

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
 Data File : VW007831.D
 Acq On : 22 Dec 2018 09:41
 Operator : SY/AP
 Sample : J6426-12
 Misc : 6.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

Quant Time: Dec 23 23:48:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	44166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	36495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.50	152	8799	50.00	ug/l	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	18078	88.17	ug/l	0.00
Spiked Amount			Recovery	=	176.34%	
35) Dibromofluoromethane	7.88	113	13221	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	33942	33.42	ug/l	0.00
Spiked Amount			Recovery	=	66.84%	
62) 4-Bromofluorobenzene	12.62	95	14932	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	297	21.473	ug/l #	73
15) Acrylonitrile	5.44	53	487	13.773	ug/l #	31
16) Acetone	4.12	43	8556	222.841	ug/l	93
18) Methyl Acetate	4.68	43	582	6.374	ug/l #	46
20) Methylene Chloride	4.92	84	2450	7.385	ug/l #	84
25) 2-Butanone	7.18	43	3695	82.162	ug/l #	74
26) 2,2-Dichloropropane	7.13	77	1187	4.865	ug/l #	53
29) Tetrahydrofuran	7.54	42	76	2.833	ug/l #	27
31) Cyclohexane	7.96	56	3912	12.817	ug/l	89
36) 1,1-Dichloropropene	7.95	75	1614	3.786	ug/l #	48
37) Ethyl Acetate	7.26	43	336	2.284	ug/l #	68
38) Carbon Tetrachloride	7.95	117	1919	3.822	ug/l #	11
39) Methylcyclohexane	9.34	83	11539	21.784	ug/l #	87
40) Benzene	8.33	78	2731	2.401	ug/l	97
43) Isopropyl Acetate	8.42	43	589	1.998	ug/l #	49
48) Methyl methacrylate	9.52	41	739	5.023	ug/l #	69
51) 4-Methyl-2-Pentanone	10.21	43	354	2.541	ug/l	90
52) Toluene	10.39	92	95397	124.996	ug/l	99
55) 1,1,2-Trichloroethane	10.77	97	2251	10.509	ug/l #	23
56) Ethyl methacrylate	10.63	69	265	1.047	ug/l #	62
59) 2-Hexanone	11.04	43	795	8.116	ug/l	65
65) Chlorobenzene	11.66	112	374835	474.530	ug/l	98
67) Ethyl Benzene	11.73	91	48475	35.762	ug/l	96
68) m/p-Xylenes	11.84	106	163737	311.400	ug/l	100
69) o-Xylene	12.17	106	42577	86.384	ug/l	98
70) Styrene	12.17	104	2835	3.499	ug/l #	1
71) Bromoform	12.33	173	237	1.618	ug/l #	55
73) Isopropylbenzene	12.47	105	72396	108.849	ug/l	100
74) N-amyl acetate	12.29	43	558	4.843	ug/l #	8
75) 1,1,2,2-Tetrachloroethane	12.71	83	13518	135.557	ug/l #	27
76) 1,2,3-Trichloropropane	12.80	75	728	10.705	ug/l #	100
77) Bromobenzene	12.93	156	149360	979.887	ug/l #	1
78) n-propylbenzene	12.80	91	100827	130.229	ug/l	98
79) 2-Chlorotoluene	12.80	91	100827	223.551	ug/l #	41

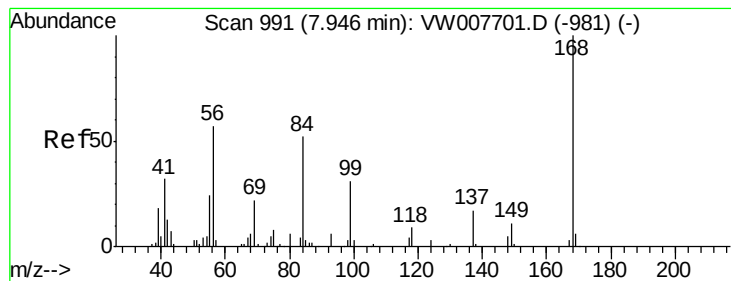
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.11	105	133841	233.294	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.47	75	2812	86.793	ug/l #	36
82) 4-Chlorotoluene	13.11	91	15903	33.115	ug/l	77
83) tert-Butylbenzene	13.21	119	3237	6.431	ug/l	80
84) 1,2,4-Trimethylbenzene	13.26	105	501253	865.875	ug/l	100
85) sec-Butylbenzene	13.26	105	501253	722.529	ug/l #	56
86) p-Isopropyltoluene	13.51	119	8587	13.612	ug/l	90
87) 1,3-Dichlorobenzene	13.51	146	24847	82.101	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	342151	1130.229	ug/l	100
89) n-Butylbenzene	13.83	91	5005	8.653	ug/l #	73
90) Hexachloroethane	14.10	117	3235	29.210	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.46	75	322	15.723	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.14	180	5482	29.146	ug/l #	82
95) Naphthalene	15.37	128	40752	117.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	2735	16.987	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

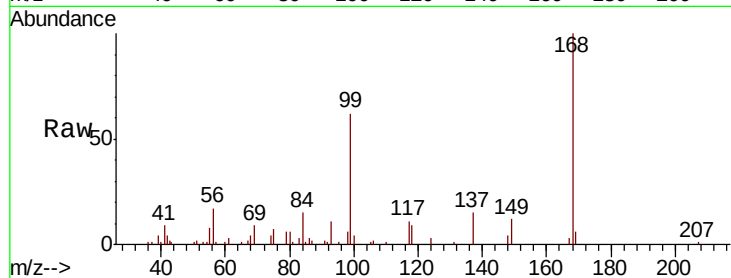
P001-SS013B-3036-01

Tgt Ion:168 Resp: 18707

Ion Ratio Lower Upper

168 100

99 61.9 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

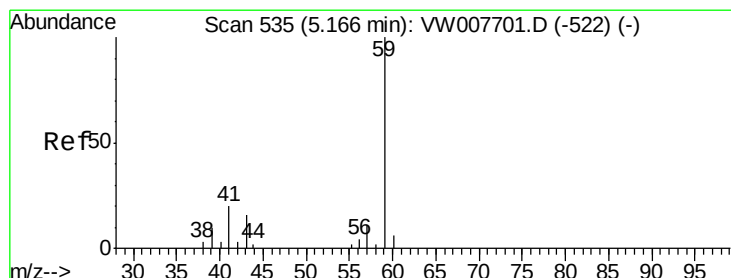
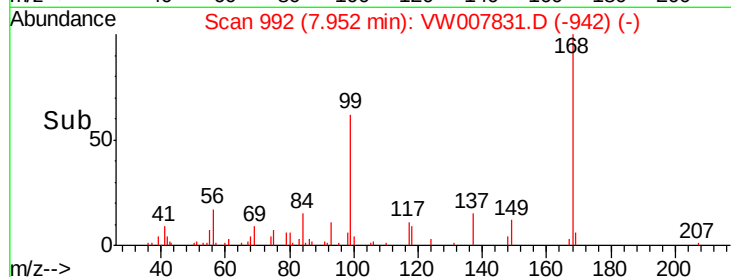
4000

2000

0

7.85 7.90 7.95 8.00

Time-->



#11

Tert butyl alcohol

Concen: 21.473 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW007831.D

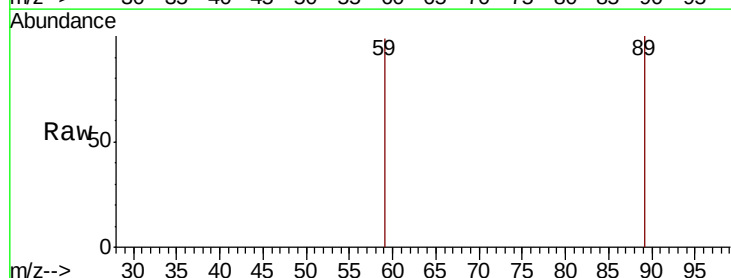
Acq: 22 Dec 2018 09:41

Tgt Ion: 59 Resp: 297

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

150

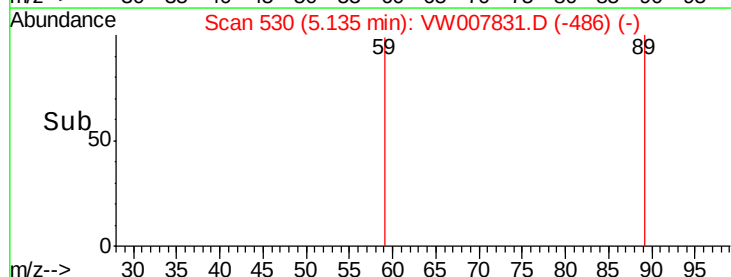
100

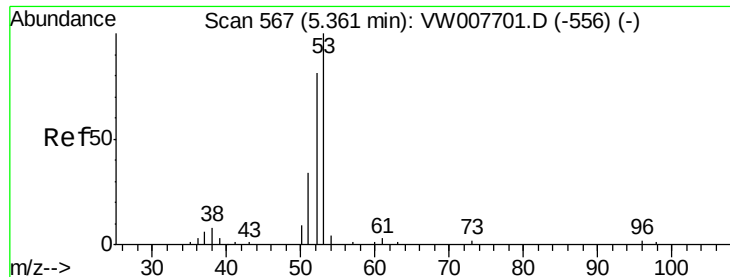
50

0

5.05 5.10 5.15 5.20

Time-->





#15

Acrylonitrile

Concen: 13.773 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.08 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

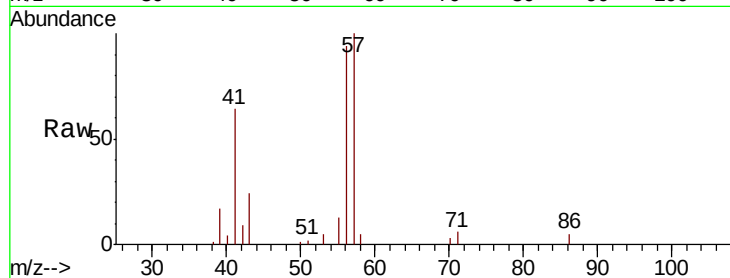
Tgt Ion: 53 Resp: 487

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

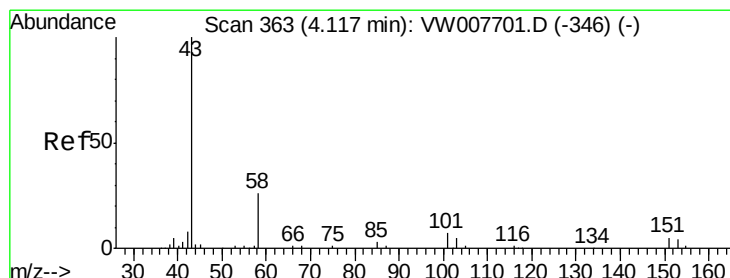
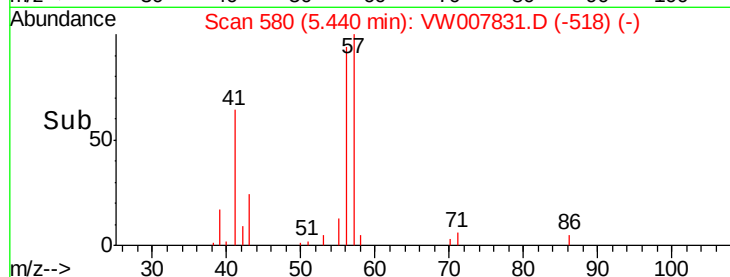
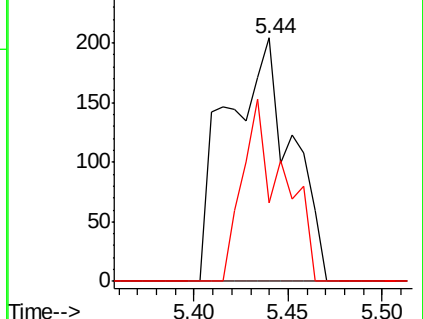
51 47.2 30.2 45.2#



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



#16

Acetone

Concen: 222.841 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007831.D

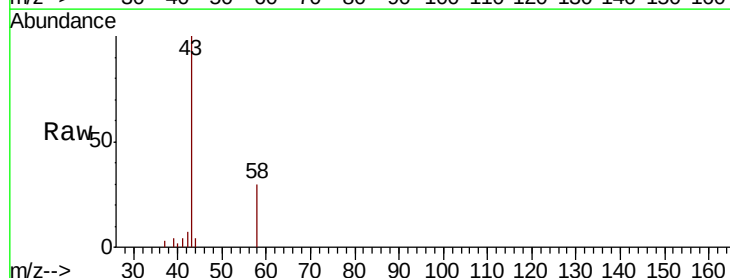
Acq: 22 Dec 2018 09:41

Tgt Ion: 43 Resp: 8556

Ion Ratio Lower Upper

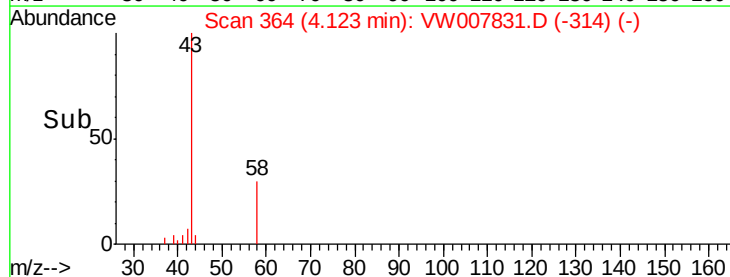
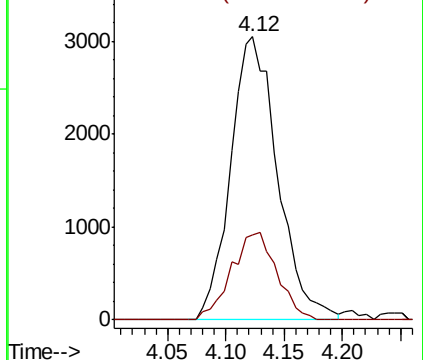
43 100

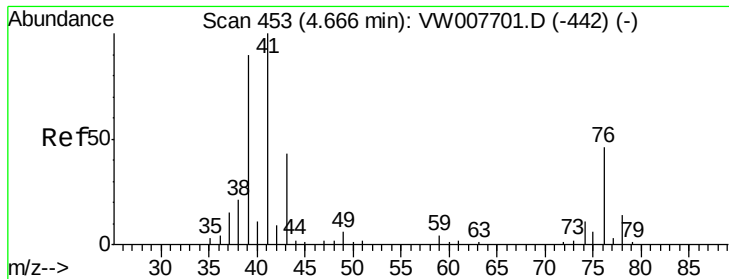
58 29.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 6.374 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

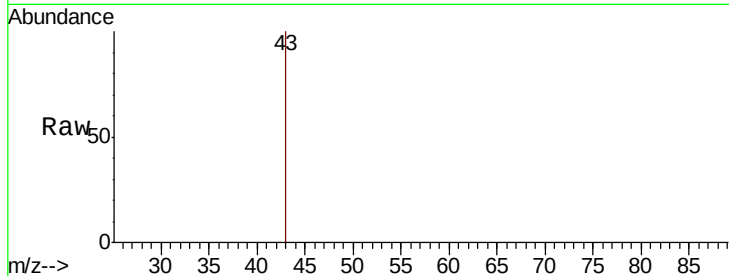
P001-SS013B-3036-01

Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

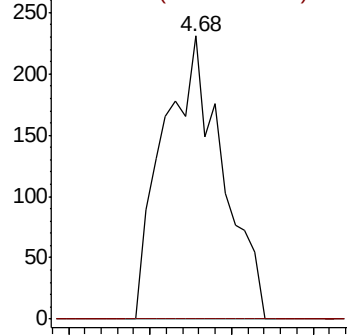
43 100

74 0.0 22.7 34.1#

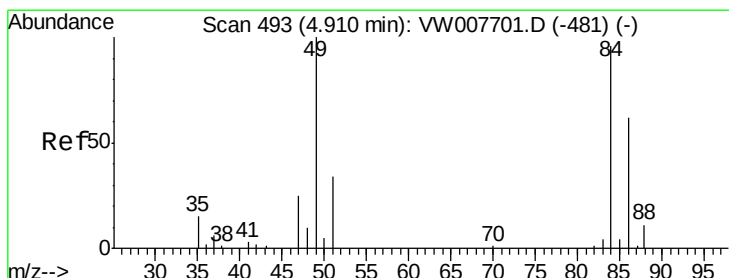
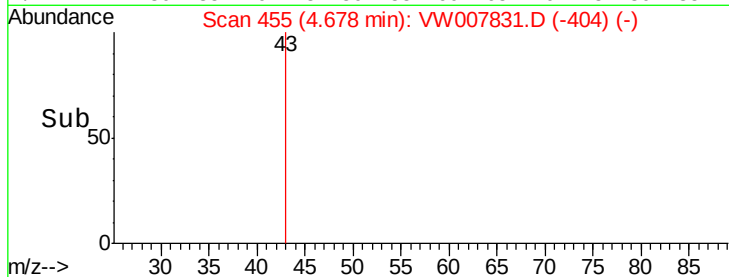


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time--> 4.60 4.65 4.70 4.75



#20

Methylene Chloride

Concen: 7.385 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Tgt Ion: 84 Resp: 2450

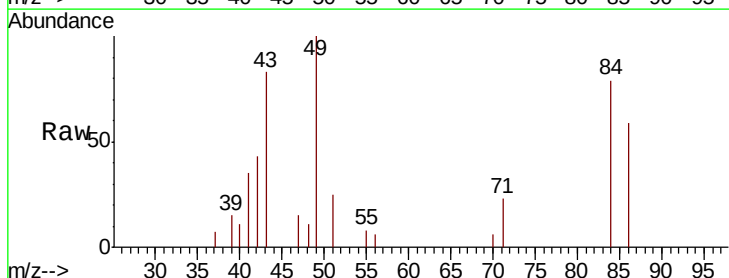
Ion Ratio Lower Upper

84 100

49 126.7 83.7 125.5#

51 32.3 28.2 42.2

86 75.1 52.2 78.2

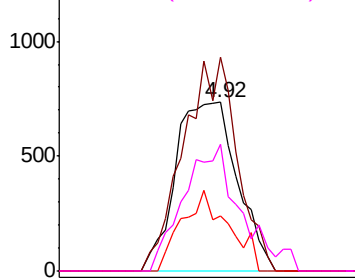


Abundance Ion 83.90 (83.60 to 84.60): VW

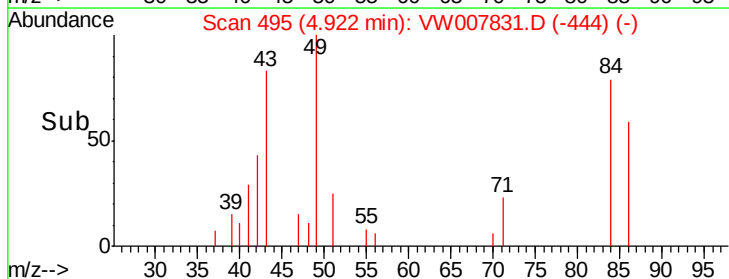
Ion 48.90 (48.60 to 49.60): VW

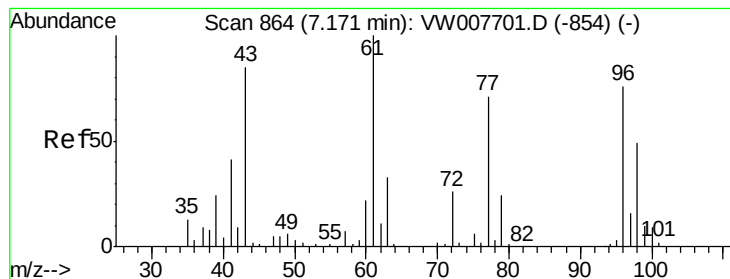
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.85 4.90 4.95 5.00





#25

2-Butanone

Concen: 82.162 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

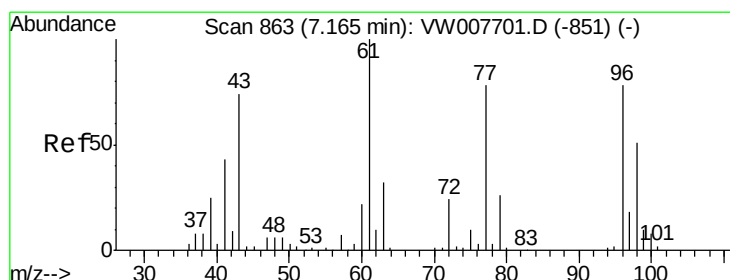
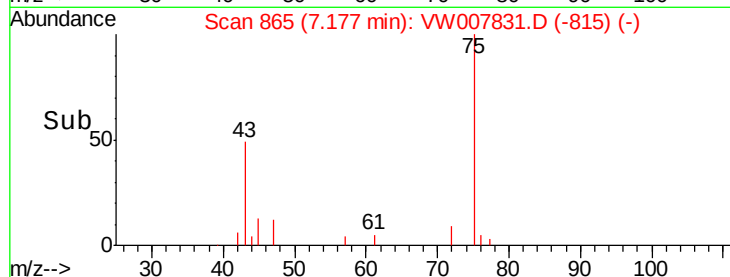
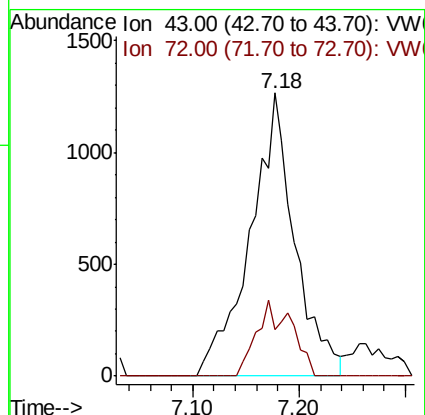
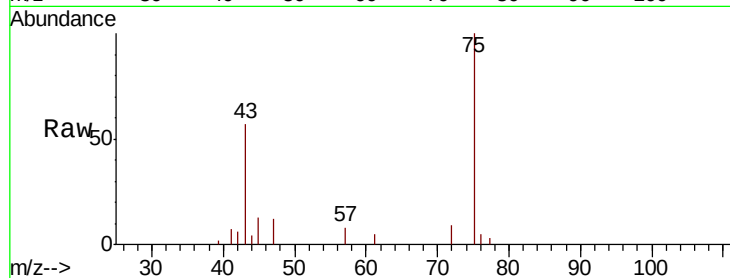
P001-SS013B-3036-01

Tgt Ion: 43 Resp: 3695

Ion Ratio Lower Upper

43 100

72 16.5 24.5 36.7#



#26

2,2-Dichloropropane

Concen: 4.865 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007831.D

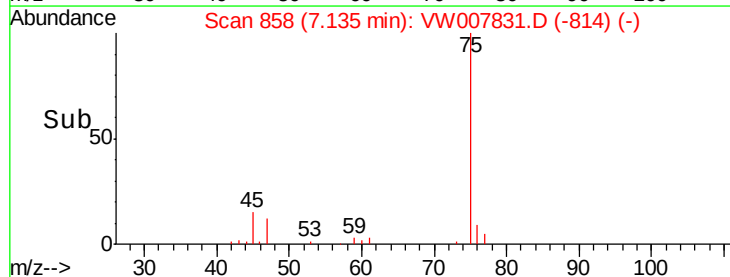
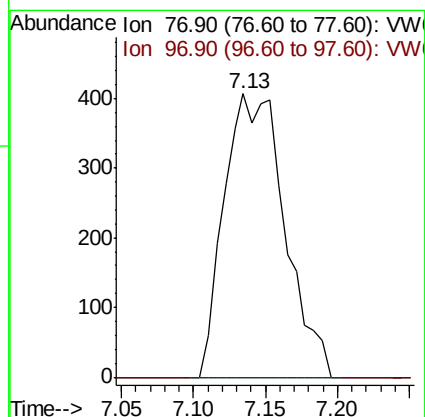
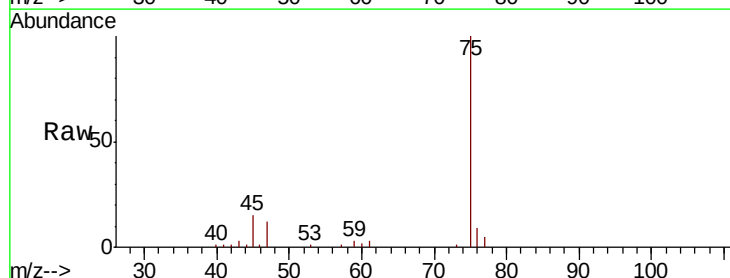
Acq: 22 Dec 2018 09:41

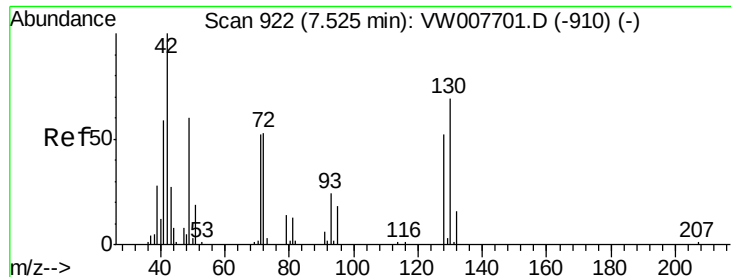
Tgt Ion: 77 Resp: 1187

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.9#





#29

Tetrahydrofuran

Concen: 2.833 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

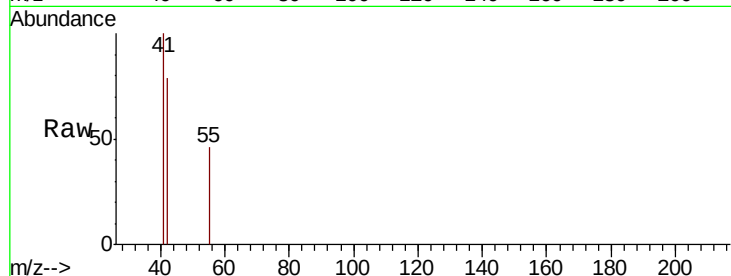
Tgt Ion: 42 Resp: 76

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

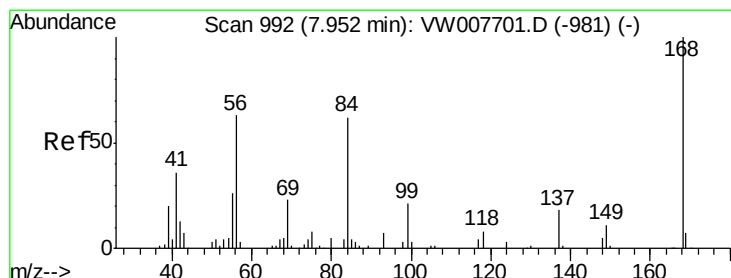
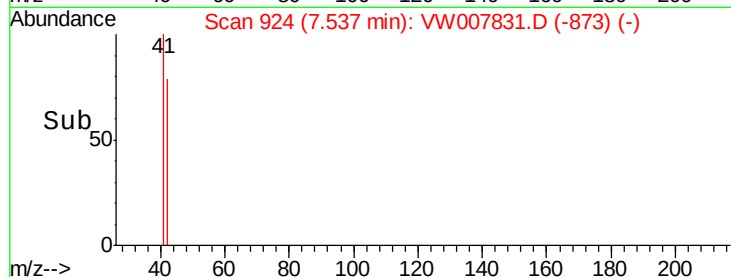
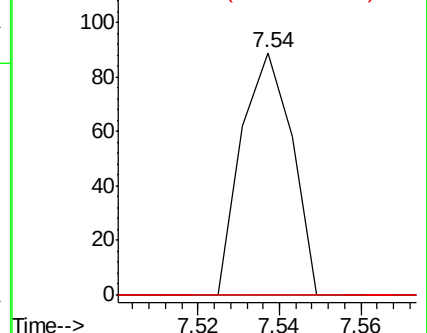
71 0.0 39.0 58.6#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 12.817 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

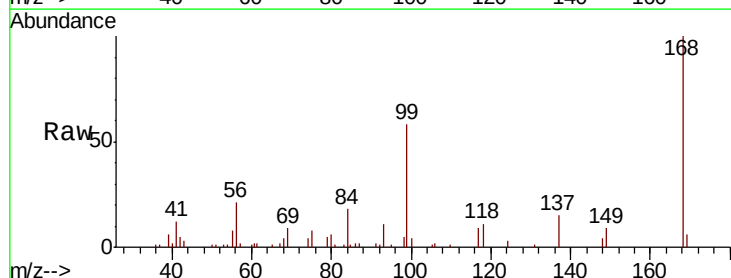
Tgt Ion: 56 Resp: 3912

Ion Ratio Lower Upper

56 100

69 37.4 29.7 44.5

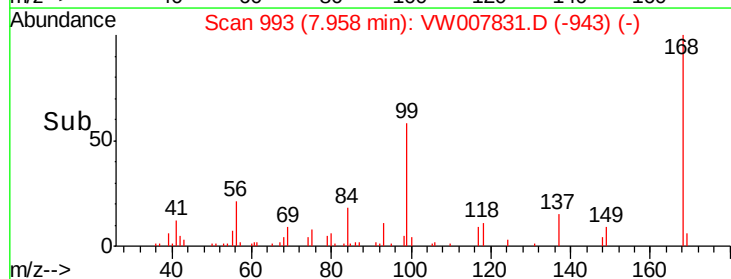
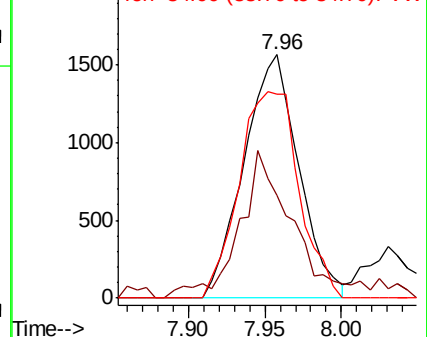
84 84.0 78.9 118.3

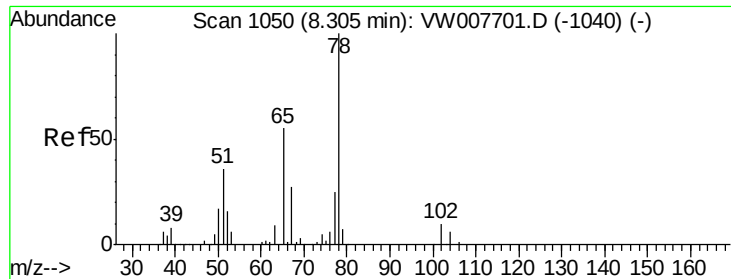


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

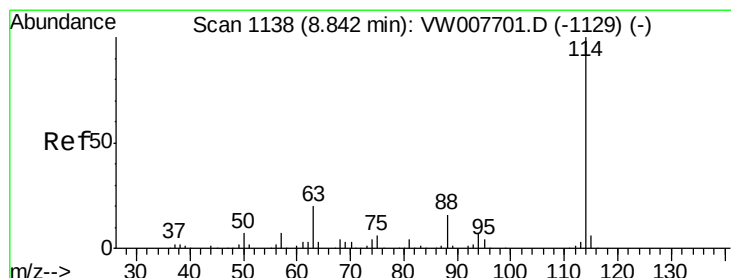
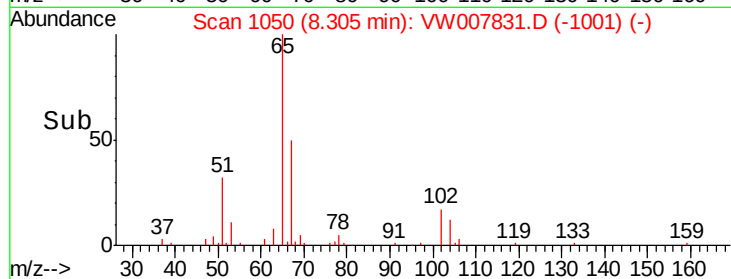
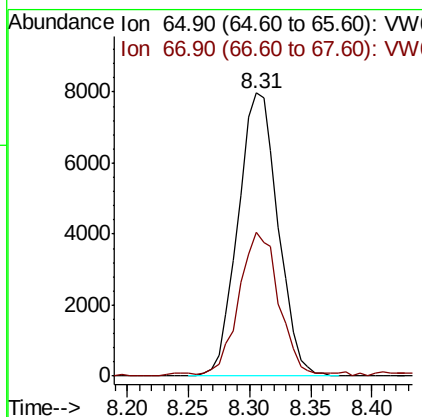
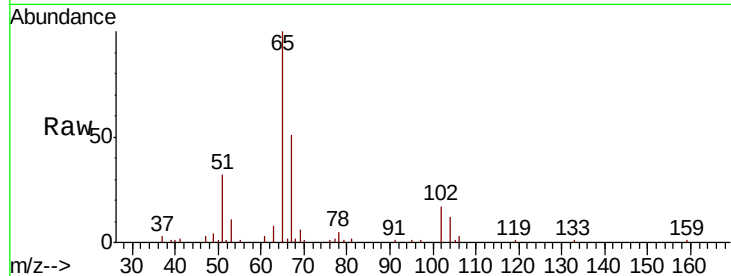




#33
 1,2-Dichloroethane-d4
 Concen: 88.169 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

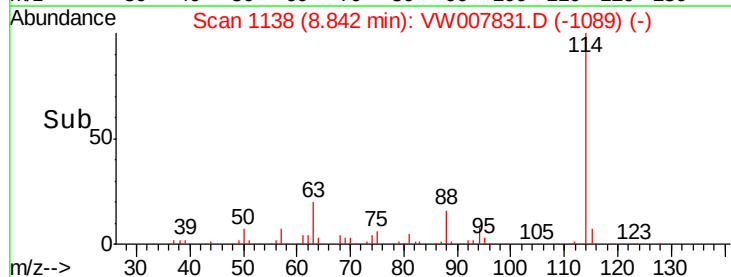
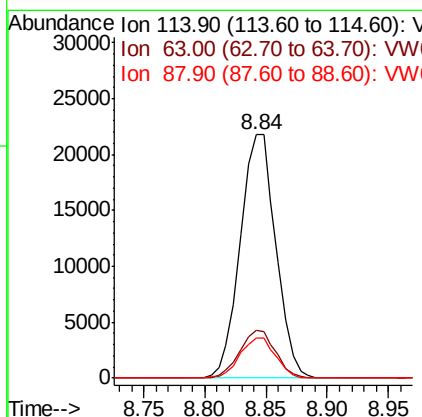
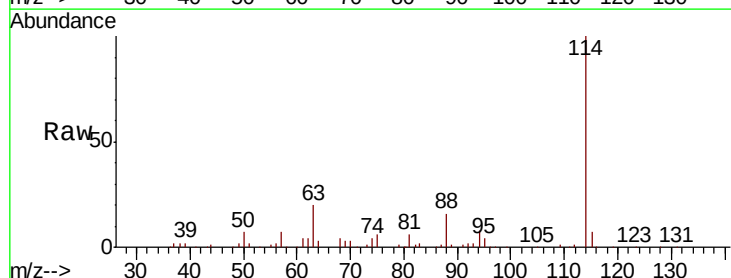
Instrument :
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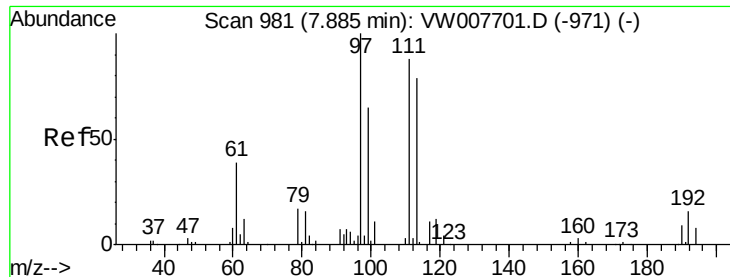
Tgt Ion: 65 Resp: 18078
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion: 114 Resp: 44166
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.3 0.0 32.6

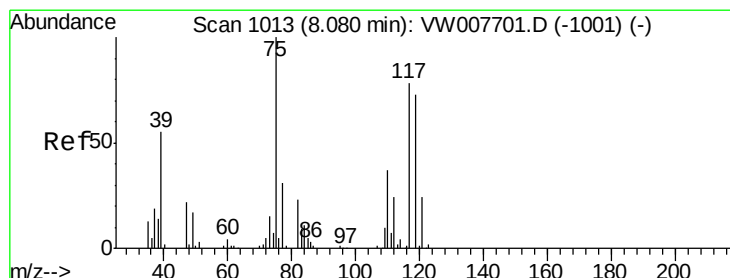
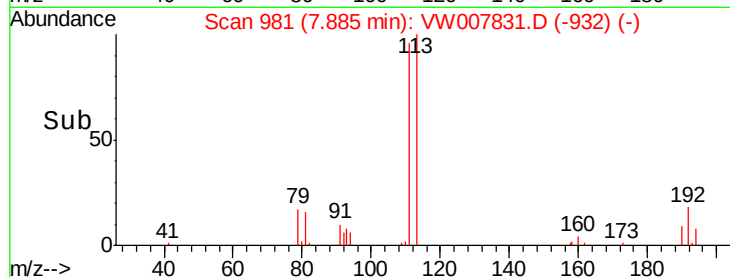
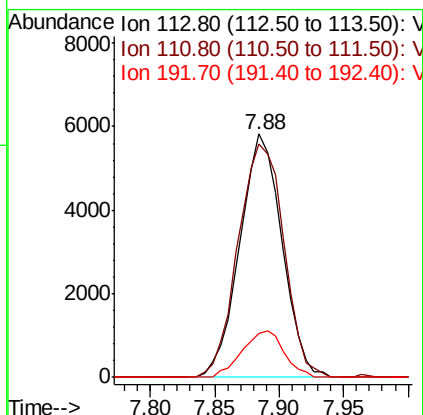
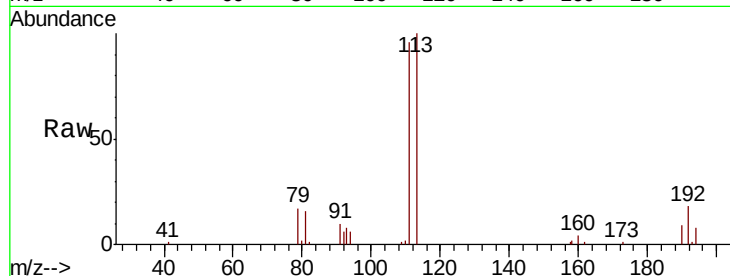




#35
 Dibromofluoromethane
 Concen: 49.069 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

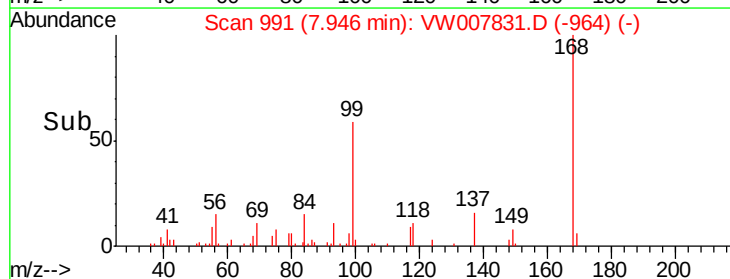
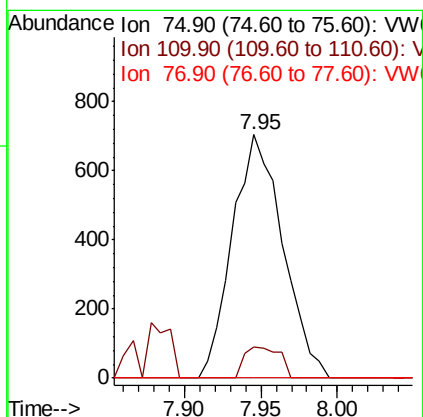
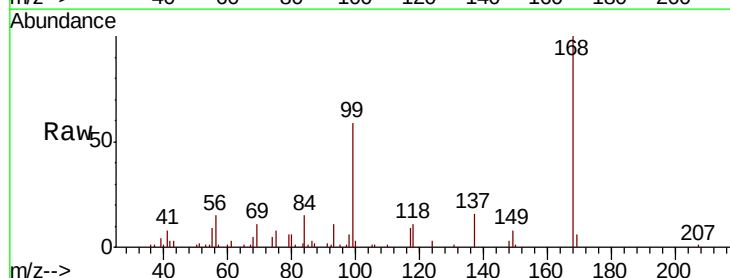
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

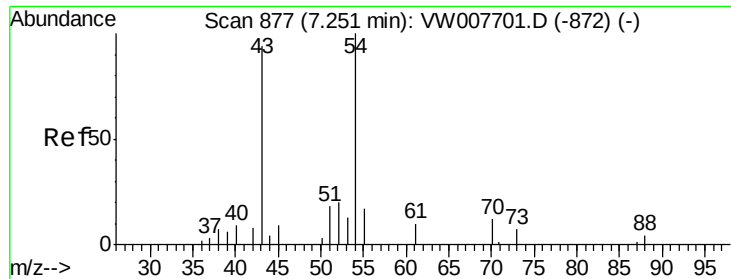
Tgt Ion: 113 Resp: 13221
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 124.0
 192 18.9 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 3.786 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion: 75 Resp: 1614
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.6 55.8#
 77 0.0 25.0 37.4#

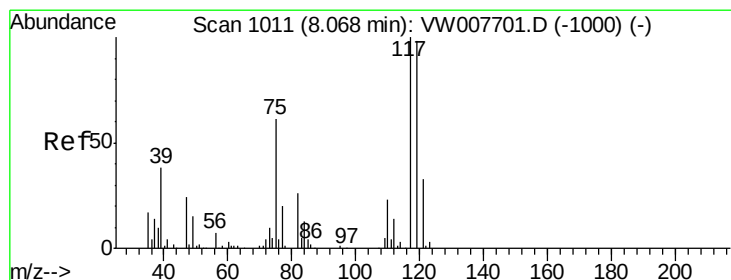
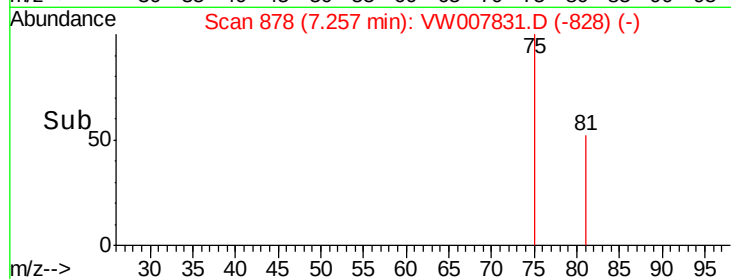
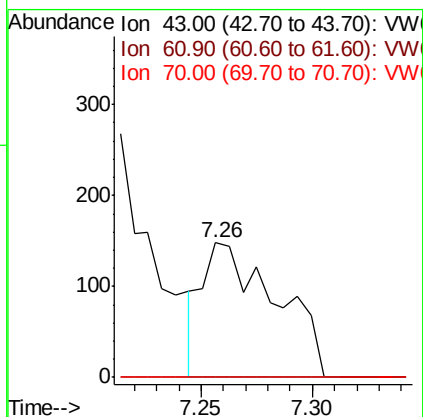
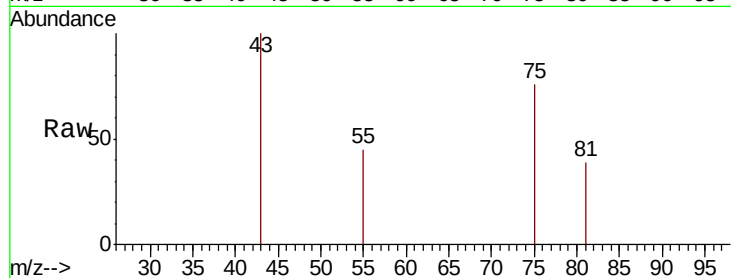




#37
Ethyl Acetate
Concen: 2.284 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

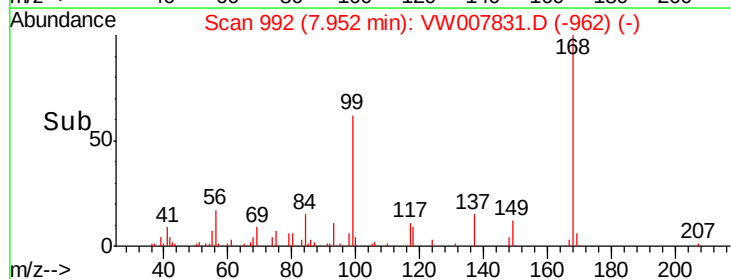
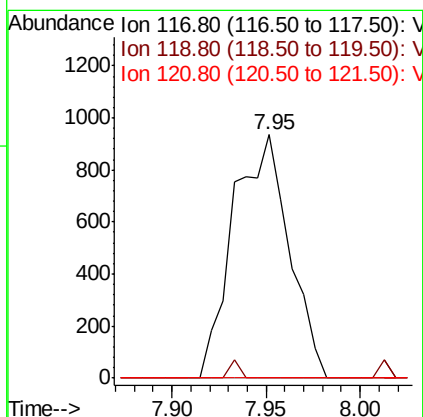
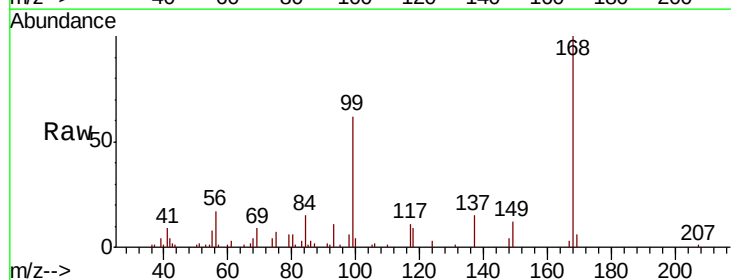
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

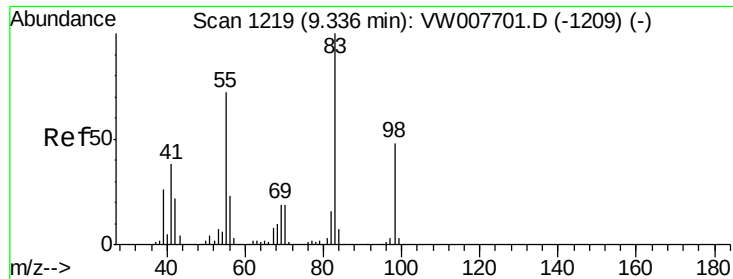
Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 3.822 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 117 Resp: 1919
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 26.1 39.1#

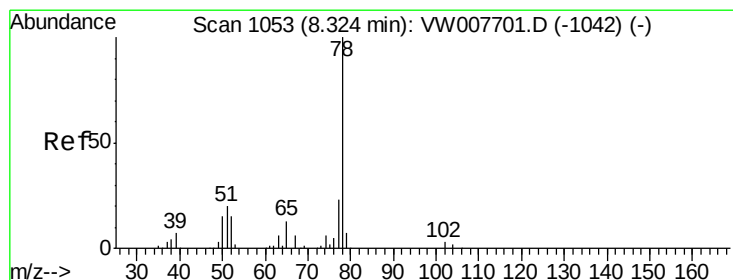
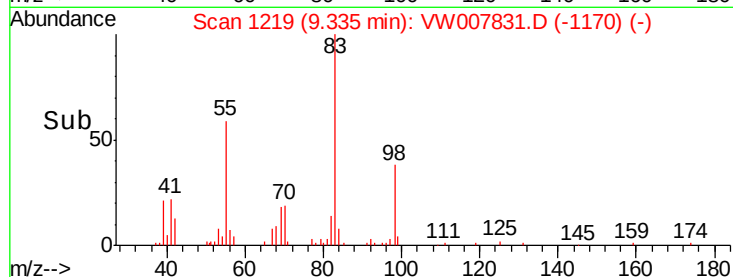
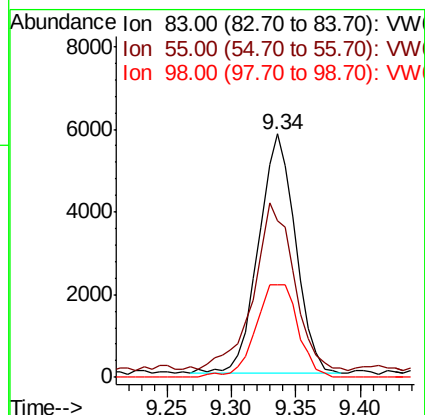
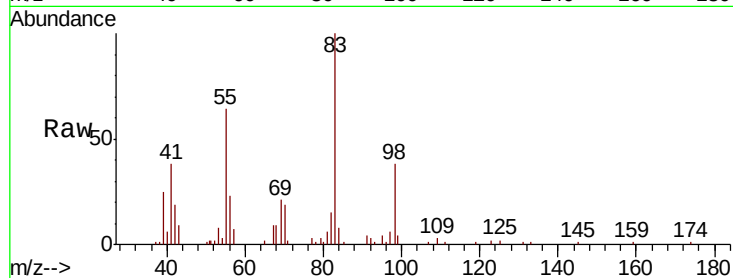




#39
Methylcyclohexane
Concen: 21.784 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

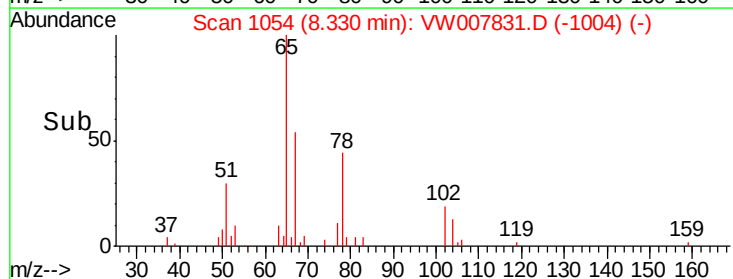
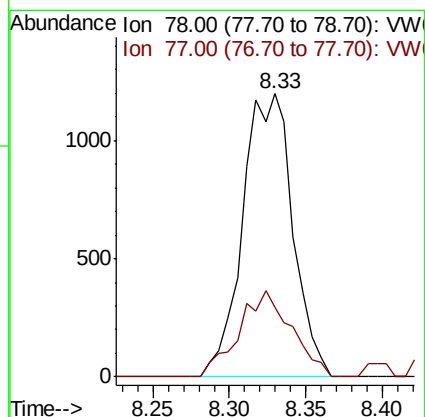
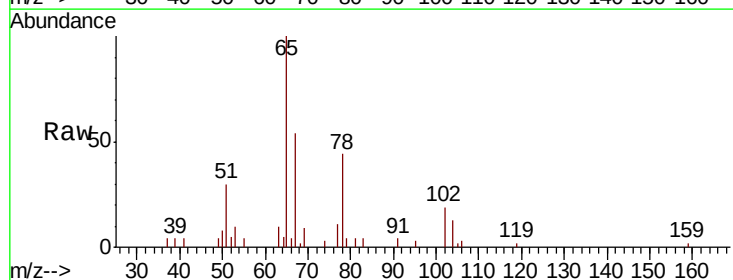
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

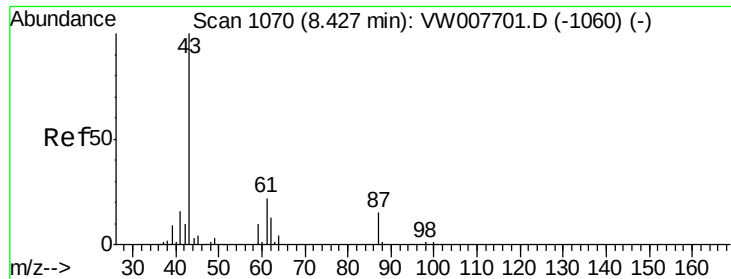
Tgt Ion: 83 Resp: 11539
Ion Ratio Lower Upper
83 100
55 61.0 57.2 85.8
98 38.5 38.6 58.0#



#40
Benzene
Concen: 2.401 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 78 Resp: 2731
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1





#43

Isopropyl Acetate

Concen: 1.998 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

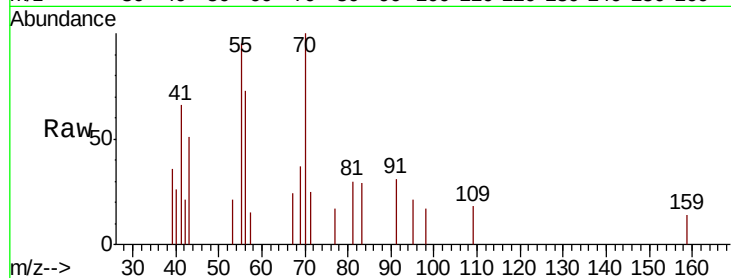
Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

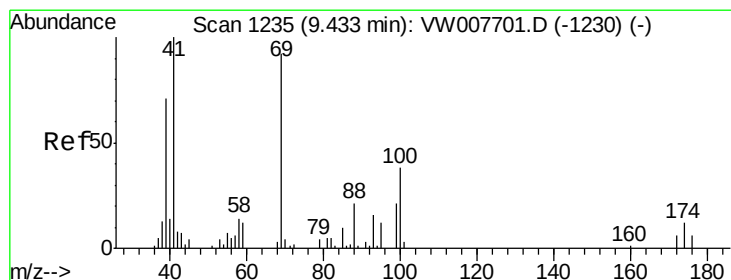
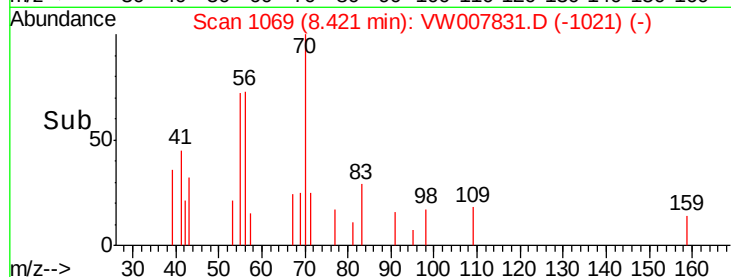
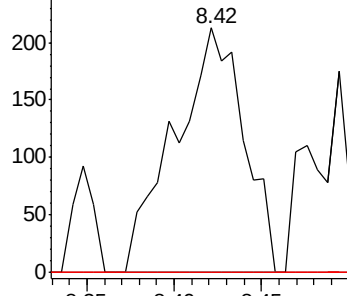
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 5.023 ug/l

RT: 9.52 min Scan# 1250

Delta R.T. 0.09 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

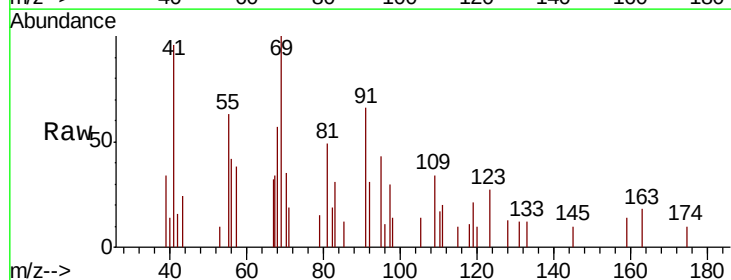
Tgt Ion: 41 Resp: 739

Ion Ratio Lower Upper

41 100

69 113.0 74.2 111.2#

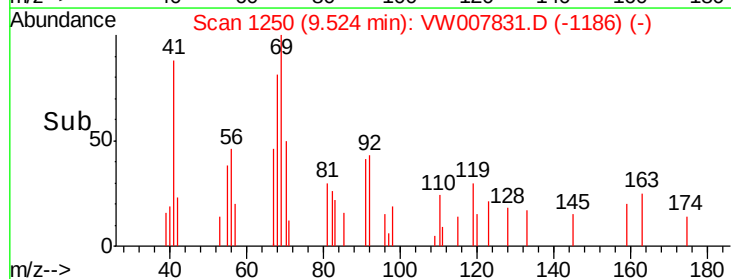
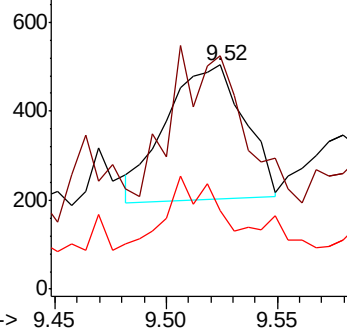
39 31.4 53.9 80.9#

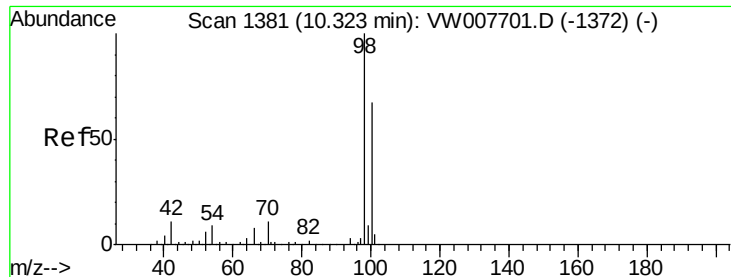


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

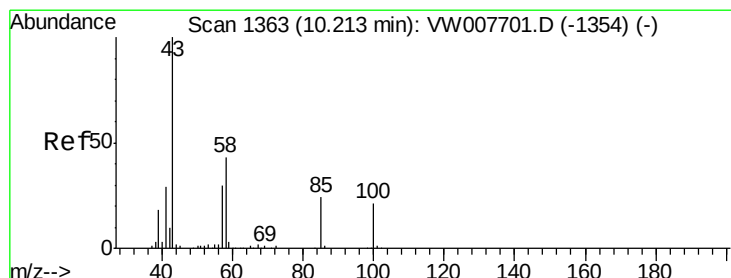
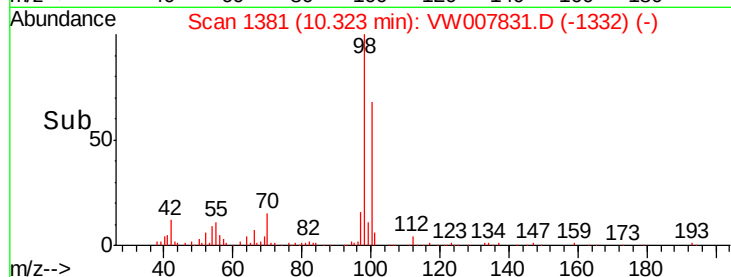
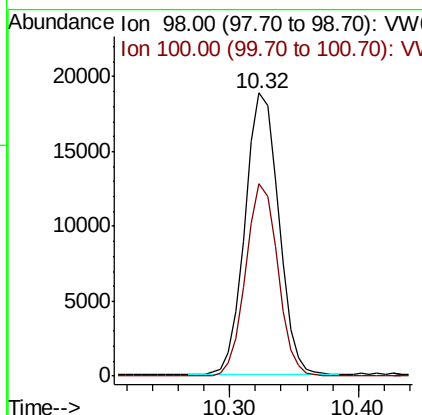
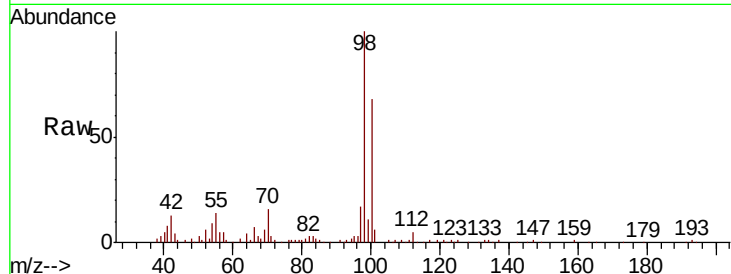




#50
Toluene-d8
Concen: 33.416 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

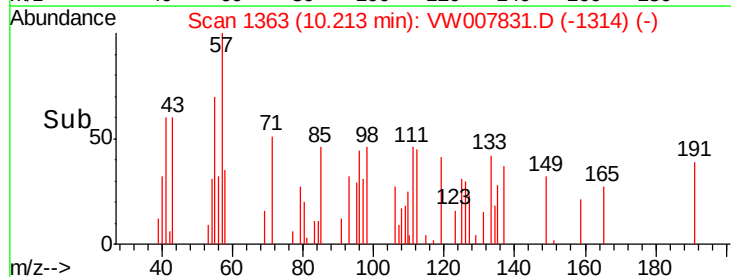
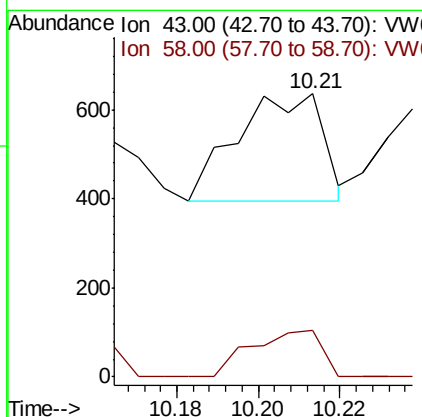
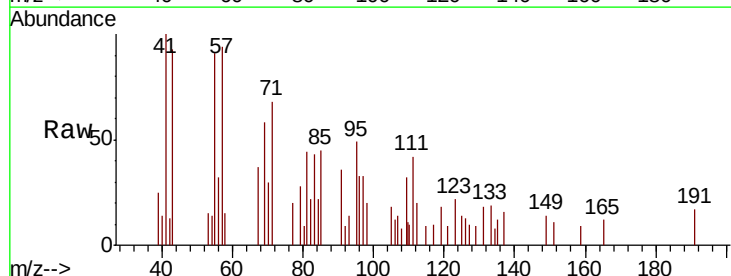
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

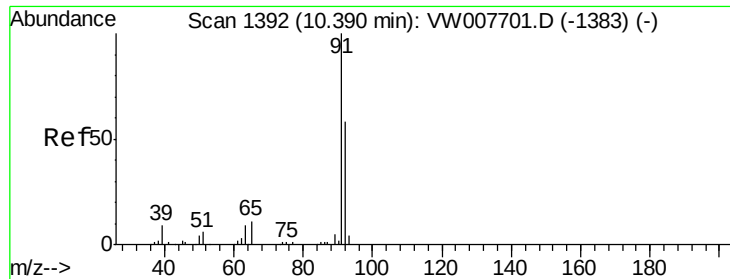
Tgt Ion: 98 Resp: 33942
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 2.541 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 35.3 33.2 49.8





#52

Toluene

Concen: 124.996 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

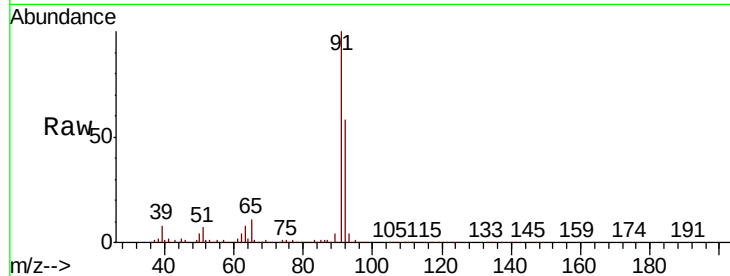
P001-SS013B-3036-01

Tgt Ion: 92 Resp: 95397

Ion Ratio Lower Upper

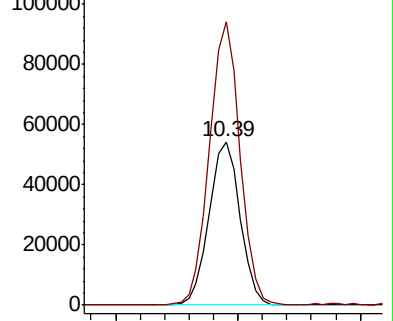
92 100

91 169.4 137.0 205.4

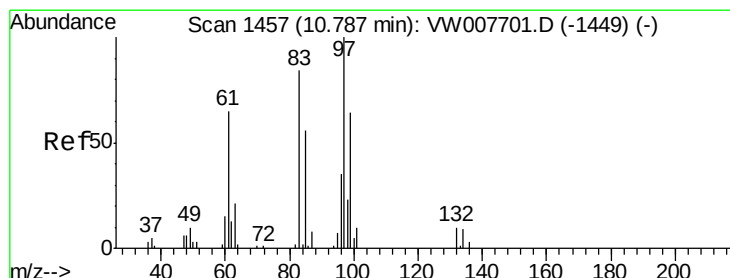
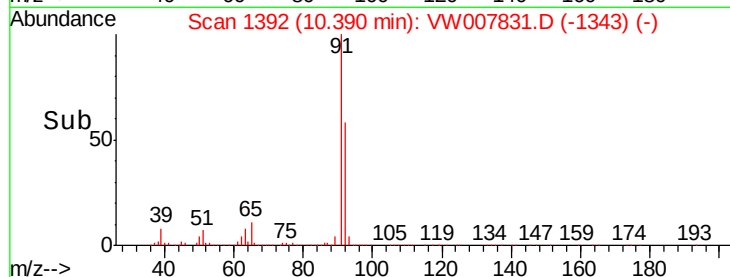


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#55

1,1,2-Trichloroethane

Concen: 10.509 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Tgt Ion: 97 Resp: 2251

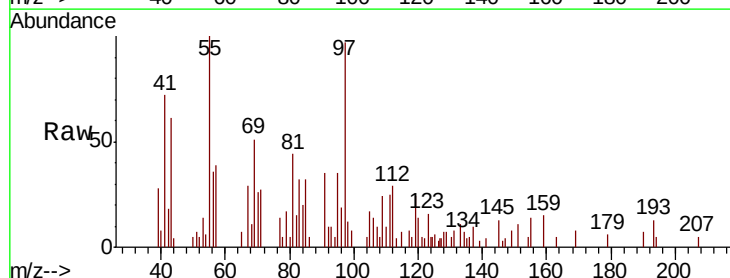
Ion Ratio Lower Upper

97 100

83 5.8 67.5 101.3#

85 9.6 44.8 67.2#

99 4.5 51.0 76.4#

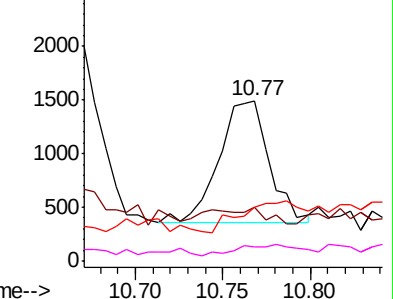


Abundance Ion 96.90 (96.60 to 97.60): VW

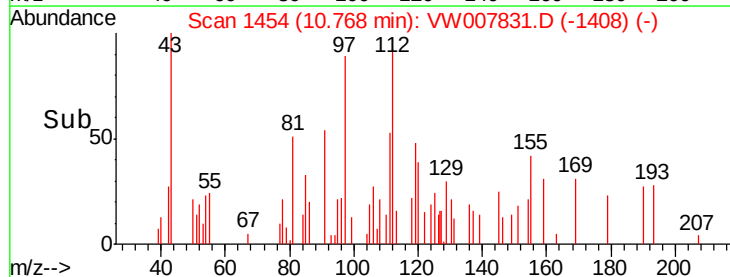
Ion 82.90 (82.60 to 83.60): VW

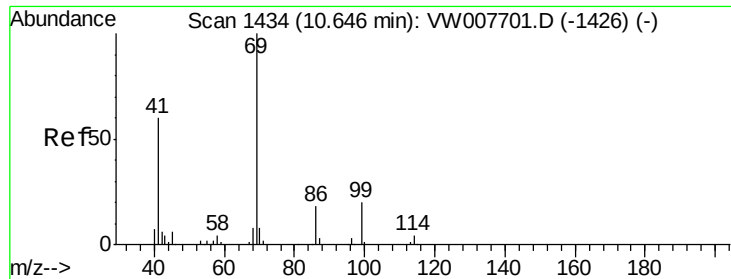
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->

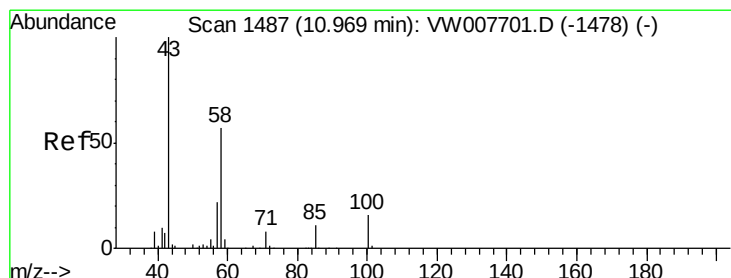
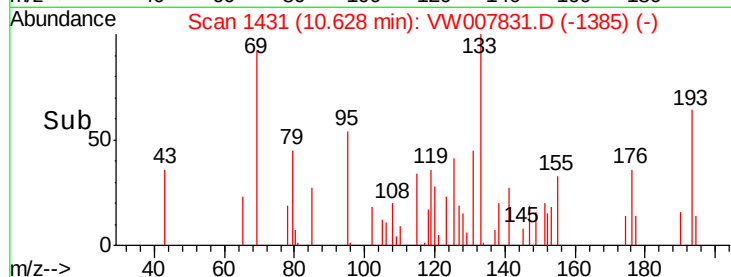
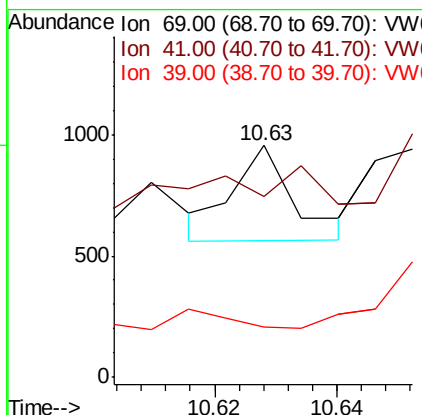
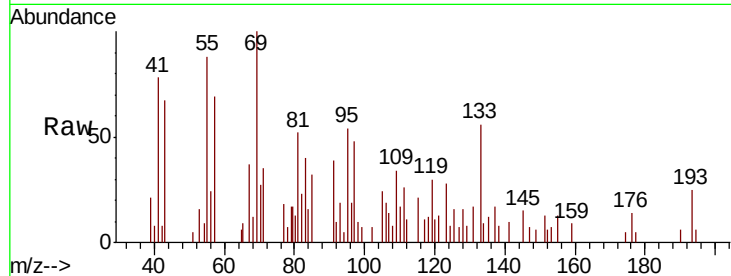




#56
Ethyl methacrylate
Concen: 1.047 ug/l
RT: 10.63 min Scan# 1431
Delta R.T. -0.02 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

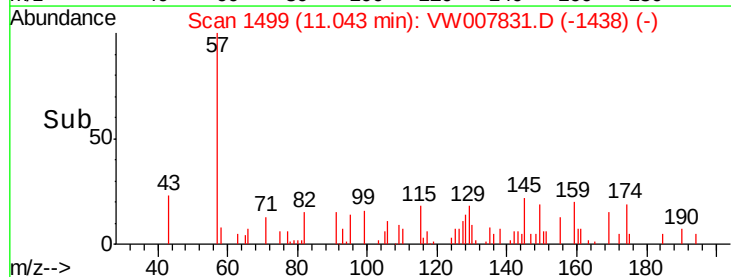
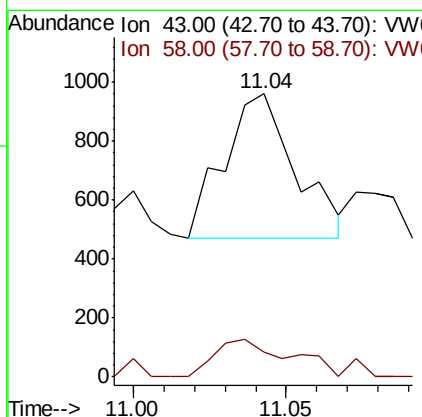
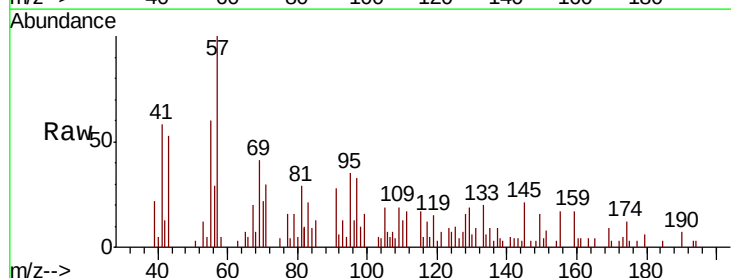
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

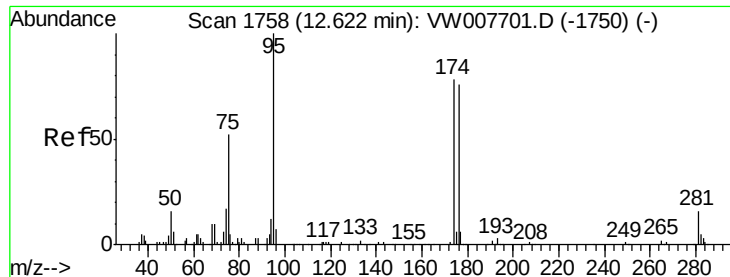
Tgt Ion: 69 Resp: 265
Ion Ratio Lower Upper
69 100
41 77.4 48.9 73.3#
39 0.0 31.3 46.9#



#59
2-Hexanone
Concen: 8.116 ug/l
RT: 11.04 min Scan# 1499
Delta R.T. 0.07 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 29.8 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 38.053 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

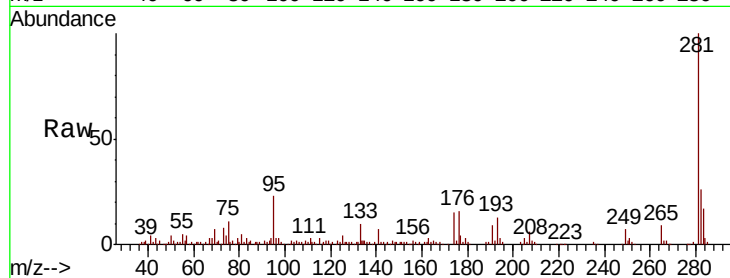
Tgt Ion: 95 Resp: 14932

Ion Ratio Lower Upper

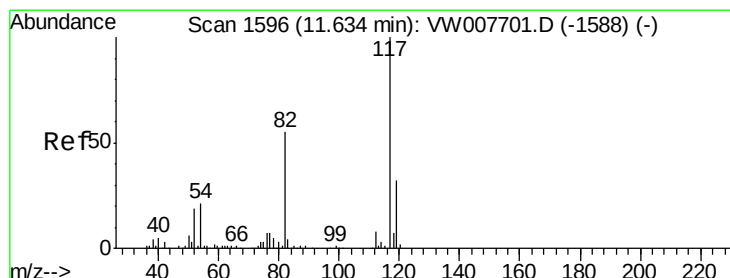
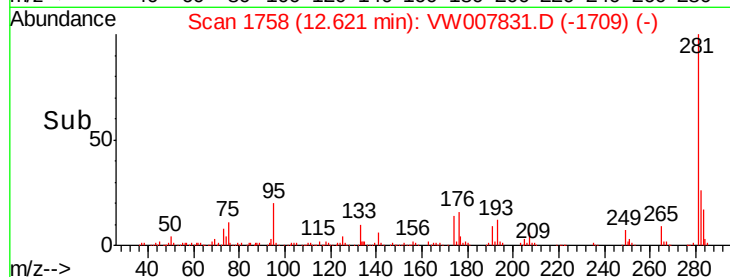
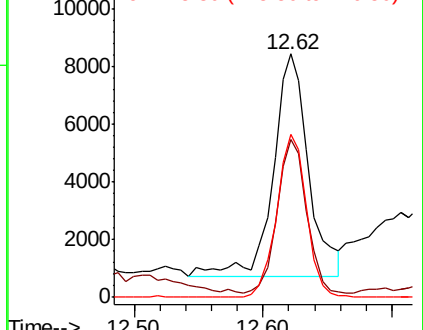
95 100

174 57.1 0.0 152.2

176 61.2 0.0 146.8



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: VW007831.D

Acq: 22 Dec 2018 09:41

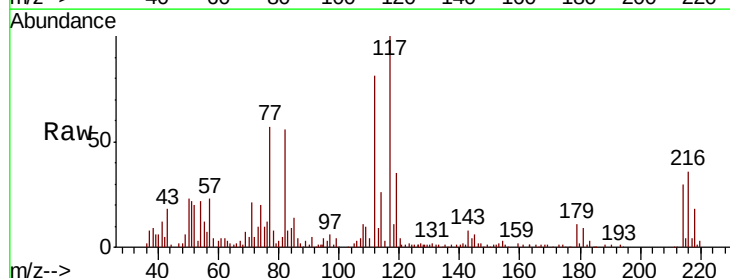
Tgt Ion: 117 Resp: 36495

Ion Ratio Lower Upper

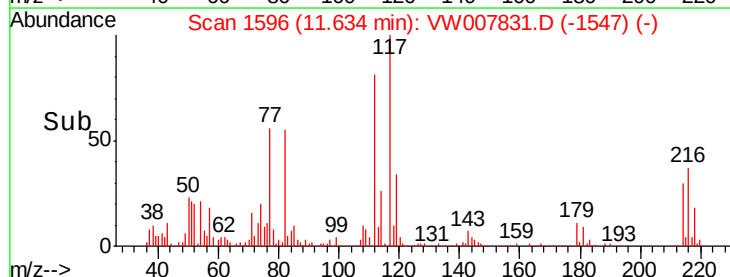
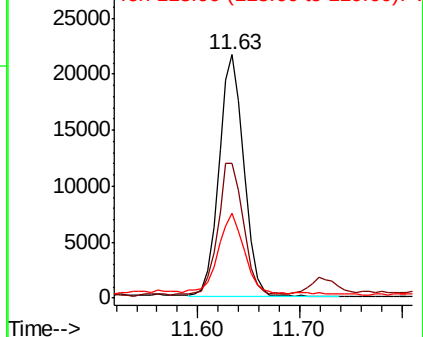
117 100

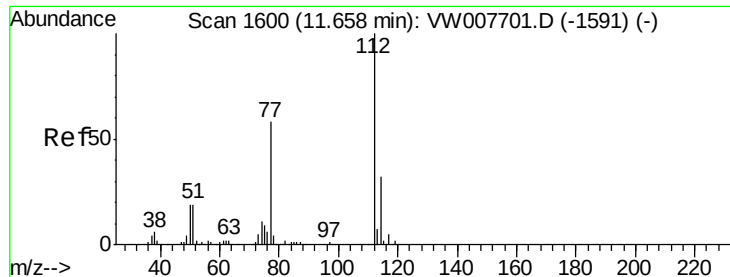
82 54.2 44.3 66.5

119 33.0 25.7 38.5



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

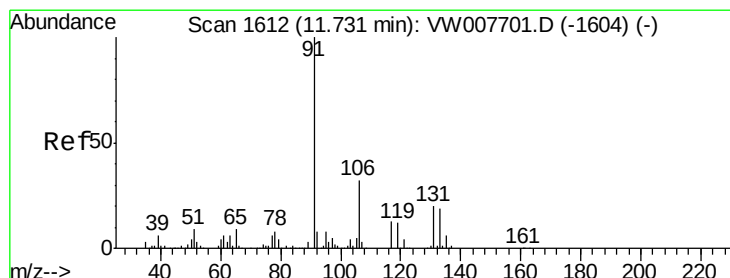
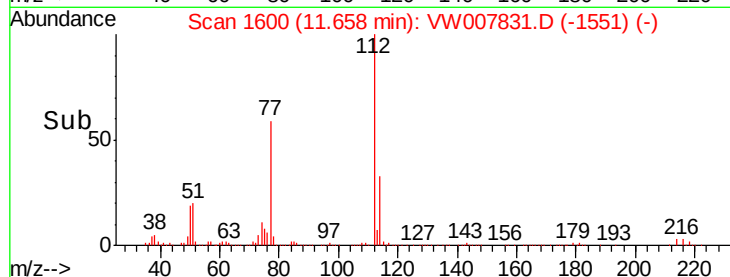
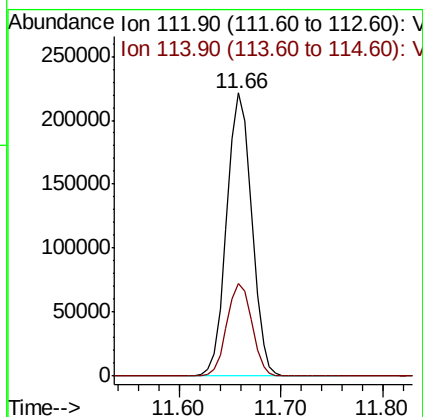
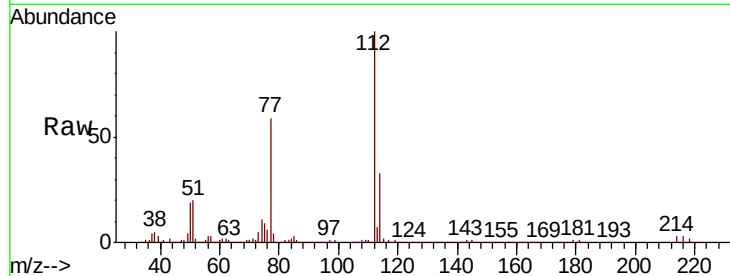




#65
Chlorobenzene
Concen: 474.530 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

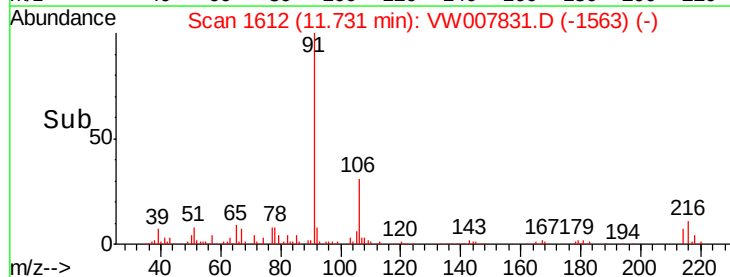
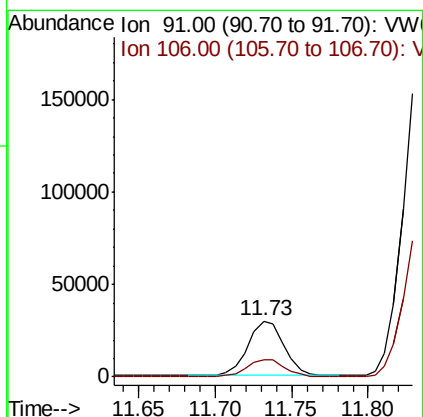
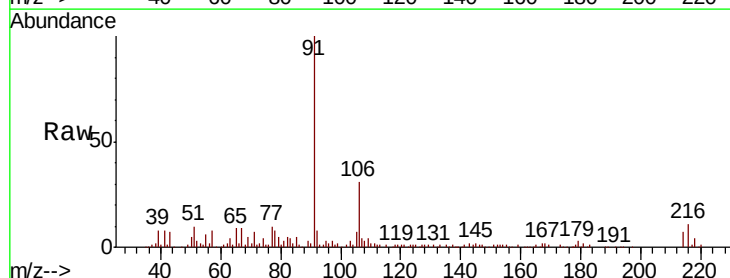
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

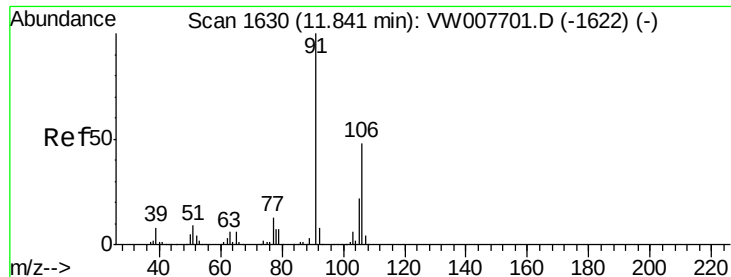
Tgt Ion: 112 Resp: 374835
Ion Ratio Lower Upper
112 100
114 32.8 25.2 37.8



#67
Ethyl Benzene
Concen: 35.762 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 91 Resp: 48475
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8

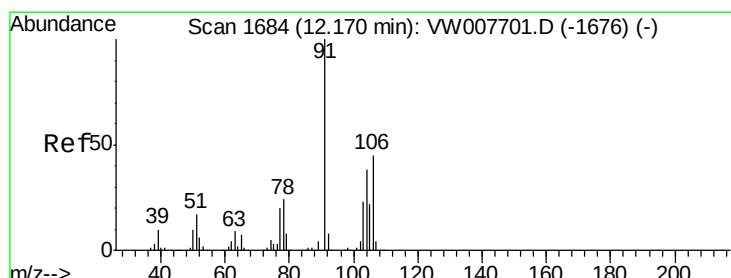
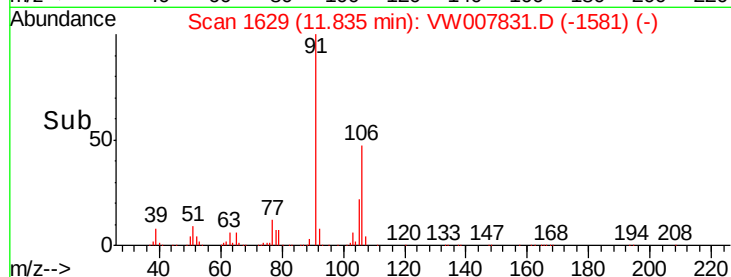
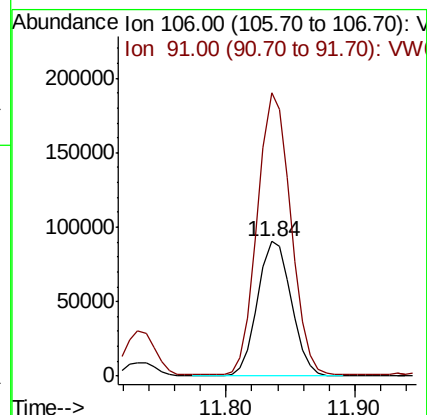
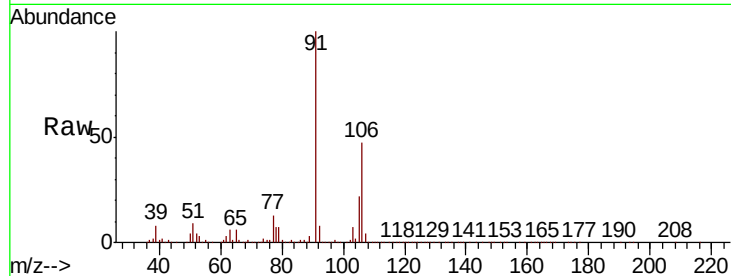




#68
m/p-Xylenes
Concen: 311.400 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

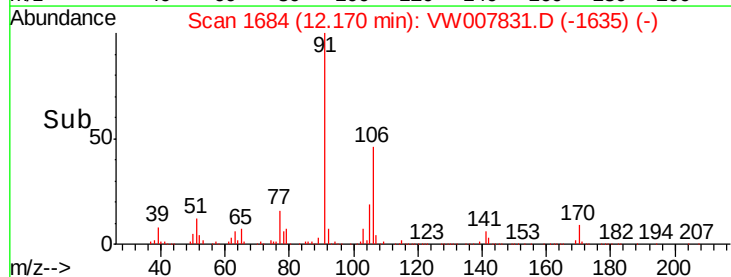
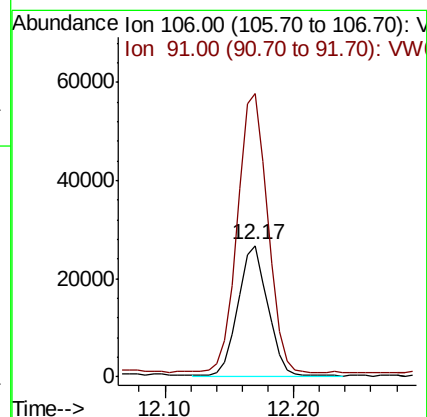
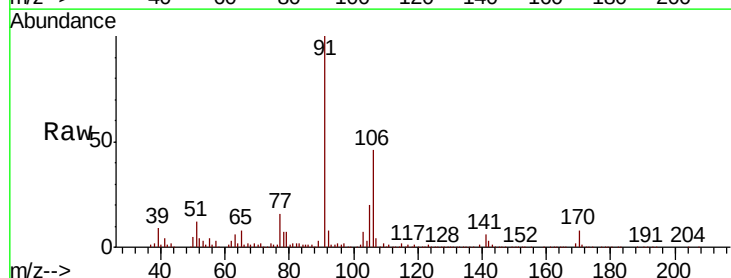
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

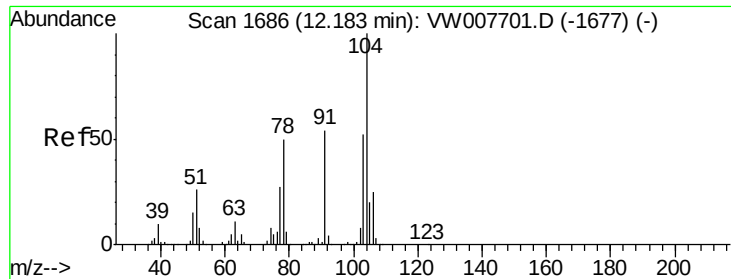
Tgt Ion:106 Resp: 163737
Ion Ratio Lower Upper
106 100
91 207.2 165.2 247.8



#69
o-Xylene
Concen: 86.384 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion:106 Resp: 42577
Ion Ratio Lower Upper
106 100
91 218.3 110.5 331.4





#70

Styrene

Concen: 3.499 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

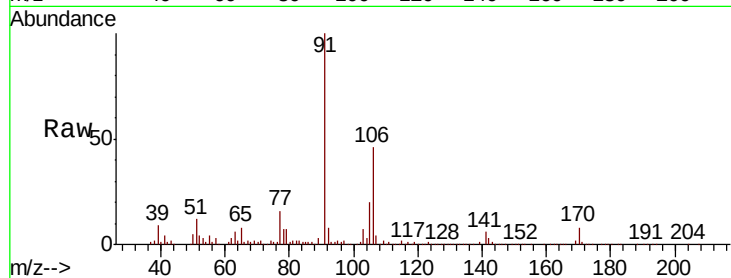
Tgt Ion:104 Resp: 2835

Ion Ratio Lower Upper

104 100

78 253.6 43.4 65.0#

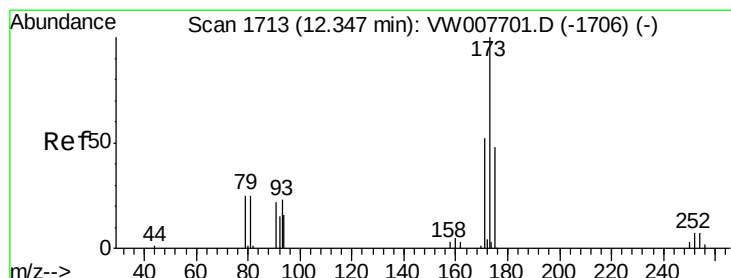
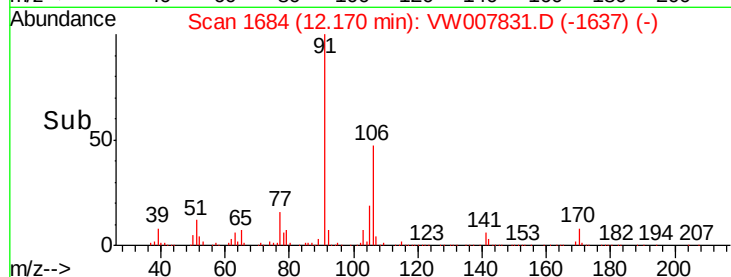
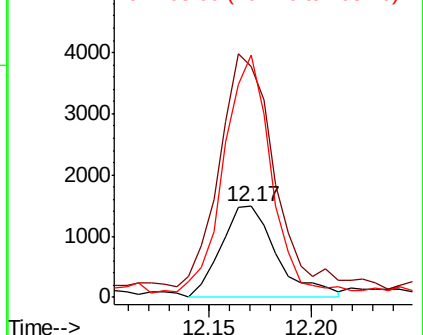
103 213.0 44.5 66.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 1.618 ug/l

RT: 12.33 min Scan# 1710

Delta R.T. -0.02 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

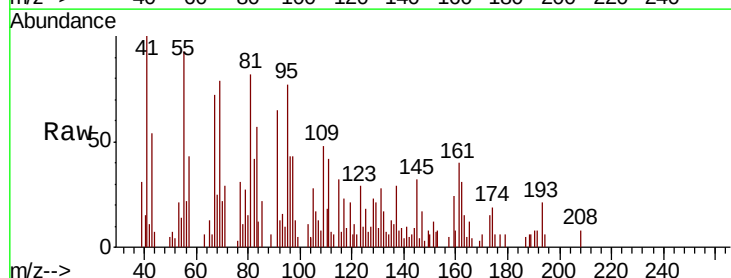
Tgt Ion:173 Resp: 237

Ion Ratio Lower Upper

173 100

175 78.1 23.9 71.7#

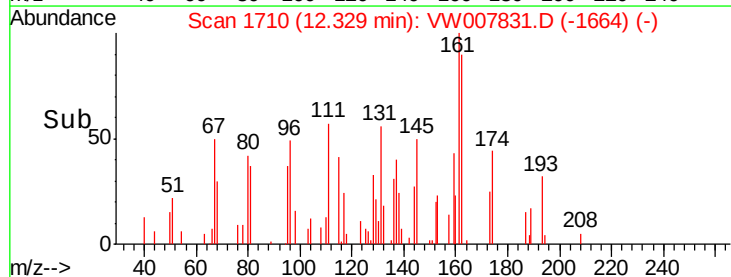
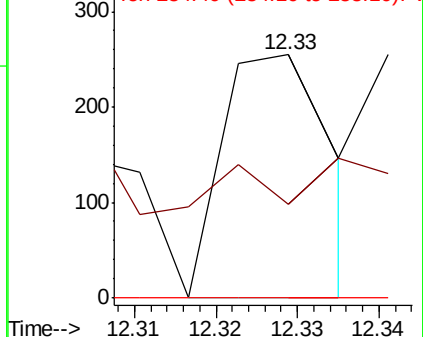
254 0.0 0.0 0.0

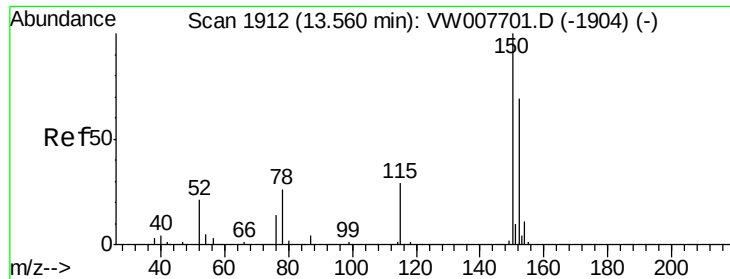


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



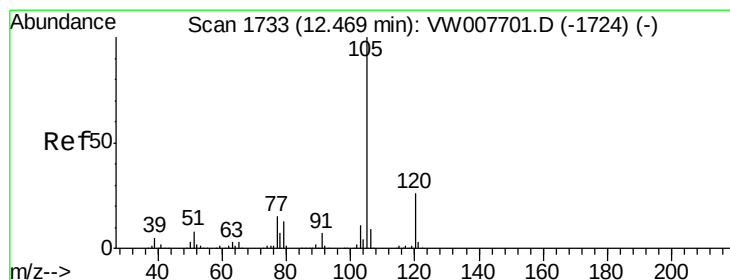
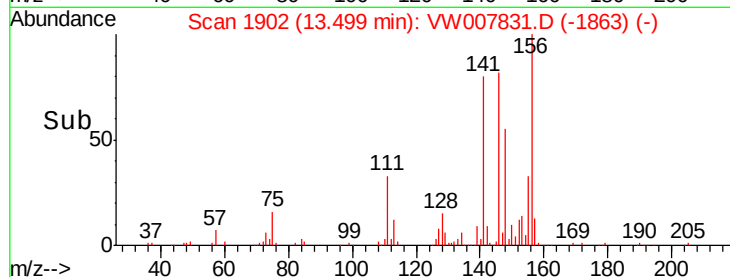
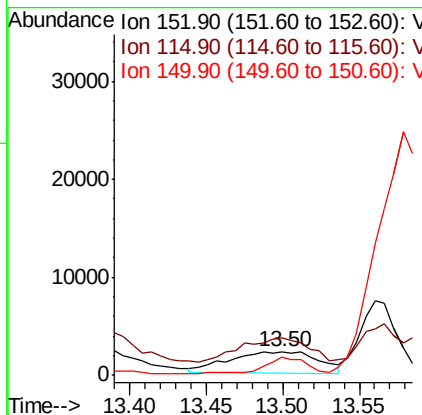
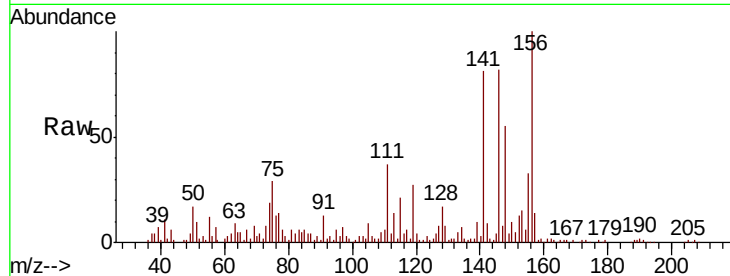


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.06 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

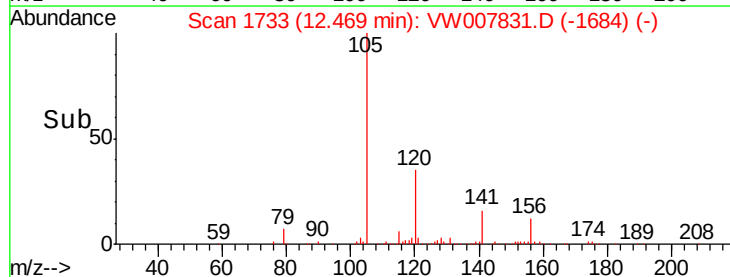
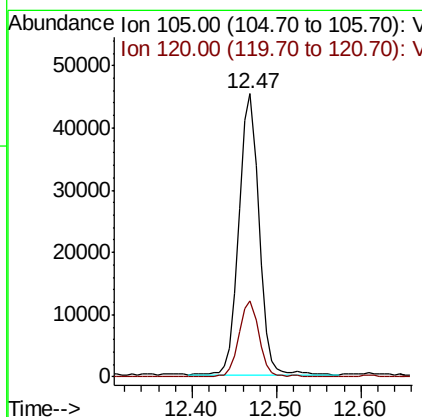
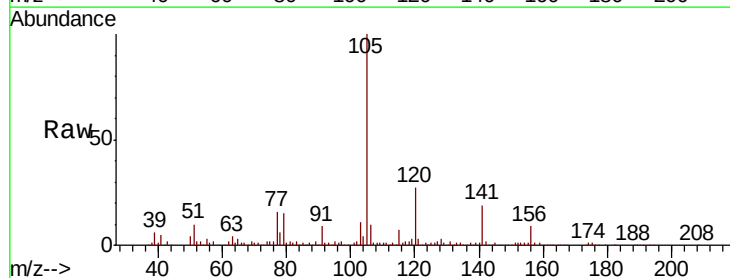
Tgt Ion:152 Resp: 8799
Ion Ratio Lower Upper
152 100
115 85.9 31.8 95.4
150 39.6 0.0 350.8

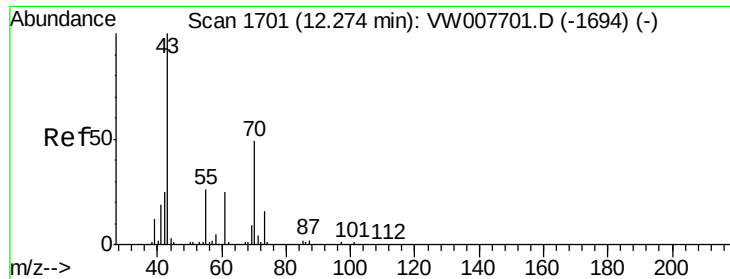


#73

Isopropylbenzene
Concen: 108.849 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion:105 Resp: 72396
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

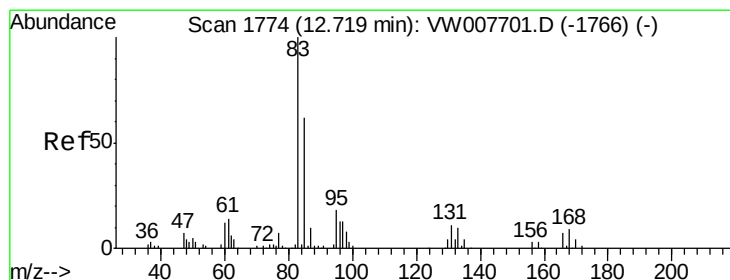
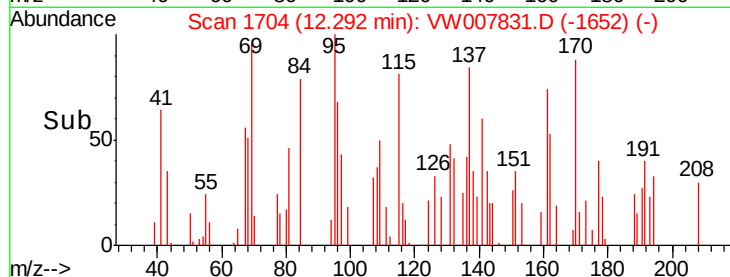
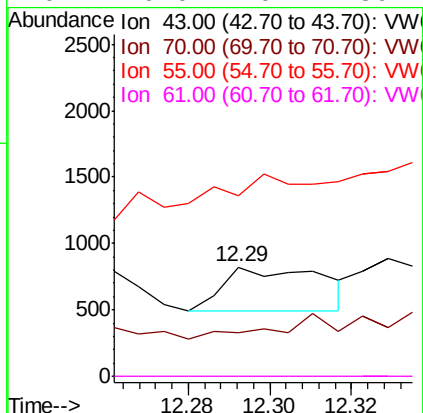
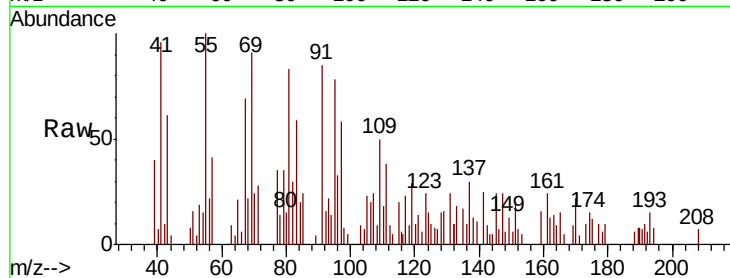




#74
N-amyI acetate
Concen: 4.843 ug/l
RT: 12.29 min Scan# 1704
Delta R.T. 0.02 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

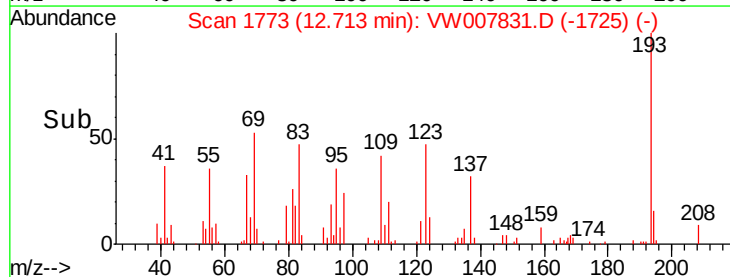
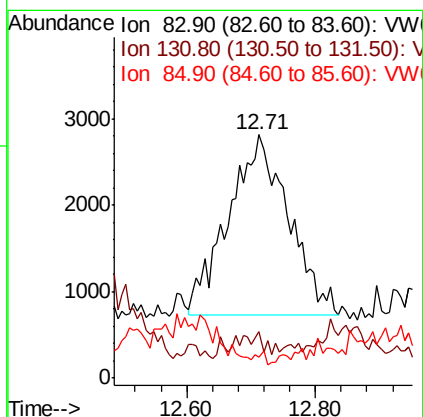
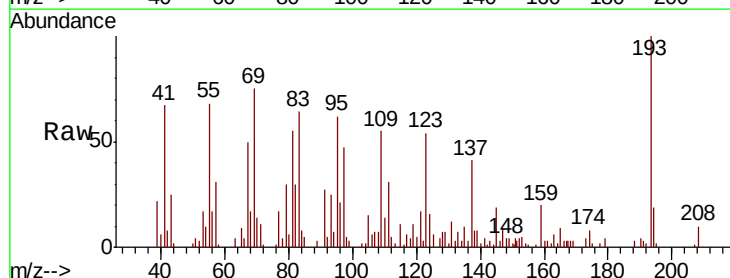
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013B-3036-01

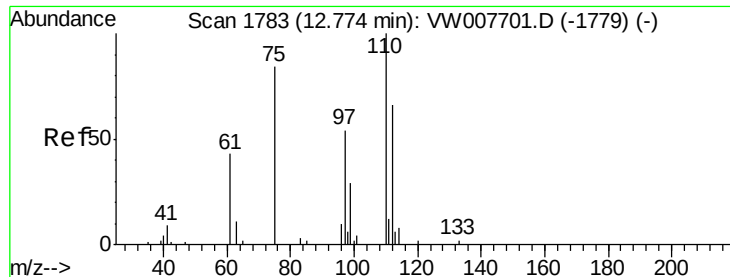
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 114.7 21.7 32.5#
61 0.0 20.1 30.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 135.557 ug/l
RT: 12.71 min Scan# 1773
Delta R.T. -0.01 min
Lab File: VW007831.D
Acq: 22 Dec 2018 09:41

Tgt Ion: 83 Resp: 13518
Ion Ratio Lower Upper
83 100
131 0.0 6.3 18.8#
85 0.7 32.3 96.8#

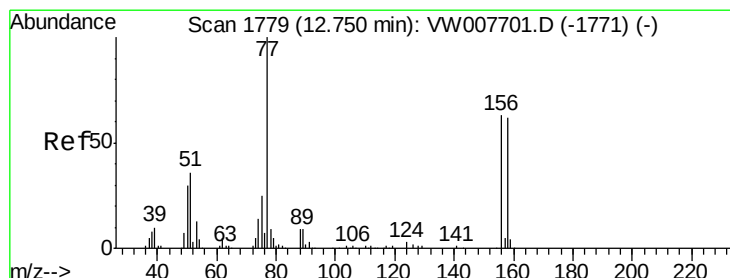
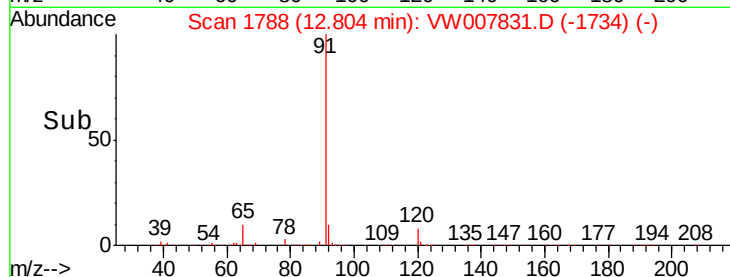
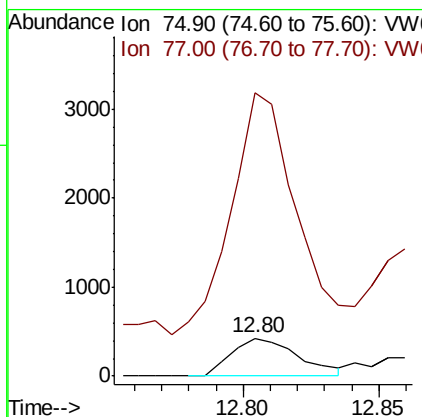
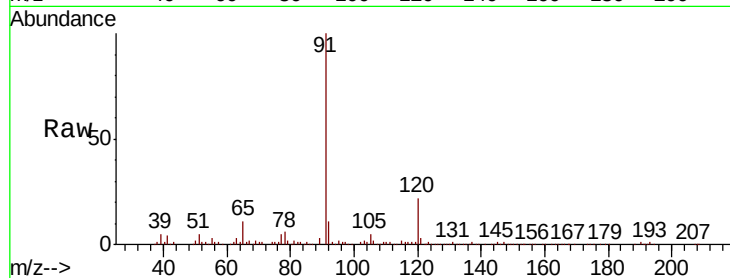




#76
 1,2,3-Trichloropropane
 Concen: 10.705 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.03 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

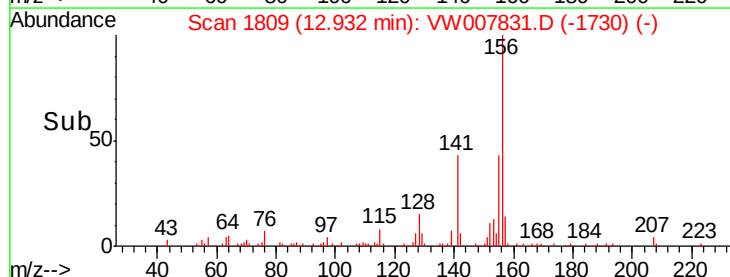
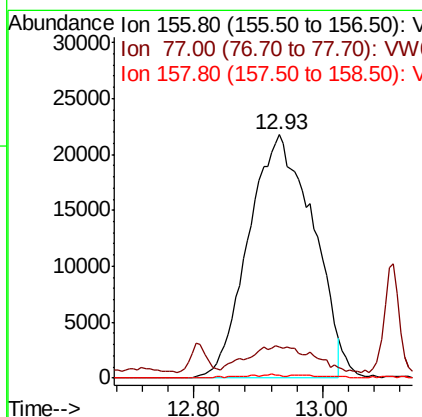
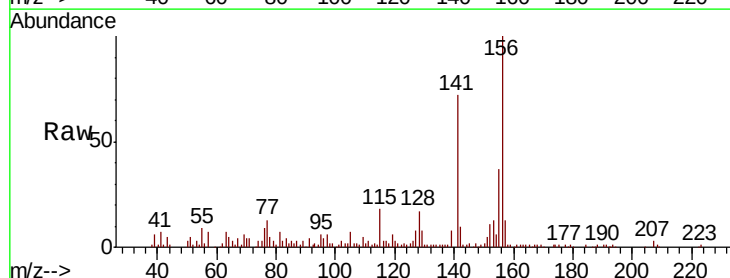
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

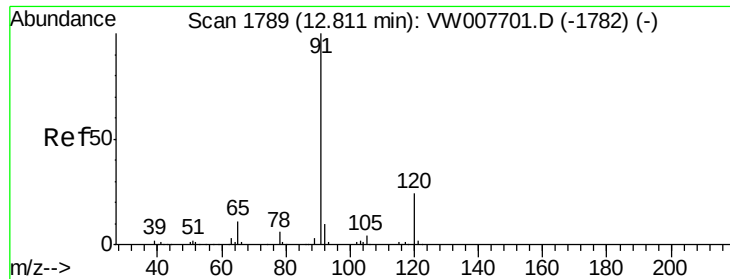
Tgt Ion: 75 Resp: 728
 Ion Ratio Lower Upper
 75 100
 77 622.9 0.0 0.0#



#77
 Bromobenzene
 Concen: 979.887 ug/l
 RT: 12.93 min Scan# 1809
 Delta R.T. 0.18 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion: 156 Resp: 149360
 Ion Ratio Lower Upper
 156 100
 77 0.0 87.4 262.1#
 158 0.3 48.4 145.0#





#78

n-propylbenzene

Concen: 130.229 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

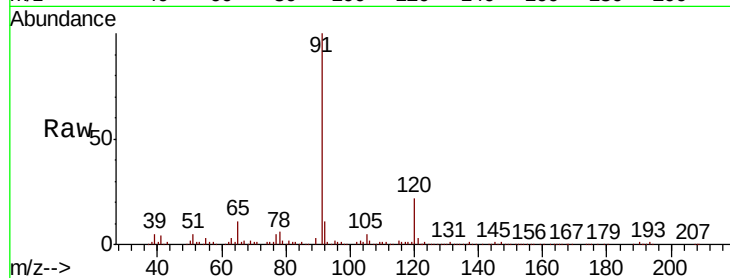
P001-SS013B-3036-01

Tgt Ion: 91 Resp: 100827

Ion Ratio Lower Upper

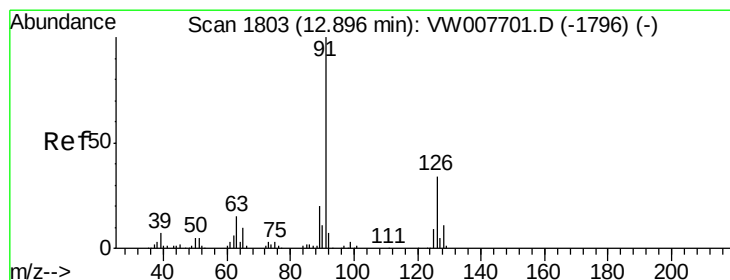
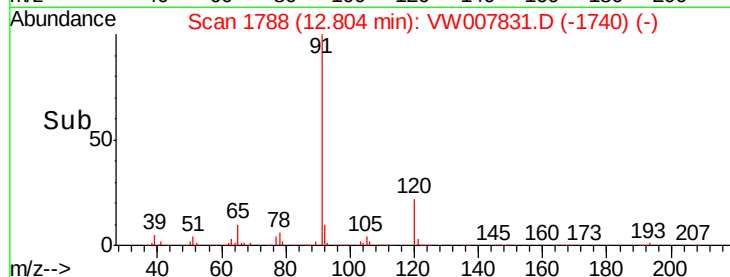
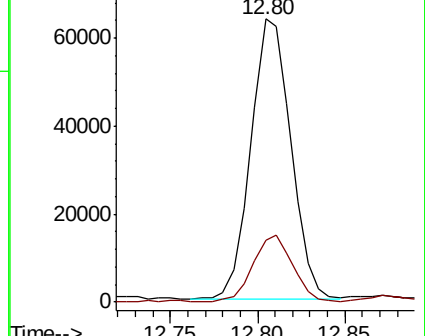
91 100

120 22.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 223.551 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW007831.D

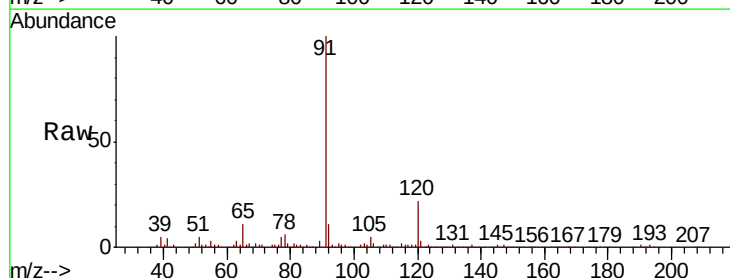
Acq: 22 Dec 2018 09:41

Tgt Ion: 91 Resp: 100827

Ion Ratio Lower Upper

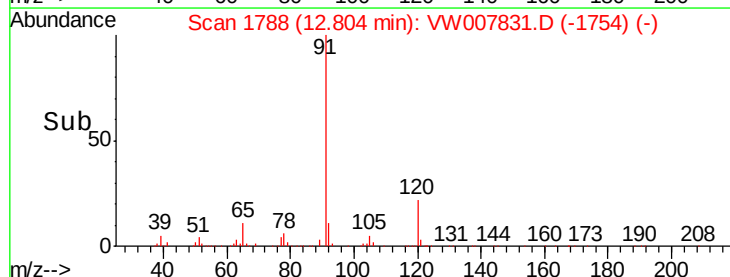
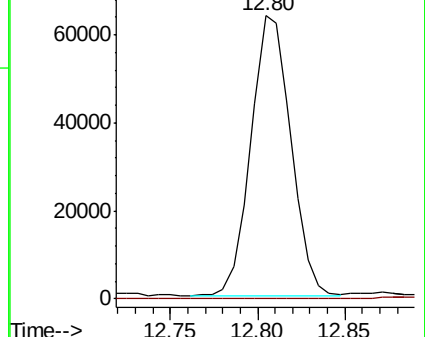
91 100

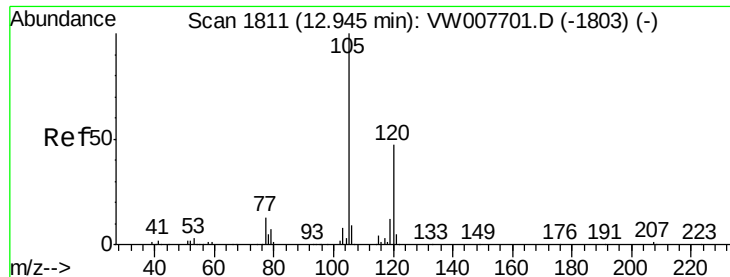
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 233.294 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

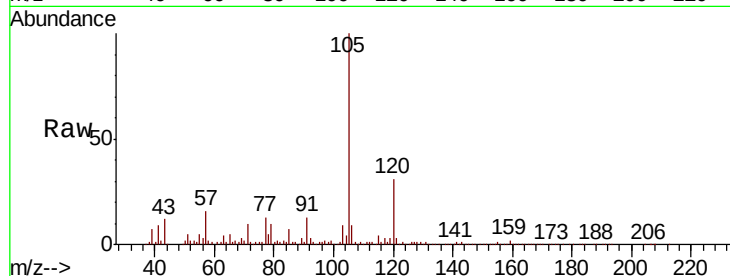
P001-SS013B-3036-01

Tgt Ion:105 Resp: 133841

Ion Ratio Lower Upper

105 100

120 29.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

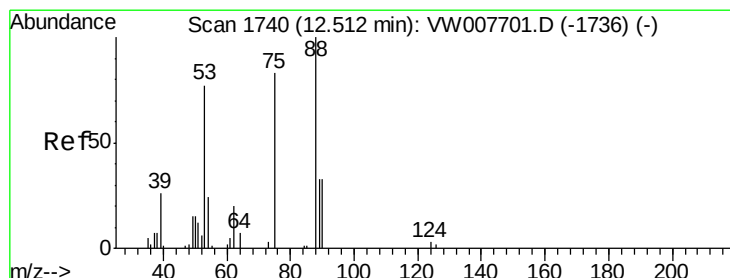
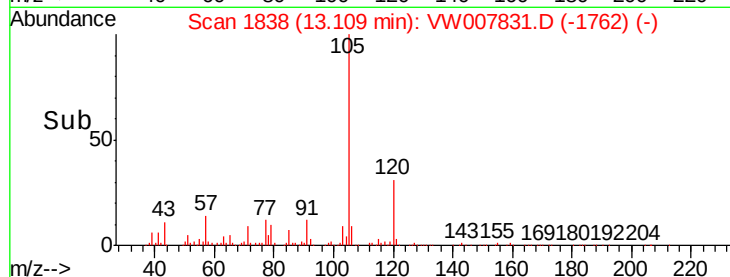
100000

0

13.11

13.00 13.10 13.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 86.793 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.04 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

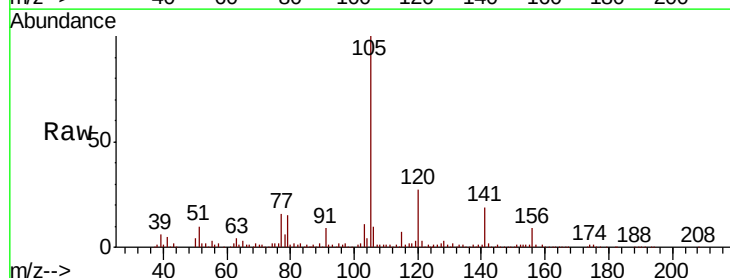
Tgt Ion: 75 Resp: 2812

Ion Ratio Lower Upper

75 100

53 36.1 80.2 120.2#

89 93.7 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

1000

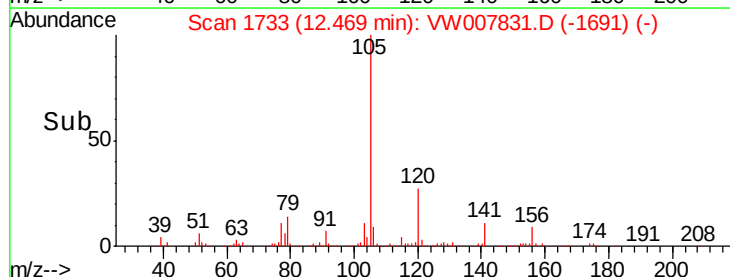
500

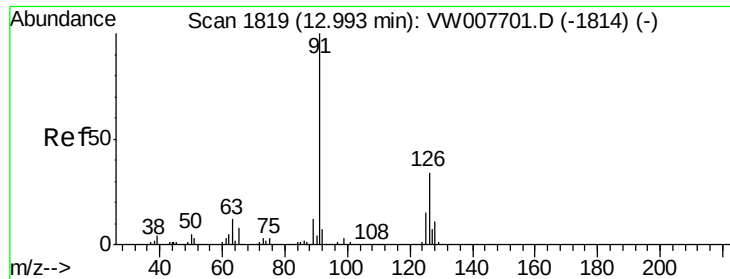
0

12.47

12.40 12.50

Time-->





#82

4-Chlorotoluene

Concen: 33.115 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.12 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

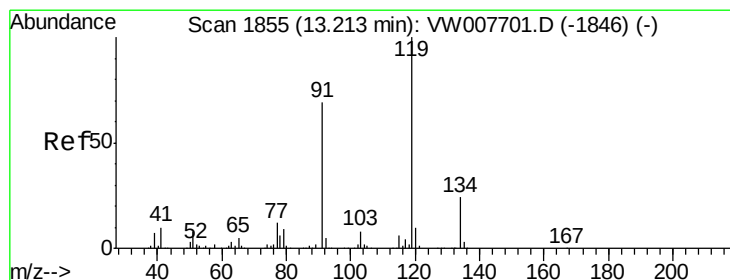
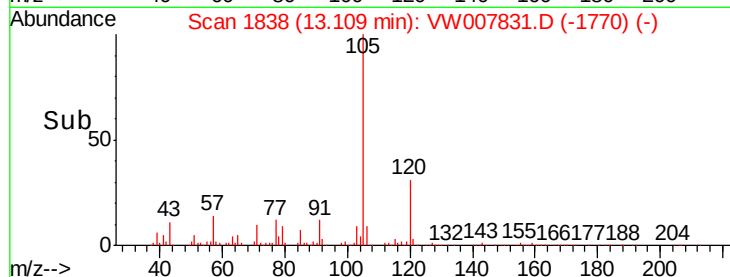
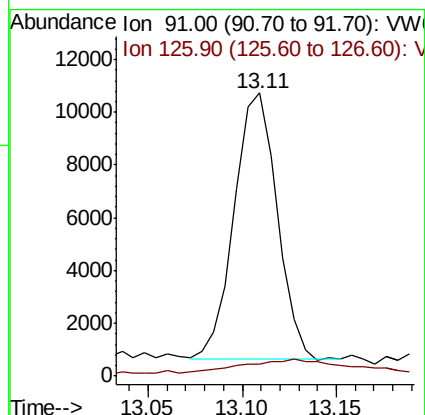
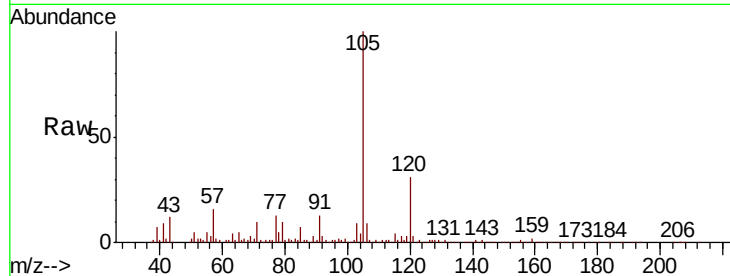
P001-SS013B-3036-01

Tgt Ion: 91 Resp: 15903

Ion Ratio Lower Upper

91 100

126 20.0 16.5 49.5



#83

tert-Butylbenzene

Concen: 6.431 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

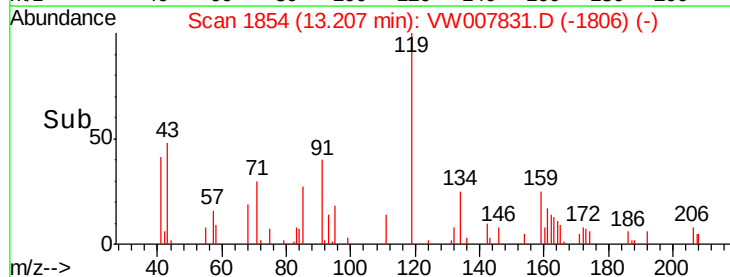
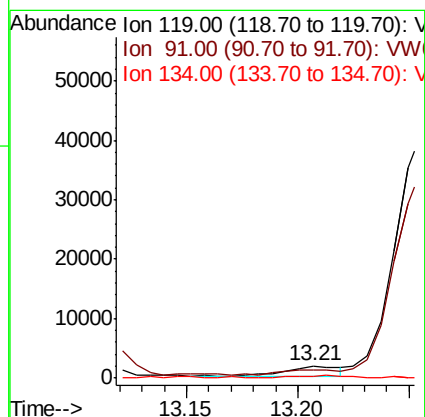
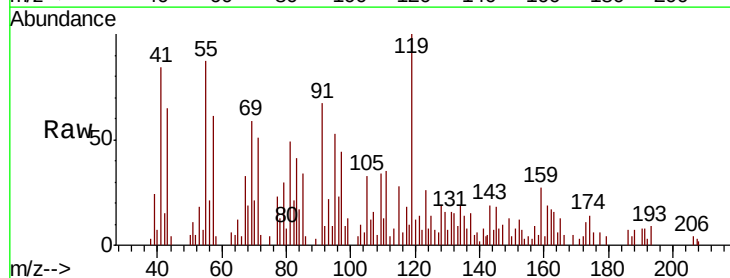
Tgt Ion: 119 Resp: 3237

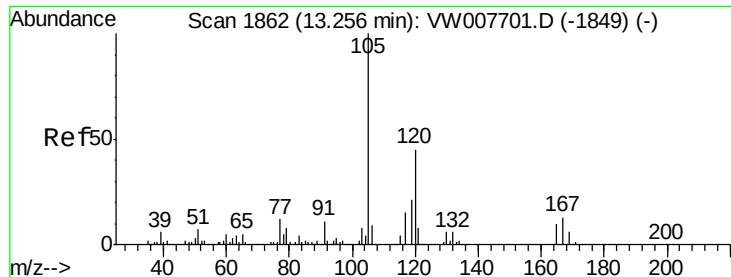
Ion Ratio Lower Upper

119 100

91 52.7 34.2 102.5

134 13.6 12.8 38.4

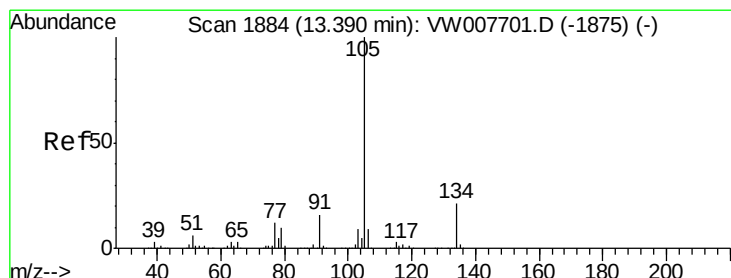
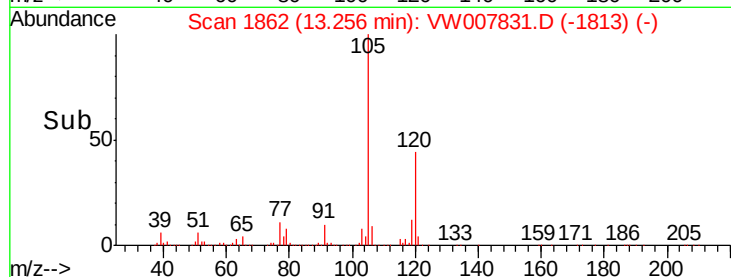
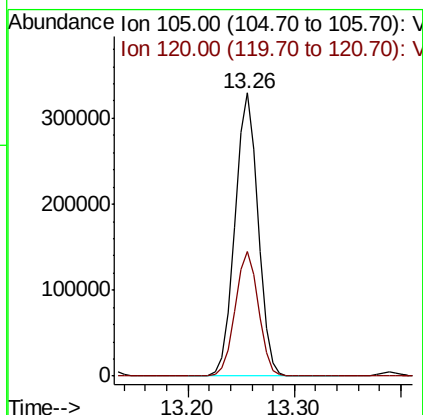
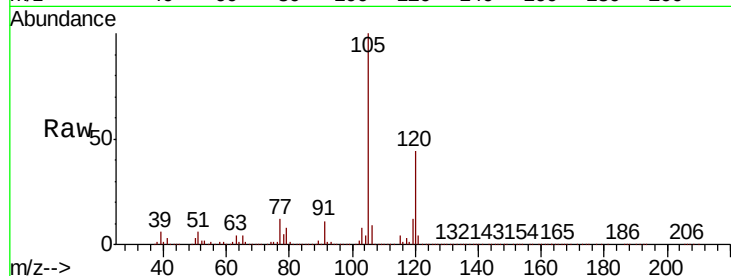




#84
 1,2,4-Trimethylbenzene
 Concen: 865.875 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

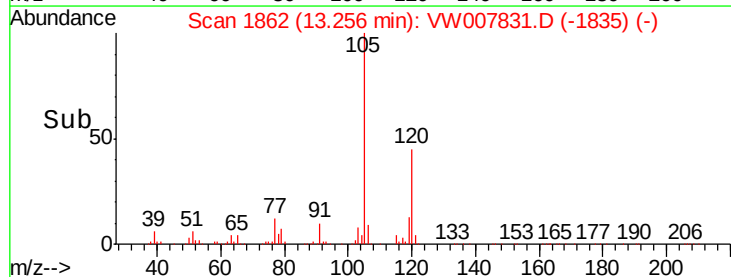
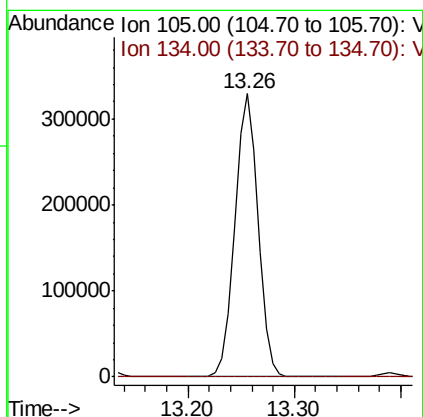
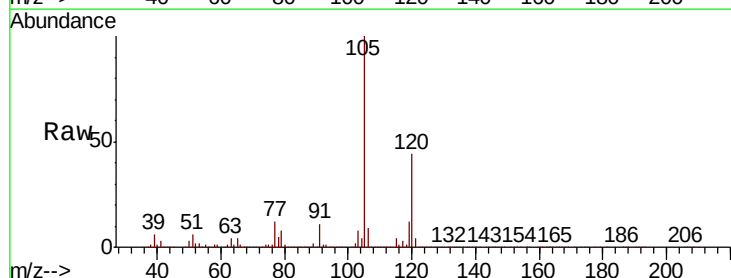
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

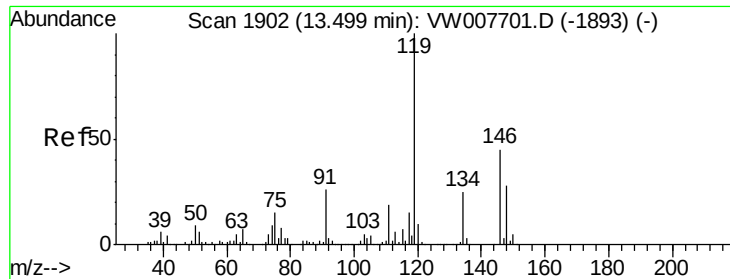
Tgt Ion:105 Resp: 501253
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 722.529 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion:105 Resp: 501253
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

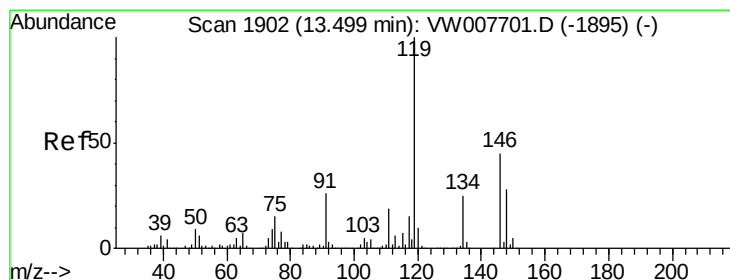
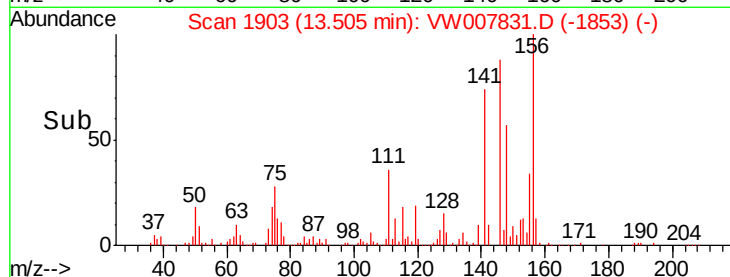
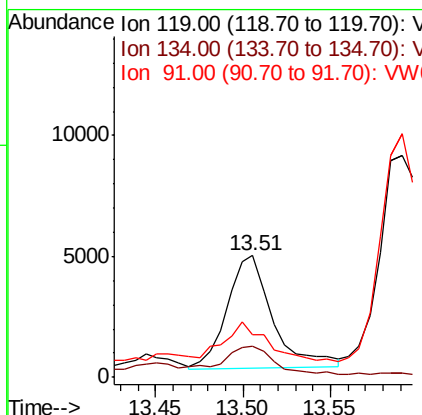
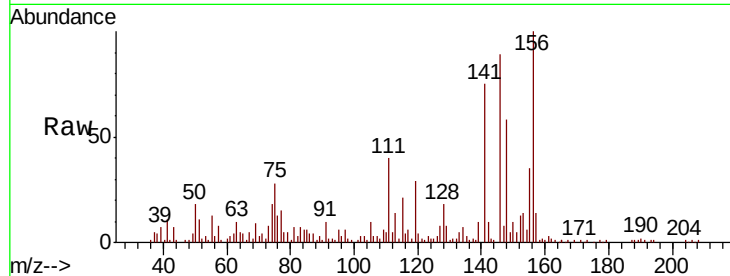




#86
 p-Isopropyltoluene
 Concen: 13.612 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

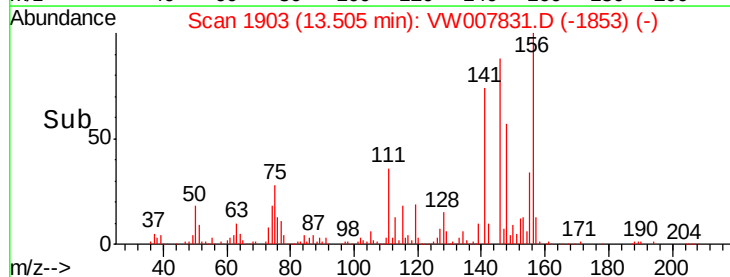
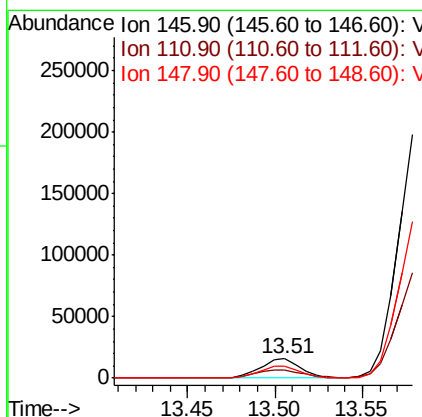
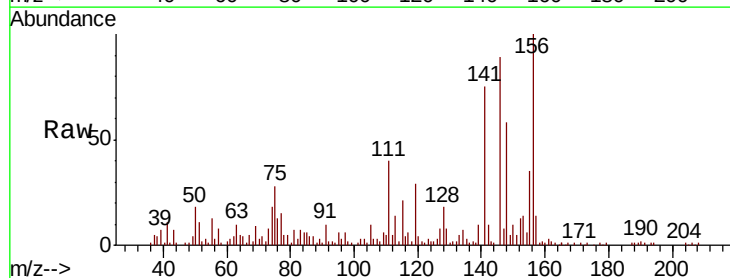
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

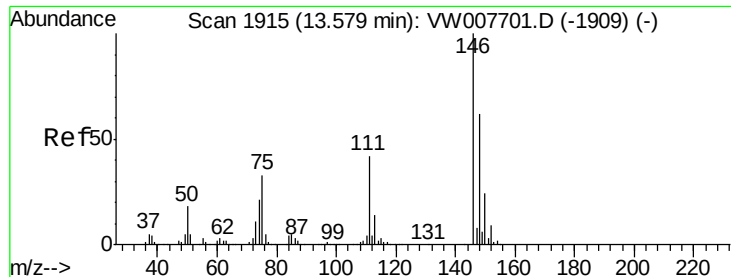
Tgt Ion:119 Resp: 8587
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.0 39.0
 91 32.7 12.8 38.4



#87
 1,3-Dichlorobenzene
 Concen: 82.101 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion:146 Resp: 24847
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.1 63.4
 148 65.4 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 1130.229 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

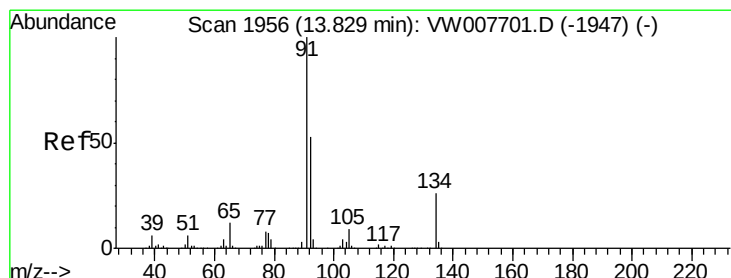
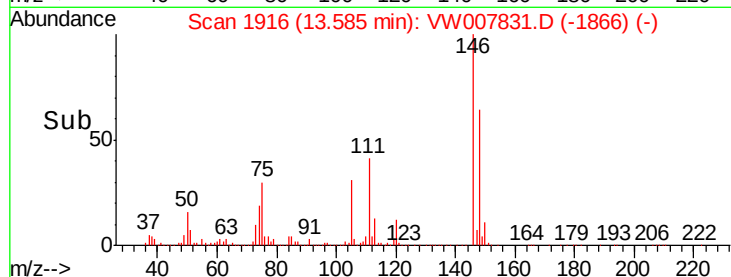
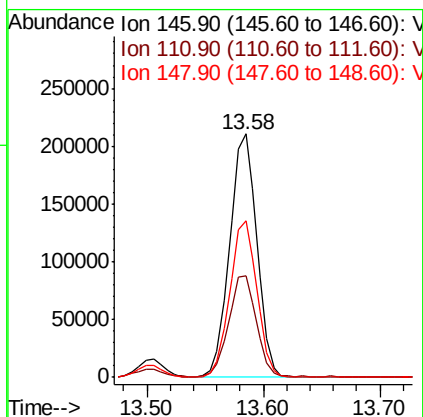
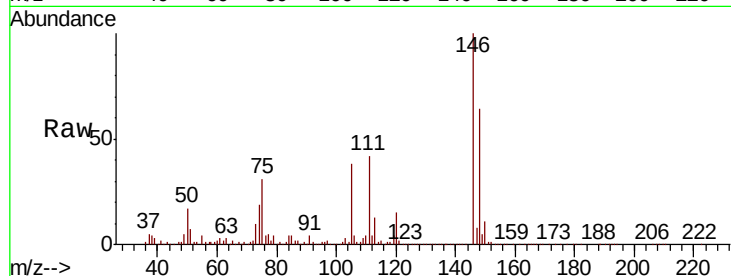
Instrument :

MSVOA_W

ClientSampleId :

P001-SS013B-3036-01

Tgt Ion:	146	Resp:	342151
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.0	63.0
148	63.8	31.8	95.4



#89

n-Butylbenzene

Concen: 8.653 ug/l

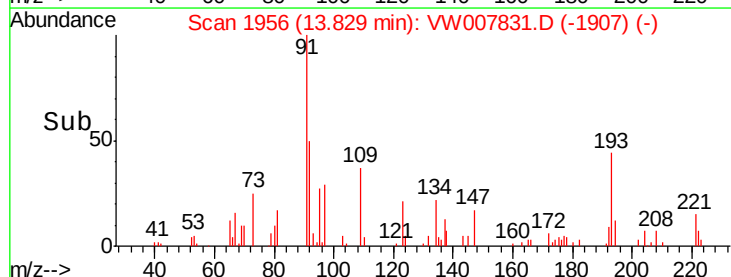
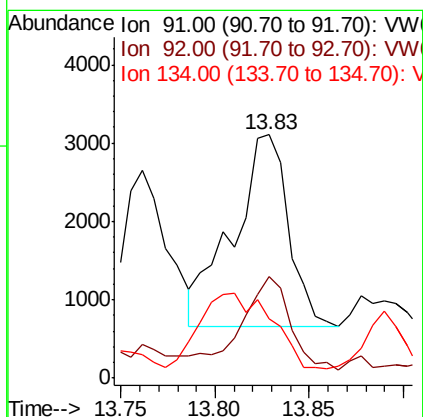
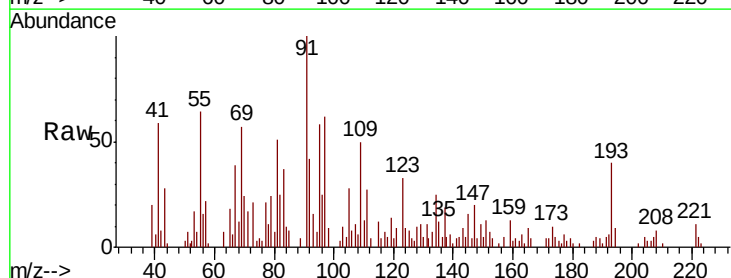
RT: 13.83 min Scan# 1956

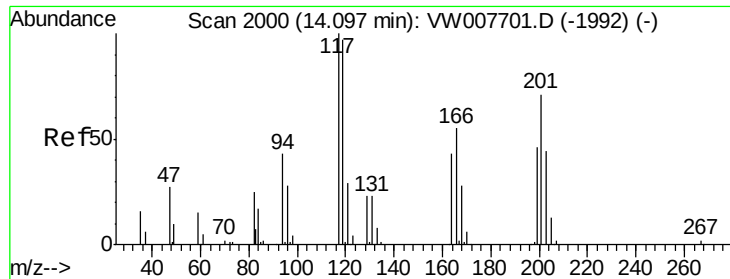
Delta R.T. -0.00 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Tgt Ion:	91	Resp:	5005
Ion	Ratio	Lower	Upper
91	100		
92	40.4	26.4	79.2
134	51.3	13.7	41.0#





#90

Hexachloroethane

Concen: 29.210 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

Instrument :

MSVOA_W

ClientSampleId :

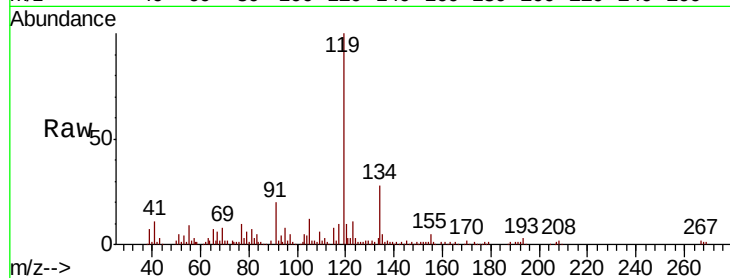
P001-SS013B-3036-01

Tgt Ion:117 Resp: 3235

Ion Ratio Lower Upper

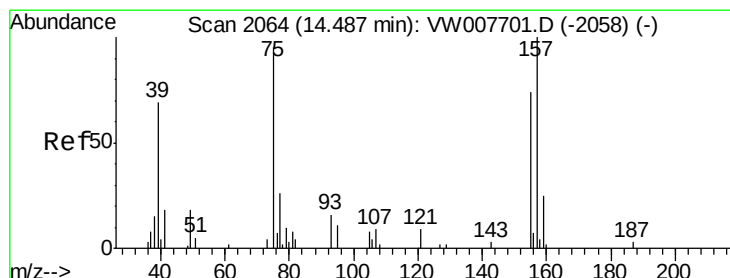
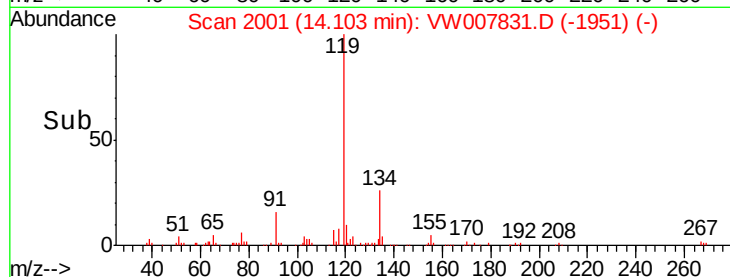
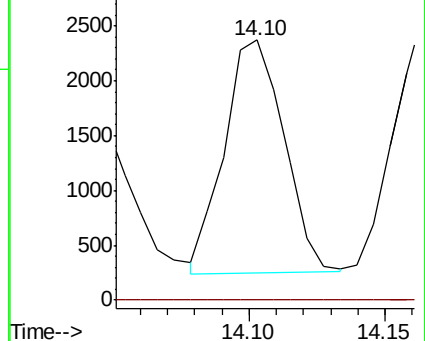
117 100

201 0.0 36.2 108.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.723 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW007831.D

Acq: 22 Dec 2018 09:41

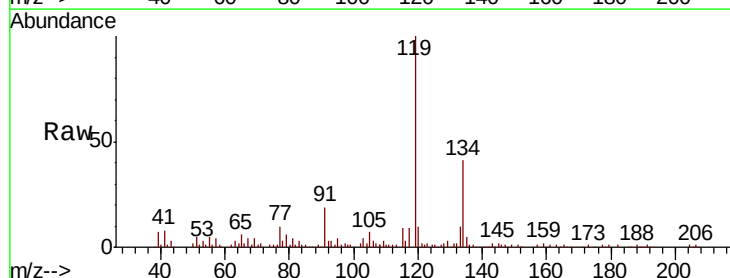
Tgt Ion: 75 Resp: 322

Ion Ratio Lower Upper

75 100

155 59.6 39.4 118.1

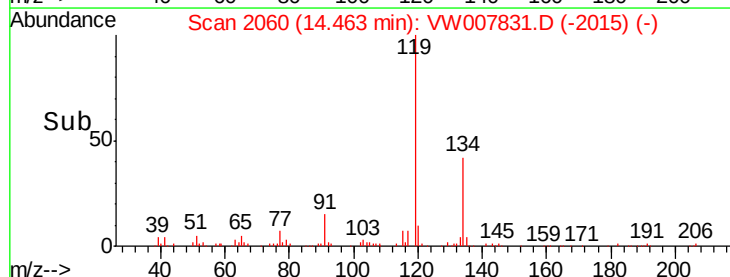
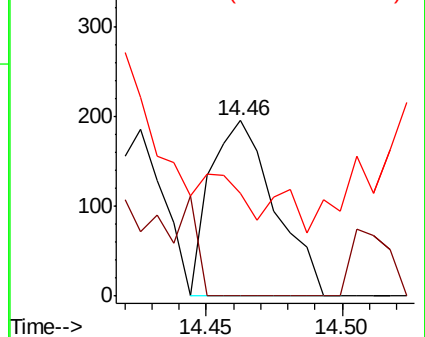
157 0.0 52.0 156.0#

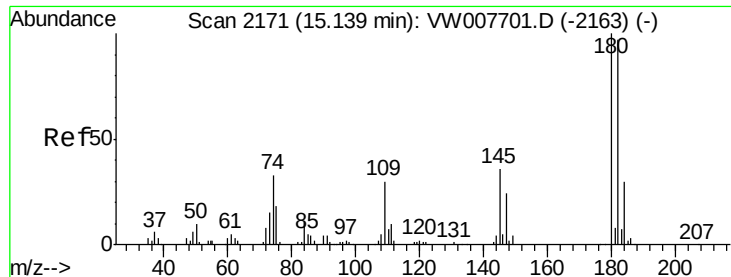


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

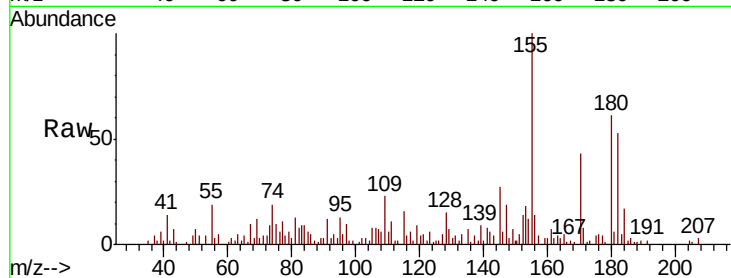




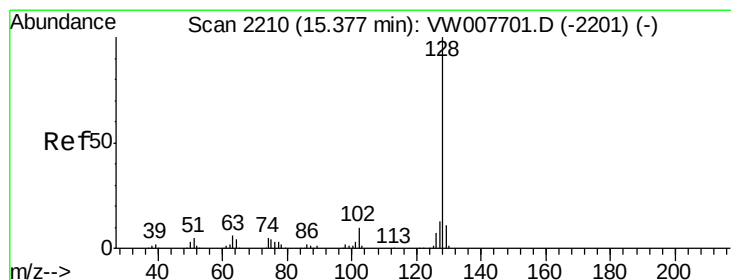
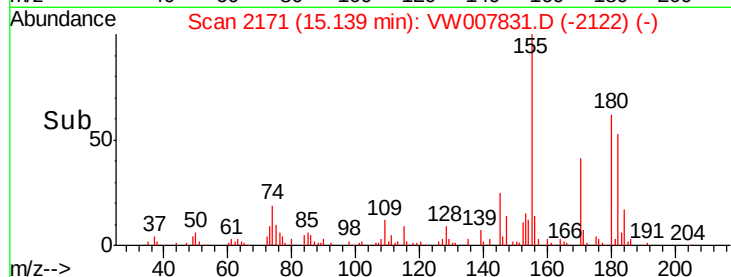
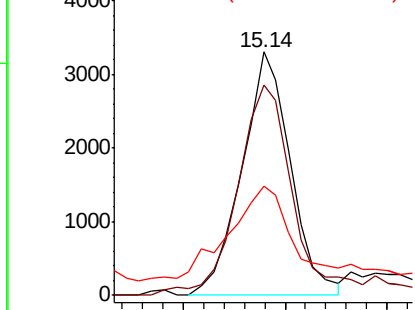
#93
 1,2,4-Trichlorobenzene
 Concen: 29.146 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

Tgt Ion:180 Resp: 5482
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.5 142.6
 145 69.4 17.5 52.5#

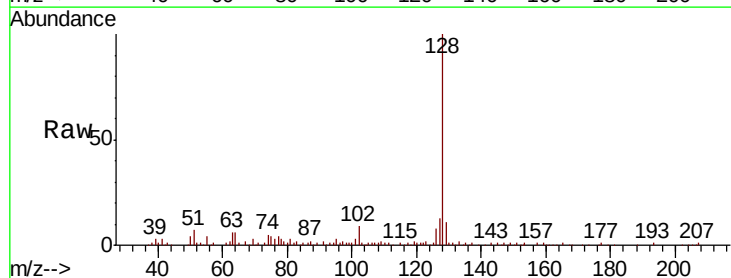


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

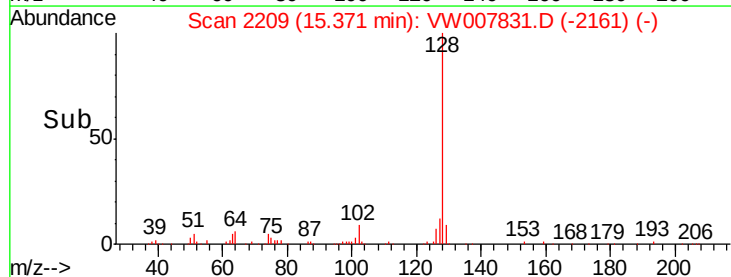
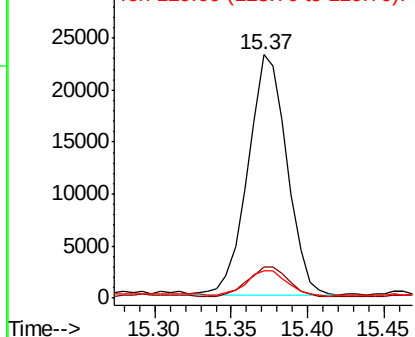


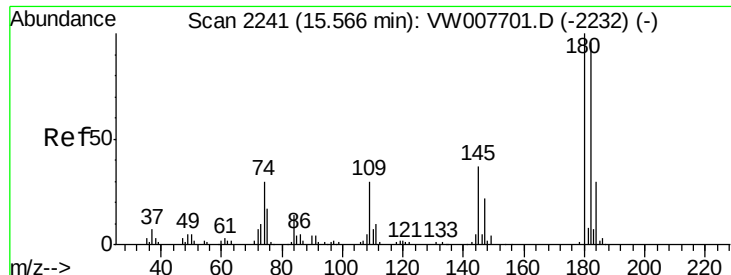
#95
 Naphthalene
 Concen: 117.189 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Tgt Ion:128 Resp: 40752
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.7 16.1
 129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 16.987 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW007831.D
 Acq: 22 Dec 2018 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013B-3036-01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.4	142.2
145	61.6	18.4	55.0

