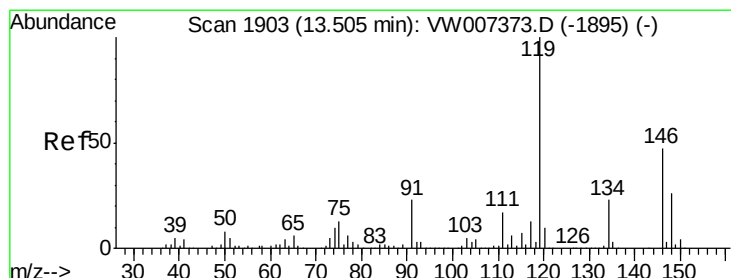
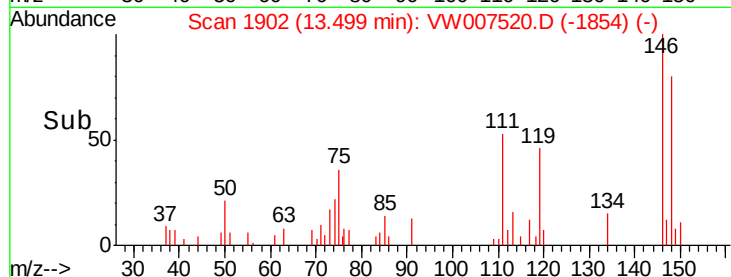
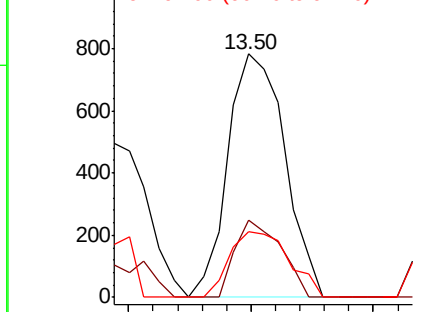


Abundance

Ion 119.00 (118.70 to 119.70): V

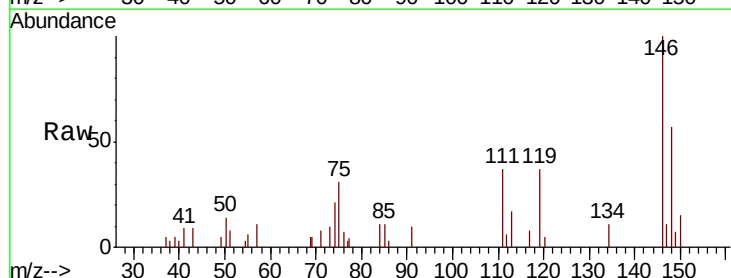
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 12.690 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.1	60.3
148	63.3	31.4	94.0

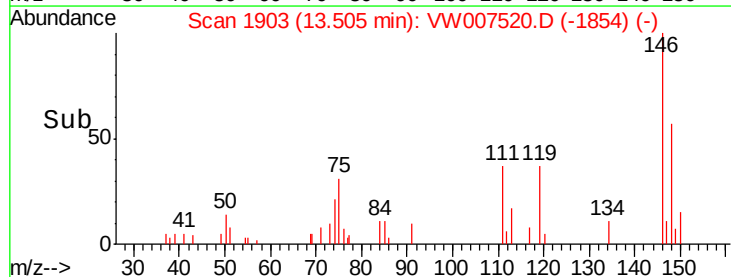
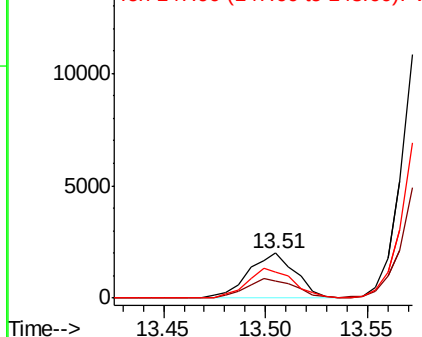


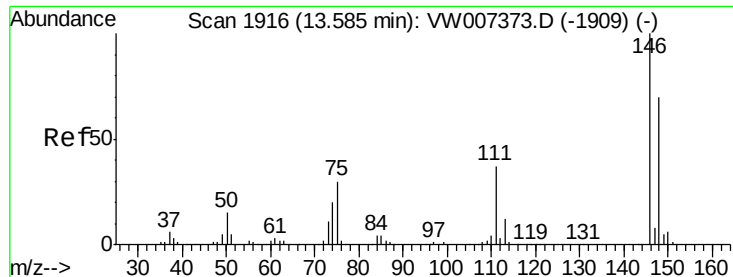
Abundance

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





#88

1,4-Dichlorobenzene

Concen: 109.719 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD001-0612-01

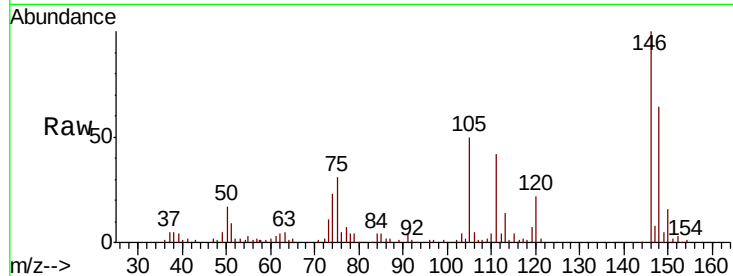
Tot Ion:146 Resp: 28336

Ion Ratio Lower Upper

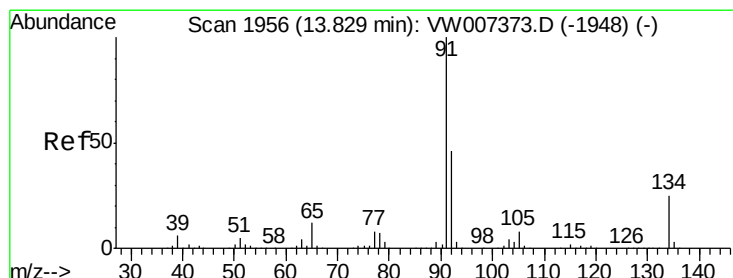
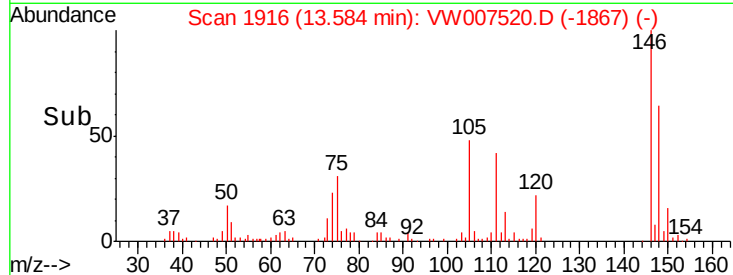
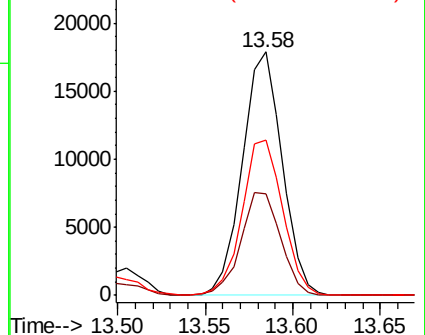
146 100

111 42.5 20.3 61.0

148 65.0 33.5 100.5



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



#89

n-Butylbenzene

Concen: 2.216 ug/l

RT: 13.76 min Scan# 1945

Delta R.T. -0.07 min

Lab File: VW007520.D

Acq: 14 Dec 2018 07:10

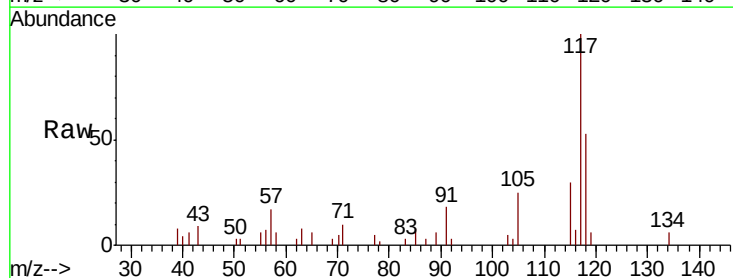
Tgt Ion: 91 Resp: 1084

Ion Ratio Lower Upper

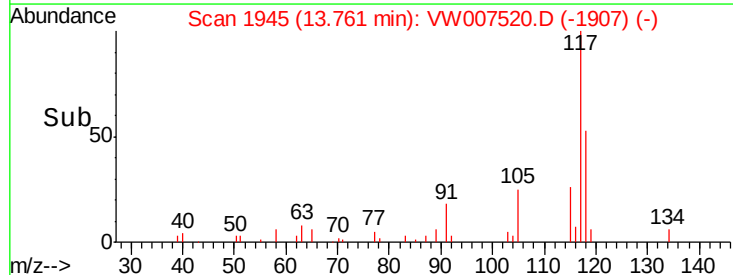
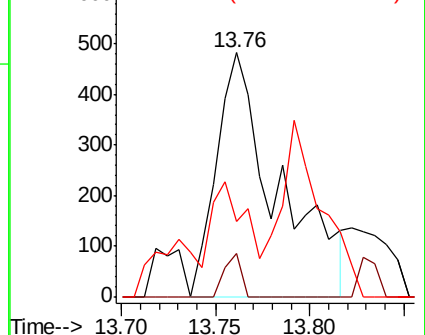
91 100

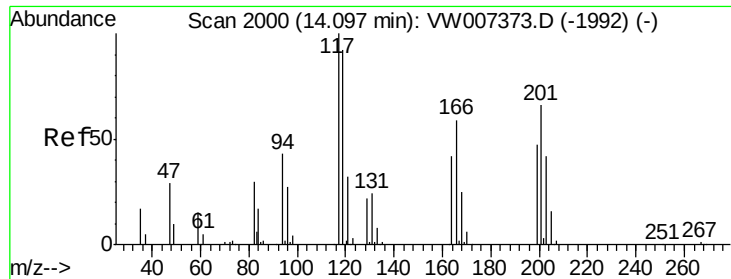
92 0.0 25.7 77.1#

134 27.4 13.4 40.2



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): V

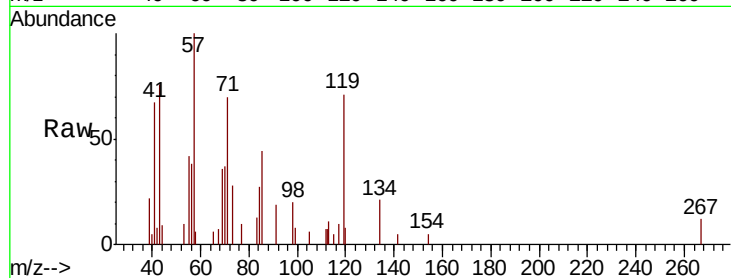




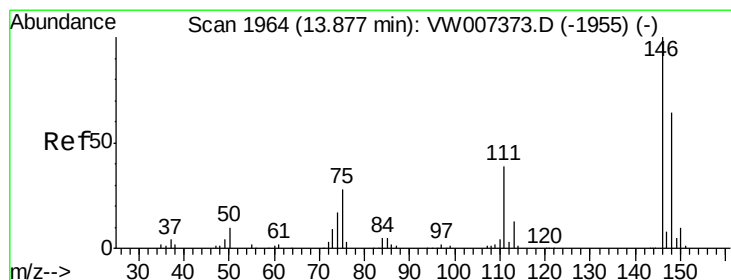
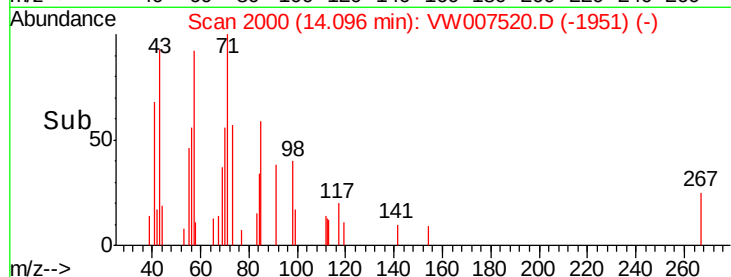
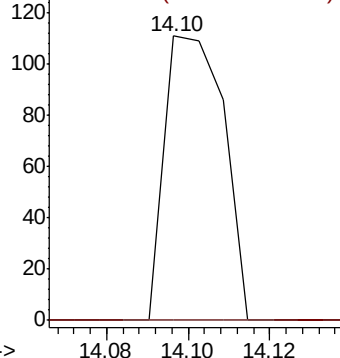
#90
Hexachloroethane
Concen: 1.193 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tot Ion:117 Resp: 112
Ion Ratio Lower Upper
117 100
201 0.0 35.3 105.9#

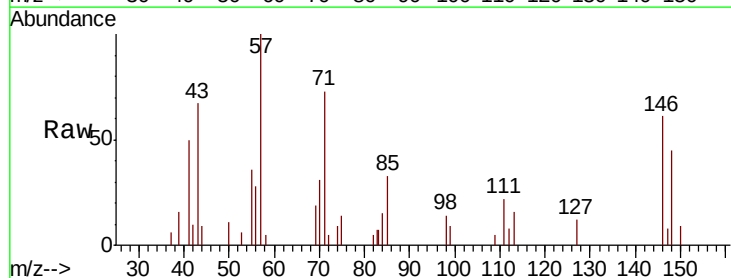


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

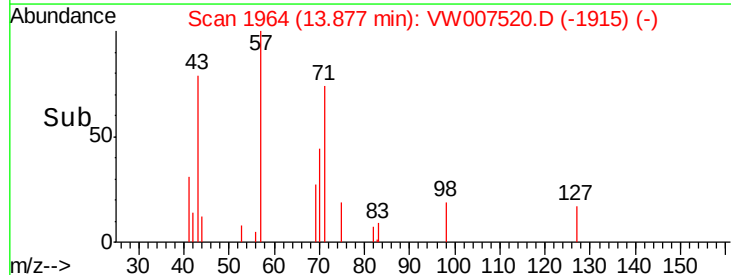
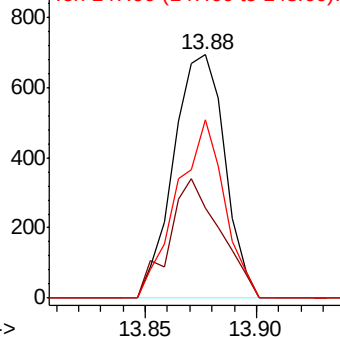


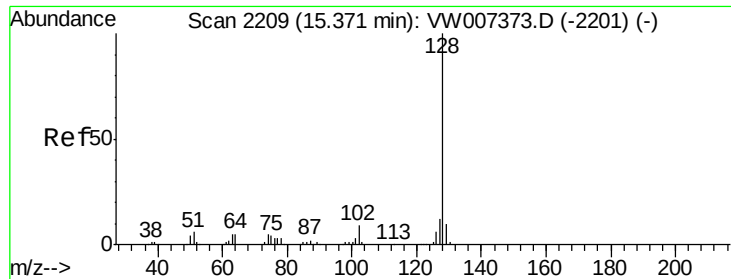
#91
1,2-Dichlorobenzene
Concen: 4.842 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:146 Resp: 1114
Ion Ratio Lower Upper
146 100
111 48.6 22.4 67.2
148 67.9 32.4 97.2



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





#95
 Naphthalene
 Concen: 5.279 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW007520.D
 Acq: 14 Dec 2018 07:10

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD001-0612-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.2	15.4#
129	7.4	8.3	12.5#

