

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007543.D
 Acq On : 14 Dec 2018 18:36
 Operator : SY/AP
 Sample : J6347-04
 Misc : 4.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

Quant Time: Dec 15 00:43:34 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	52257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	51687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37720	65.06	ug/l	0.00
Spiked Amount						
			Recovery	=	130.12%	
35) Dibromofluoromethane	7.88	113	29938	56.02	ug/l	0.00
Spiked Amount						
			Recovery	=	112.04%	
50) Toluene-d8	10.32	98	85468	42.65	ug/l	0.00
Spiked Amount						
			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	12.62	95	15759	21.39	ug/l	0.00
Spiked Amount						
			Recovery	=	42.78%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.14	59	139	3.491	ug/l #	74
15) Acrylonitrile	5.43	53	35852	336.750	ug/l #	40
16) Acetone	4.12	43	17482	172.636	ug/l	95
17) Carbon Disulfide	4.38	76	1806	1.162	ug/l	95
20) Methylene Chloride	4.90	84	4436	4.441	ug/l #	44
25) 2-Butanone	7.17	43	9701	73.380	ug/l	90
26) 2,2-Dichloropropane	6.98	77	12708	19.561	ug/l #	52
31) Cyclohexane	7.96	56	210662	233.905	ug/l	96
36) 1,1-Dichloropropene	7.95	75	4210	5.228	ug/l #	43
37) Ethyl Acetate	7.17	43	9701	32.387	ug/l #	70
38) Carbon Tetrachloride	7.95	117	5643	6.440	ug/l #	17
39) Methylcyclohexane	9.34	83	268309	275.141	ug/l	94
40) Benzene	8.32	78	38630	17.285	ug/l	97
43) Isopropyl Acetate	8.42	43	8734	14.762	ug/l #	50
45) 1,2-Dichloropropane	9.33	63	3025	5.849	ug/l #	1
48) Methyl methacrylate	9.52	41	5334	17.554	ug/l #	54
51) 4-Methyl-2-Pentanone	10.32	43	1786	6.389	ug/l	93
52) Toluene	10.39	92	18172	12.564	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	8752	21.895	ug/l #	24
56) Ethyl methacrylate	10.66	69	2899	6.034	ug/l #	1
59) 2-Hexanone	10.94	43	6181	33.158	ug/l #	28
65) Chlorobenzene	11.66	112	313212	290.732	ug/l	95
67) Ethyl Benzene	11.84	91	21614565	11669.578	ug/l #	23
68) m/p-Xylenes	11.85	106	13340604	18527.061	ug/l #	71
73) Isopropylbenzene	12.47	105	118628	132.960	ug/l	99
74) N-amyl acetate	12.26	43	3537	21.813	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.70	83	315	2.384	ug/l #	61
76) 1,2,3-Trichloropropane	12.80	75	1094	11.395	ug/l #	1
78) n-propylbenzene	12.81	91	162664	162.000	ug/l	100
79) 2-Chlorotoluene	12.87	91	57869	95.249	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	223921	298.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	1462	33.639	ug/l #	69
82) 4-Chlorotoluene	12.94	91	24377	38.064	ug/l #	43
83) tert-Butylbenzene	13.26	119	84999	128.676	ug/l #	62

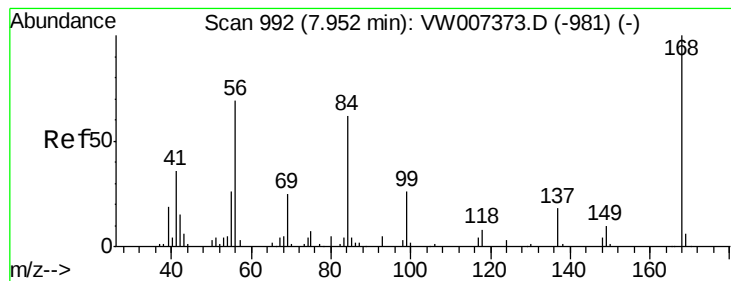
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	691674	896.585	ug/l	99
85) sec-Butylbenzene	13.26	105	691674	767.029	ug/l #	54
86) p-Isopropyltoluene	13.51	119	63598	78.505	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	26483	67.163	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	226033	570.199	ug/l	98
89) n-Butylbenzene	13.83	91	9393	12.507	ug/l #	68
90) Hexachloroethane	14.10	117	6458	44.803	ug/l #	14
91) 1,2-Dichlorobenzene	13.88	146	6221	17.615	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.50	75	166	6.260	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.13	180	307	1.263	ug/l #	1
94) Hexachlorobutadiene	15.51	225	177	1.373	ug/l #	1
95) Naphthalene	15.37	128	167938	361.193	ug/l	98

(#) = 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. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

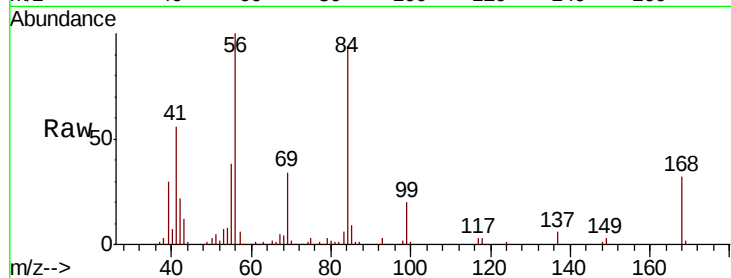
P001-SD002-0006-01

Tgt Ion: 168 Resp: 52257

Ion Ratio Lower Upper

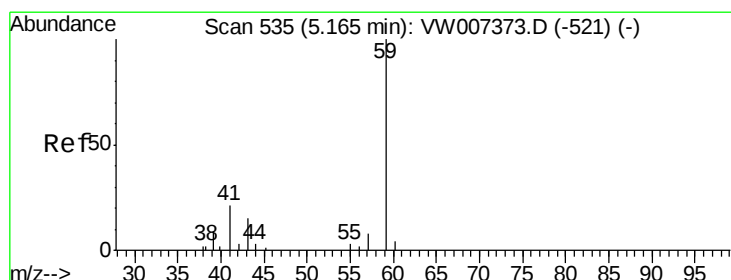
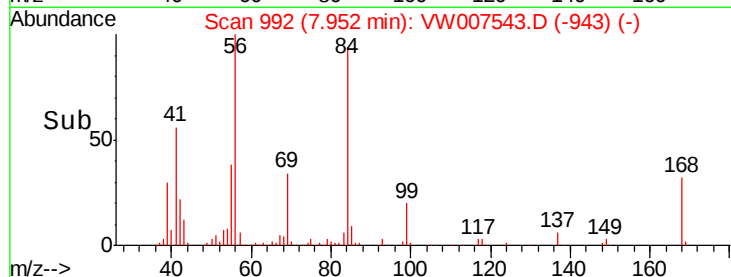
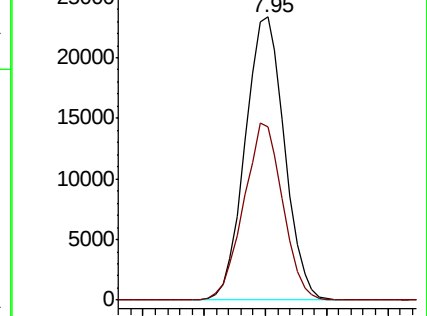
168 100

99 61.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.491 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW007543.D

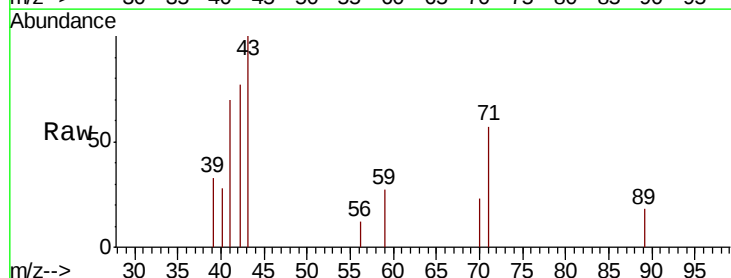
Acq: 14 Dec 2018 18:36

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

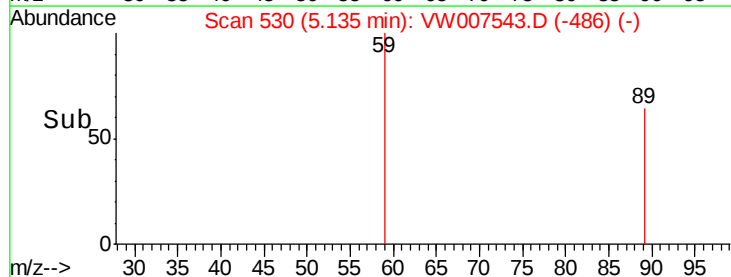
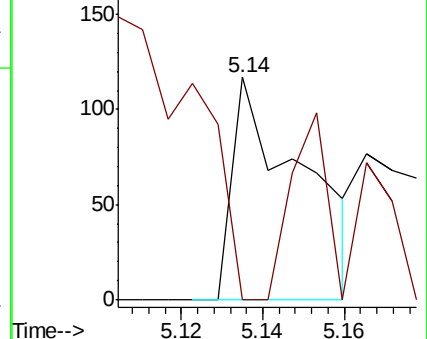
59 100

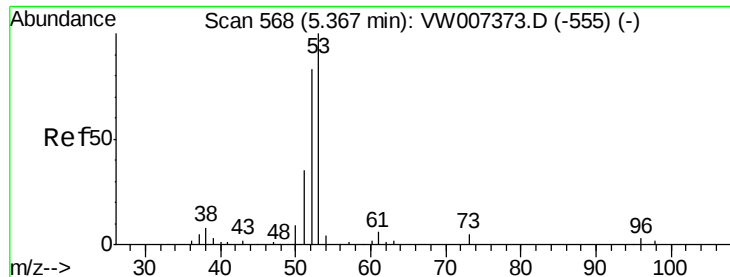
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 336.750 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

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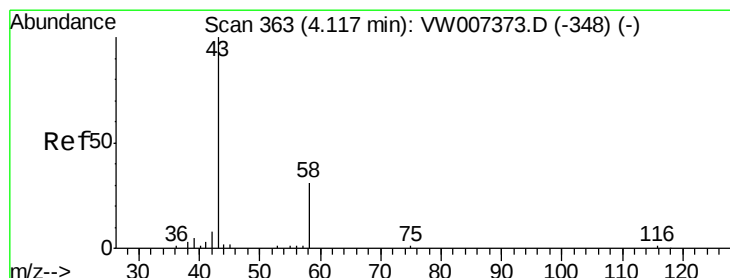
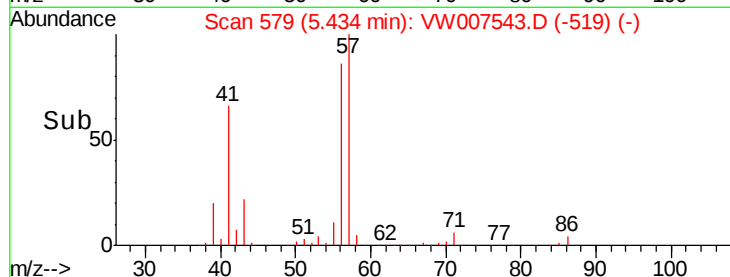
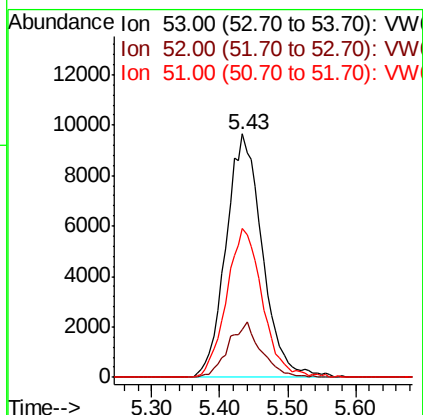
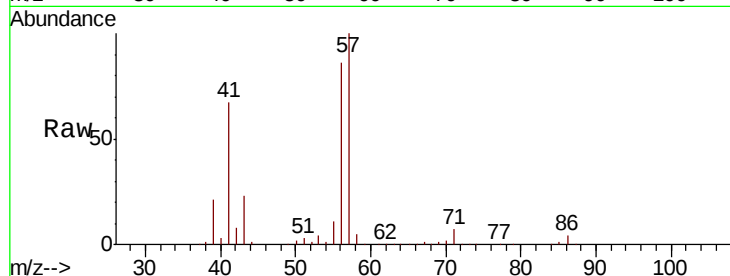
Tgt Ion: 53 Resp: 35852

Ion Ratio Lower Upper

53 100

52 20.4 67.4 101.2#

51 60.0 30.2 45.2#



#16

Acetone

Concen: 172.636 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007543.D

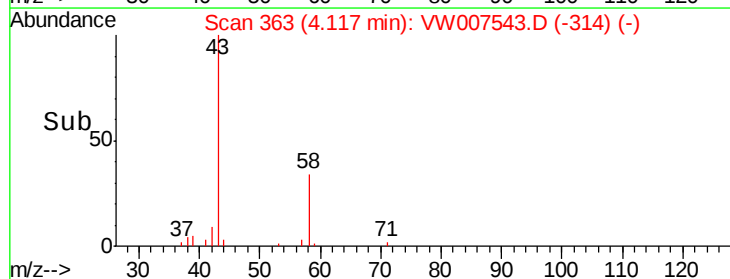
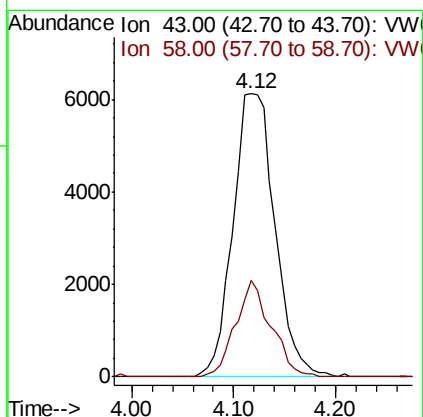
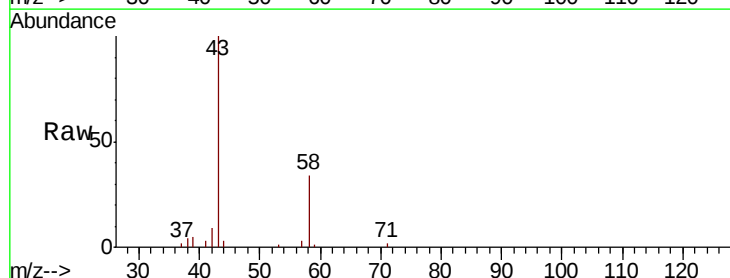
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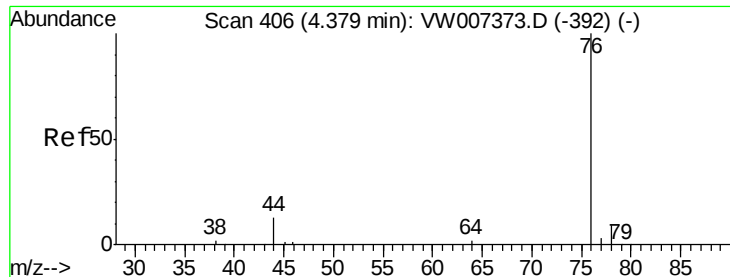
Tgt Ion: 43 Resp: 17482

Ion Ratio Lower Upper

43 100

58 33.9 24.9 37.3

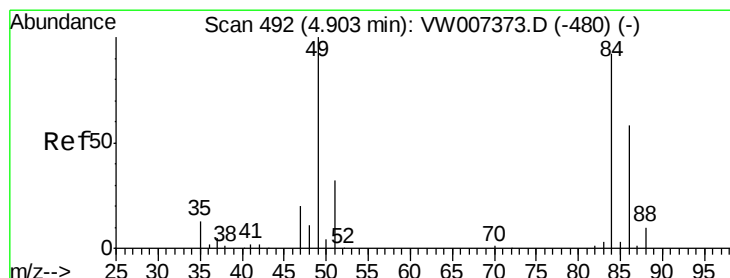
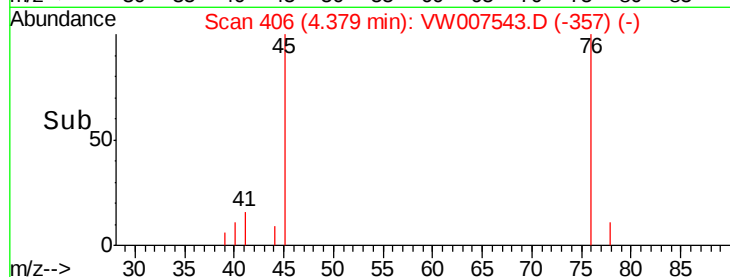
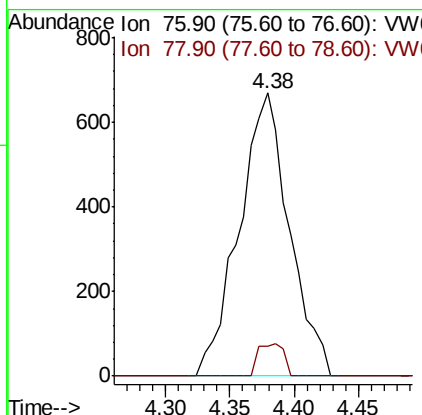
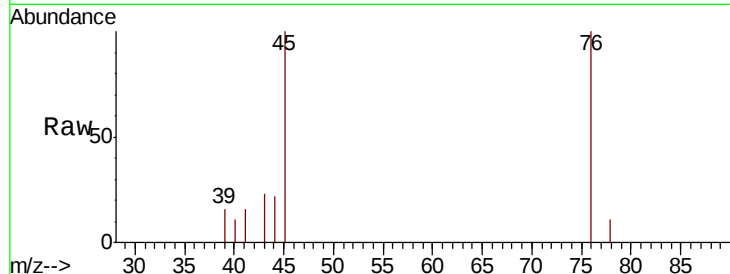




#17
Carbon Disulfide
Concen: 1.162 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

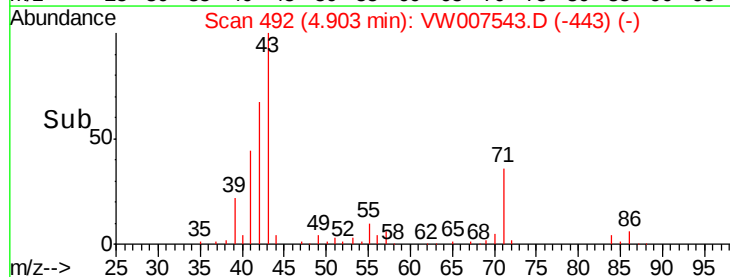
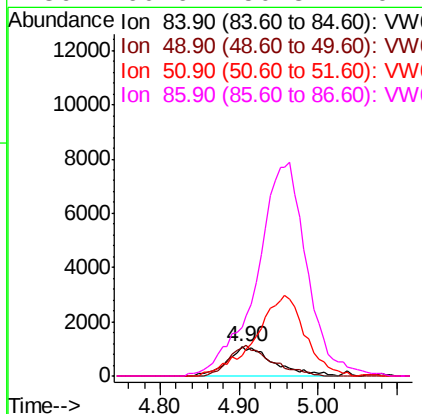
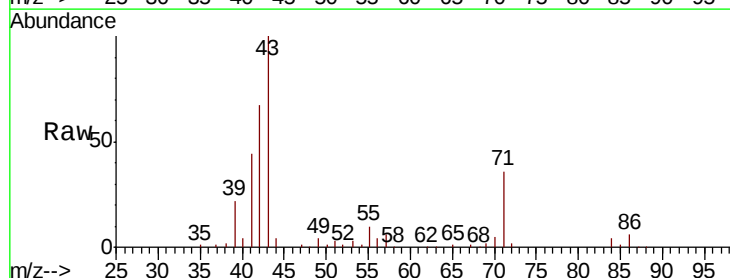
Instrument :
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P001-SD002-0006-01

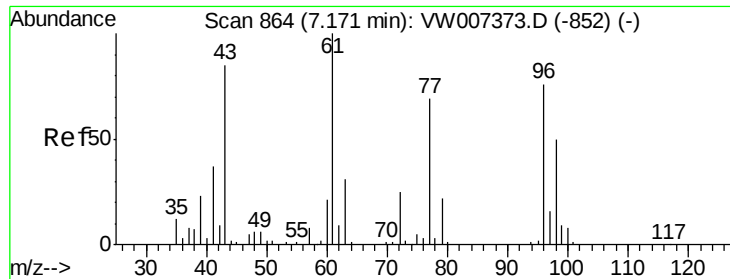
Tgt Ion: 76 Resp: 1806
Ion Ratio Lower Upper
76 100
78 10.6 7.1 10.7



#20
Methylene Chloride
Concen: 4.441 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 84 Resp: 4436
Ion Ratio Lower Upper
84 100
49 94.7 87.1 130.7
51 71.5 28.2 42.2#
86 160.6 50.8 76.2#

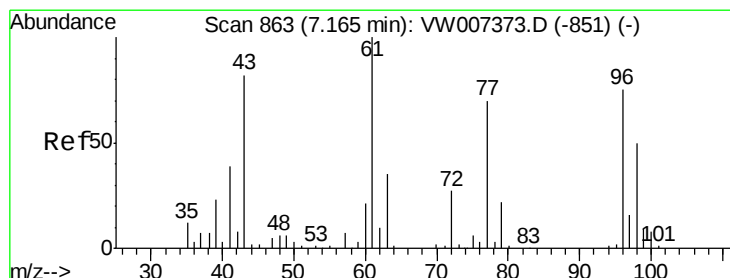
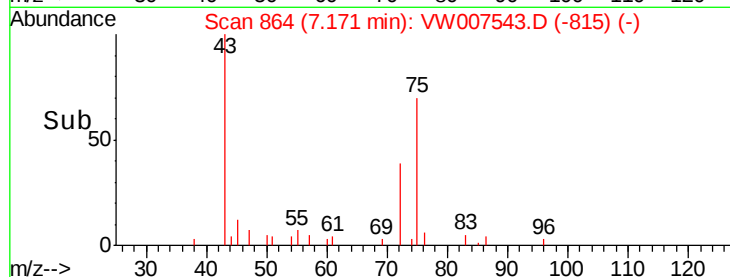
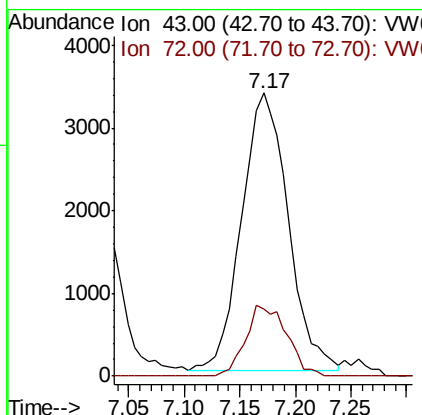
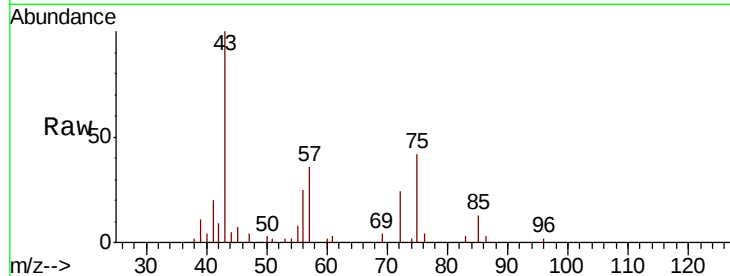




#25
2-Butanone
Concen: 73.380 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

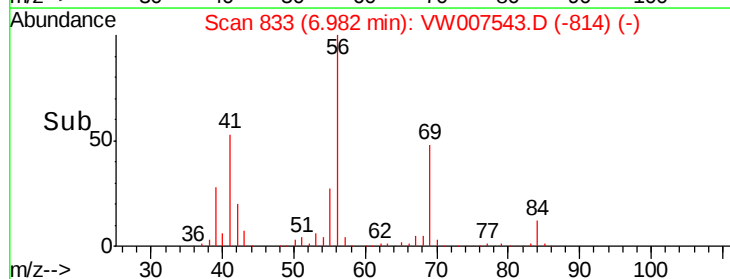
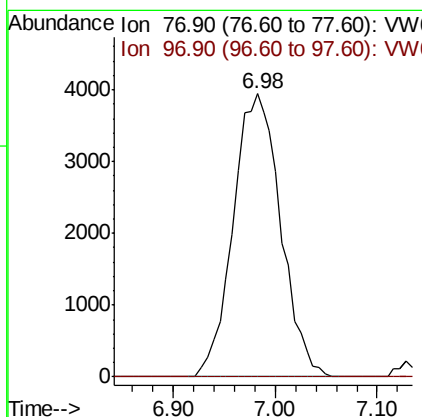
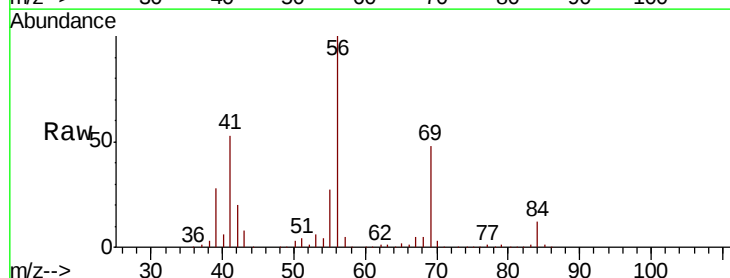
Instrument :
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ClientSampleId :
P001-SD002-0006-01

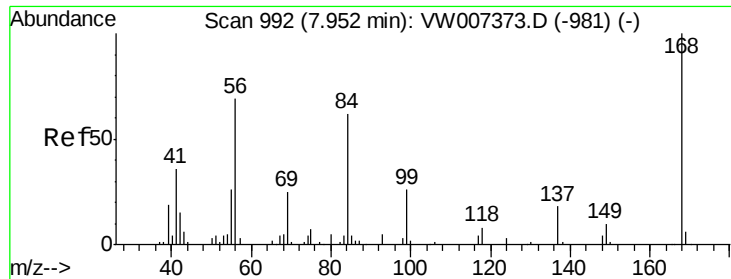
Tgt Ion: 43 Resp: 9701
Ion Ratio Lower Upper
43 100
72 24.2 23.4 35.2



#26
2,2-Dichloropropane
Concen: 19.561 ug/l
RT: 6.98 min Scan# 833
Delta R.T. -0.18 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 77 Resp: 12708
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

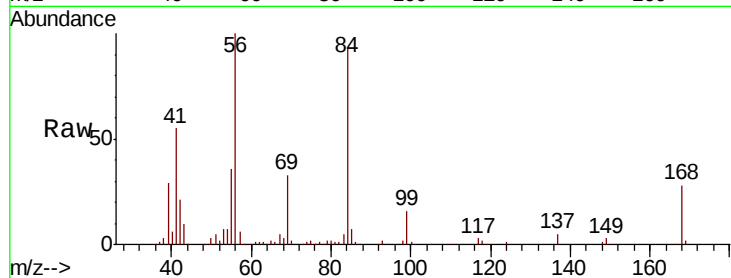




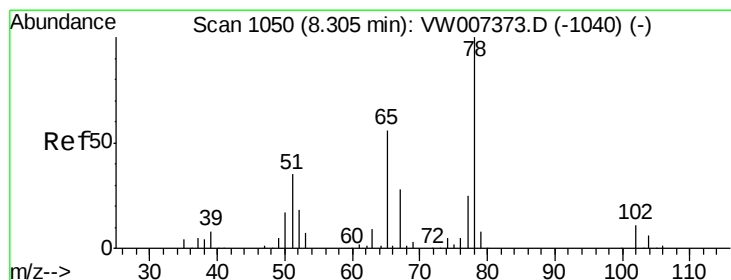
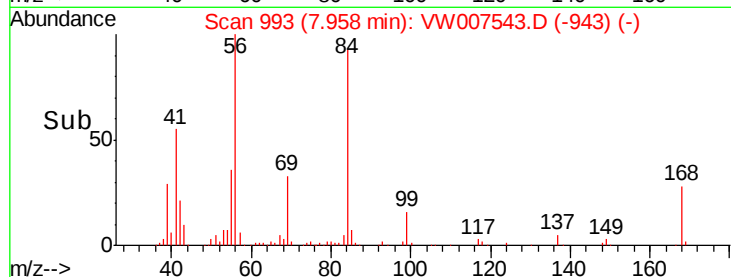
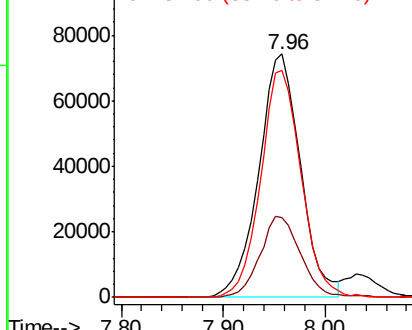
#31
Cyclohexane
Concen: 233.905 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

Tgt Ion: 56 Resp: 210662
Ion Ratio Lower Upper
56 100
69 32.7 28.9 43.3
84 93.3 71.8 107.6

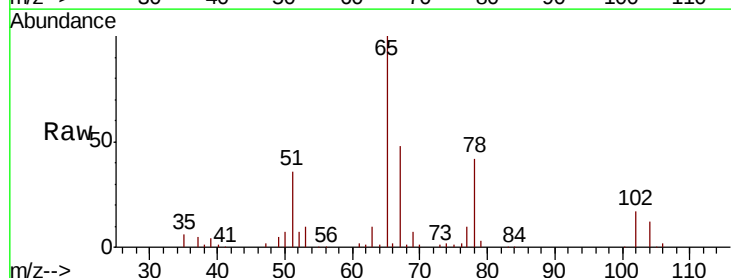


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

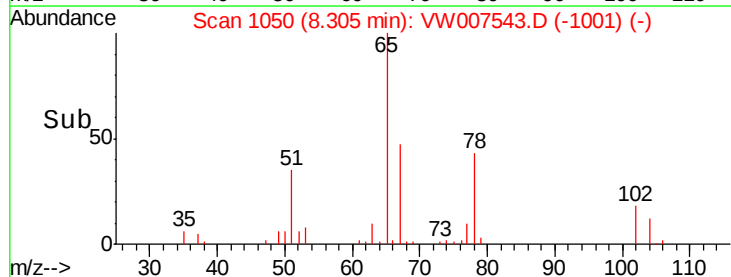
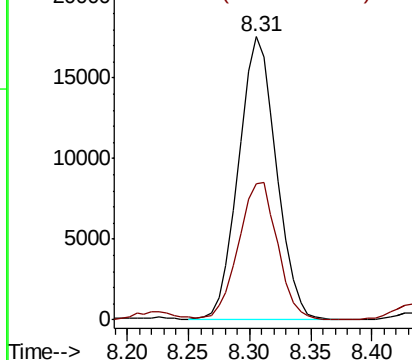


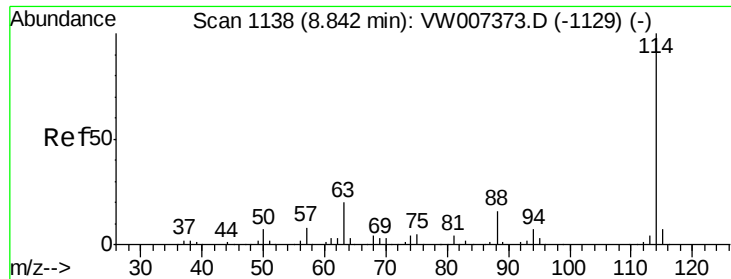
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1,2-Dichloroethane-d4
Concen: 65.063 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 65 Resp: 37720
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

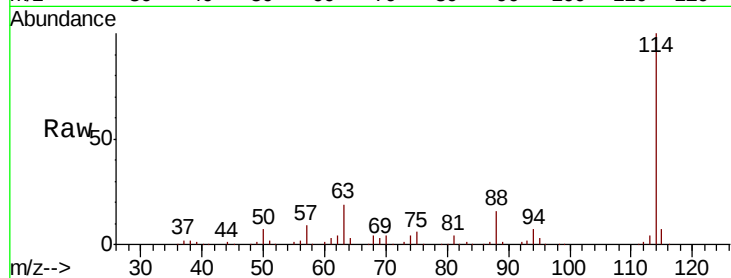




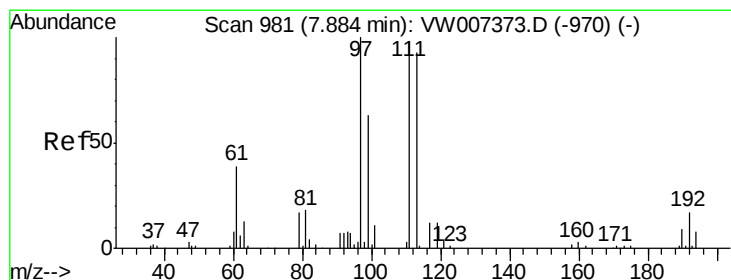
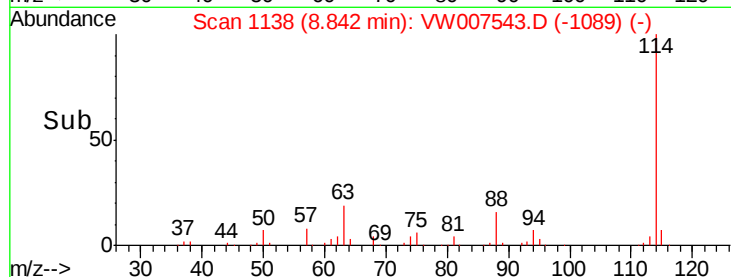
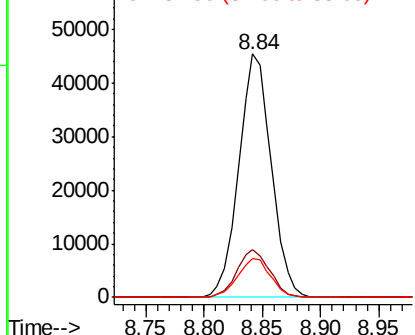
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

Tgt Ion:114 Resp: 88281
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 16.0 0.0 31.4

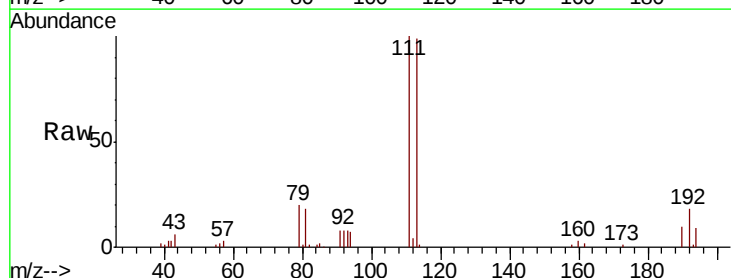


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

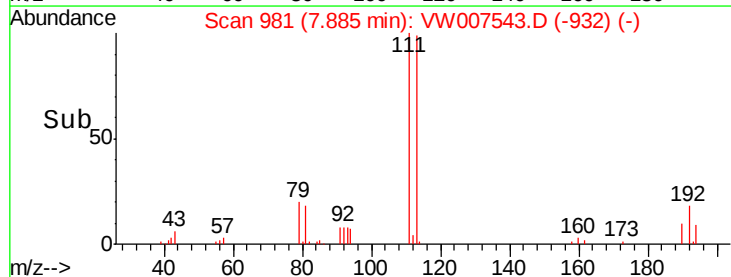
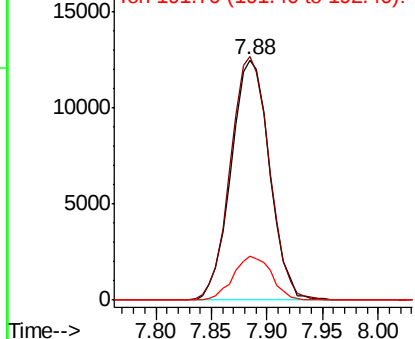


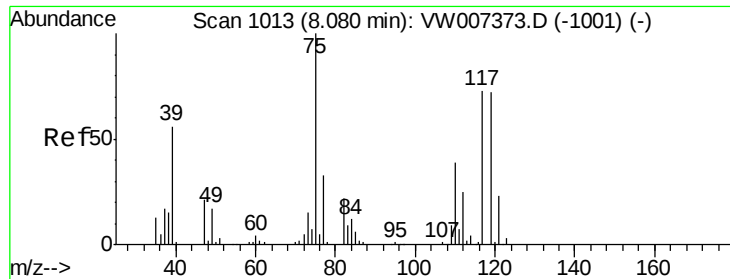
#35
 Dibromofluoromethane
 Concen: 56.022 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Tgt Ion:113 Resp: 29938
 Ion Ratio Lower Upper
 113 100
 111 102.3 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

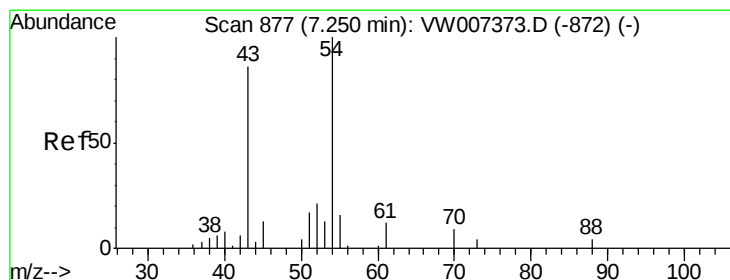
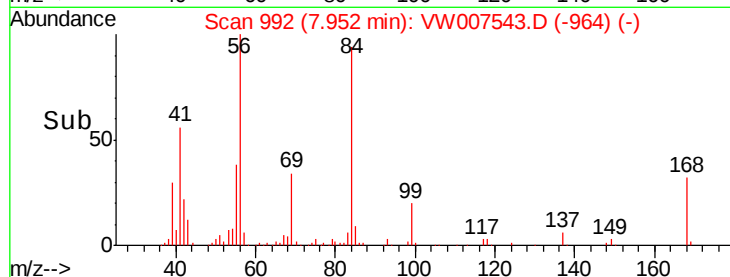
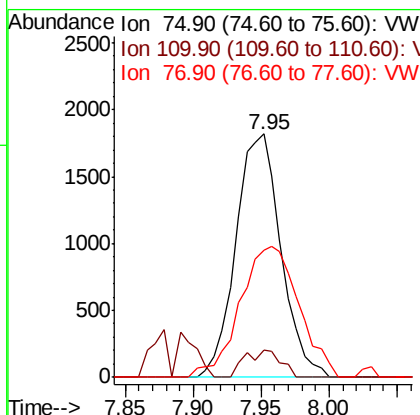
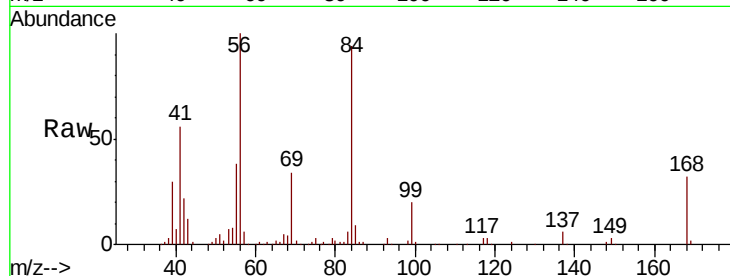




#36
 1,1-Dichloropropene
 Concen: 5.228 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

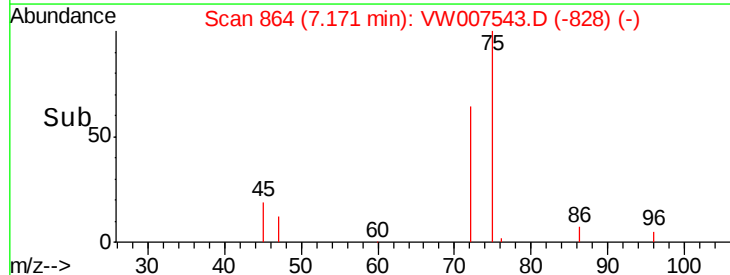
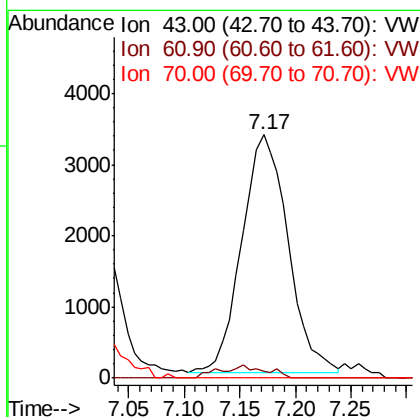
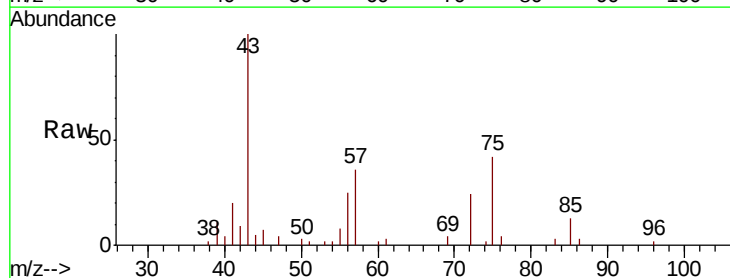
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

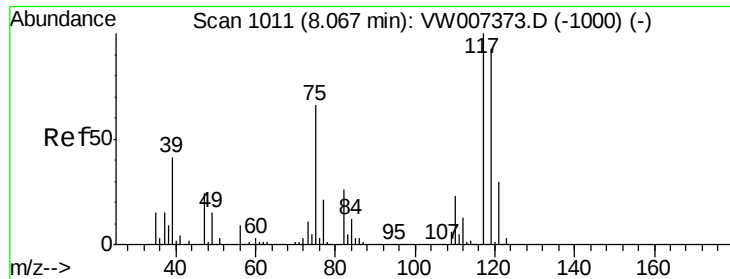
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.5	55.5#
77	70.2	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 32.387 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.4	12.1	18.1#
70	0.0	10.0	15.0#

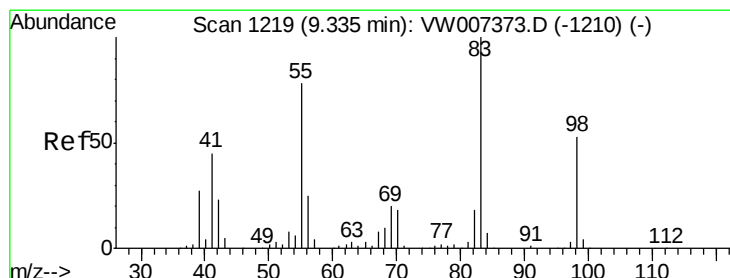
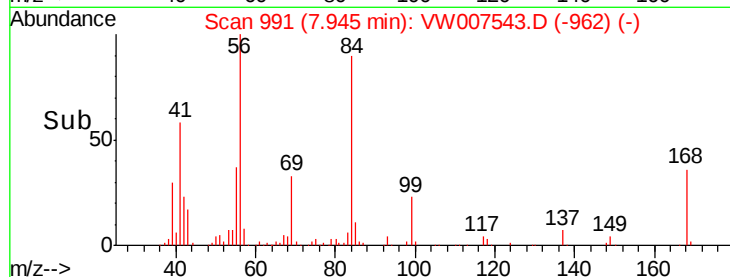
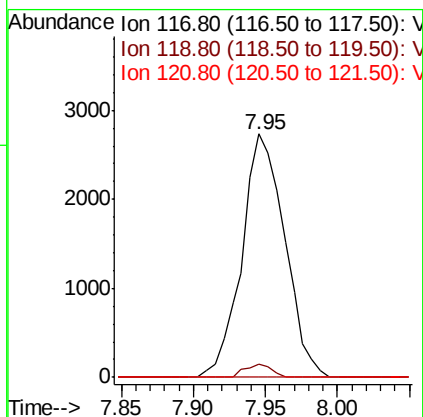
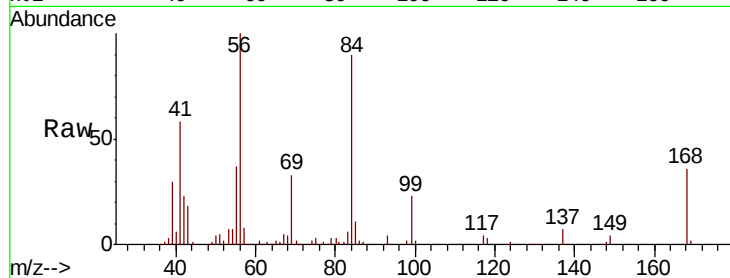




#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

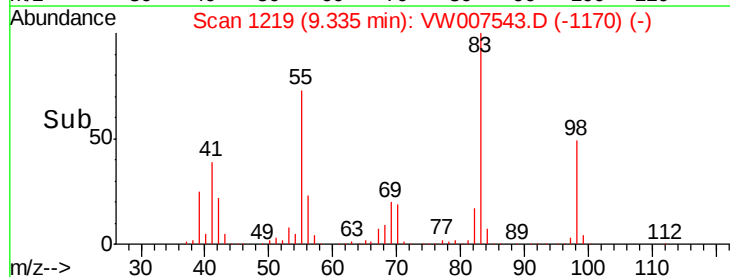
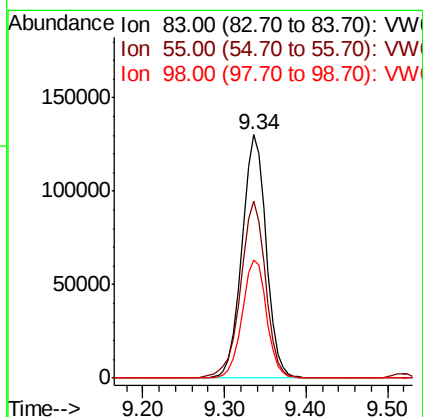
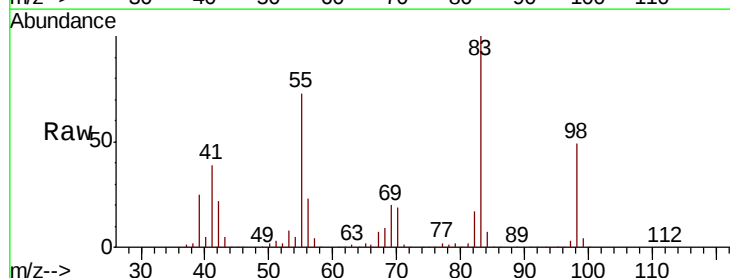
Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

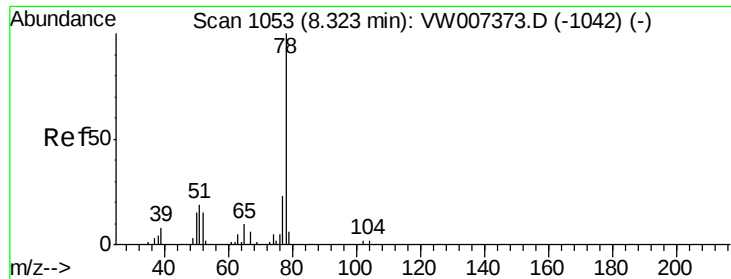
Tgt Ion:117 Resp: 5643
Ion Ratio Lower Upper
117 100
119 5.2 74.3 111.5#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 275.141 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 83 Resp: 268309
Ion Ratio Lower Upper
83 100
55 72.6 62.8 94.2
98 48.8 42.2 63.2





#40

Benzene

Concen: 17.285 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

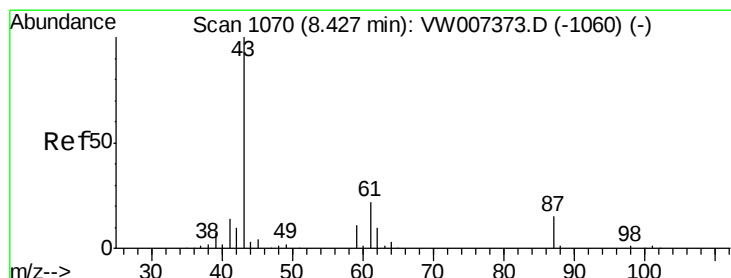
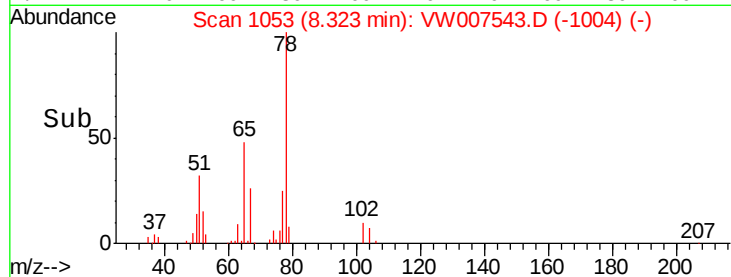
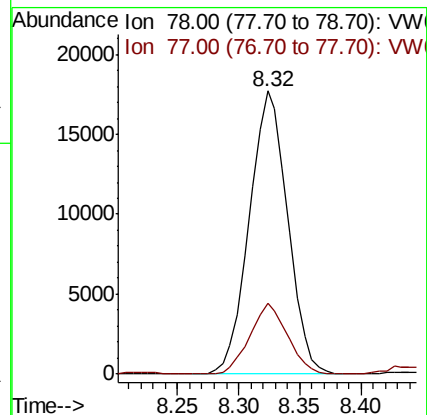
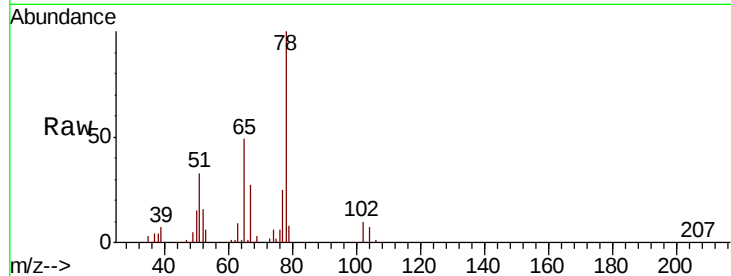
P001-SD002-0006-01

Tgt Ion: 78 Resp: 38630

Ion Ratio Lower Upper

78 100

77 25.1 18.8 28.2



#43

Isopropyl Acetate

Concen: 14.762 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

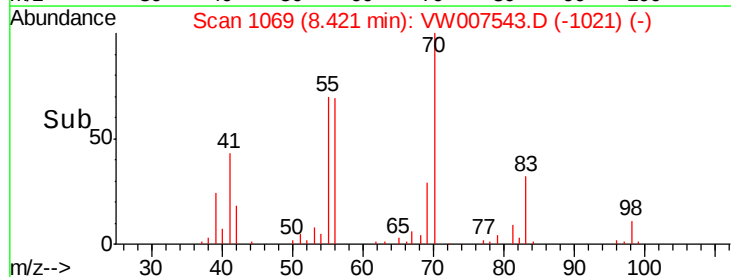
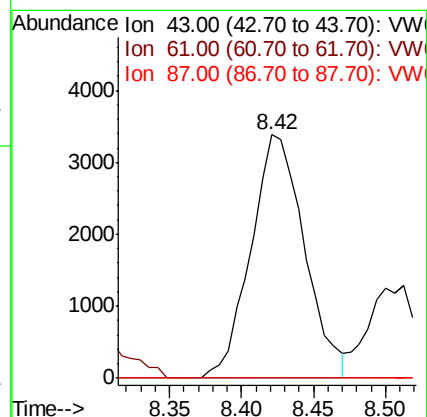
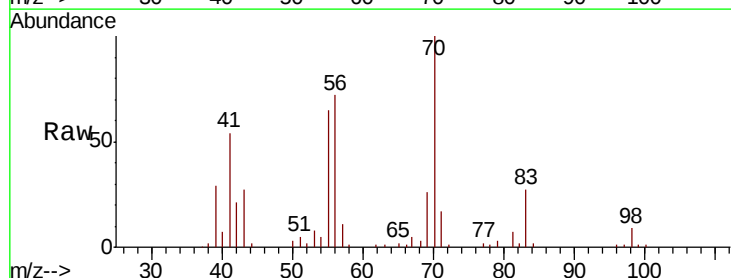
Tgt Ion: 43 Resp: 8734

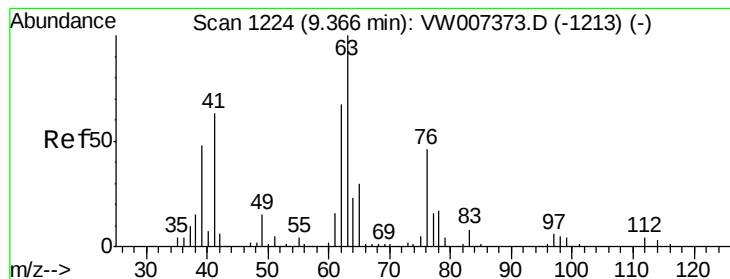
Ion Ratio Lower Upper

43 100

61 0.0 25.3 37.9#

87 0.0 11.8 17.8#





#45

1,2-Dichloropropane

Concen: 5.849 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

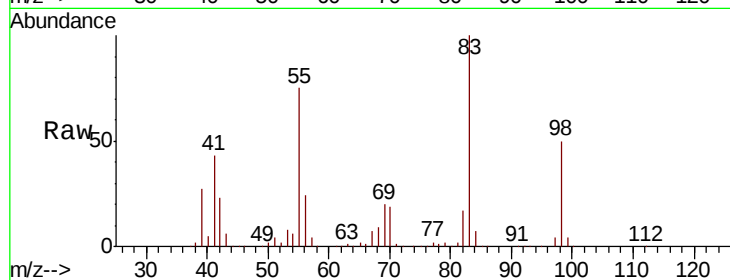
P001-SD002-0006-01

Tgt Ion: 63 Resp: 3025

Ion Ratio Lower Upper

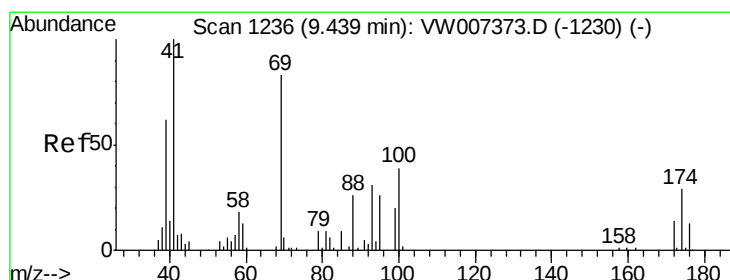
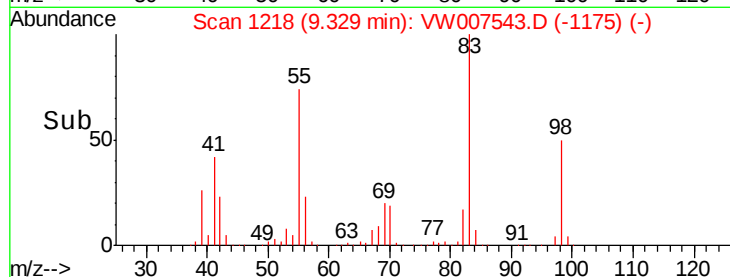
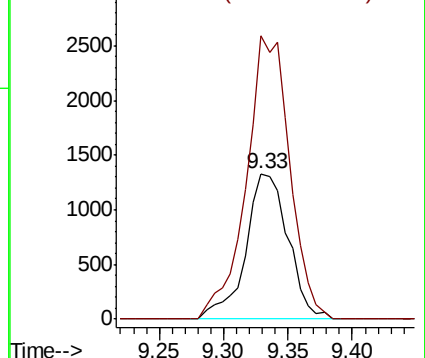
63 100

65 194.7 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#48

Methyl methacrylate

Concen: 17.554 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.08 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

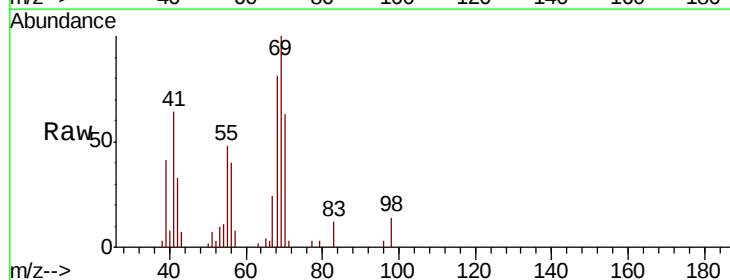
Tgt Ion: 41 Resp: 5334

Ion Ratio Lower Upper

41 100

69 157.0 69.8 104.8#

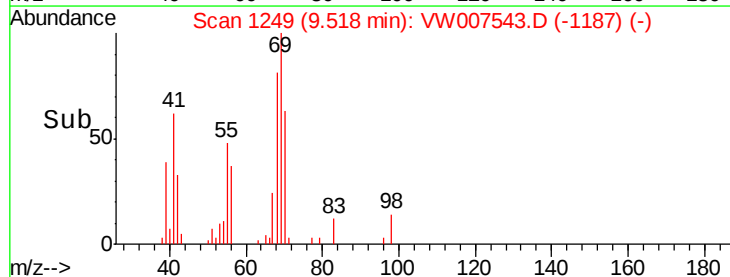
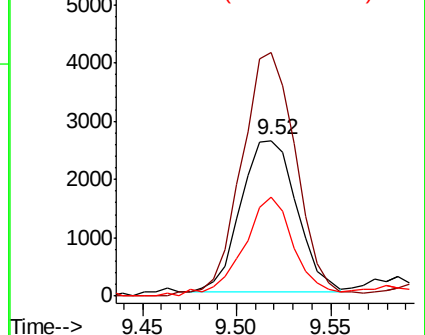
39 59.7 50.9 76.3

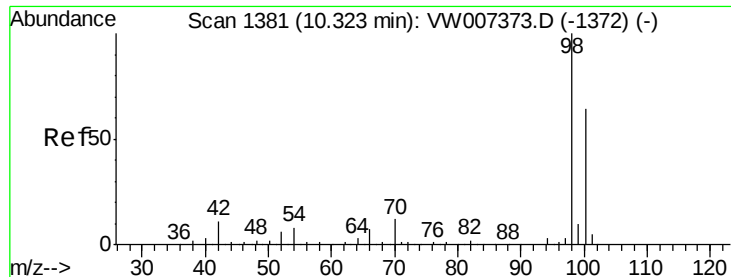


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 42.655 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

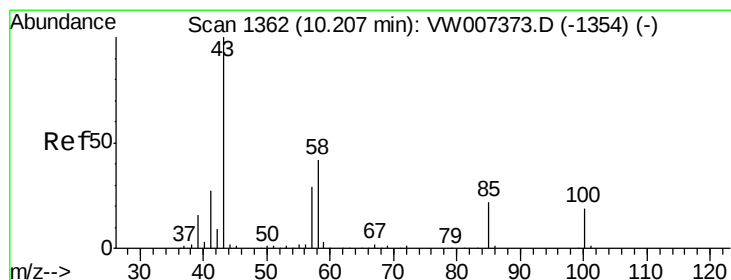
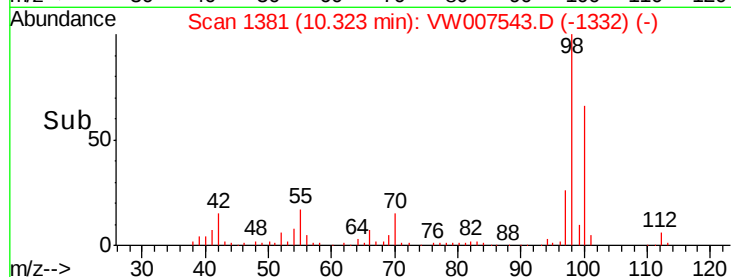
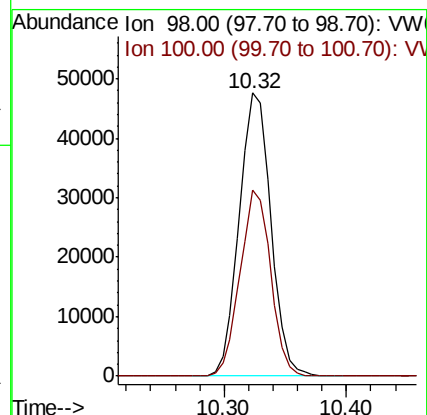
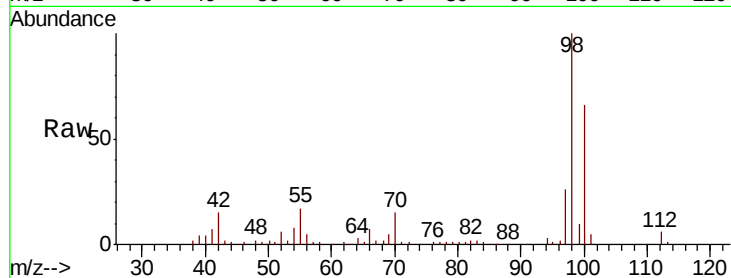
P001-SD002-0006-01

Tgt Ion: 98 Resp: 85468

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 6.389 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007543.D

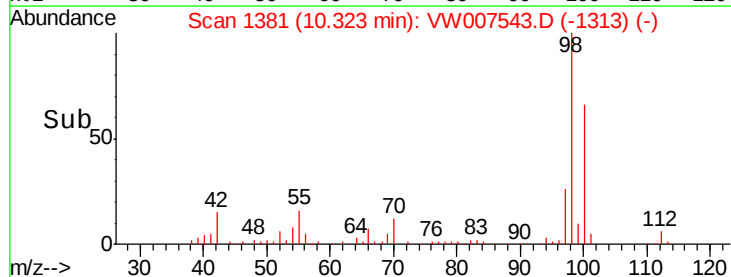
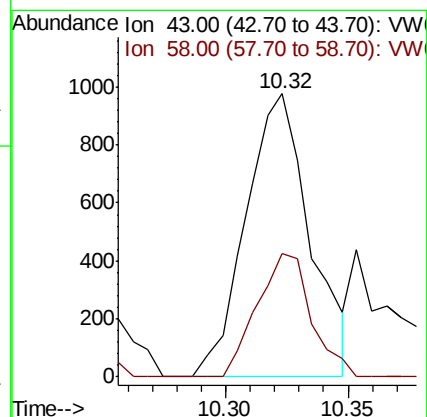
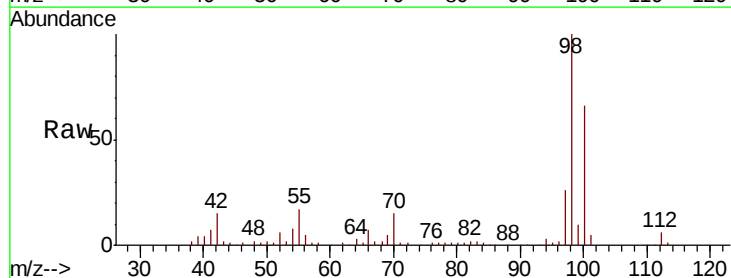
Acq: 14 Dec 2018 18:36

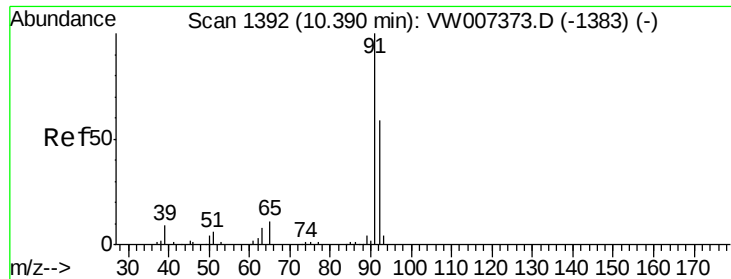
Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

58 36.9 33.1 49.7





#52

Toluene

Concen: 12.564 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

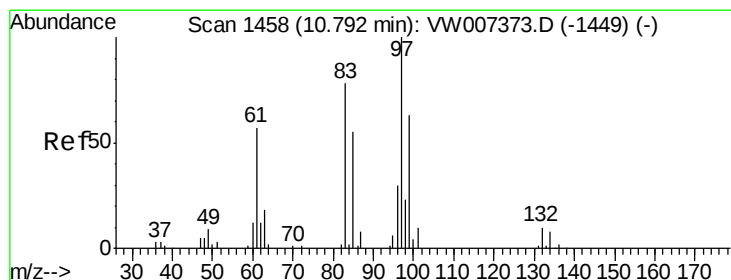
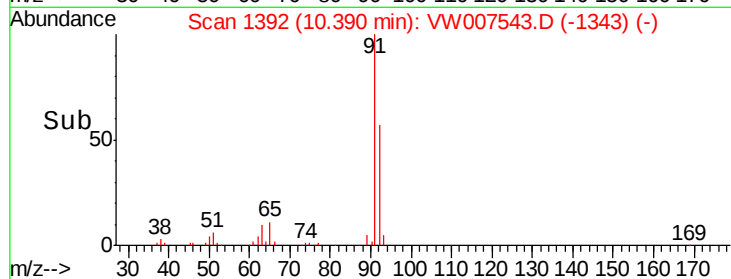
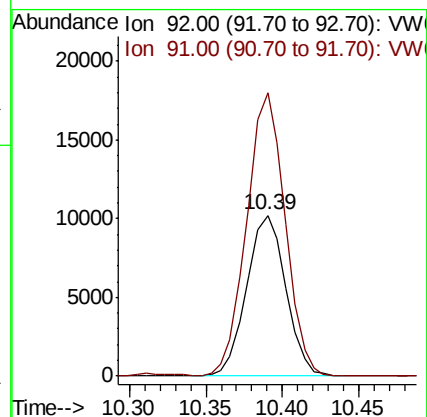
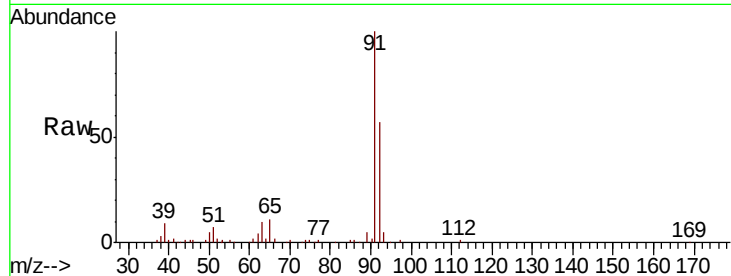
P001-SD002-0006-01

Tgt Ion: 92 Resp: 18172

Ion Ratio Lower Upper

92 100

91 173.3 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 21.895 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Tgt Ion: 97 Resp: 8752

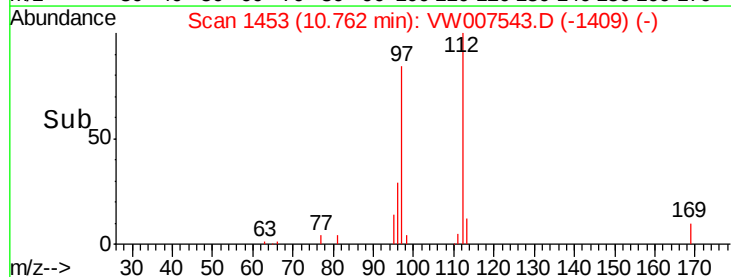
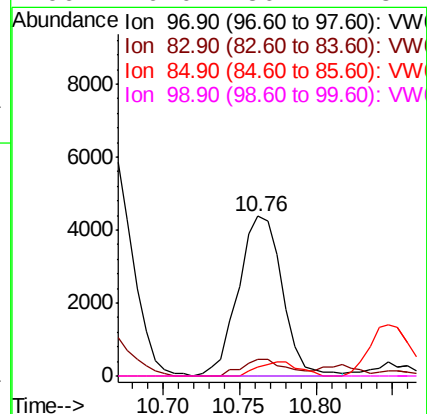
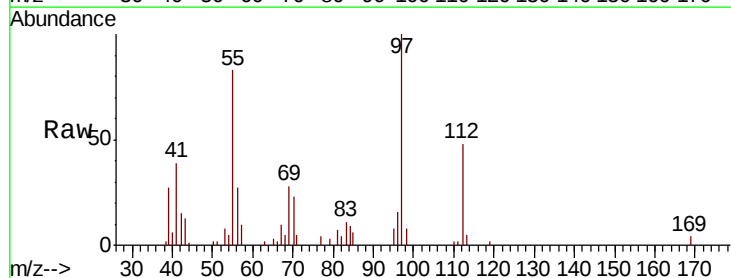
Ion Ratio Lower Upper

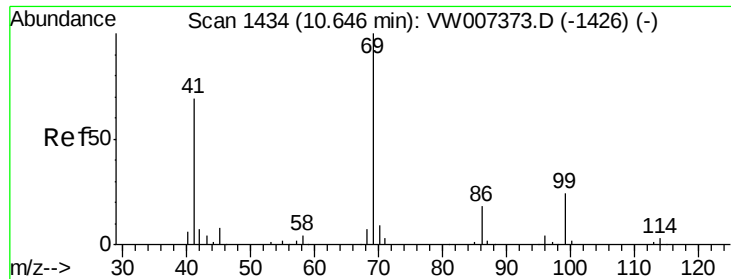
97 100

83 10.8 62.1 93.1#

85 5.5 44.2 66.4#

99 0.0 50.2 75.4#

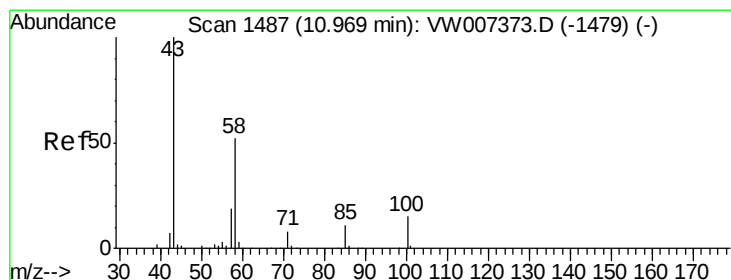
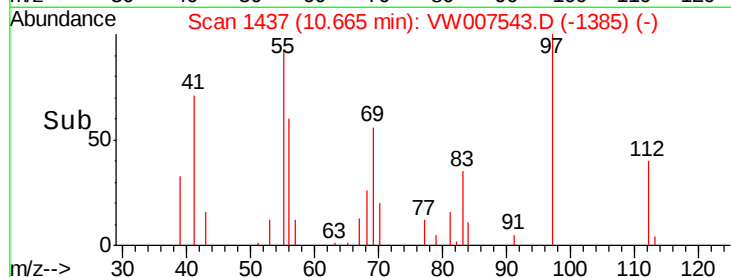
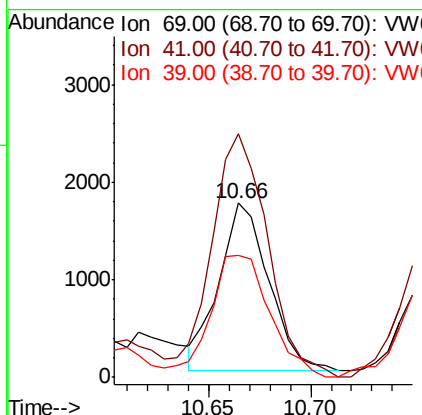
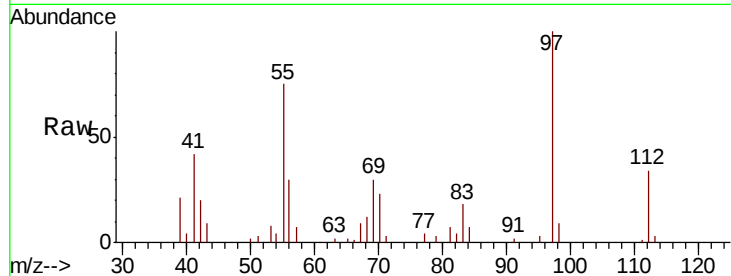




#56
Ethyl methacrylate
Concen: 6.034 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

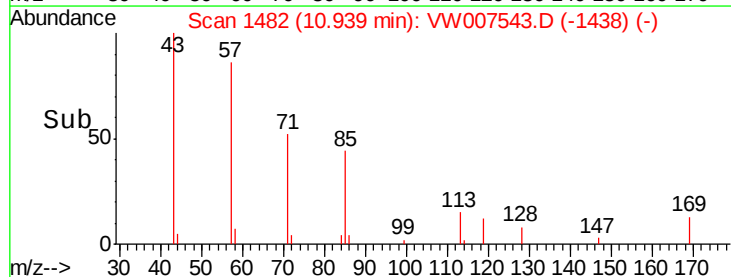
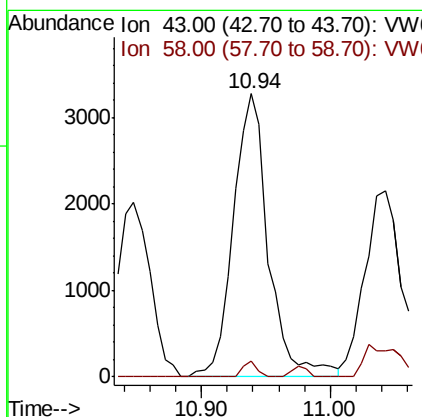
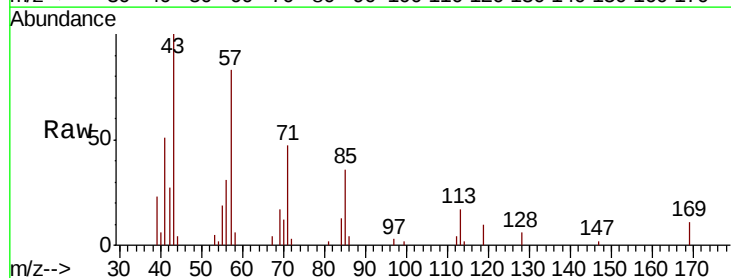
Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

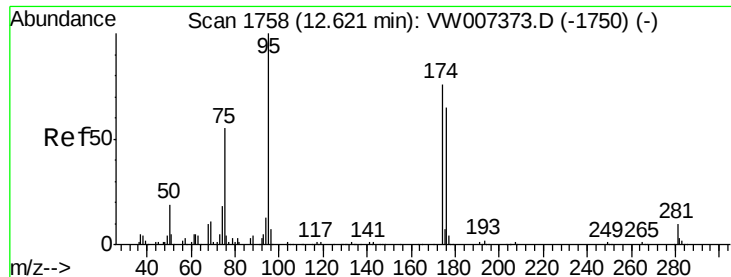
Tgt Ion: 69 Resp: 2899
Ion Ratio Lower Upper
69 100
41 166.0 51.0 76.6#
39 87.6 30.8 46.2#



#59
2-Hexanone
Concen: 33.158 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
58 2.3 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 21.391 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD002-0006-01

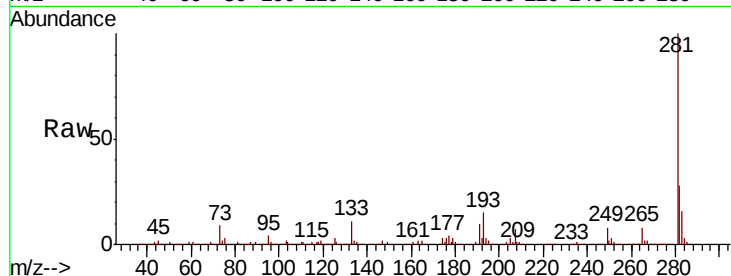
Tgt Ion: 95 Resp: 15759

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.2

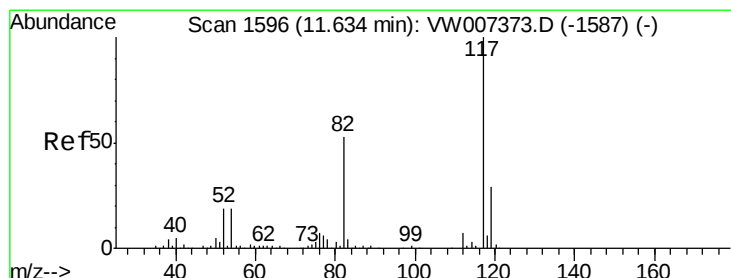
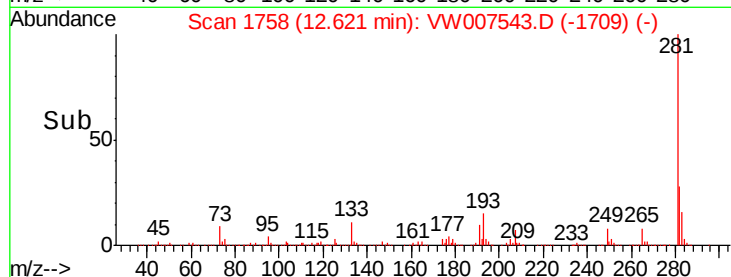
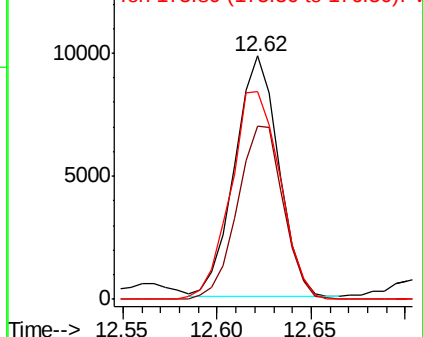
176 97.2 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

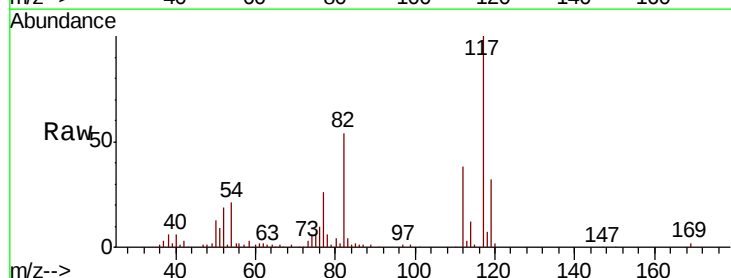
Tgt Ion: 117 Resp: 51687

Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

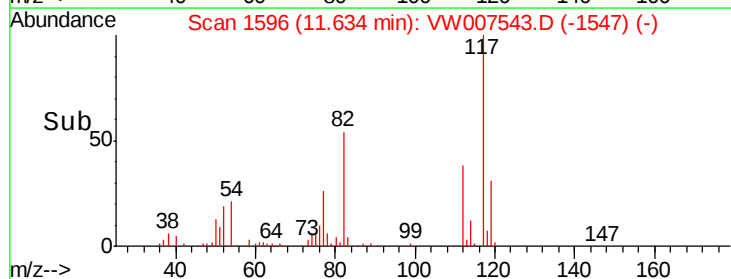
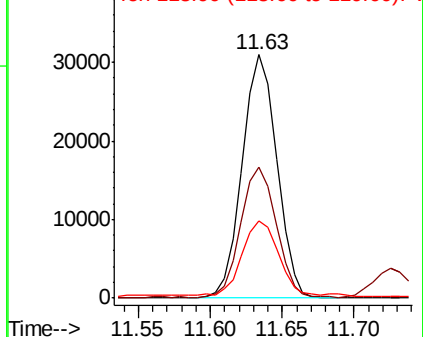
119 30.7 23.0 34.6

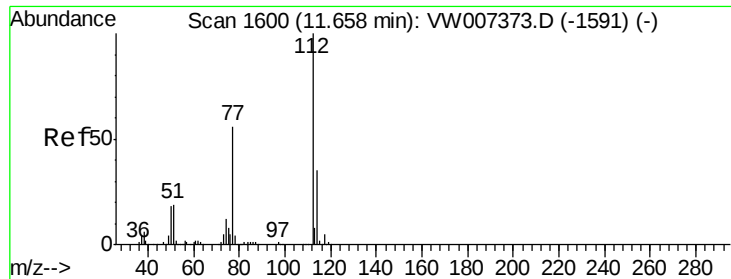


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

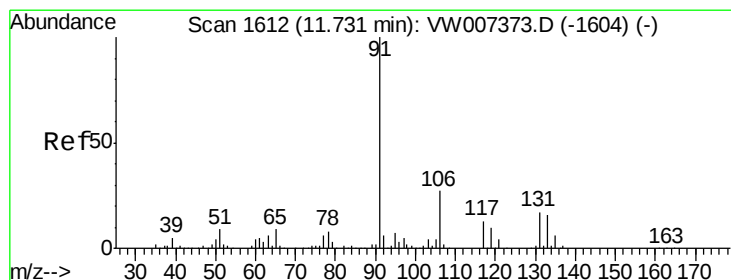
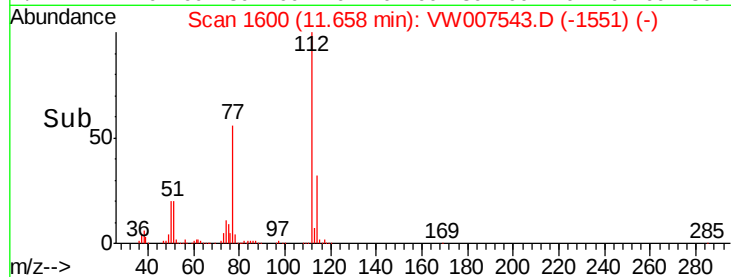
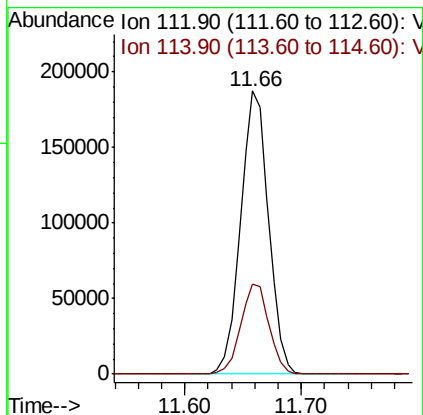
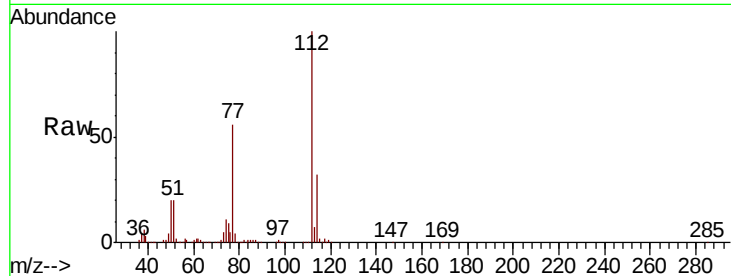




#65
Chlorobenzene
Concen: 290.732 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

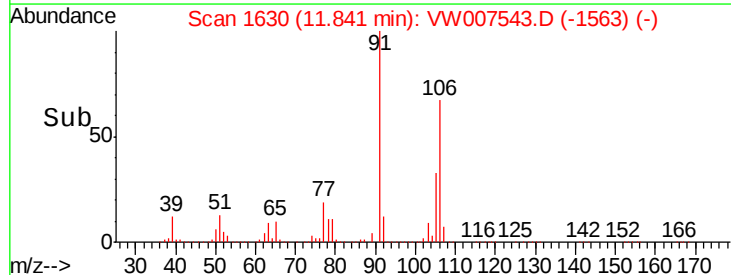
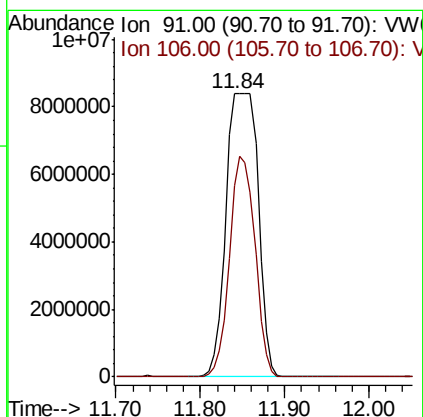
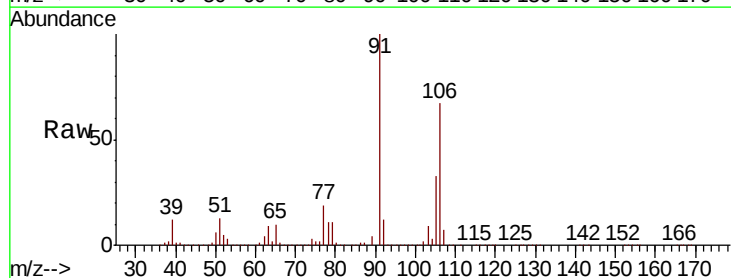
Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

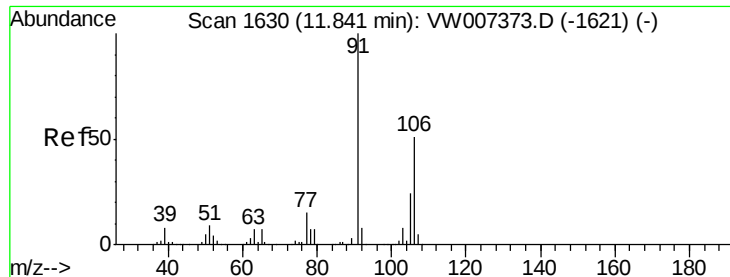
Tgt Ion:112 Resp: 313212
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#67
Ethyl Benzene
Concen: 11669.578 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.11 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 91 Resp:21614565
Ion Ratio Lower Upper
91 100
106 67.5 21.8 32.8#





#68

m/p-Xylenes

Concen: 18527.061 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

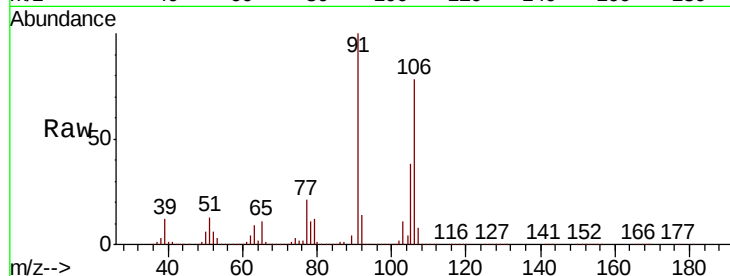
P001-SD002-0006-01

Tgt Ion:106 Resp:13340604

Ion Ratio Lower Upper

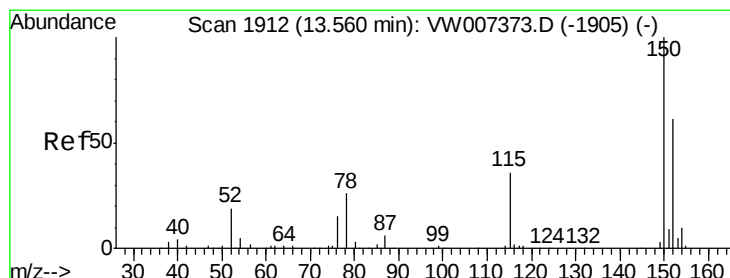
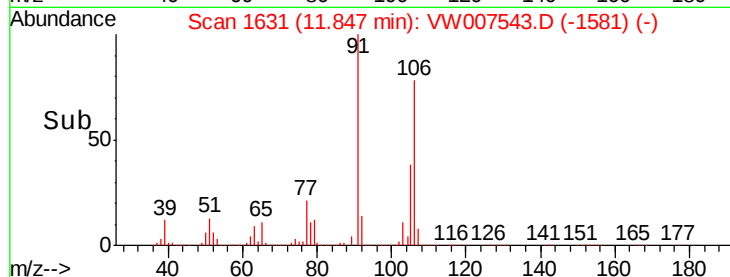
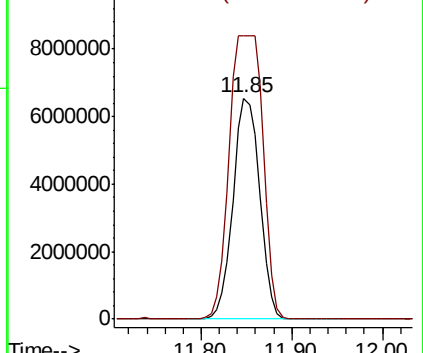
106 100

91 162.0 165.3 247.9#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

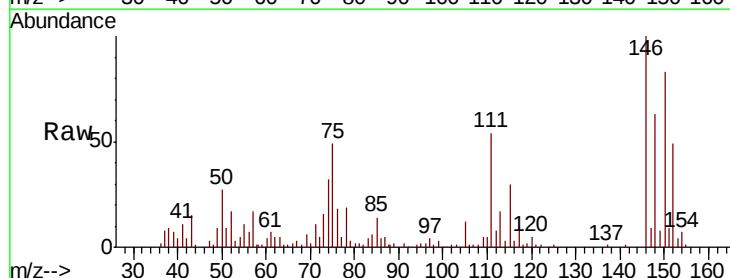
Tgt Ion:152 Resp: 11644

Ion Ratio Lower Upper

152 100

115 66.3 31.4 94.2

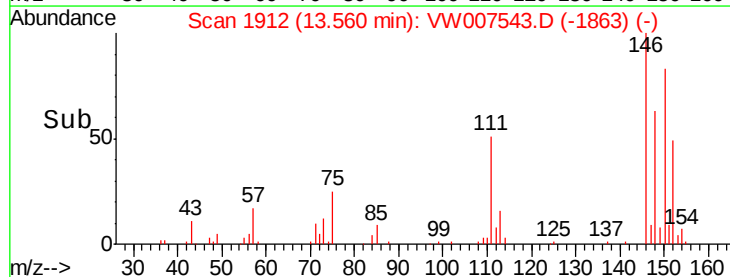
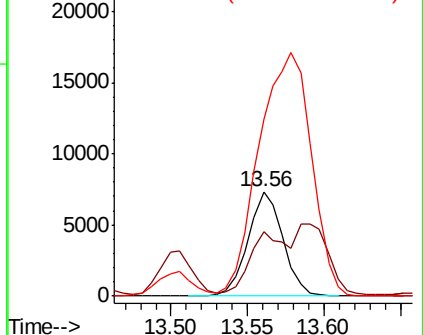
150 0.0 0.0 358.4

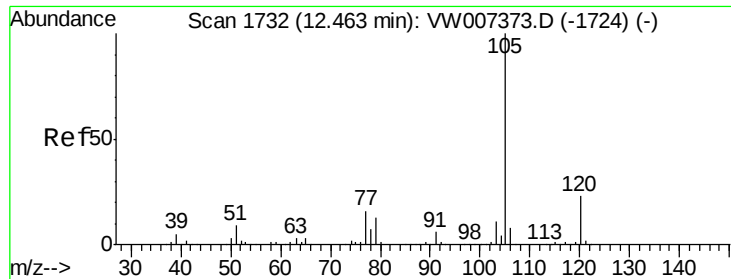


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 132.960 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

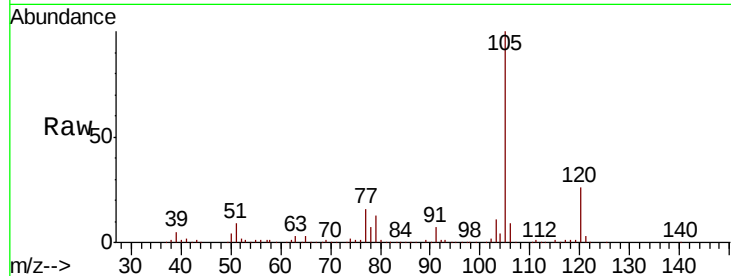
P001-SD002-0006-01

Tgt Ion: 105 Resp: 118628

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

20000

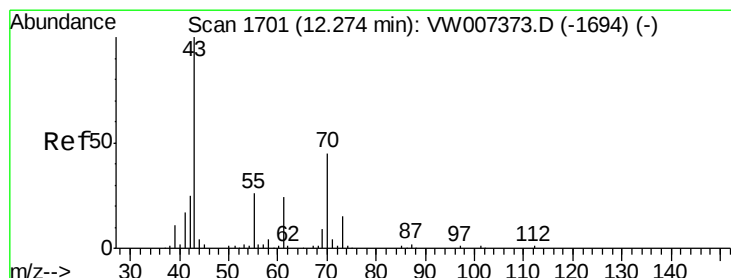
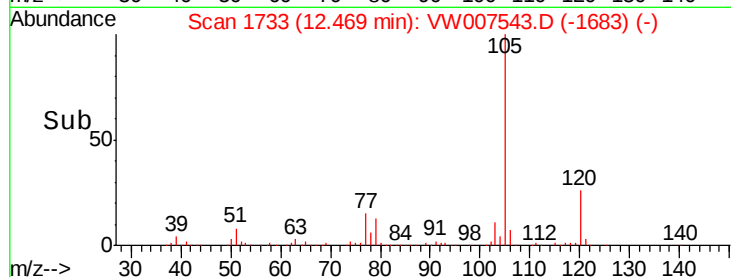
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 21.813 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Tgt Ion: 43 Resp: 3537

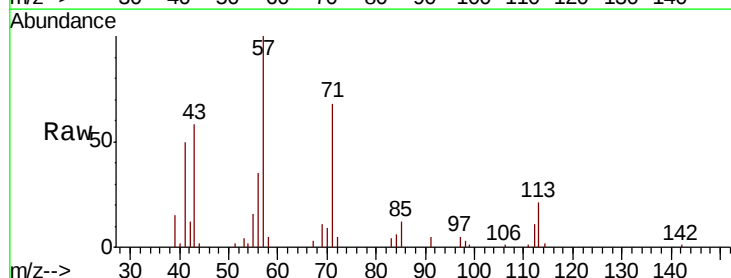
Ion Ratio Lower Upper

43 100

70 36.4 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

3000

2000

1000

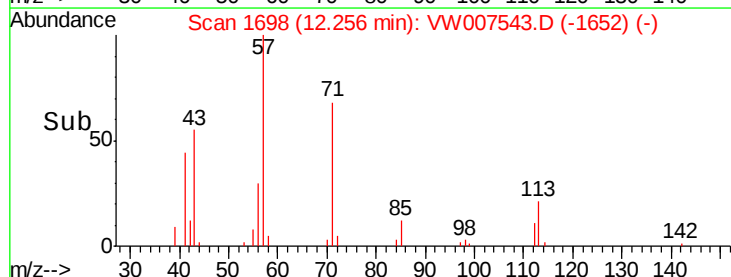
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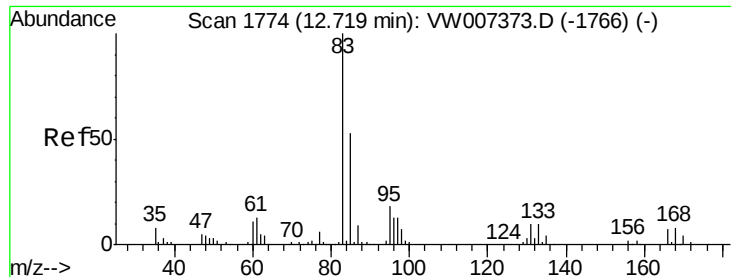
12.26

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 2.384 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SD002-0006-01

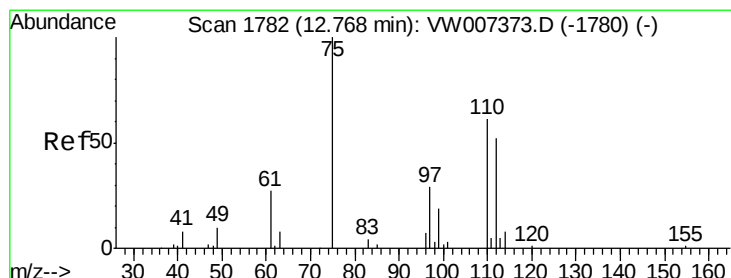
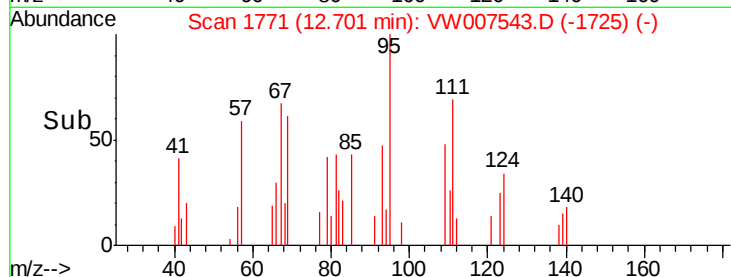
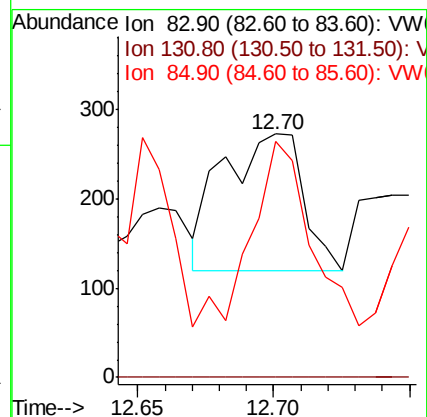
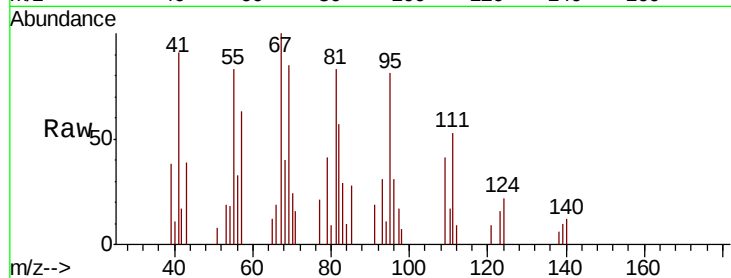
Tgt Ion: 83 Resp: 315

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

85 90.5 30.0 90.0#



#76

1,2,3-Trichloropropane

Concen: 11.395 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW007543.D

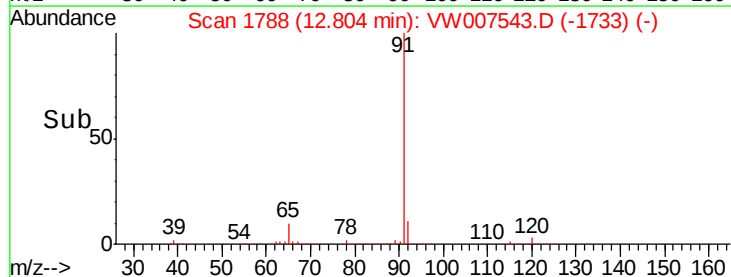
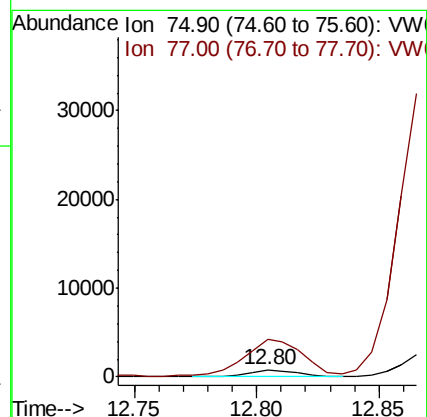
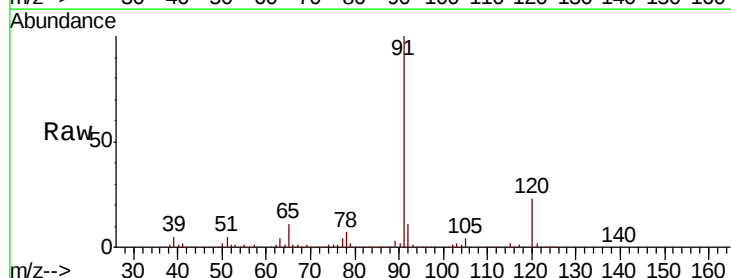
Acq: 14 Dec 2018 18:36

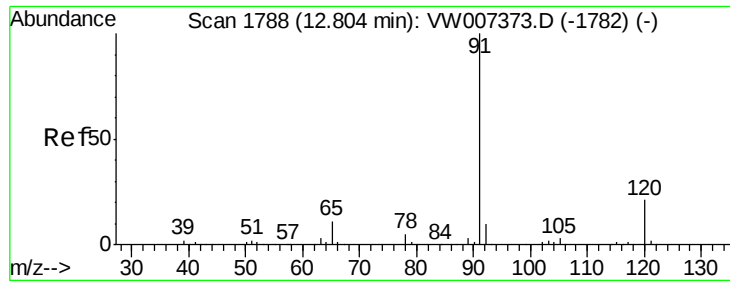
Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

75 100

77 643.6 166.9 500.8#





#78

n-propylbenzene

Concen: 162.000 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

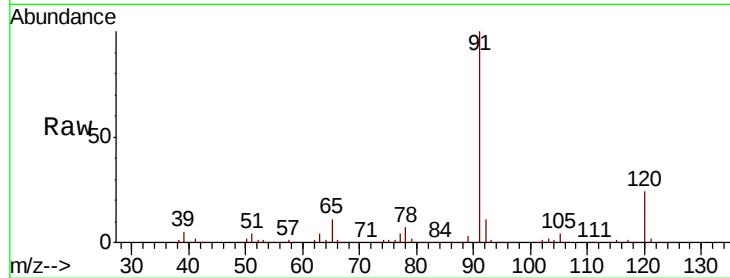
P001-SD002-0006-01

Tgt Ion: 91 Resp: 162664

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

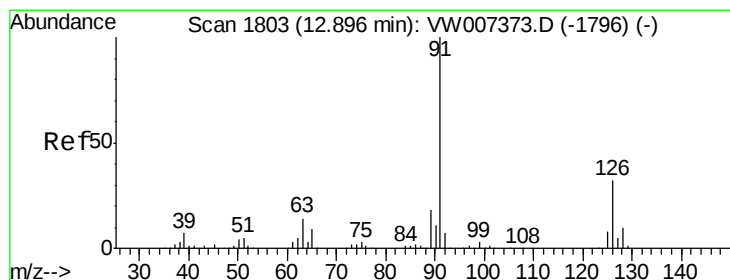
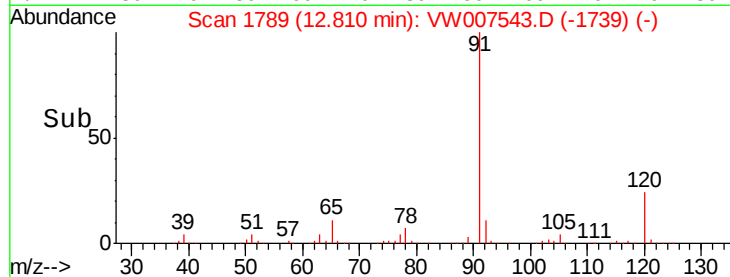
40000

20000

0

Time-->

12.75 12.80 12.85



#79

2-Chlorotoluene

Concen: 95.249 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007543.D

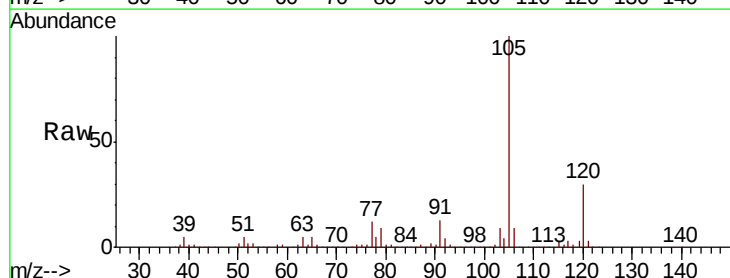
Acq: 14 Dec 2018 18:36

Tgt Ion: 91 Resp: 57869

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

60000

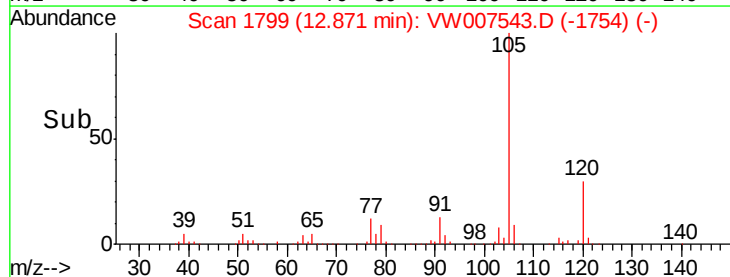
40000

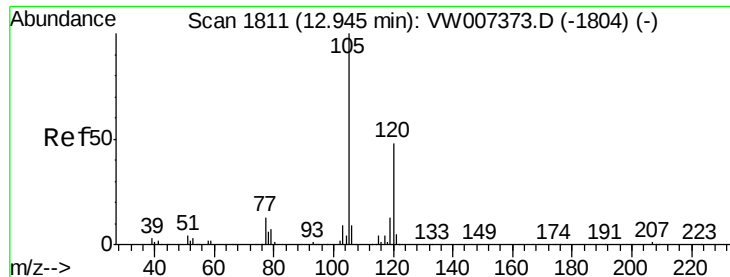
20000

0

Time-->

12.85 12.90

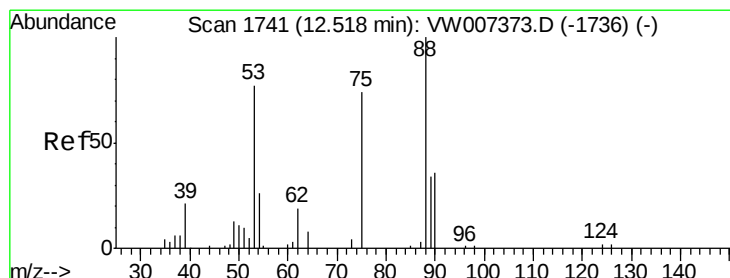
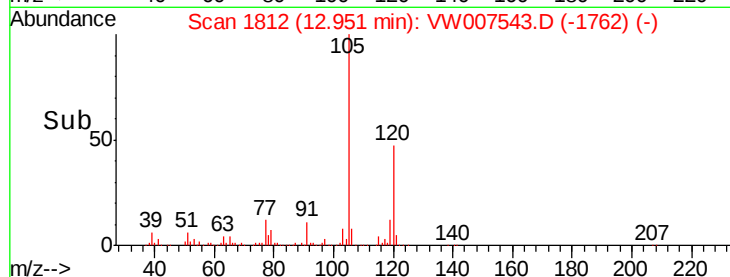
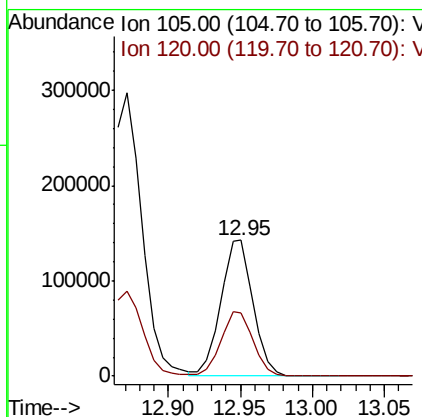
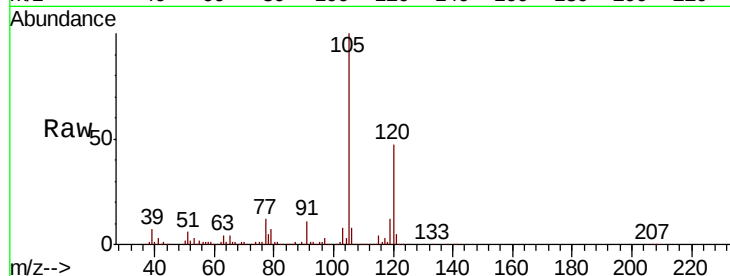




#80
 1,3,5-Trimethylbenzene
 Concen: 298.691 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

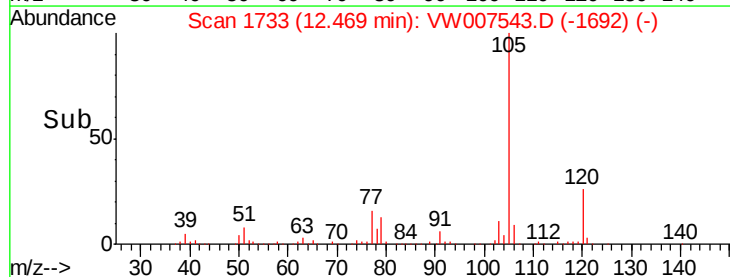
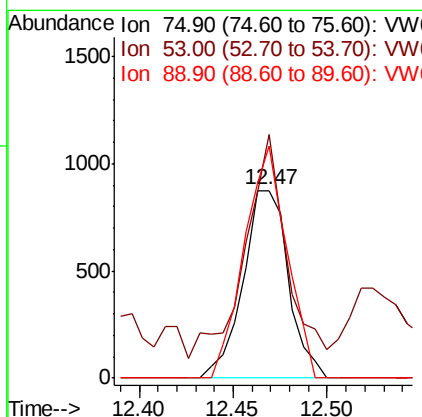
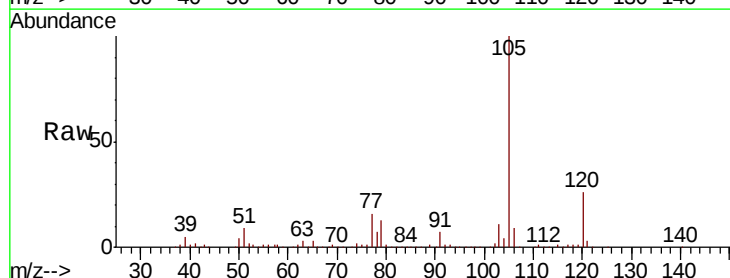
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

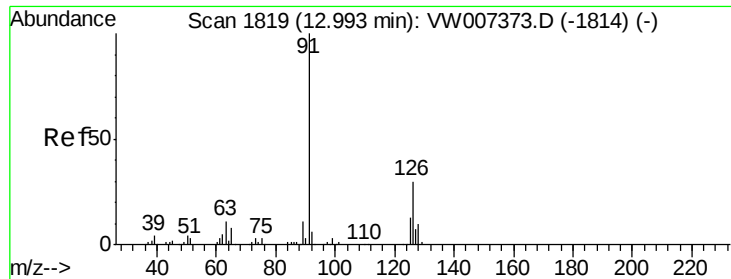
Tgt Ion: 105 Resp: 223921
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 33.639 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Tgt Ion: 75 Resp: 1462
 Ion Ratio Lower Upper
 75 100
 53 106.2 84.9 127.3
 89 115.9 40.3 60.5#

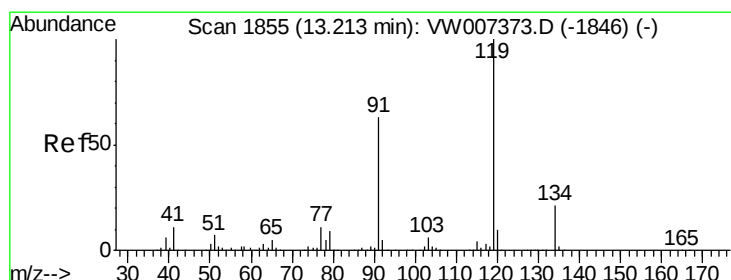
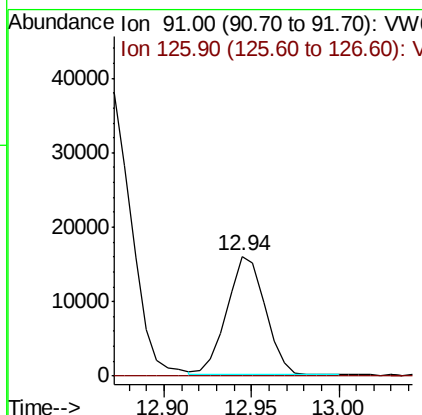
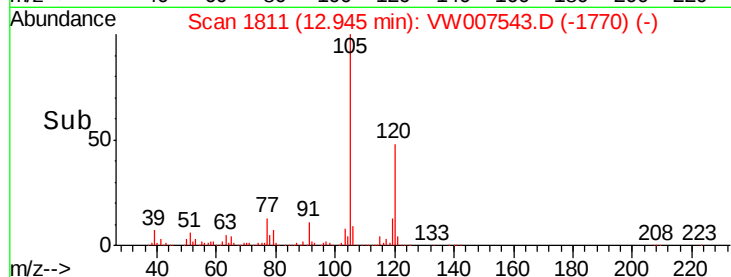
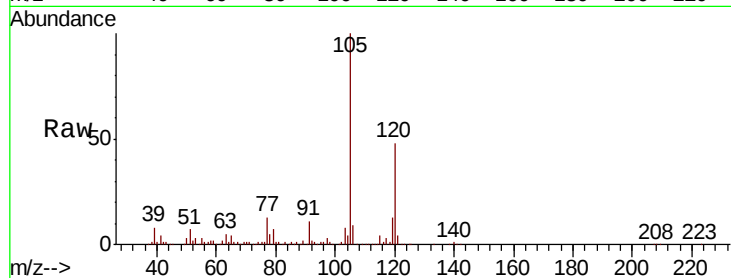




#82
4-Chlorotoluene
Concen: 38.064 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

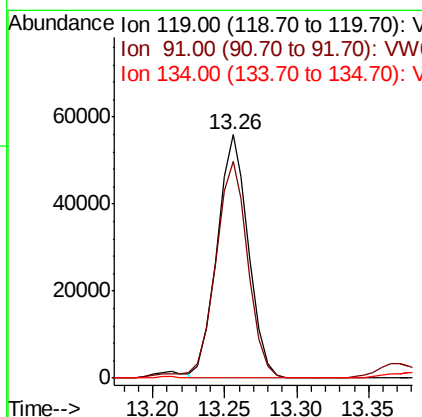
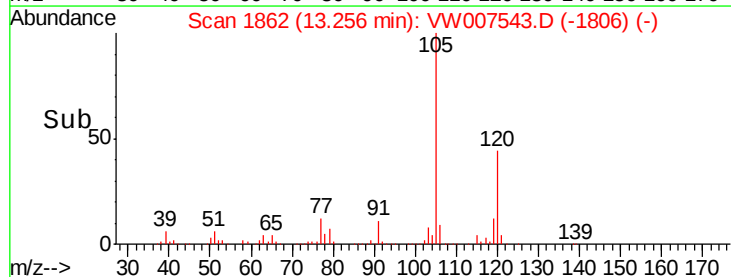
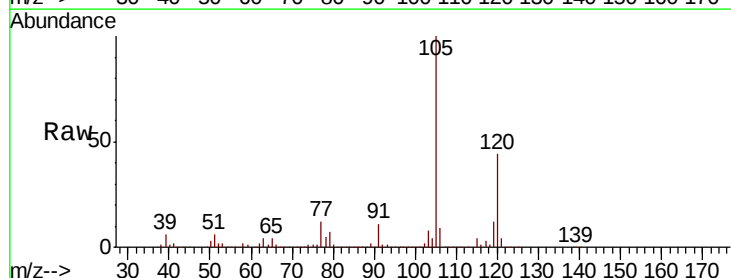
Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

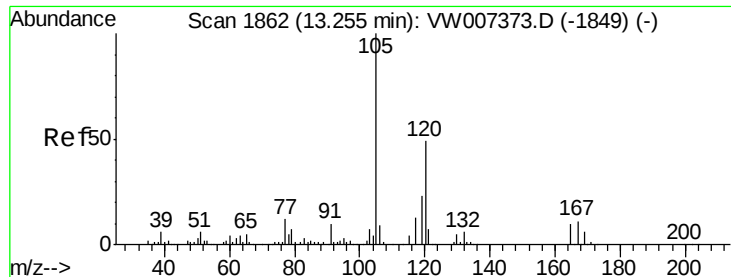
Tgt Ion: 91 Resp: 24377
Ion Ratio Lower Upper
91 100
126 0.1 16.0 48.0#



#83
tert-Butylbenzene
Concen: 128.676 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion: 119 Resp: 84999
Ion Ratio Lower Upper
119 100
91 92.4 33.1 99.2
134 0.0 12.5 37.5#

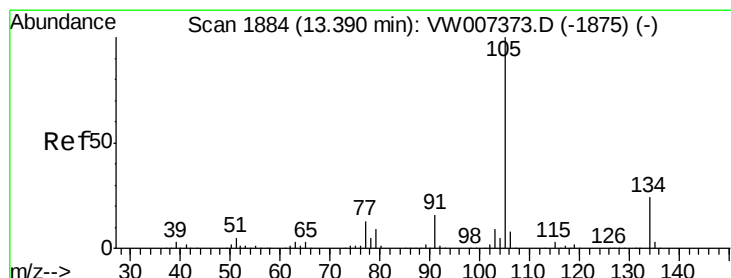
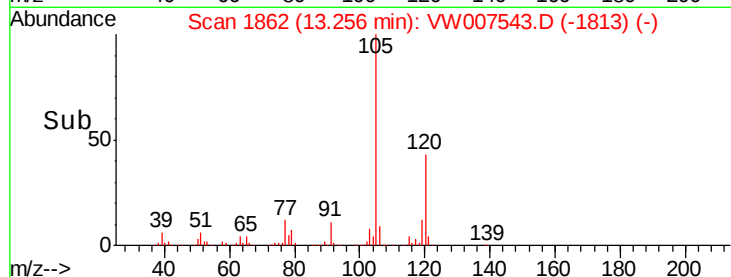
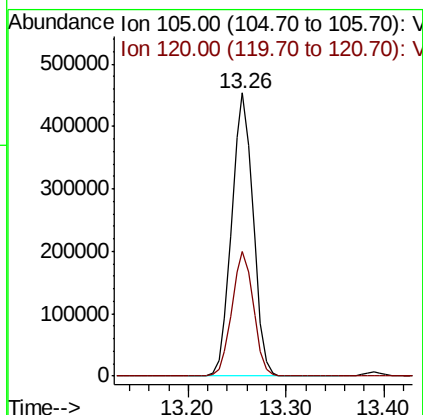
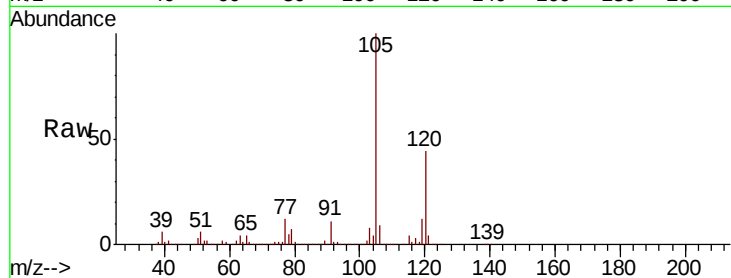




#84
1,2,4-Trimethylbenzene
Concen: 896.585 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

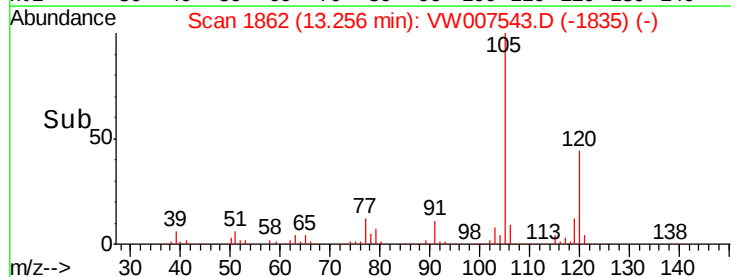
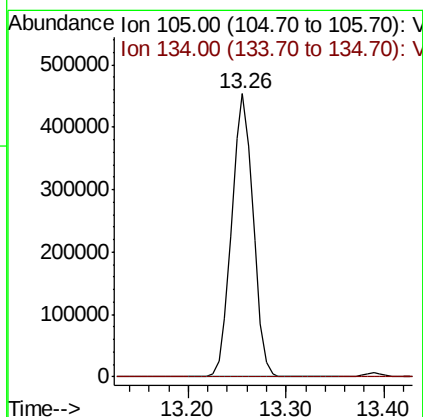
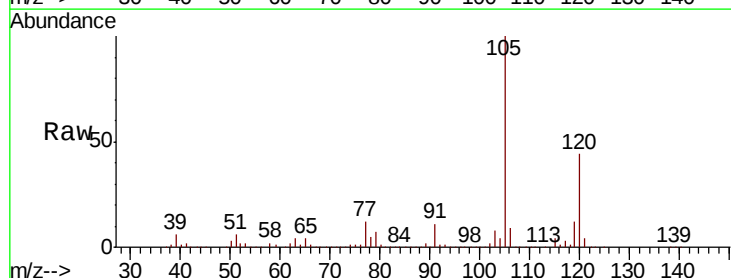
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MSVOA_W
ClientSampleId :
P001-SD002-0006-01

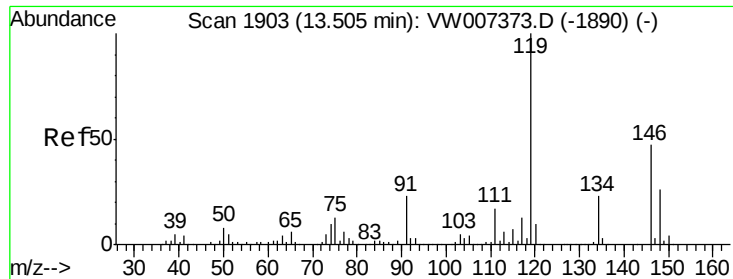
Tgt Ion:105 Resp: 691674
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7



#85
sec-Butylbenzene
Concen: 767.029 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion:105 Resp: 691674
Ion Ratio Lower Upper
105 100
134 0.0 11.1 33.3#

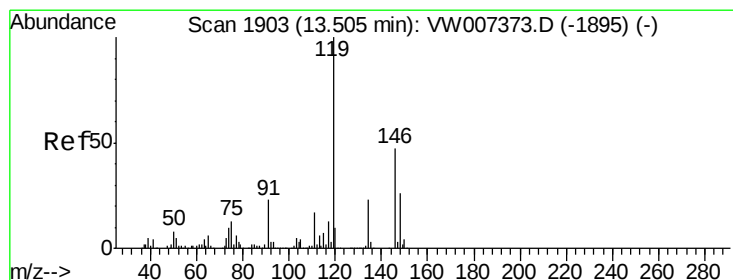
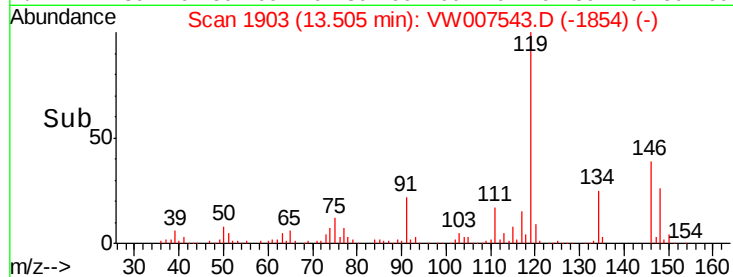
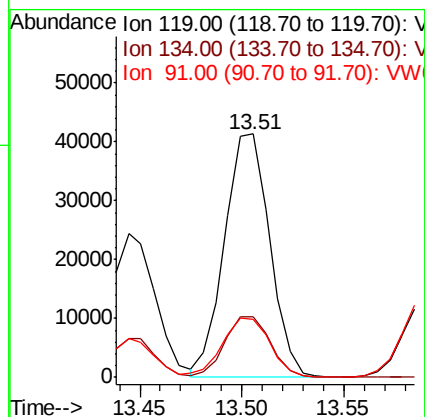
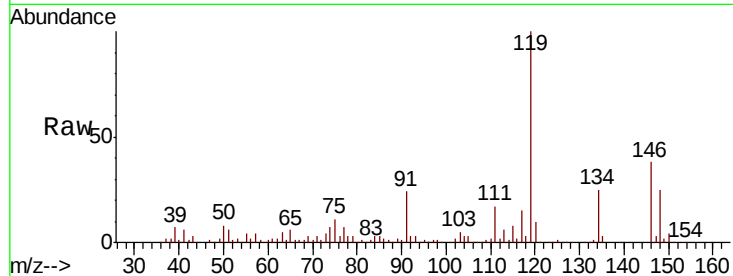




#86
p-Isopropyltoluene
Concen: 78.505 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

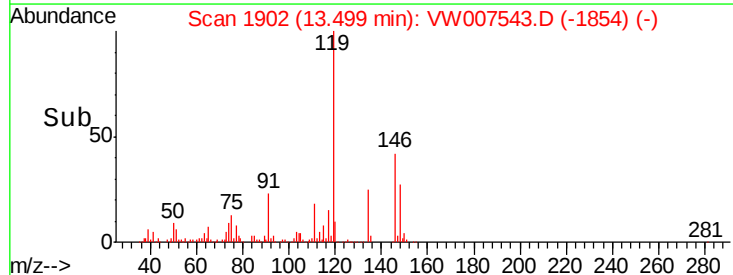
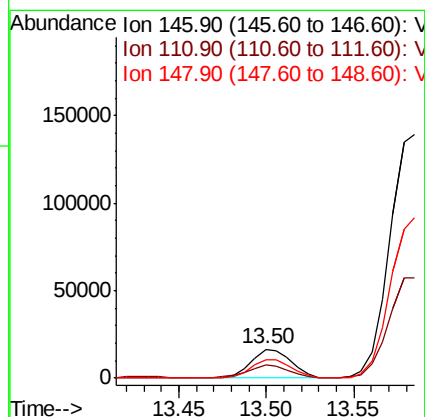
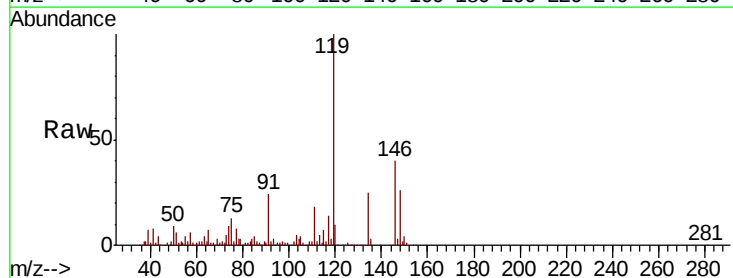
Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0006-01

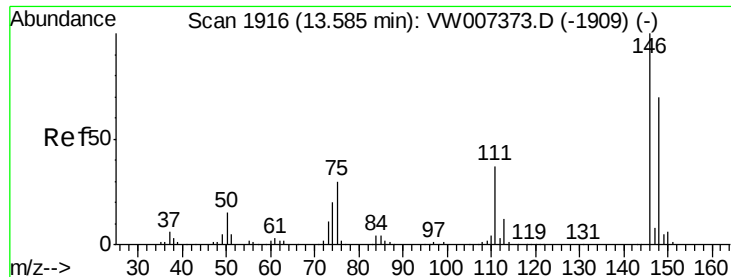
Tgt Ion:119 Resp: 63598
Ion Ratio Lower Upper
119 100
134 25.2 12.9 38.7
91 25.6 11.9 35.9



#87
1,3-Dichlorobenzene
Concen: 67.163 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW007543.D
Acq: 14 Dec 2018 18:36

Tgt Ion:146 Resp: 26483
Ion Ratio Lower Upper
146 100
111 44.6 20.1 60.3
148 64.8 31.4 94.0

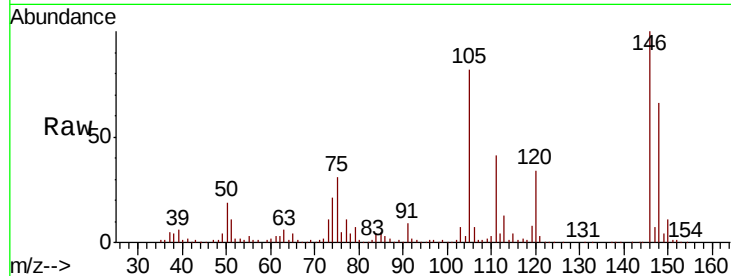




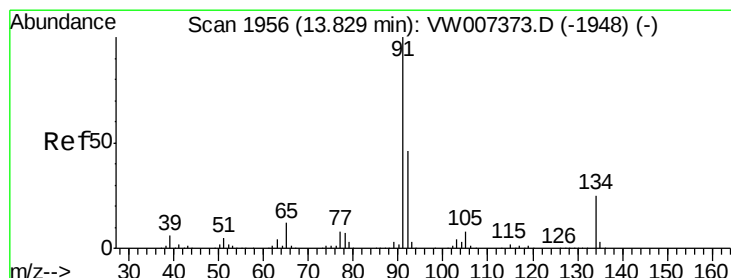
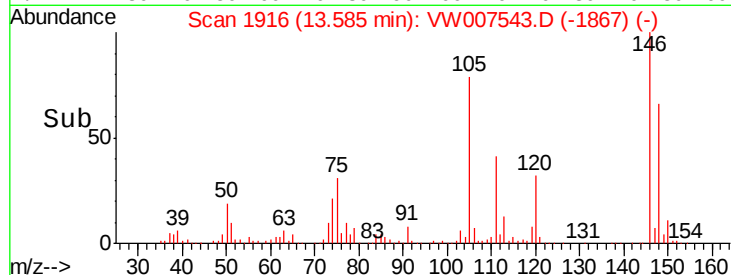
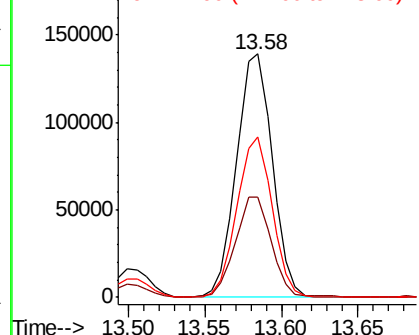
#88
 1,4-Dichlorobenzene
 Concen: 570.199 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

Tgt Ion:146 Resp: 226033
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 64.4 33.5 100.5

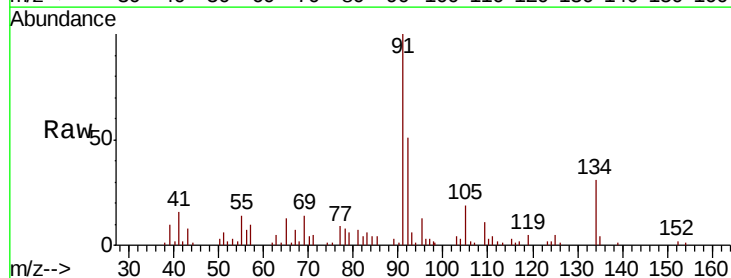


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

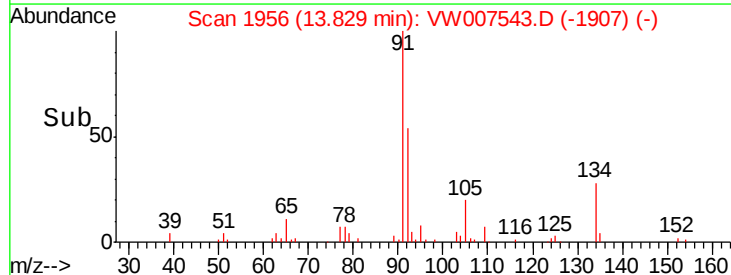
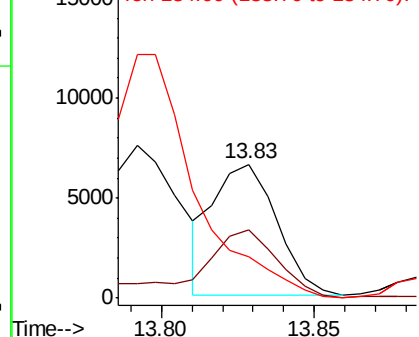


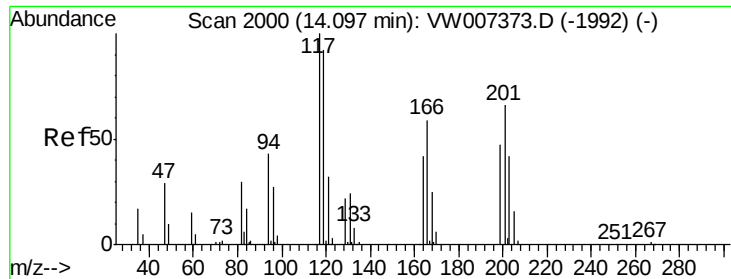
#89
 n-Butylbenzene
 Concen: 12.507 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Tgt Ion: 91 Resp: 9393
 Ion Ratio Lower Upper
 91 100
 92 66.3 25.7 77.1
 134 0.0 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: 44.803 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

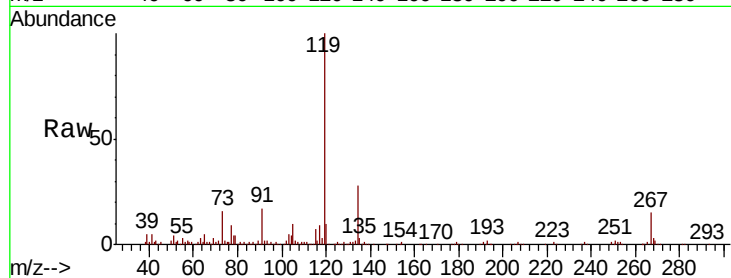
P001-SD002-0006-01

Tgt Ion:117 Resp: 6458

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#

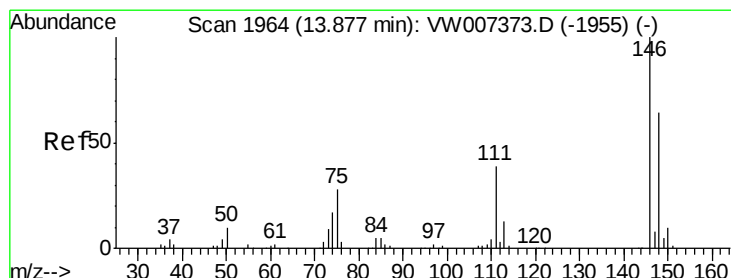
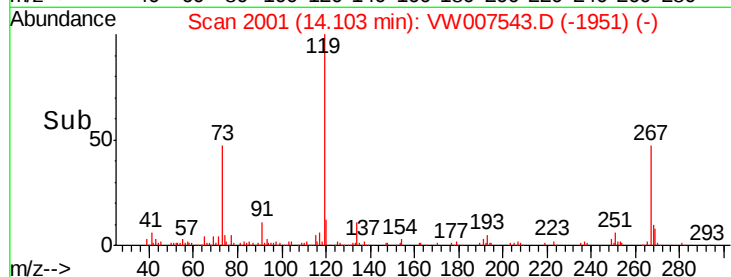


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.10

Time-->



#91

1,2-Dichlorobenzene

Concen: 17.615 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

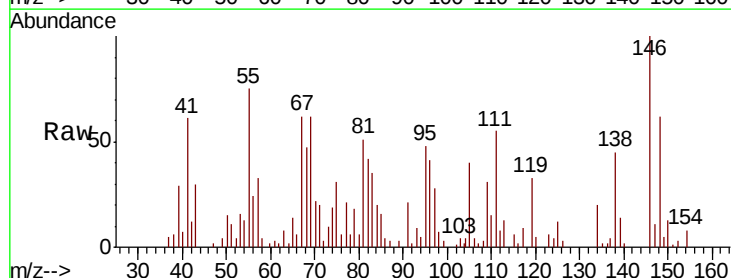
Tgt Ion:146 Resp: 6221

Ion Ratio Lower Upper

146 100

111 63.0 22.4 67.2

148 65.6 32.4 97.2



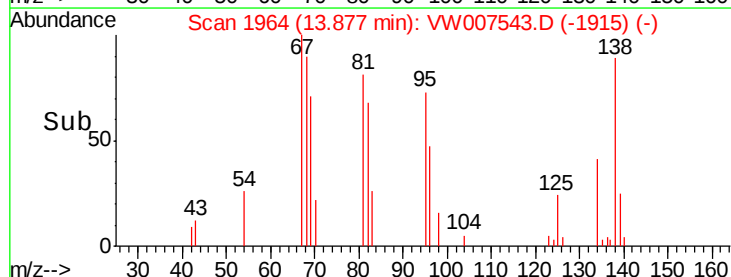
Abundance Ion 145.90 (145.60 to 146.60): V

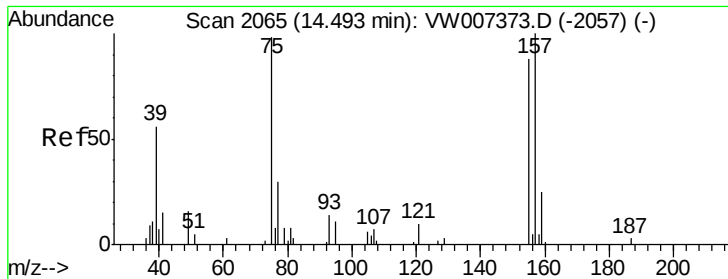
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.88

Time-->

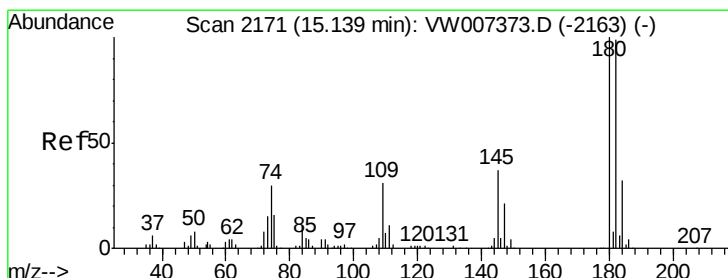
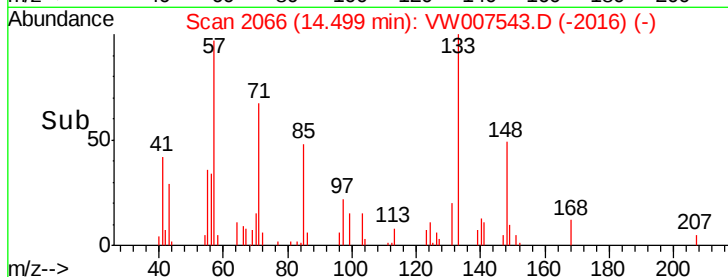
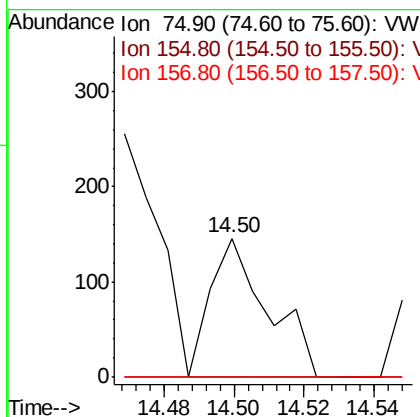
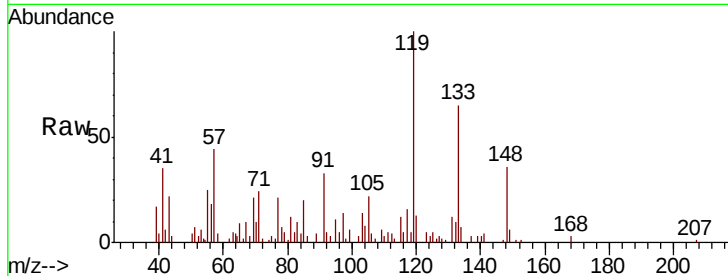




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.260 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

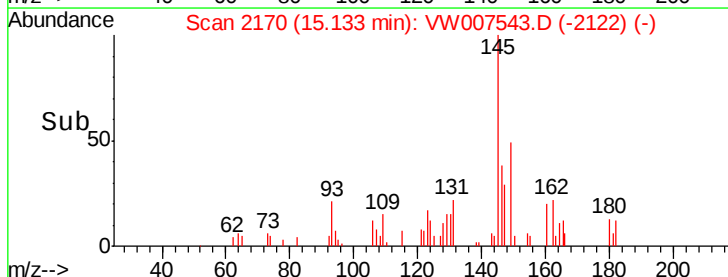
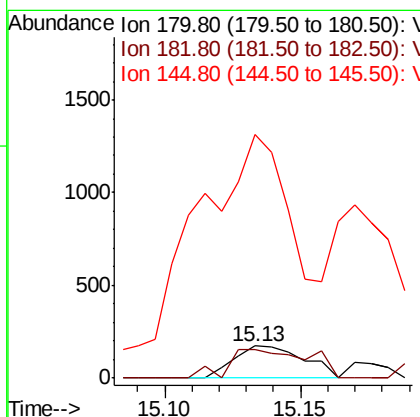
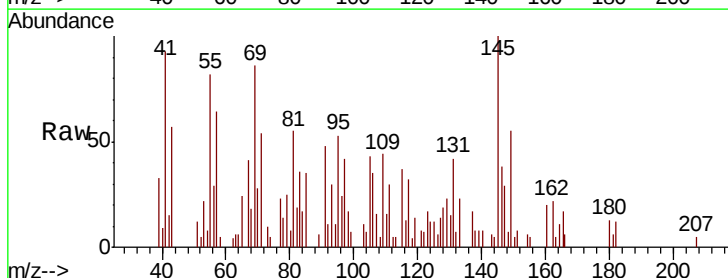
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD002-0006-01

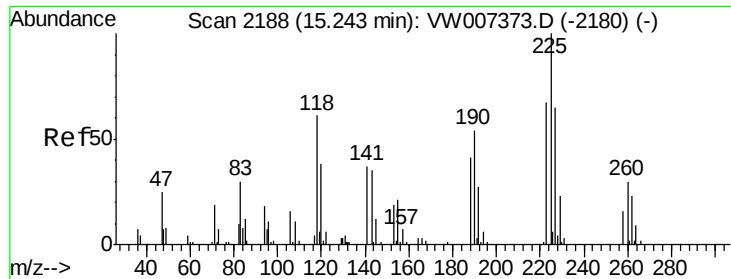
Tgt Ion: 75 Resp: 166
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.2#
 157 0.0 51.1 153.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.263 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW007543.D
 Acq: 14 Dec 2018 18:36

Tgt Ion: 180 Resp: 307
 Ion Ratio Lower Upper
 180 100
 182 105.9 49.9 149.6
 145 1111.1 17.8 53.4#





#94

Hexachlorobutadiene

Concen: 1.373 ug/l

RT: 15.51 min Scan# 2231

Delta R.T. 0.26 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

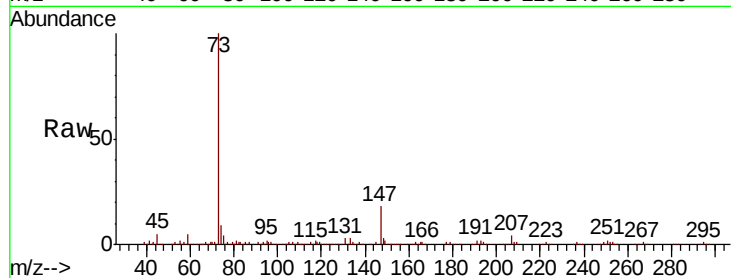
Instrument :

MSVOA_W

ClientSampleId :

P001-SD002-0006-01

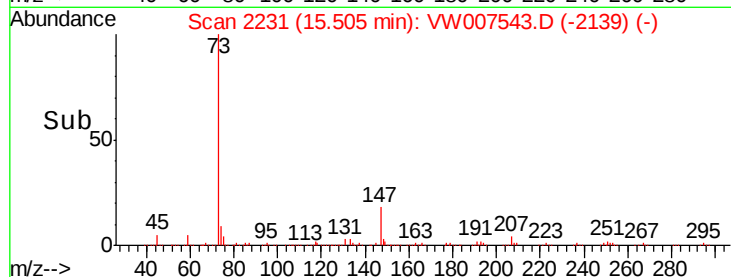
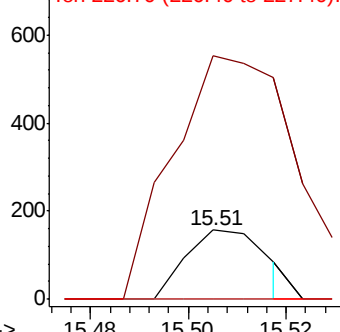
Tgt Ion:	225	Resp:	177
Ion	Ratio	Lower	Upper
225	100		
223	458.2	32.1	96.3#
227	0.0	31.9	95.9#



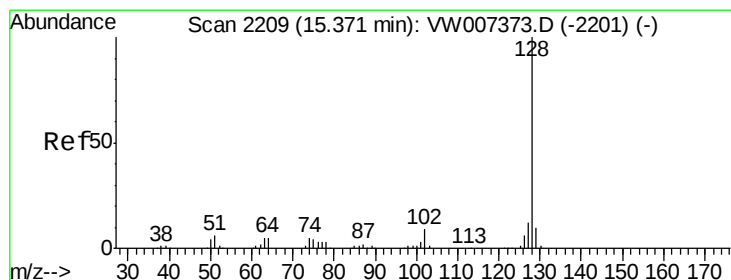
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 361.193 ug/l

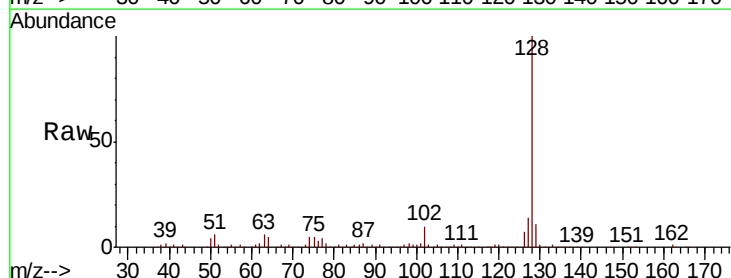
RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW007543.D

Acq: 14 Dec 2018 18:36

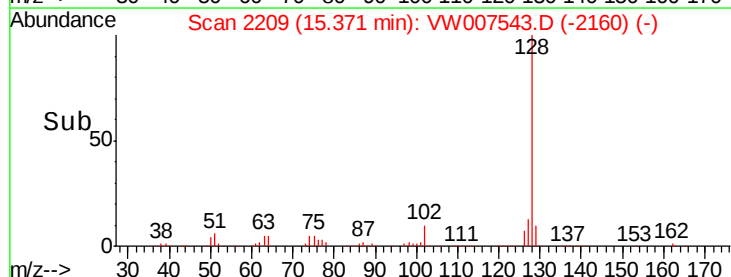
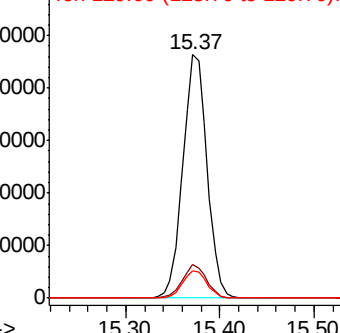
Tgt Ion:	128	Resp:	167938
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.3	8.3	12.5



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



Time-->