

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004353.D
 Acq On : 30 Jul 2018 10:10
 Operator : SY/AP
 Sample : J4126-07RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 11:46:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	43520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	68567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	50810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	25498	58.08	ug/l	0.00
Spiked Amount			Recovery	=	116.16%	
35) Dibromofluoromethane	7.88	113	22746	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
50) Toluene-d8	10.33	98	57523	33.59	ug/l	0.00
Spiked Amount			Recovery	=	67.18%	
62) 4-Bromofluorobenzene	12.63	95	22153	36.74	ug/l	0.00
Spiked Amount			Recovery	=	73.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.27	50	21	Below Cal	#	44
5) Bromomethane	2.61	94	20	Below Cal	#	4
6) Chloroethane	2.73	64	22	Below Cal	#	45
8) Diethyl Ether	3.67	74	53	Below Cal		95
14) Allyl chloride	4.89	41	57	1.589	ug/l #	25
16) Acetone	4.12	43	7963	81.577	ug/l	90
17) Carbon Disulfide	4.37	76	4624	4.016	ug/l	96
18) Methyl Acetate	4.68	43	514	2.936	ug/l #	85
20) Methylene Chloride	4.92	84	5582	12.106	ug/l #	78
25) 2-Butanone	7.17	43	798	6.545	ug/l	91
26) 2,2-Dichloropropane	7.16	77	652	1.324	ug/l #	52
29) Tetrahydrofuran	7.54	42	49	3.236	ug/l #	35
31) Cyclohexane	7.94	56	801	1.069	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	2530	3.688	ug/l #	46
37) Ethyl Acetate	7.17	43	798	2.839	ug/l #	31
38) Carbon Tetrachloride	7.95	117	4057	5.990	ug/l #	15
52) Toluene	10.40	92	1268	1.047	ug/l	86
59) 2-Hexanone	10.94	43	332	1.739	ug/l #	25
67) Ethyl Benzene	11.74	91	63556	34.167	ug/l #	88
68) m/p-Xylenes	11.84	106	10049	14.039	ug/l	99
69) o-Xylene	12.17	106	6168	9.326	ug/l	91
70) Styrene	12.18	104	1496	1.339	ug/l #	30
73) Isopropylbenzene	12.47	105	36739	26.078	ug/l	97
74) N-ethyl acetate	12.26	43	732	3.965	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.72	83	506	2.050	ug/l #	26
76) 1,2,3-Trichloropropane	12.87	75	1507	8.127	ug/l #	100
78) n-propylbenzene	12.81	91	19530	11.379	ug/l	95
79) 2-Chlorotoluene	12.91	91	16520	16.829	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	91626	75.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	491	6.161	ug/l #	1
82) 4-Chlorotoluene	12.95	91	9186	8.843	ug/l #	40
83) tert-Butylbenzene	13.26	119	14247	14.091	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.26	105	108818	87.913	ug/l	96
85) sec-Butylbenzene	13.40	105	3346	2.266	ug/l #	65

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QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

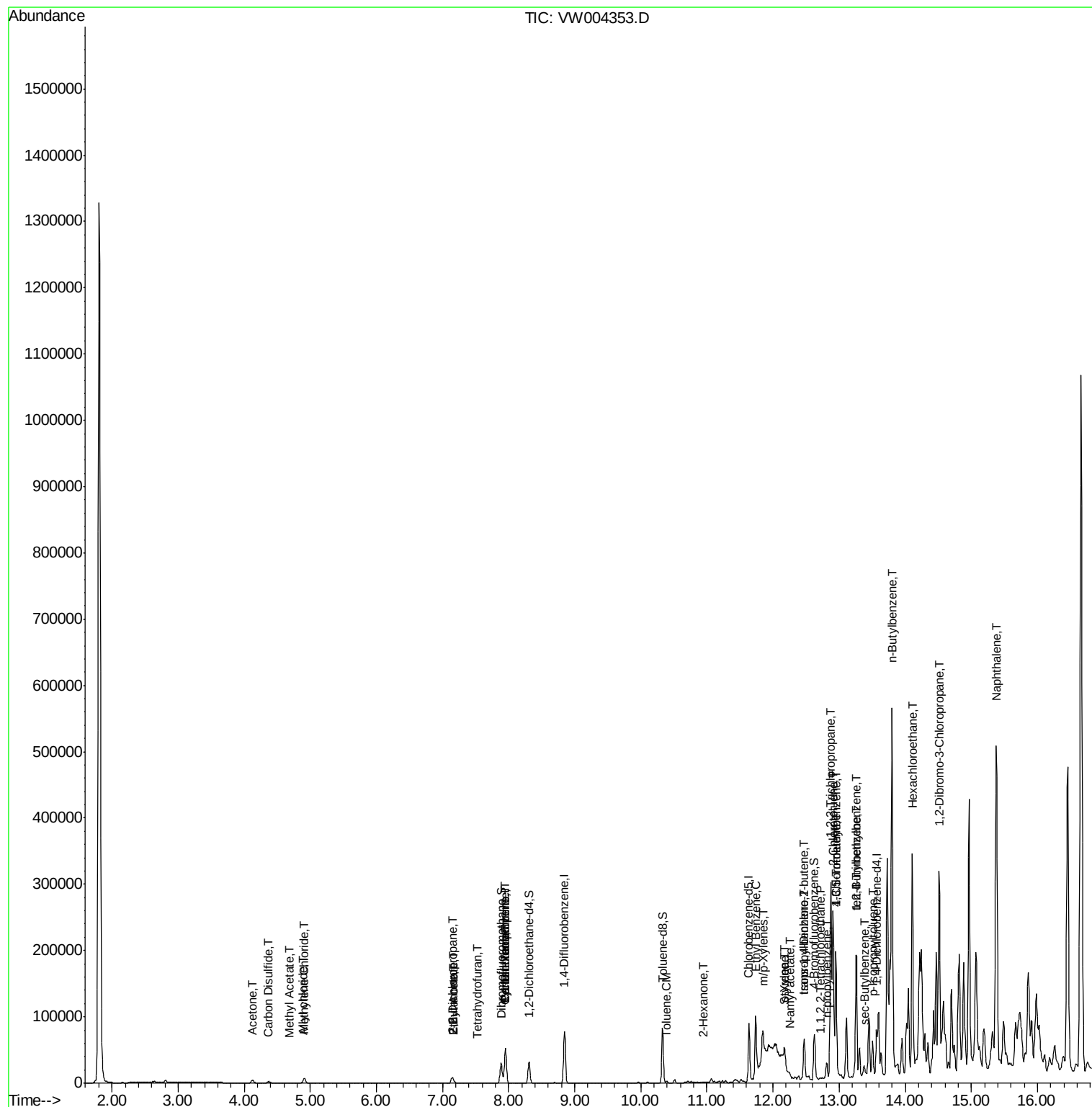
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.51	119	28673	21.616	ug/l	95
89) n-Butylbenzene	13.80	91	77821	62.827	ug/l #	1
90) Hexachloroethane	14.10	117	21373	90.341	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1485	34.470	ug/l #	2
95) Naphthalene	15.38	128	414837	563.069	ug/l	97

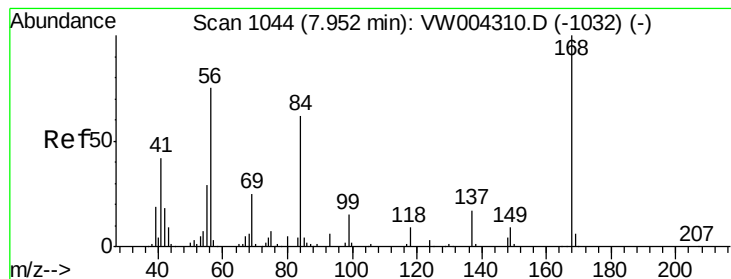
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

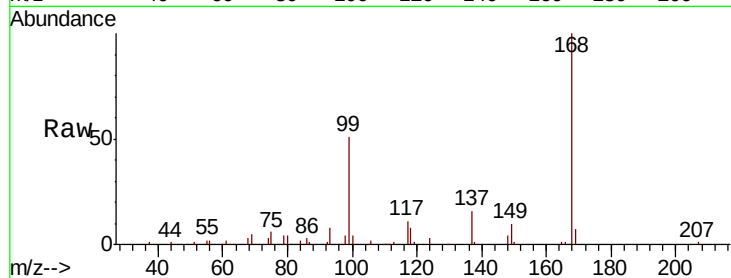
ClientSampleId :

Tot Ion:168 Resp: 43520

Ion Ratio Lower Upper

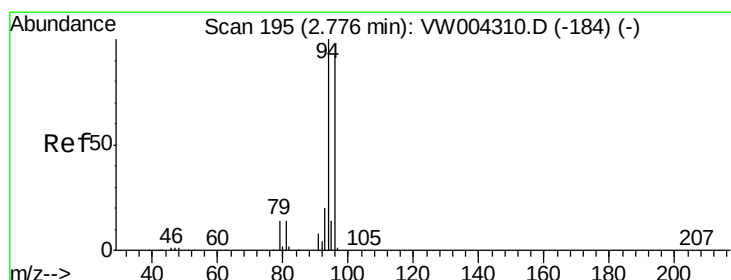
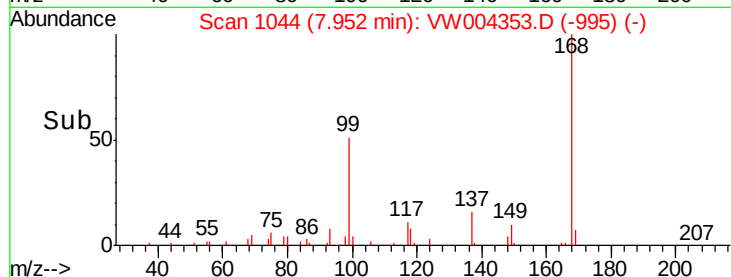
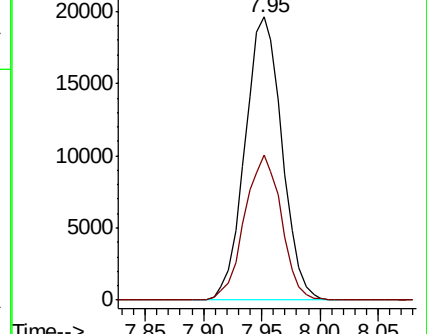
168 100

99 51.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.61 min Scan# 167

Delta R.T. -0.17 min

Lab File: VW004353.D

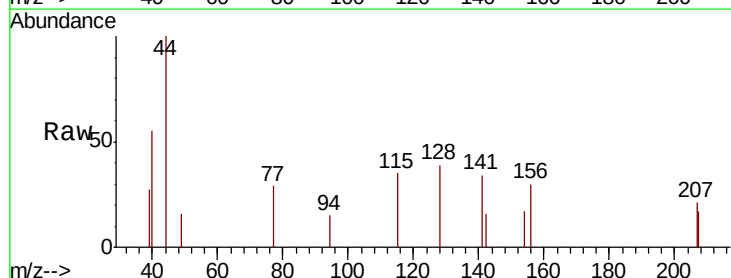
Acq: 30 Jul 2018 10:10

Tgt Ion: 94 Resp: 20

Ion Ratio Lower Upper

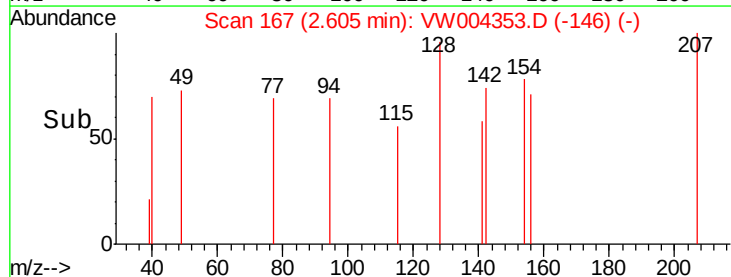
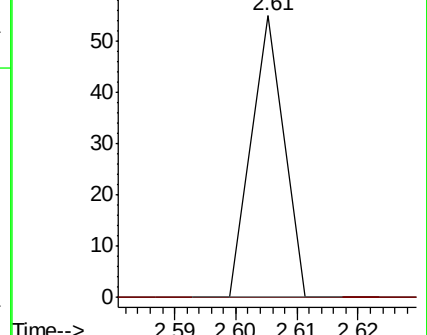
94 100

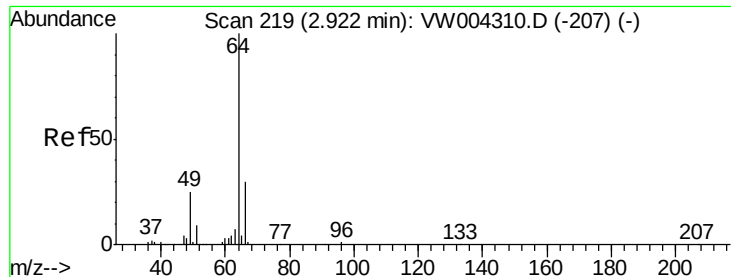
96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#6

Chloroethane

Concen: Below Cal

RT: 2.73 min Scan# 188

Delta R.T. -0.19 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

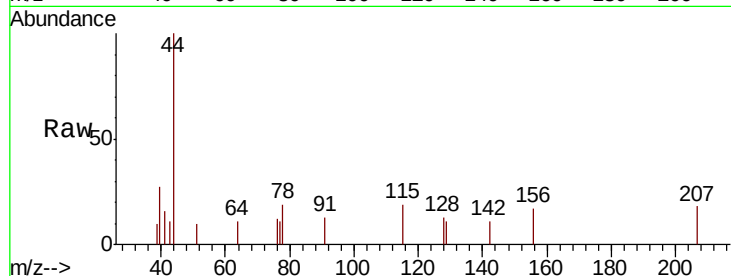
ClientSampled :

Tot Ion: 64 Resp: 22

Ion Ratio Lower Upper

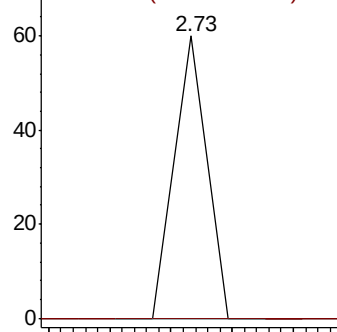
64 100

66 0.0 23.7 35.5#

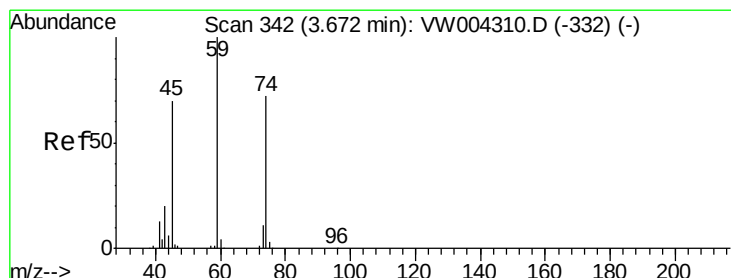
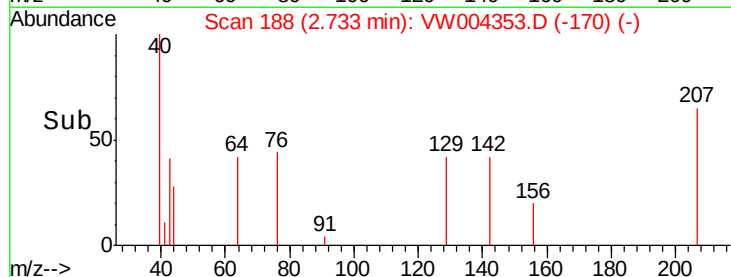


Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time--> 2.71 2.72 2.73 2.74 2.75



#8

Diethyl Ether

Concen: Below Cal

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004353.D

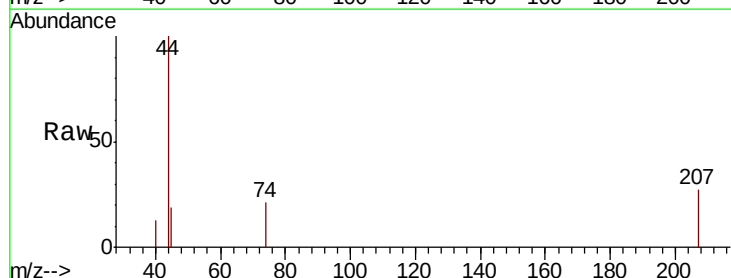
Acq: 30 Jul 2018 10:10

Tgt Ion: 74 Resp: 53

Ion Ratio Lower Upper

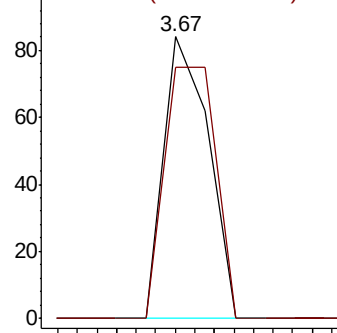
74 100

45 103.8 49.4 148.0

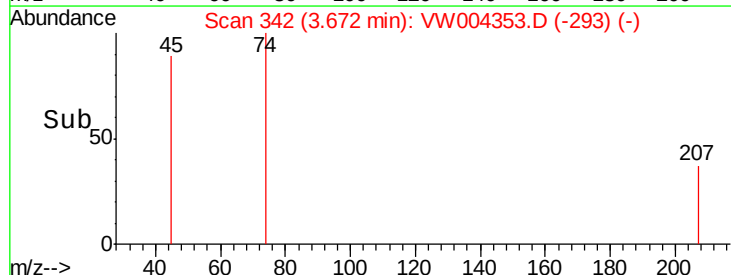


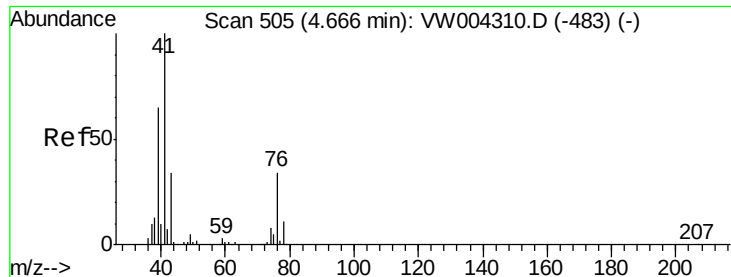
Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



Time--> 3.66 3.67 3.68 3.70

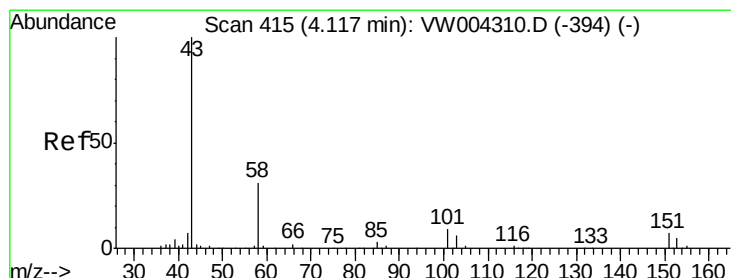
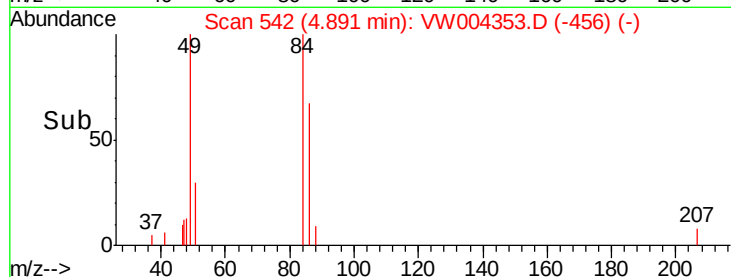
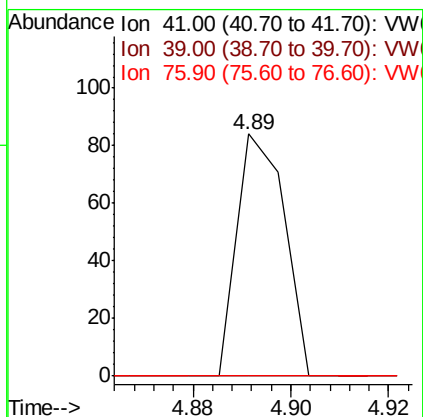
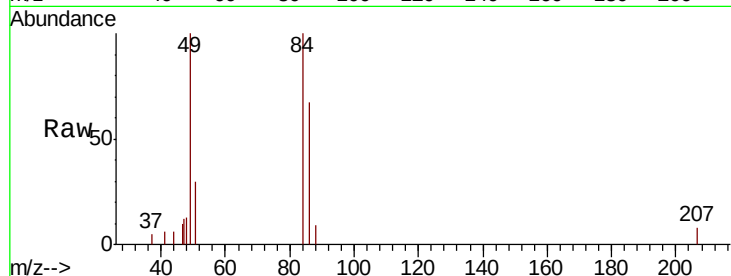




#14
Allvl chloride
Concen: 1.589 ug/l
RT: 4.89 min Scan# 542
Delta R.T. 0.23 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

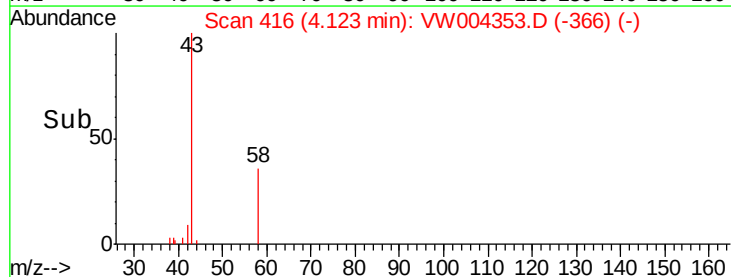
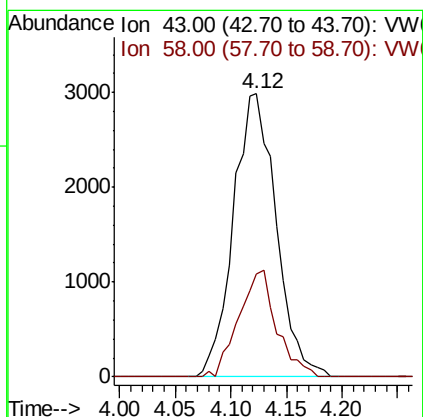
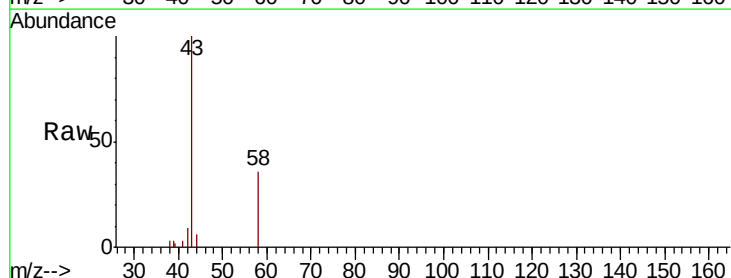
Instrument :
MSVOA_W
ClientSampled :

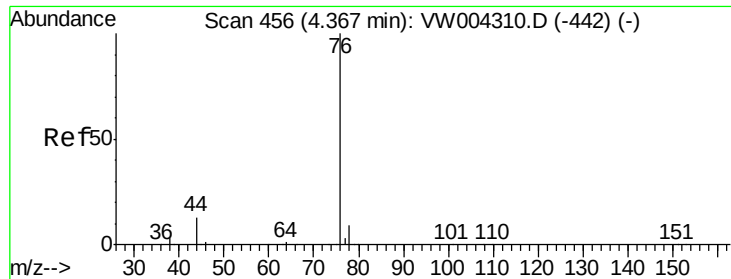
Tot Ion: 41 Resp: 57
Ion Ratio Lower Upper
41 100
39 0.0 52.3 78.5#
76 0.0 27.3 40.9#



#16
Acetone
Concen: 81.577 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion: 43 Resp: 7963
Ion Ratio Lower Upper
43 100
58 36.4 24.8 37.2

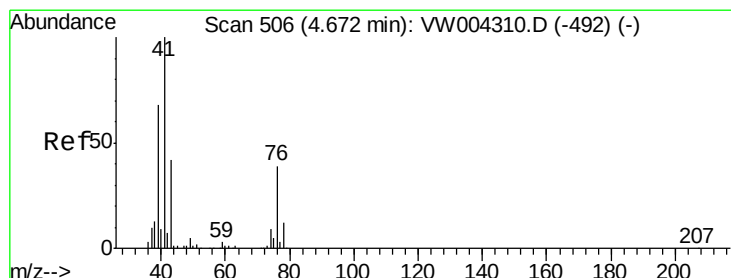
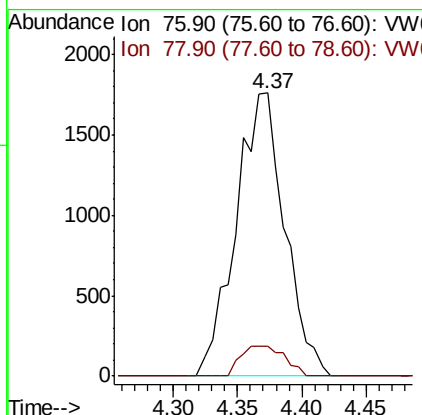
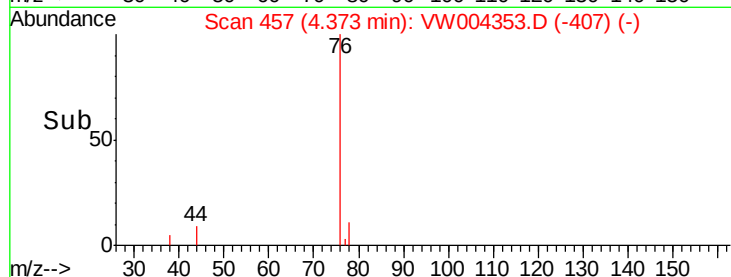
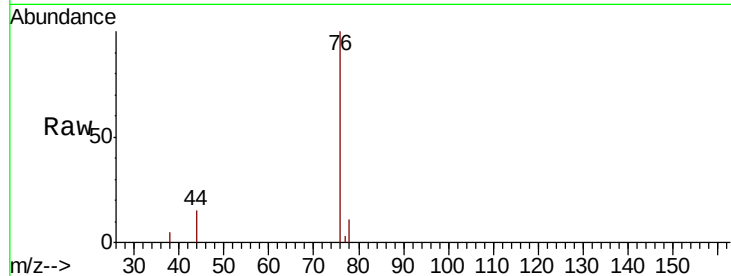




#17
Carbon Disulfide
Concen: 4.016 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

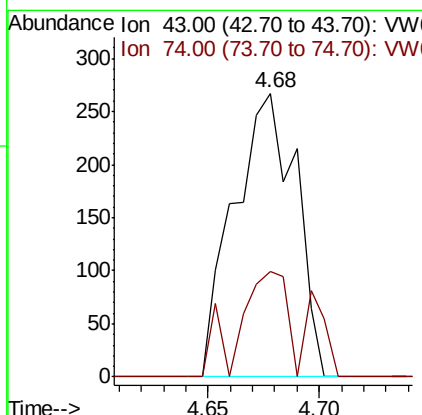
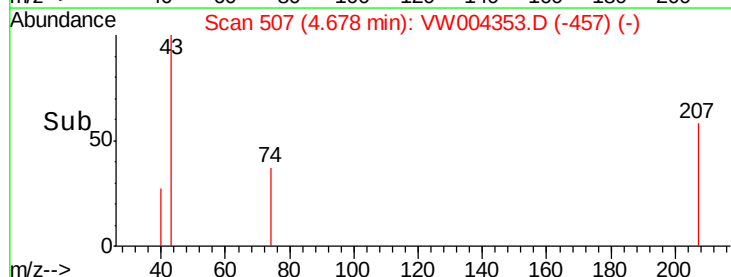
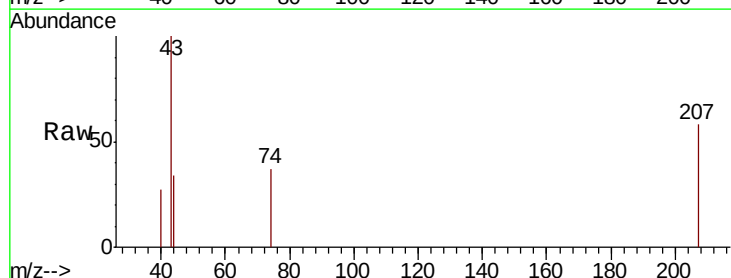
Instrument :
MSVOA_W
ClientSampled :

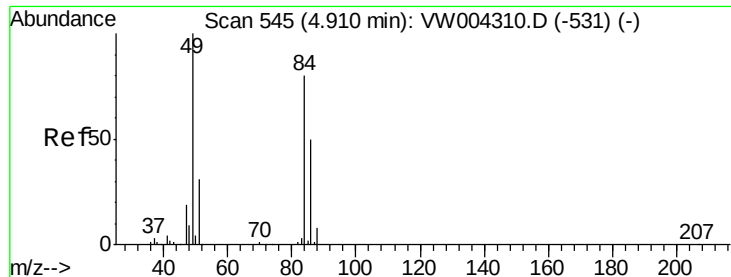
Tot Ion: 76 Resp: 4624
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 2.936 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
74 29.2 17.8 26.6#

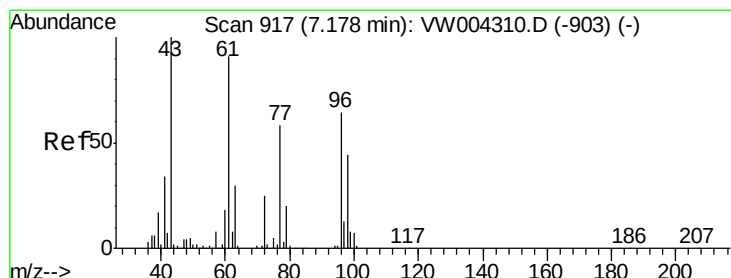
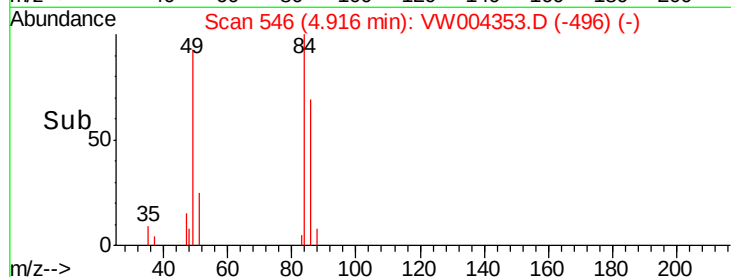
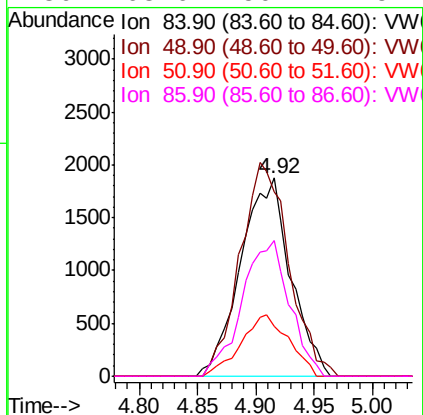
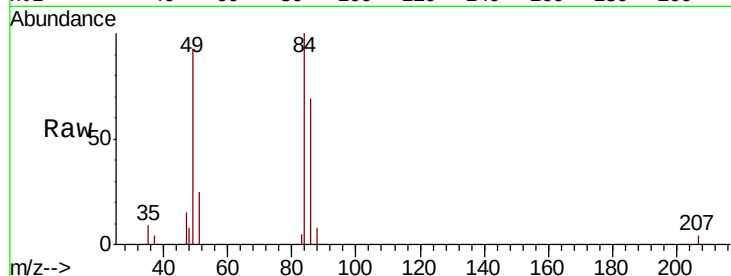




#20
Methylene Chloride
Concen: 12.106 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

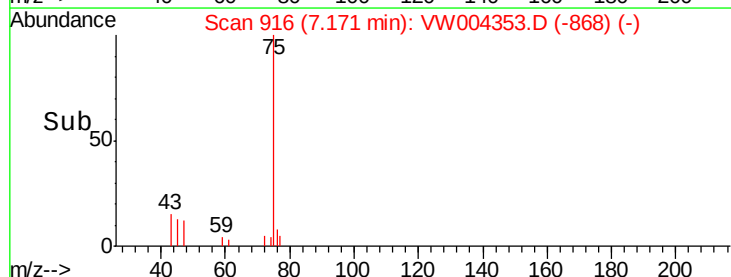
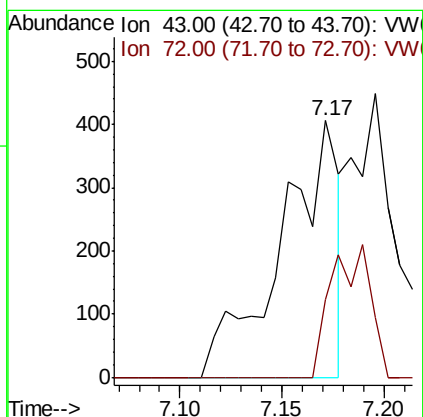
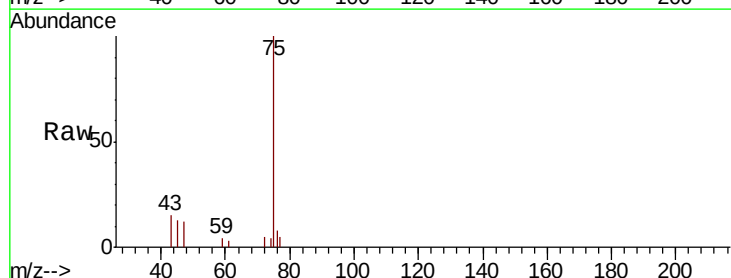
Instrument :
MSVOA_W
ClientSampled :

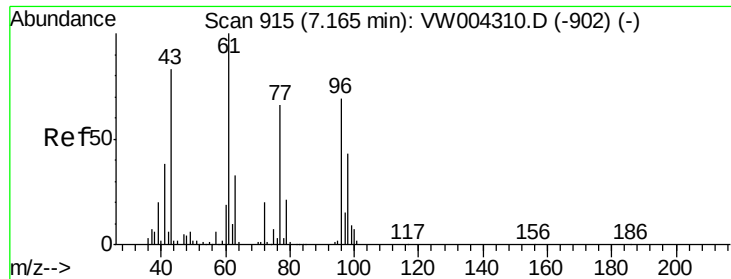
Tot Ion: 84 Resp: 5582
Ion Ratio Lower Upper
84 100
49 93.2 100.5 150.7#
51 24.9 30.9 46.3#
86 68.6 50.2 75.4



#25
2-Butanone
Concen: 6.545 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
72 30.0 20.3 30.5

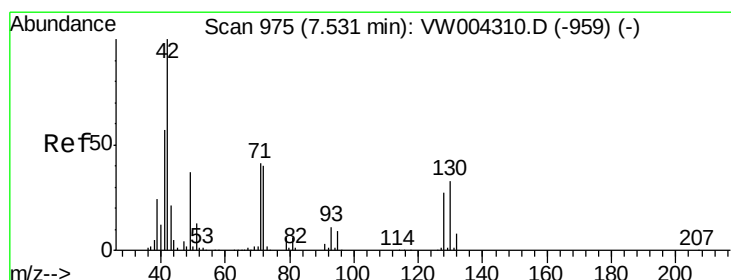
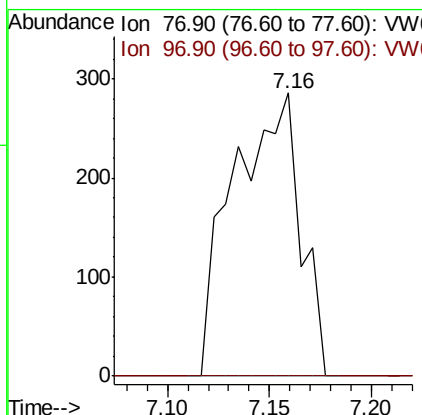
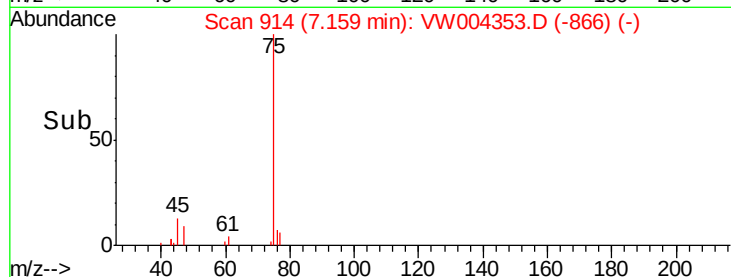
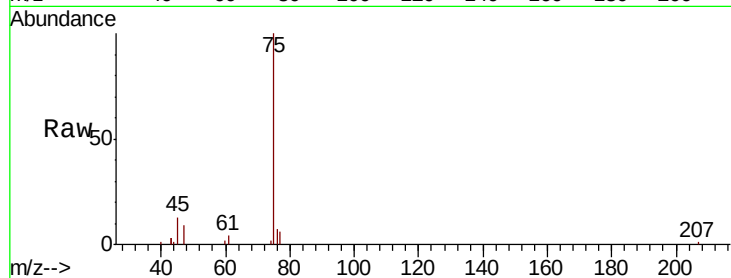




#26
 2,2-Dichloropropane
 Concen: 1.324 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

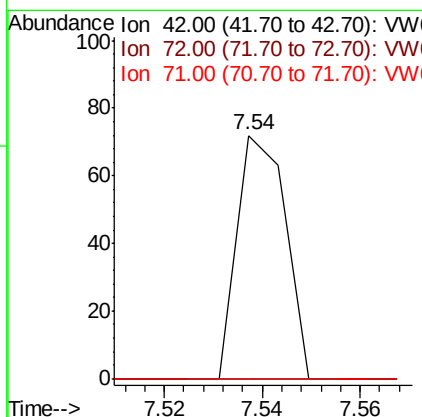
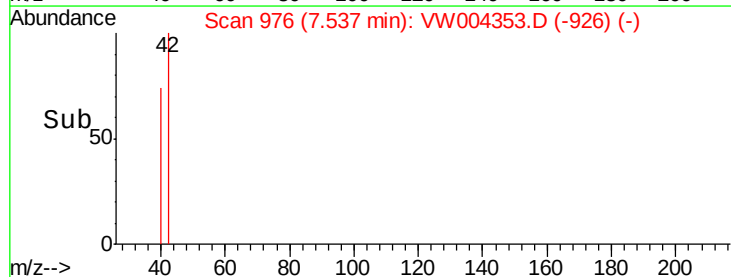
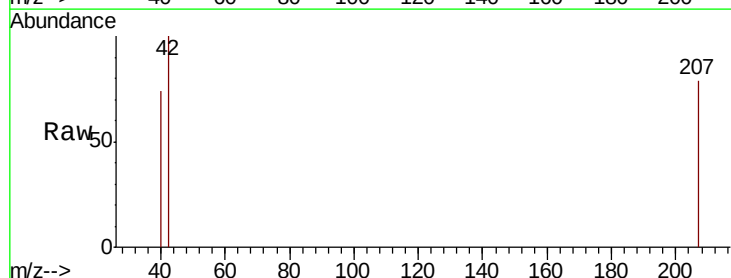
Instrument :
 MSVOA_W
 ClientSampleId :

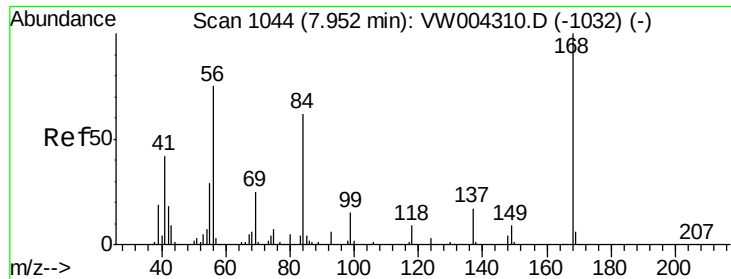
Tot Ion: 77 Resp: 652
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#29
 Tetrahydrofuran
 Concen: 3.236 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.6 48.8#
 71 0.0 31.3 46.9#

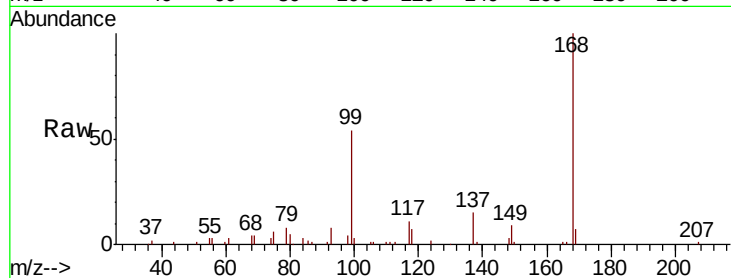




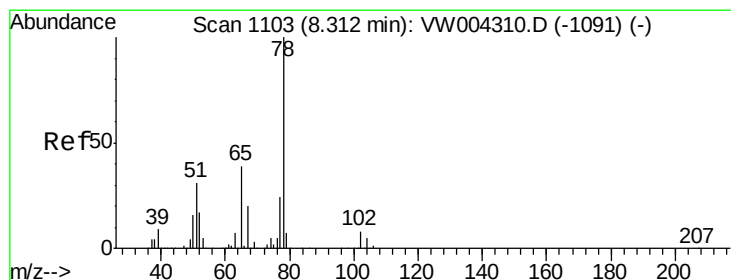
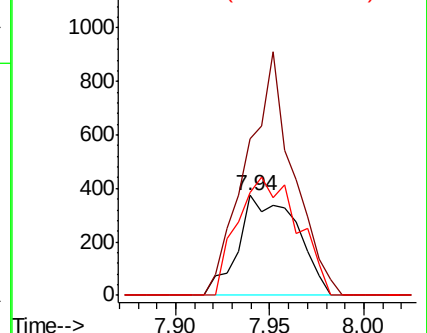
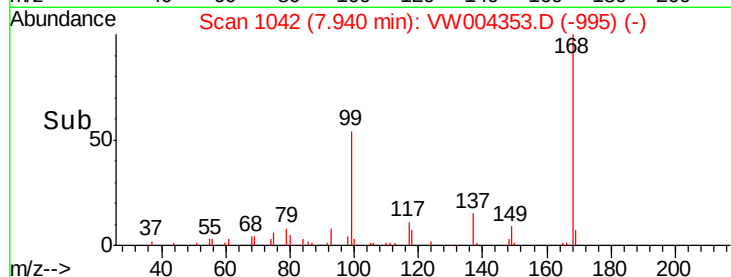
#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 801
Ion Ratio Lower Upper
56 100
69 156.8 26.3 39.5#
84 103.2 66.2 99.4#

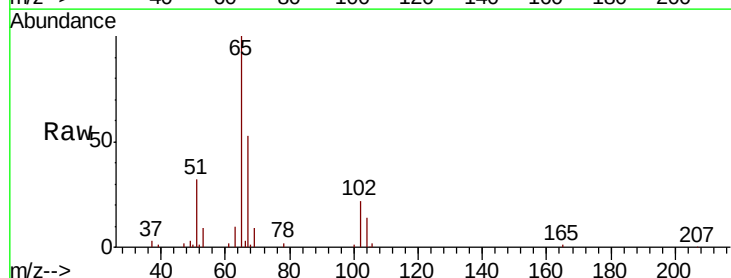


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

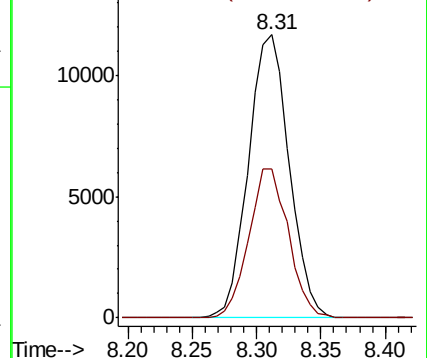
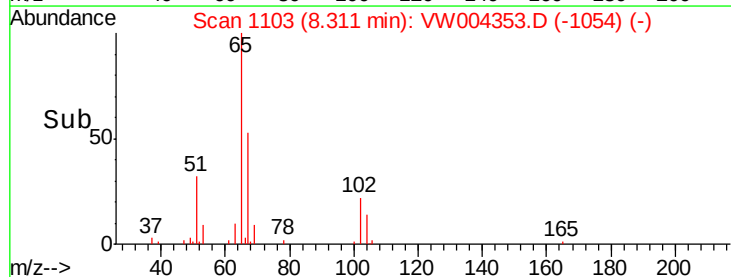


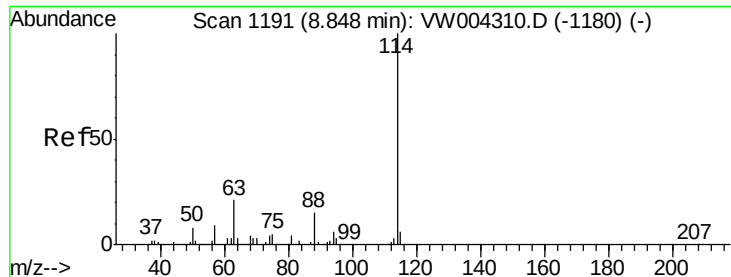
#33
1,2-Dichloroethane-d4
Concen: 58.082 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion: 65 Resp: 25498
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.4



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

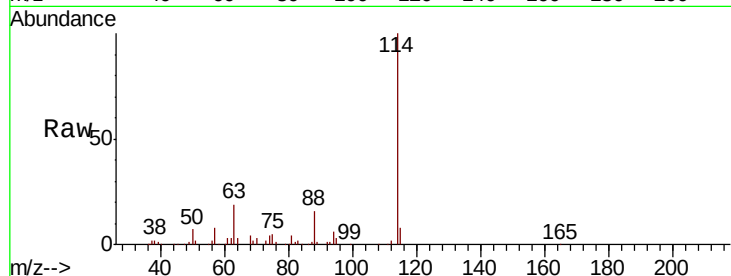




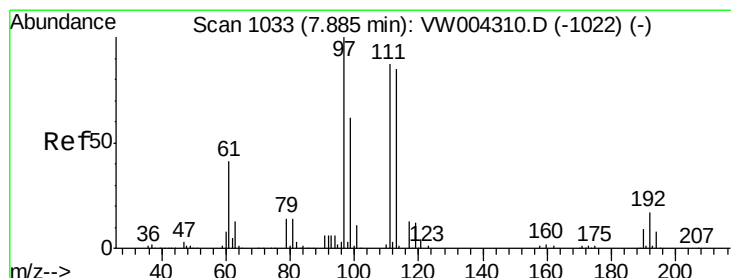
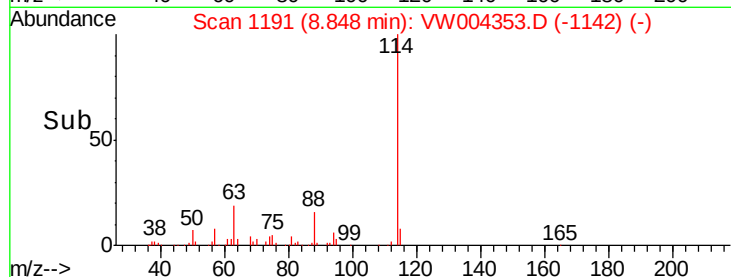
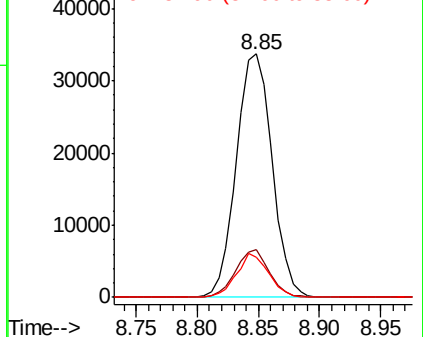
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	16.3	0.0	30.6

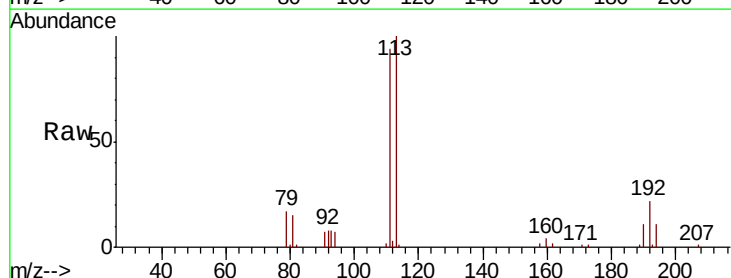


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

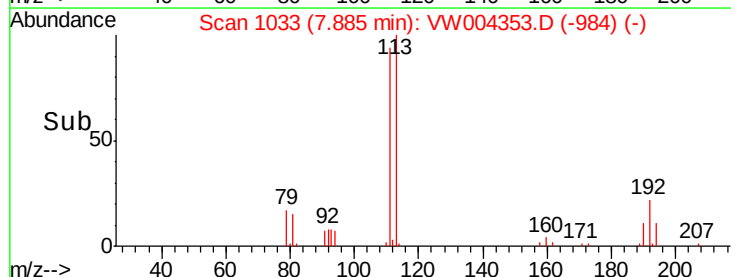
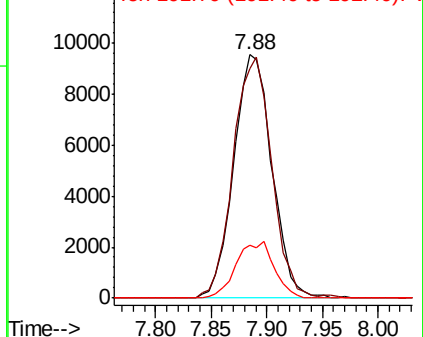


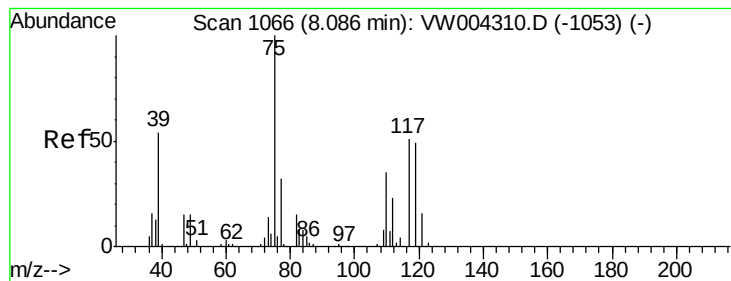
#35
 Dibromofluoromethane
 Concen: 52.493 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.1	123.1
192	23.0	16.2	24.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.688 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.14 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampleId :

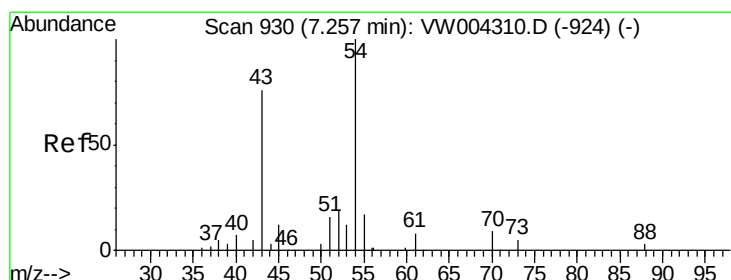
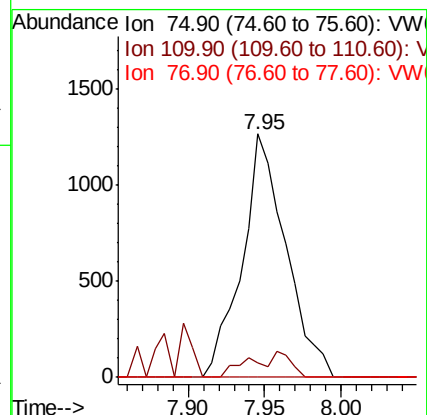
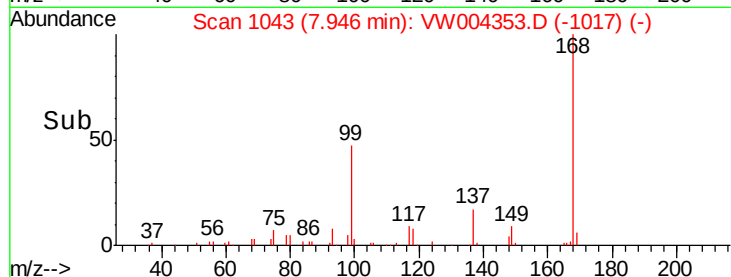
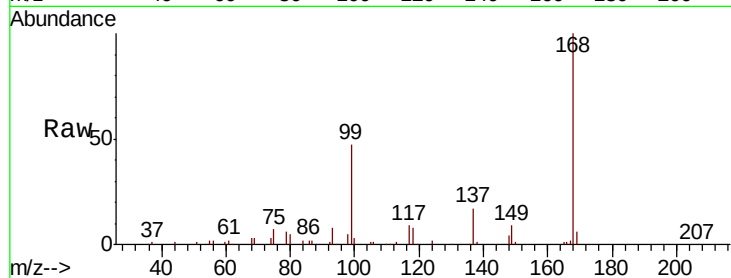
Tot Ion: 75 Resp: 2530

Ion Ratio Lower Upper

75 100

110 5.2 17.3 52.0#

77 0.0 25.0 37.6#



#37

Ethyl Acetate

Concen: 2.839 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.09 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

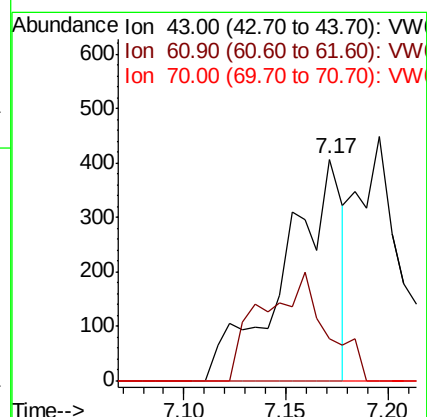
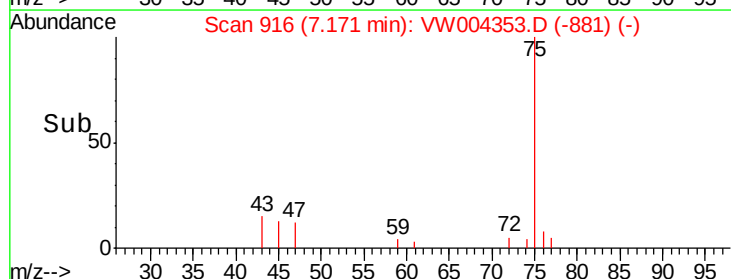
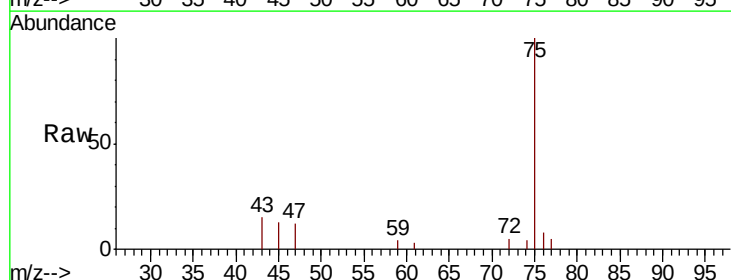
Tgt Ion: 43 Resp: 798

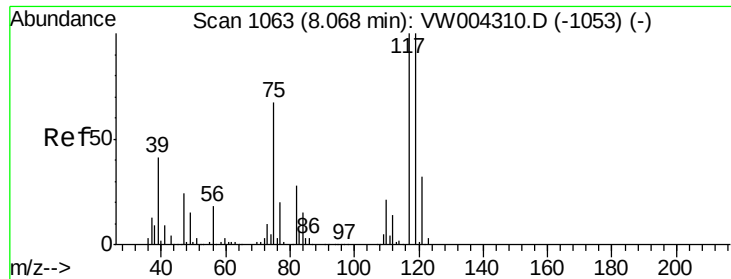
Ion Ratio Lower Upper

43 100

61 54.0 11.1 16.7#

70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 5.990 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampled :

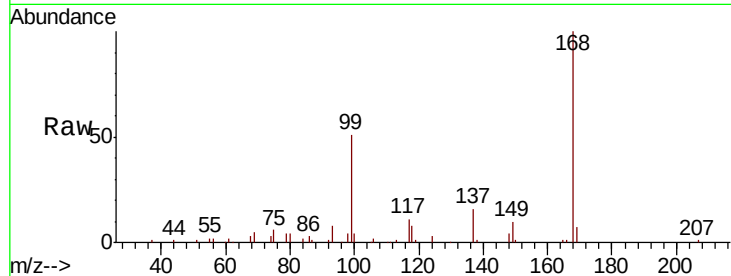
Tot Ion:117 Resp: 4057

Ion Ratio Lower Upper

117 100

119 5.5 79.7 119.5#

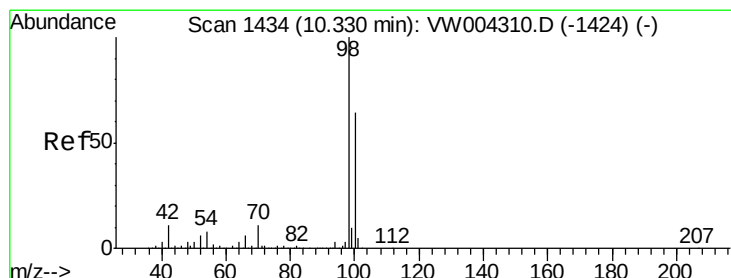
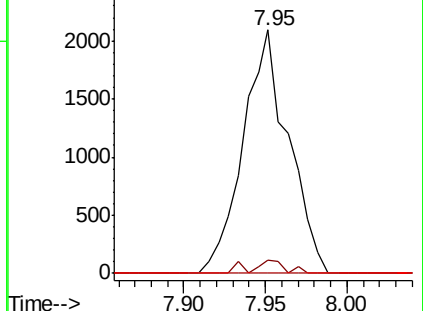
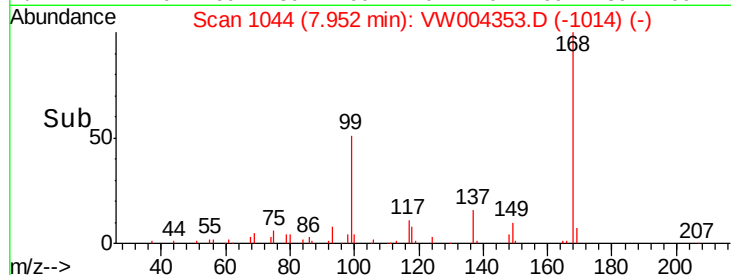
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 33.590 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004353.D

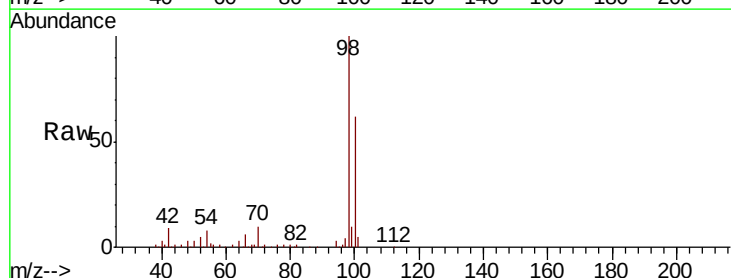
Acq: 30 Jul 2018 10:10

Tgt Ion: 98 Resp: 57523

Ion Ratio Lower Upper

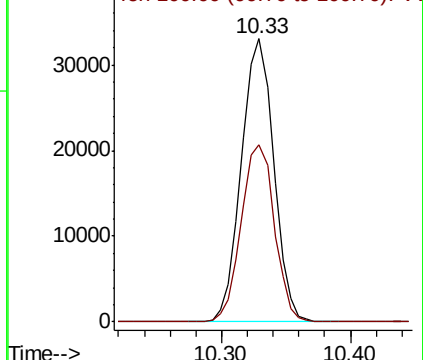
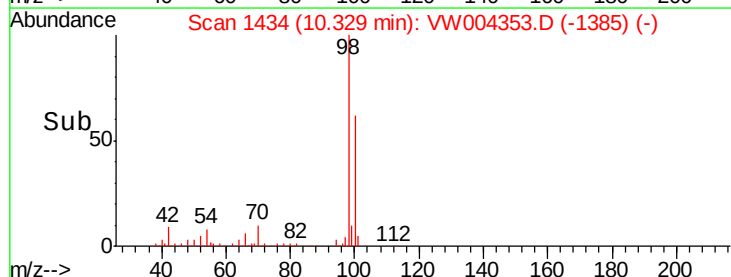
98 100

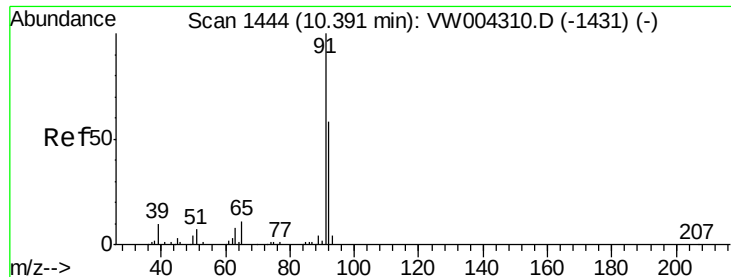
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.047 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

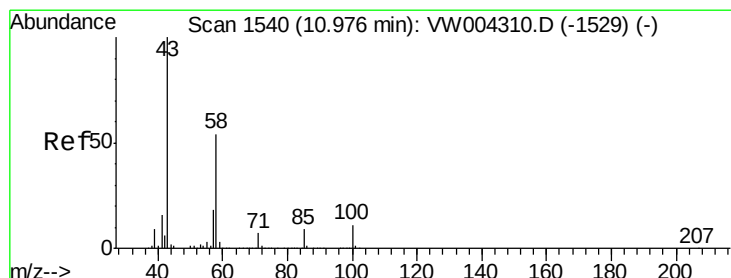
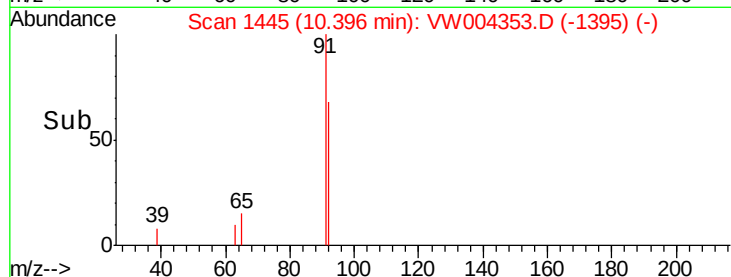
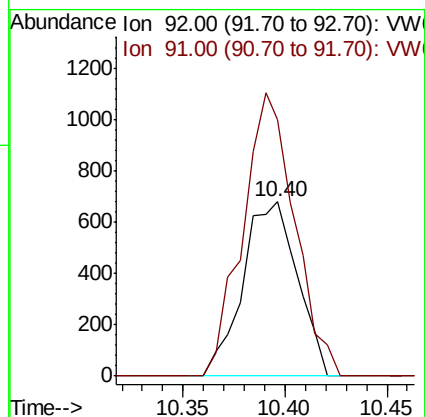
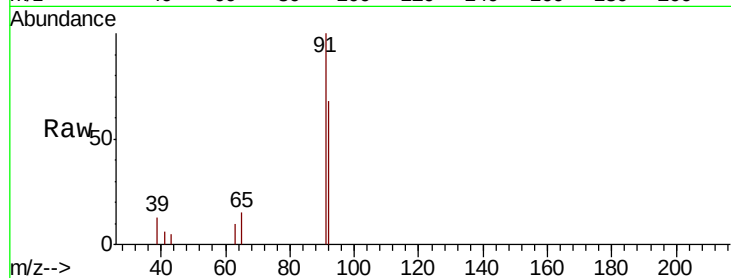
ClientSampled :

Tot Ion: 92 Resp: 1268

Ion Ratio Lower Upper

92 100

91 154.3 139.0 208.4



#59

2-Hexanone

Concen: 1.739 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.04 min

Lab File: VW004353.D

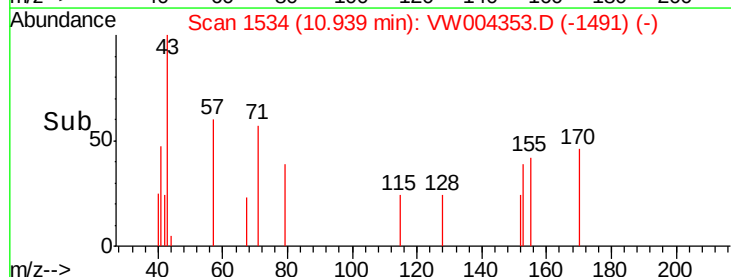
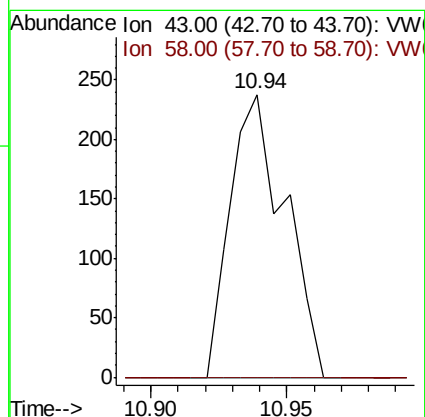
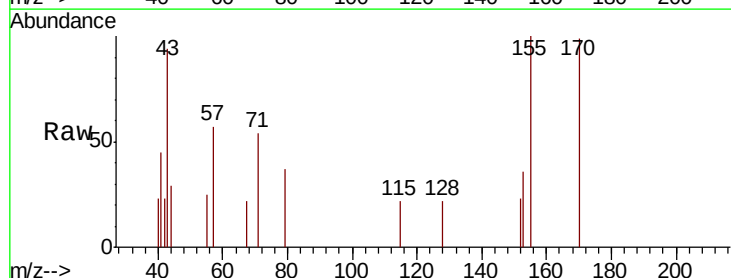
Acq: 30 Jul 2018 10:10

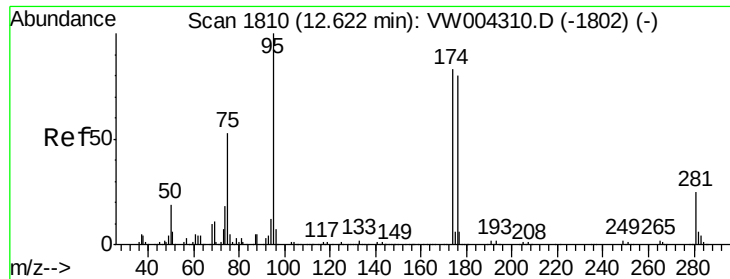
Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.4#





#62

4-Bromofluorobenzene

Concen: 36.740 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampleId :

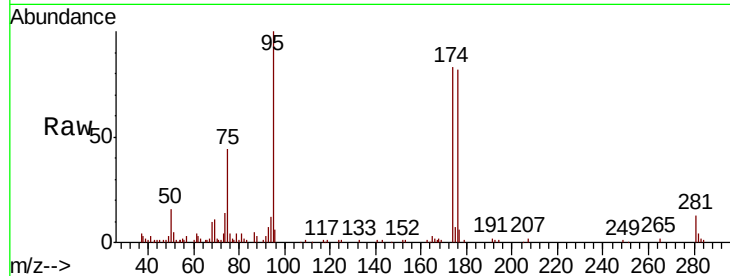
Tot Ion: 95 Resp: 22153

Ion Ratio Lower Upper

95 100

174 88.1 0.0 167.8

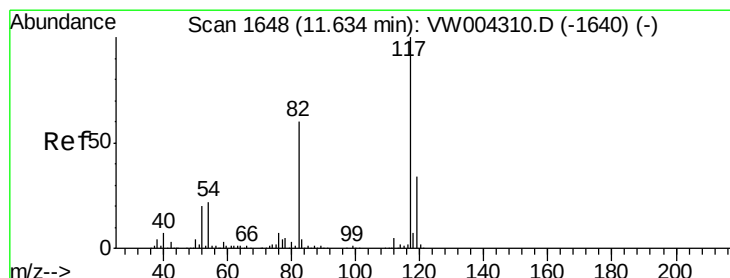
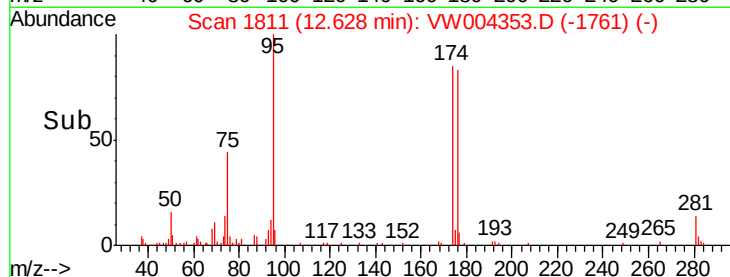
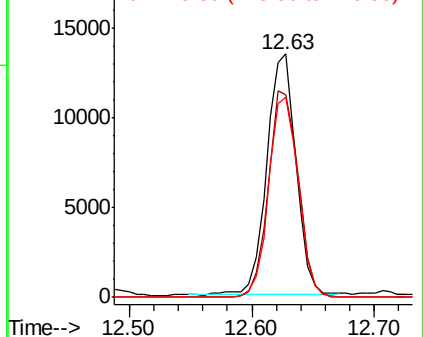
176 84.8 0.0 162.4



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# 1648

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

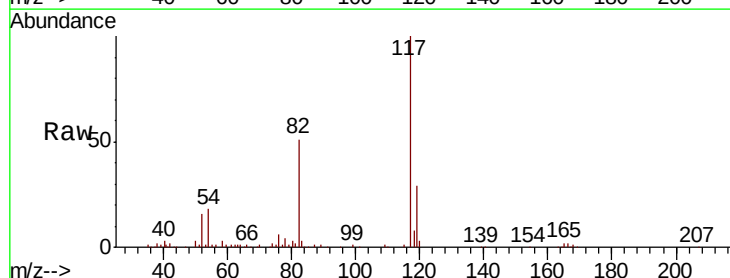
Tgt Ion: 117 Resp: 50810

Ion Ratio Lower Upper

117 100

82 50.5 47.9 71.9

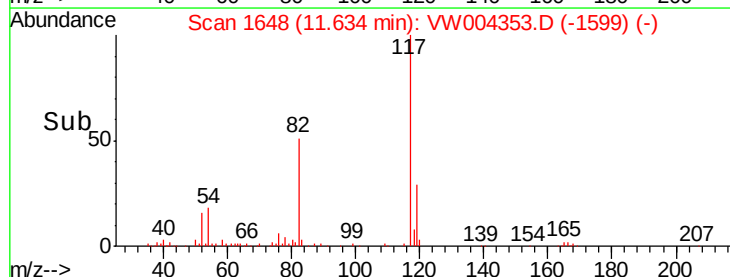
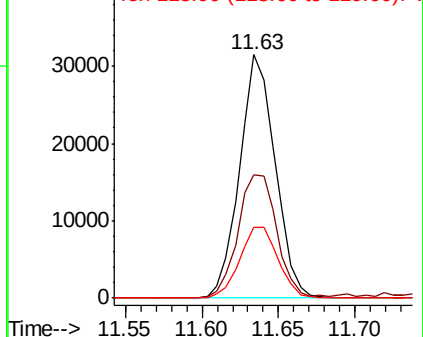
119 29.2 27.1 40.7

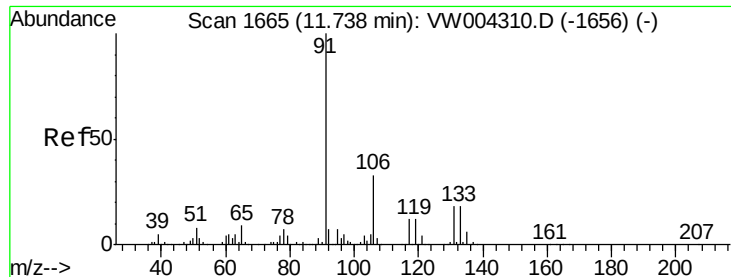


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

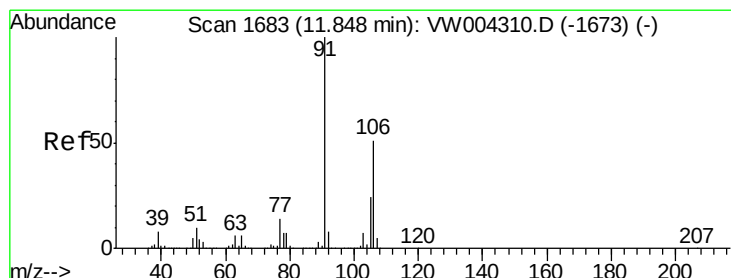
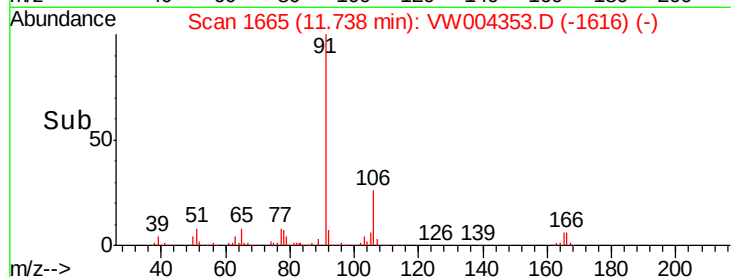
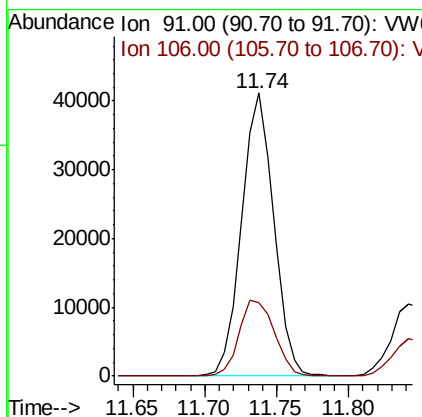
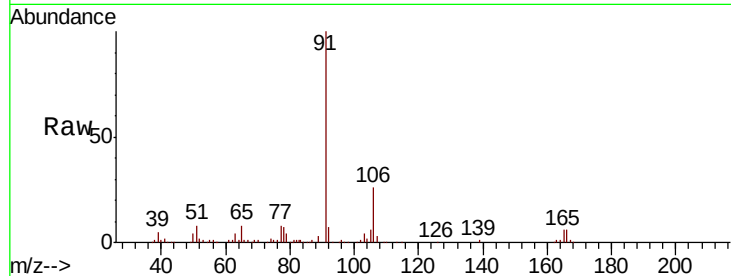




#67
Ethyl Benzene
Concen: 34.167 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

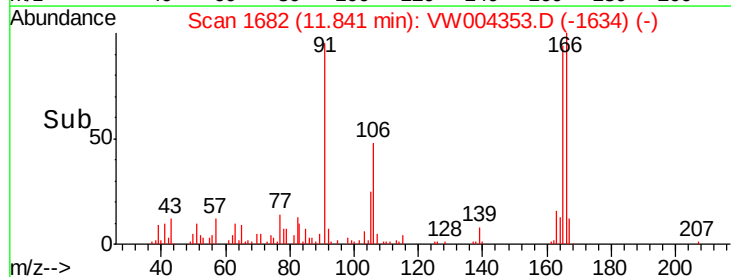
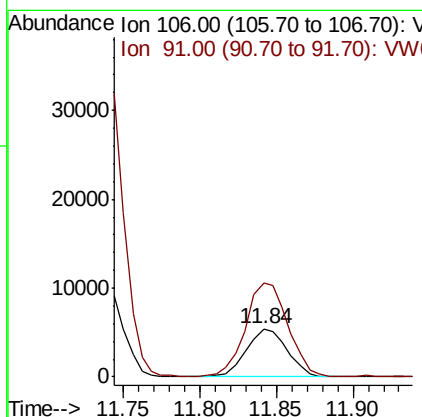
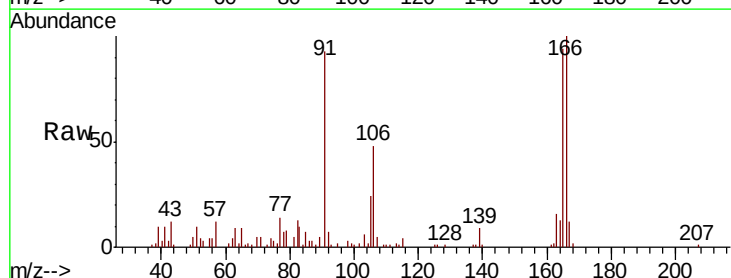
Instrument :
MSVOA_W
ClientSampled :

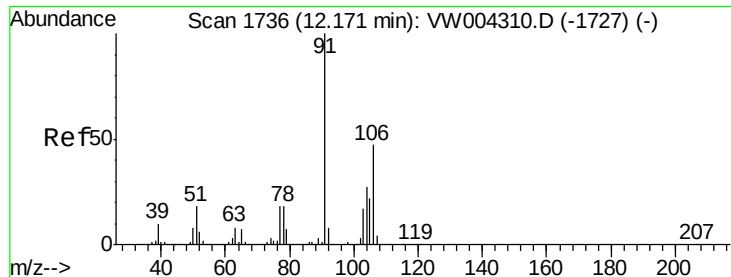
Tot Ion: 91 Resp: 63556
Ion Ratio Lower Upper
91 100
106 26.1 26.1 39.1#



#68
m/p-Xylenes
Concen: 14.039 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion: 106 Resp: 10049
Ion Ratio Lower Upper
106 100
91 200.5 162.2 243.2

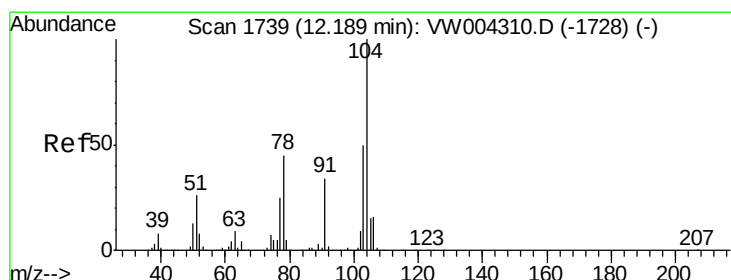
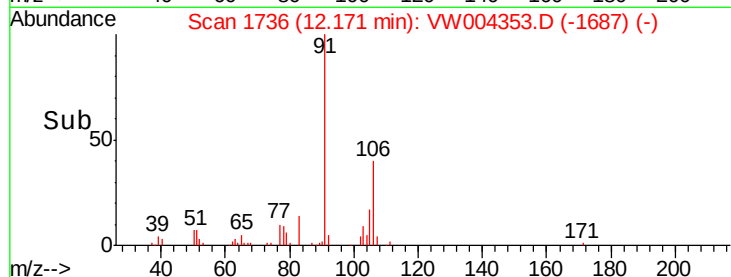
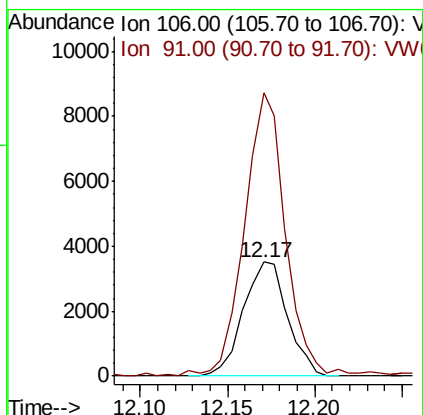
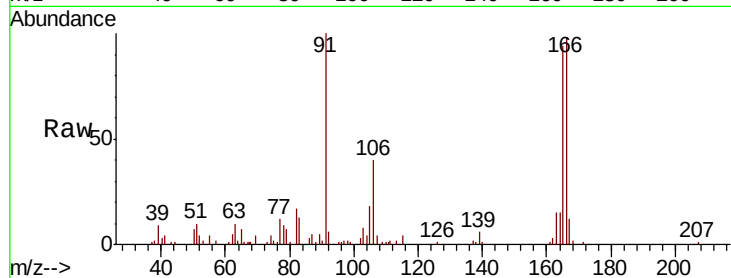




#69
o-Xylene
Concen: 9.326 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

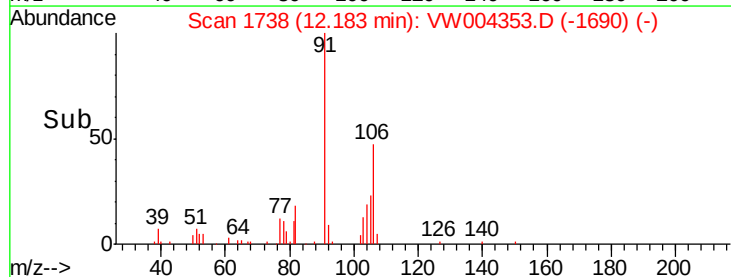
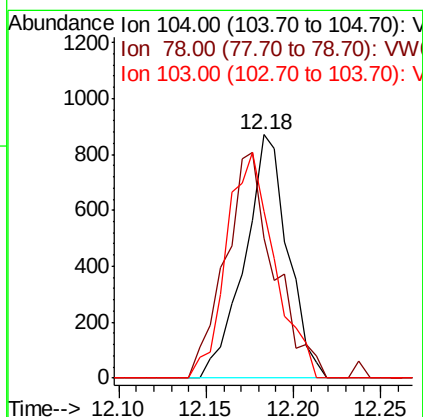
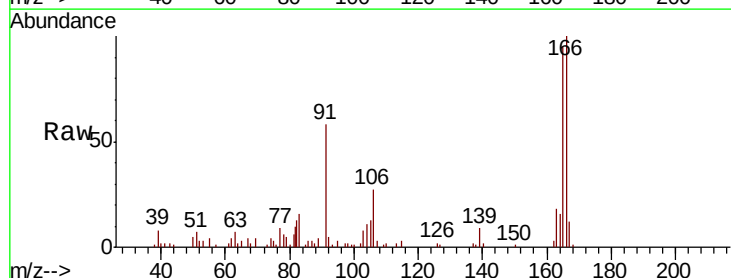
Instrument :
MSVOA_W
ClientSampled :

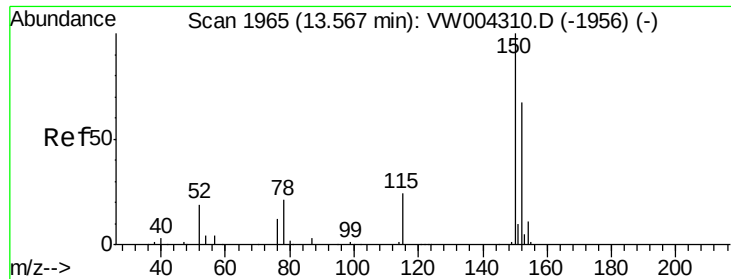
Tot Ion:106 Resp: 6168
Ion Ratio Lower Upper
106 100
91 231.3 108.7 326.1



#70
Styrene
Concen: 1.339 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004353.D
Acq: 30 Jul 2018 10:10

Tgt Ion:104 Resp: 1496
Ion Ratio Lower Upper
104 100
78 104.9 40.9 61.3#
103 102.1 45.0 67.6#

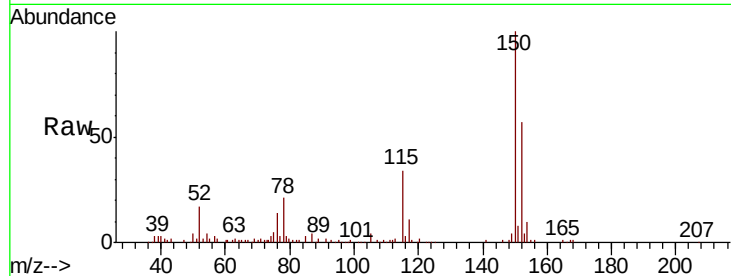




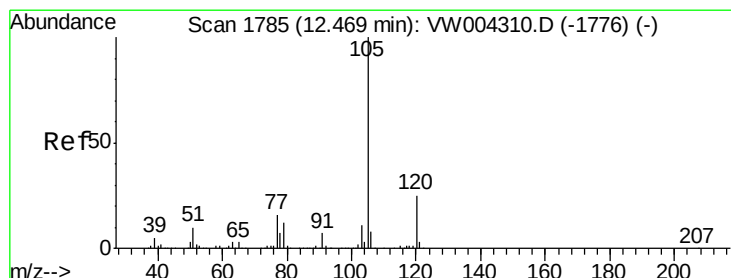
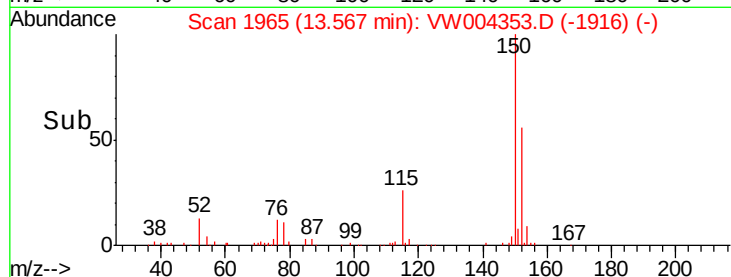
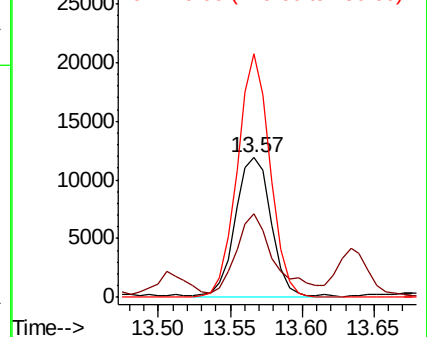
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:152 Resp: 20318
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.4
 150 160.7 0.0 346.4

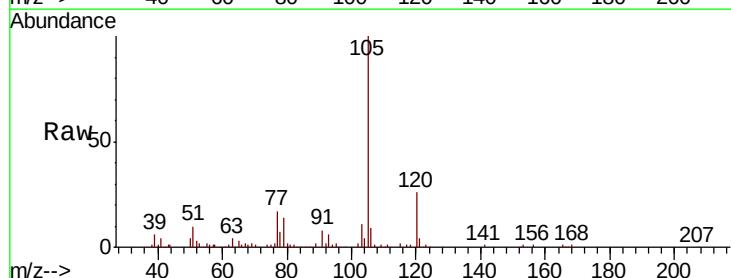


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

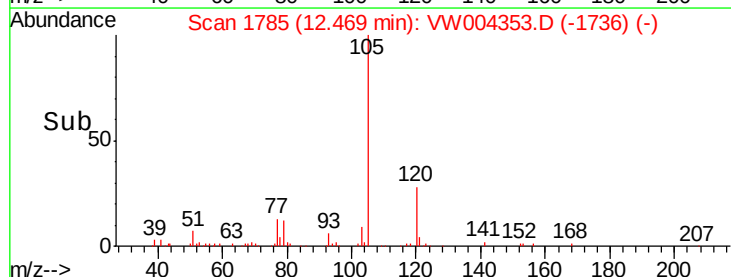
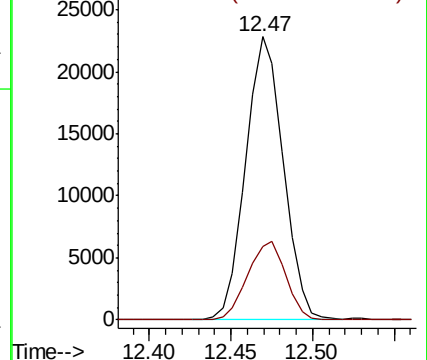


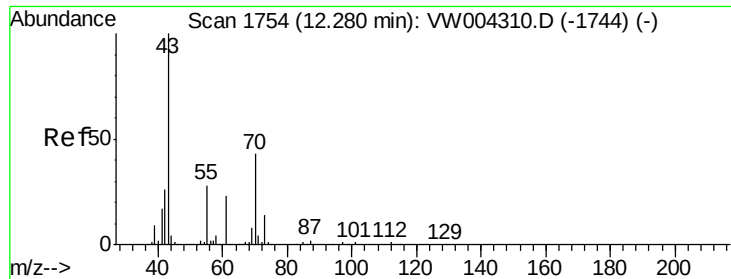
#73
 Isopropylbenzene
 Concen: 26.078 ug/l
 RT: 12.47 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion:105 Resp: 36739
 Ion Ratio Lower Upper
 105 100
 120 28.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.965 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 732

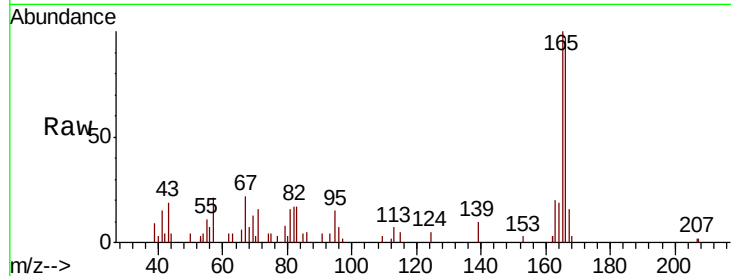
Ion Ratio Lower Upper

43 100

70 28.4 34.2 51.4#

55 0.0 21.8 32.8#

61 0.0 18.9 28.3#

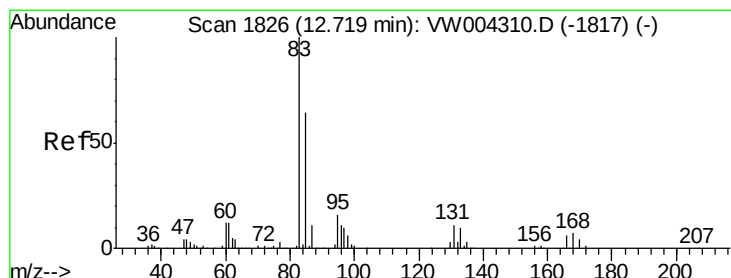
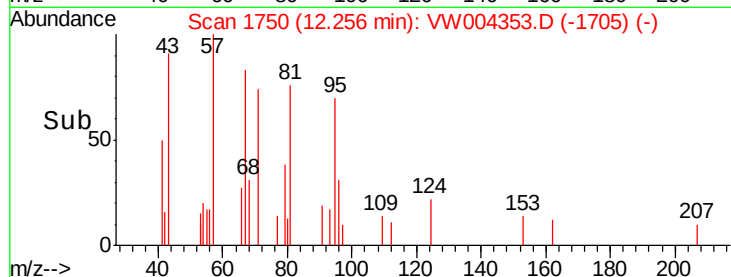
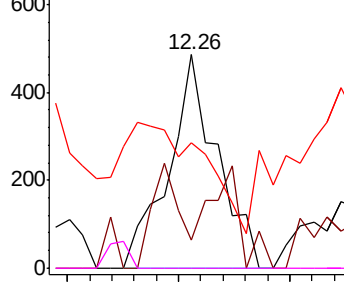


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 2.050 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

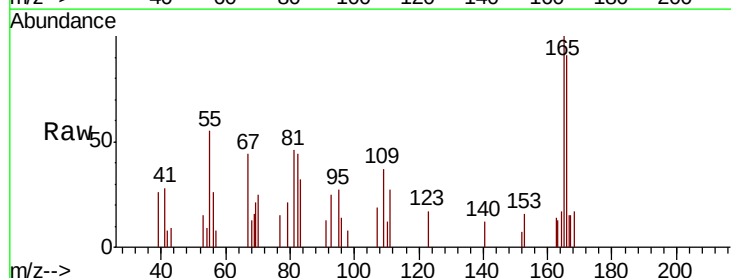
Tgt Ion: 83 Resp: 506

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

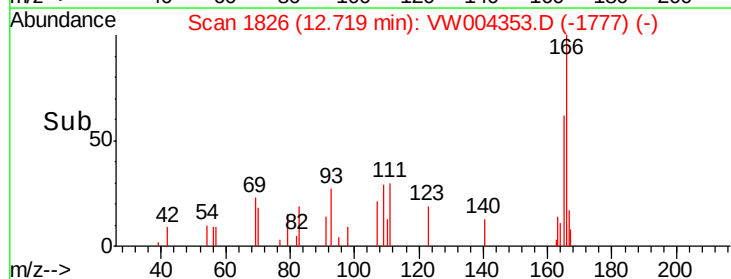
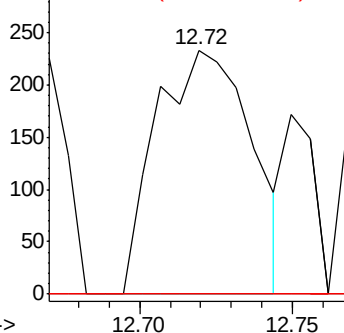
85 0.0 31.9 95.9#

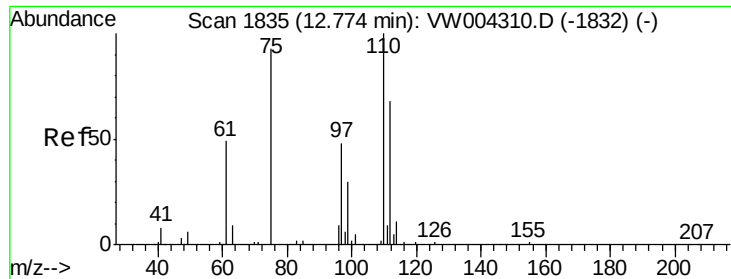


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

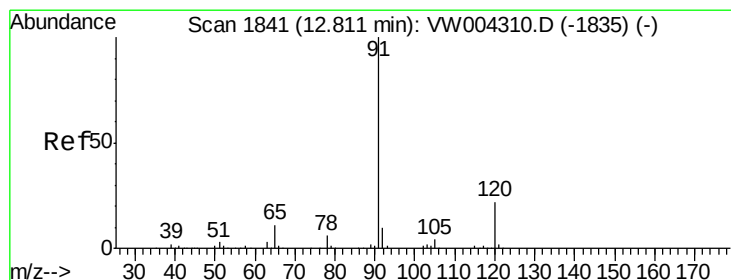
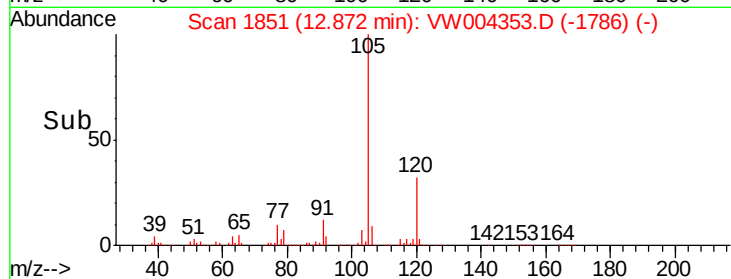
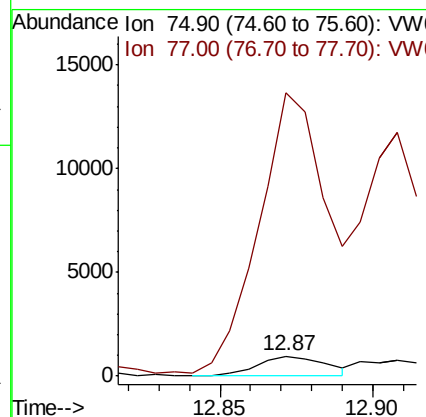
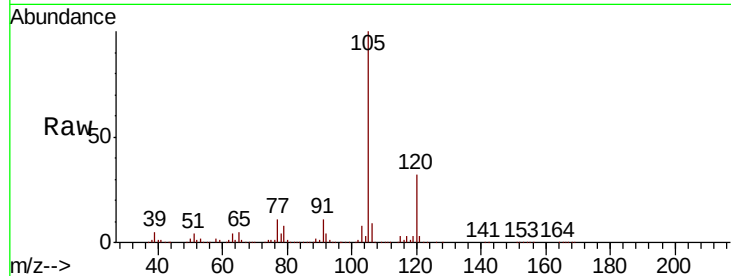




#76
 1,2,3-Trichloropropane
 Concen: 8.127 ug/l
 RT: 12.87 min Scan# 1851
 Delta R.T. 0.10 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

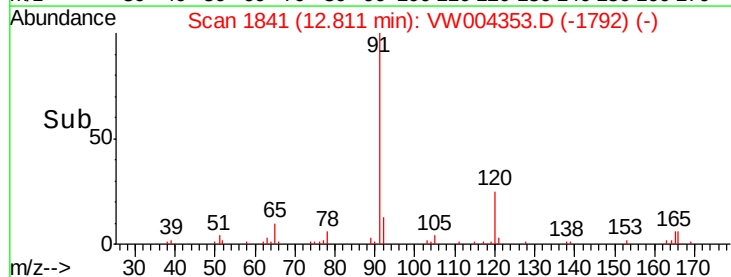
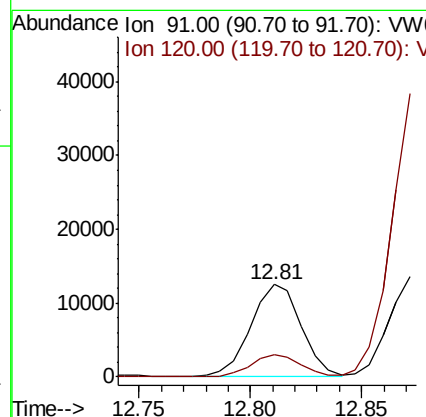
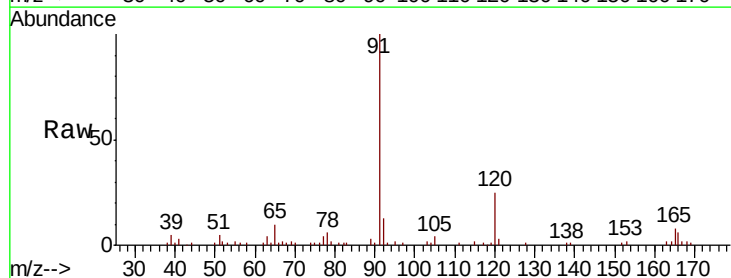
Instrument :
 MSVOA_W
 ClientSampleId :

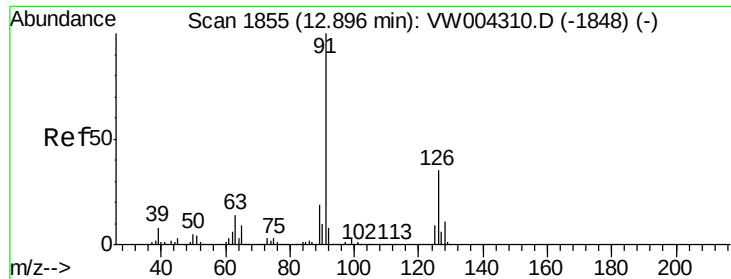
Tot Ion: 75 Resp: 1507
 Ion Ratio Lower Upper
 75 100
 77 1396.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 11.379 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion: 91 Resp: 19530
 Ion Ratio Lower Upper
 91 100
 120 24.7 11.3 33.8

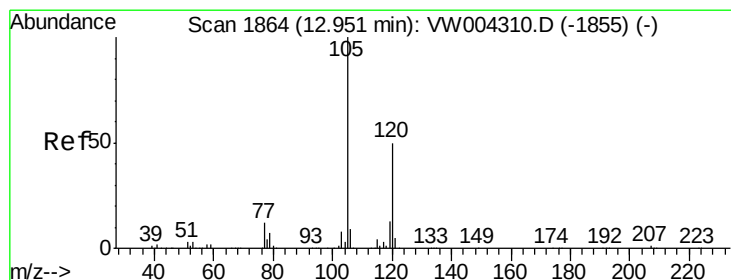
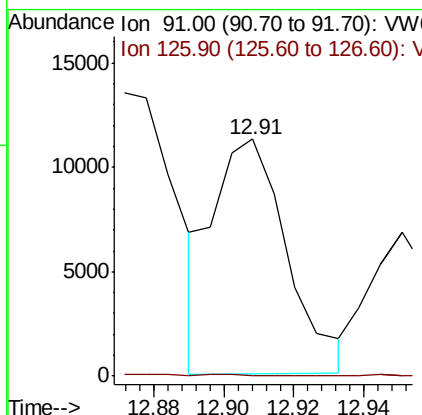
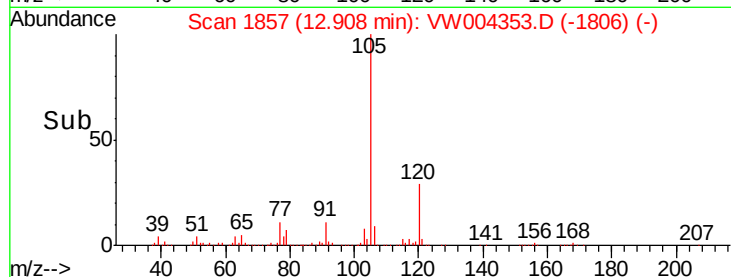
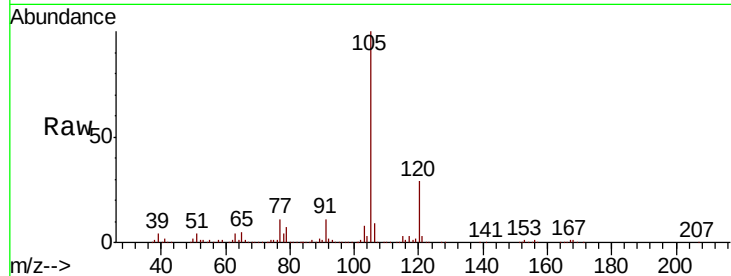




#79
 2-Chlorotoluene
 Concen: 16.829 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

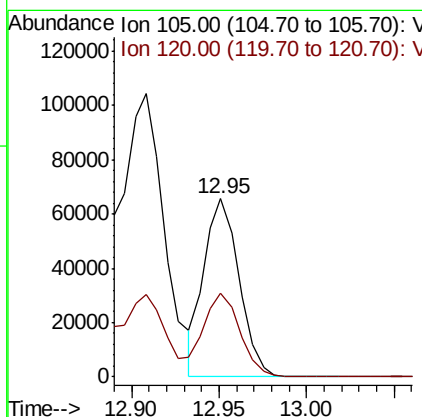
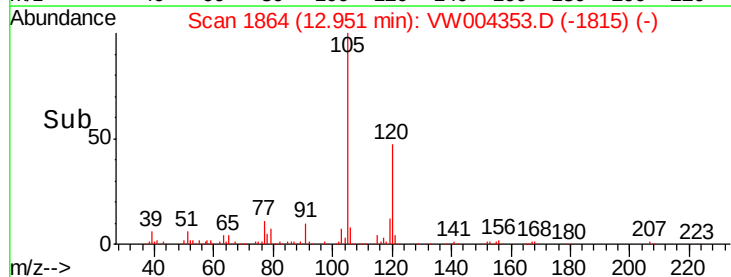
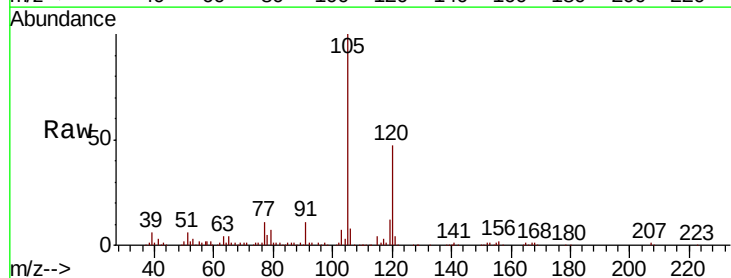
Instrument :
 MSVOA_W
 ClientSampleId :

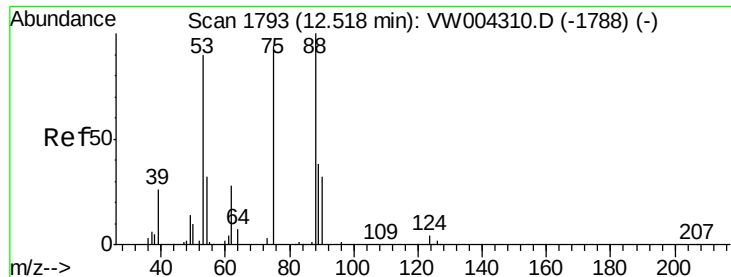
Tot Ion: 91 Resp: 16520
 Ion Ratio Lower Upper
 91 100
 126 0.3 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 75.495 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion: 105 Resp: 91626
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 6.161 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampled :

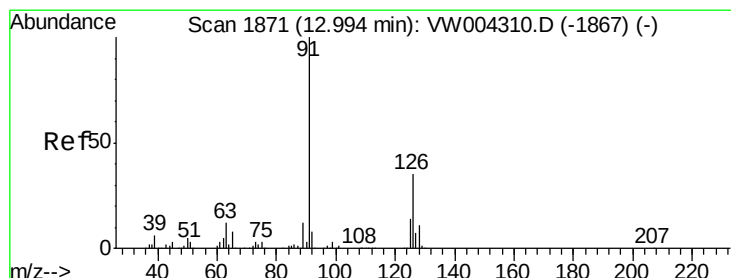
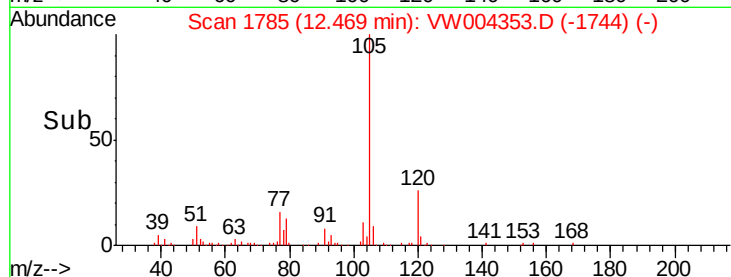
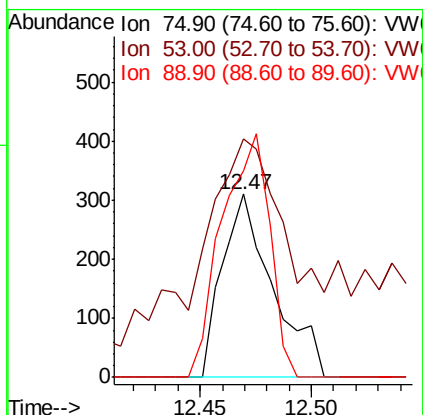
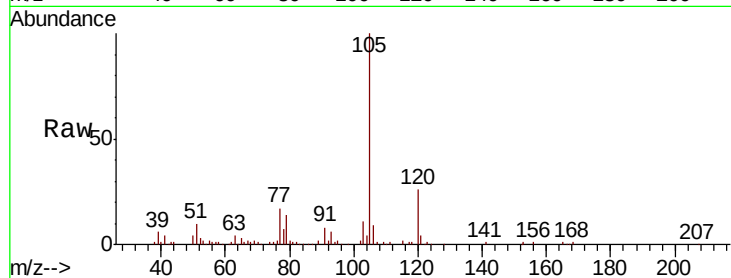
Tot Ion: 75 Resp: 491

Ion Ratio Lower Upper

75 100

53 188.0 77.6 116.4#

89 125.3 36.0 54.0#



#82

4-Chlorotoluene

Concen: 8.843 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004353.D

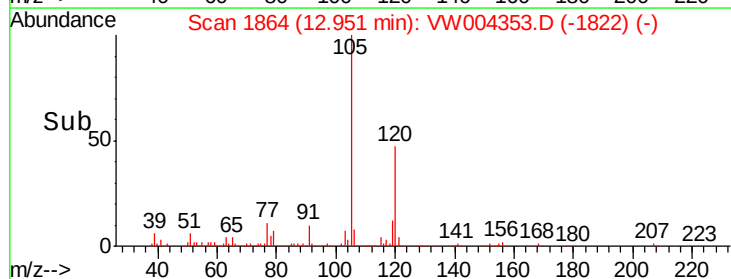
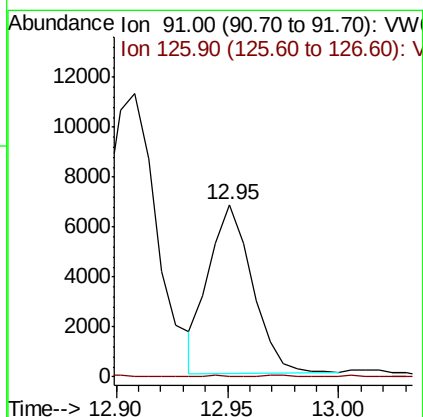
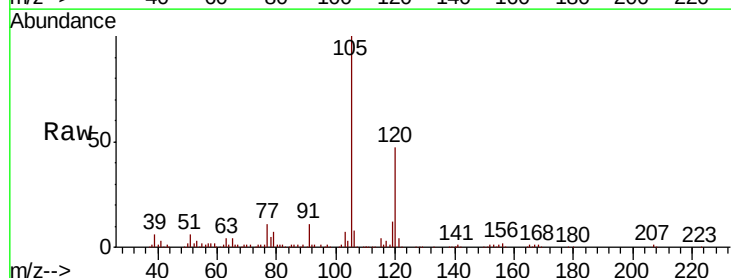
Acq: 30 Jul 2018 10:10

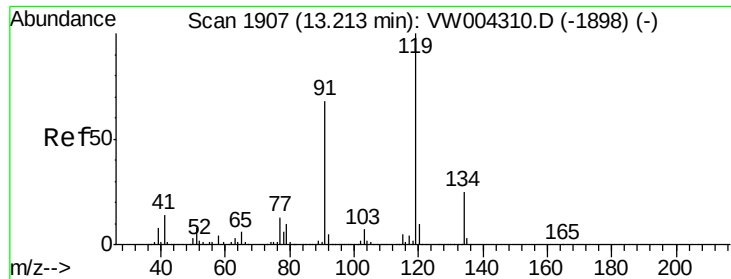
Tgt Ion: 91 Resp: 9186

Ion Ratio Lower Upper

91 100

126 0.3 17.4 52.3#

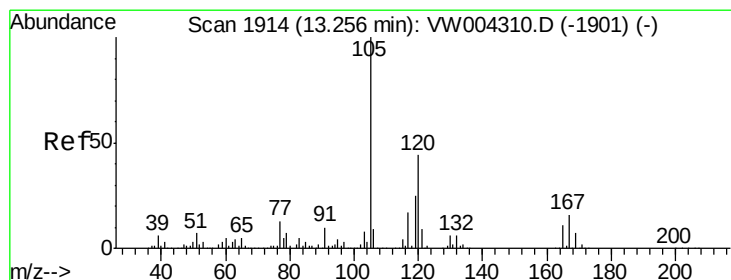
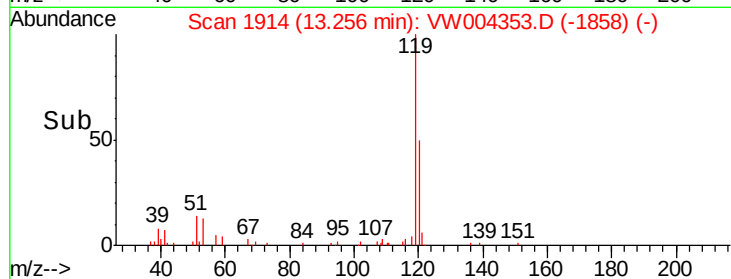
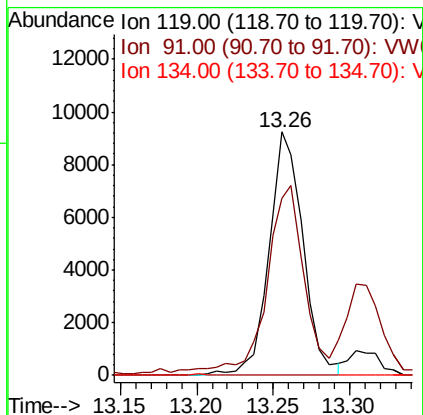
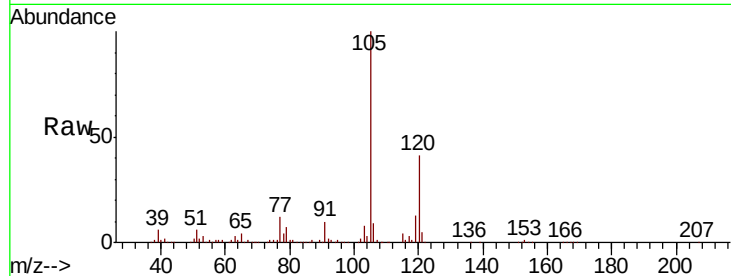




#83
 tert-Butylbenzene
 Concen: 14.091 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.04 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

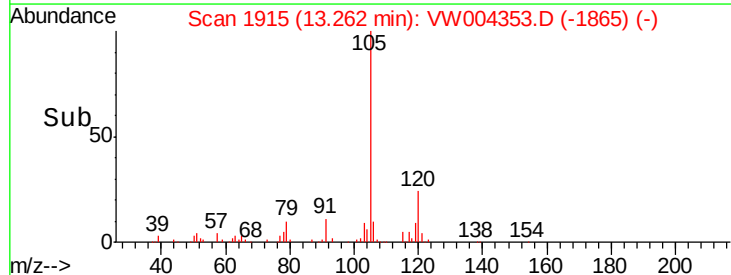
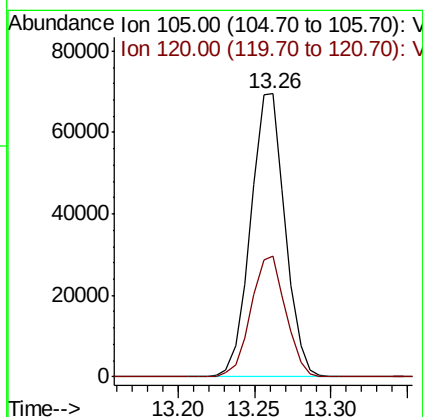
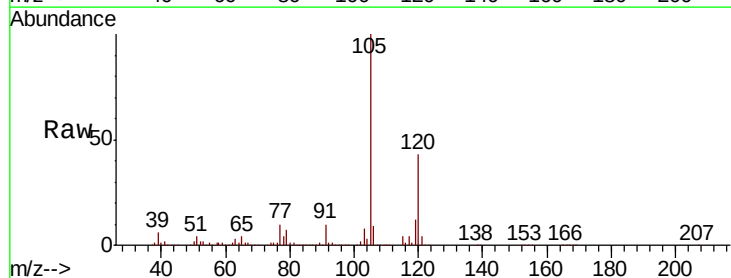
Instrument :
 MSVOA_W
 ClientSampleId :

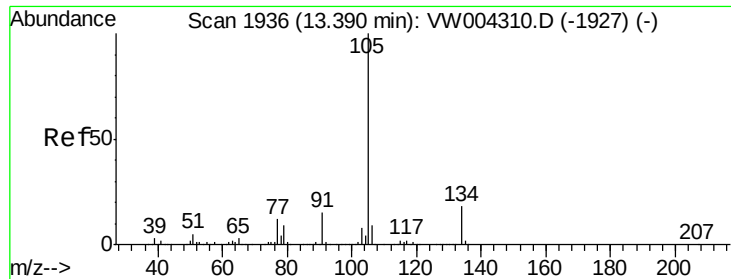
Tot Ion:119 Resp: 14247
 Ion Ratio Lower Upper
 119 100
 91 82.3 32.8 98.3
 134 0.0 12.2 36.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 87.913 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion:105 Resp: 108818
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.7 68.0

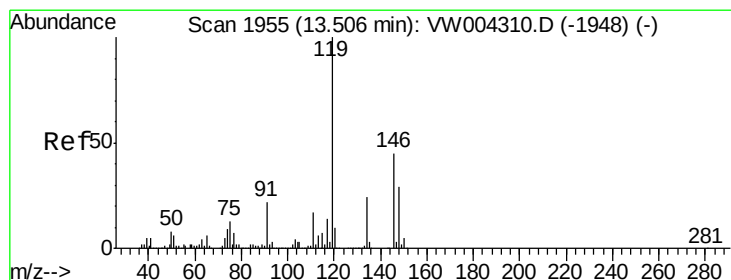
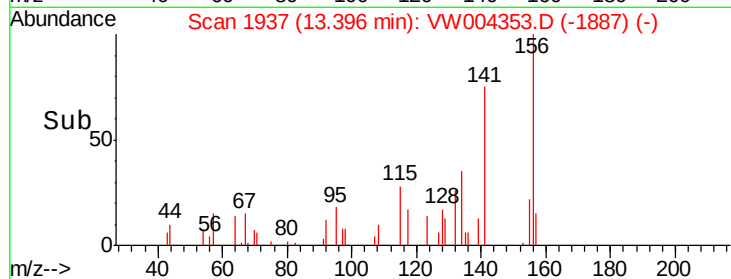
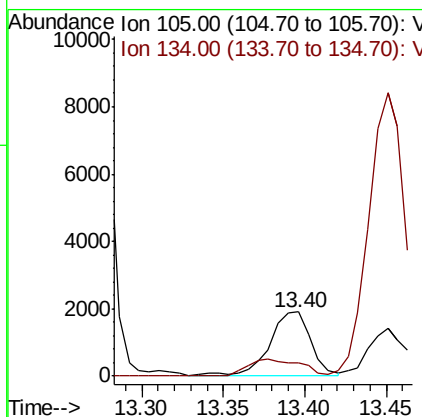
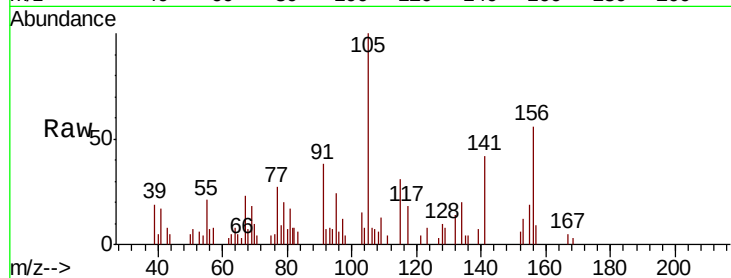




#85
 sec-Butylbenzene
 Concen: 2.266 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

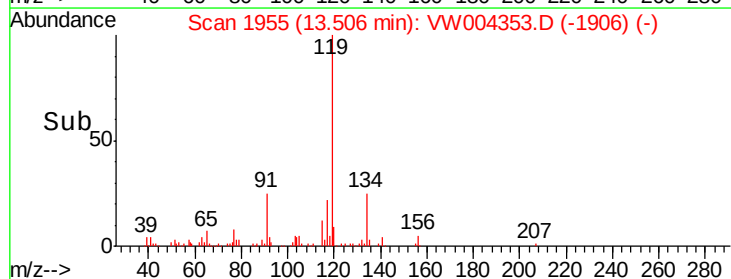
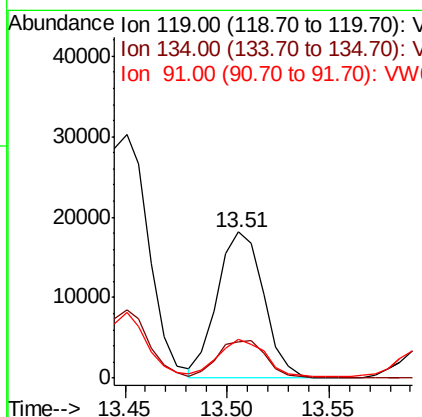
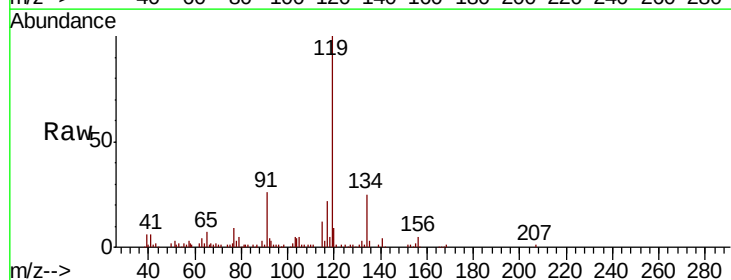
Instrument :
 MSVOA_W
 ClientSampleID :

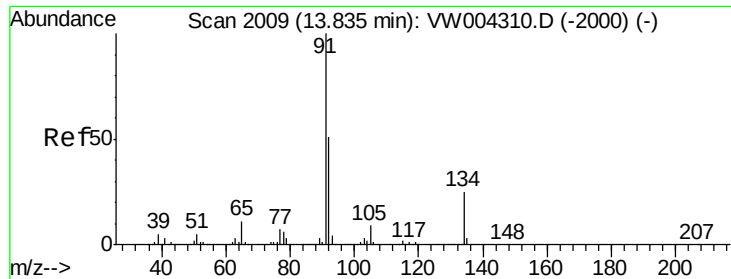
Tot Ion:105 Resp: 3346
 Ion Ratio Lower Upper
 105 100
 134 34.9 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 21.616 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion:119 Resp: 28673
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.6 37.8
 91 26.2 11.3 33.9





#89

n-Butylbenzene

Concen: 62.827 ug/l

RT: 13.80 min Scan# 2003

Delta R.T. -0.04 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA_W

ClientSampled :

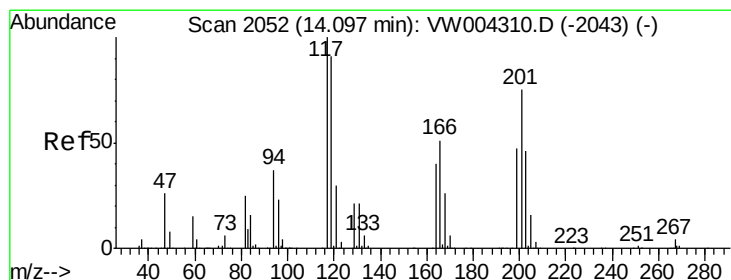
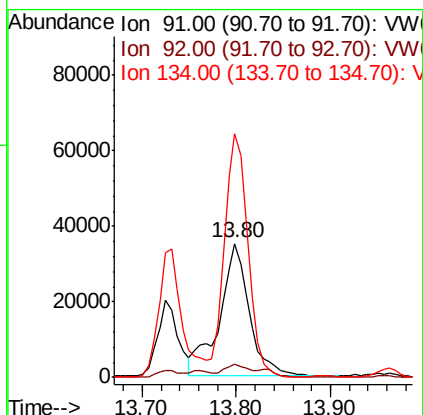
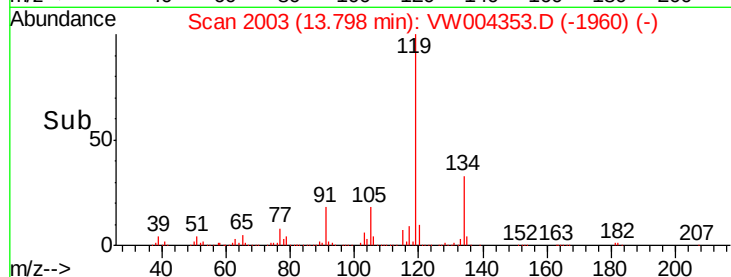
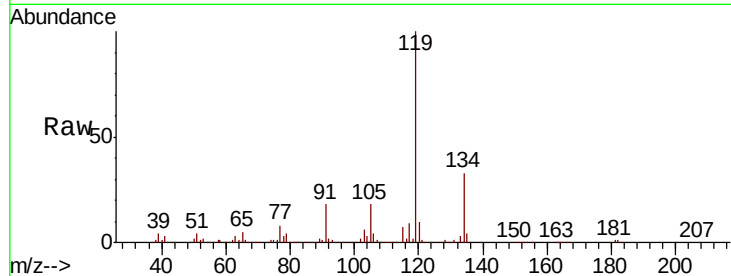
Tot Ion: 91 Resp: 77821

Ion Ratio Lower Upper

91 100

92 4.4 26.4 79.2#

134 143.6 12.9 38.6#



#90

Hexachloroethane

Concen: 90.341 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004353.D

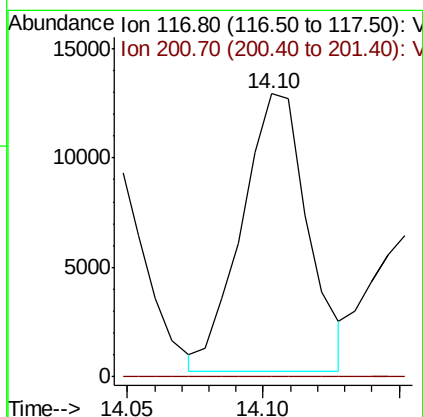
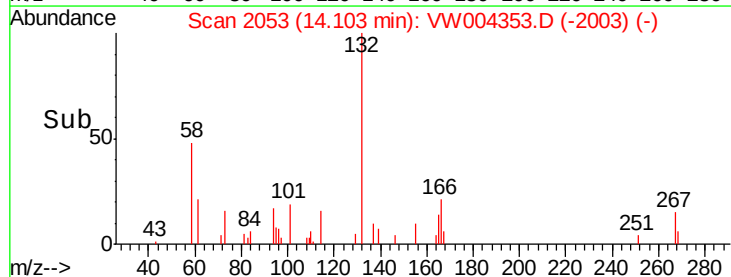
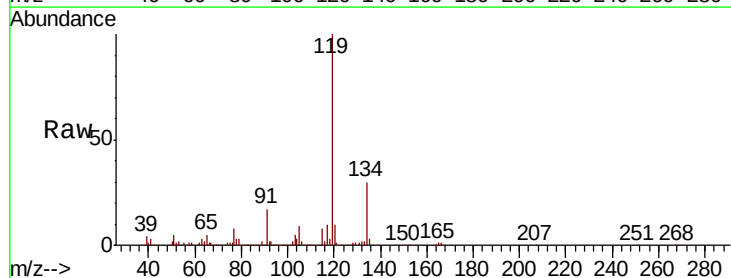
Acq: 30 Jul 2018 10:10

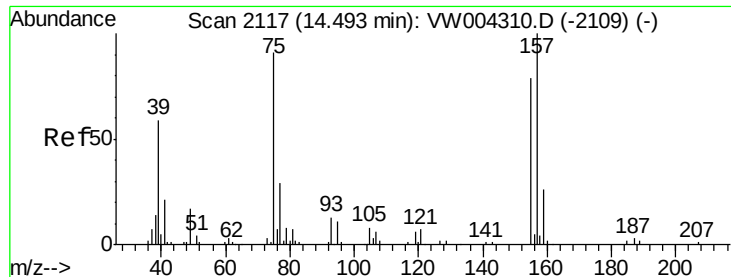
Tgt Ion: 117 Resp: 21373

Ion Ratio Lower Upper

117 100

201 0.0 41.5 124.5#

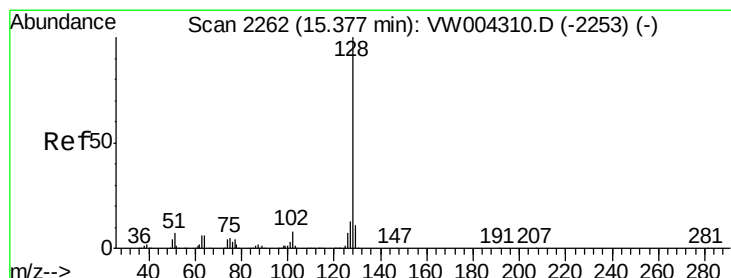
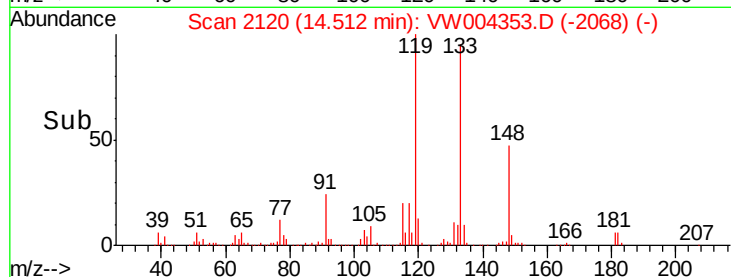
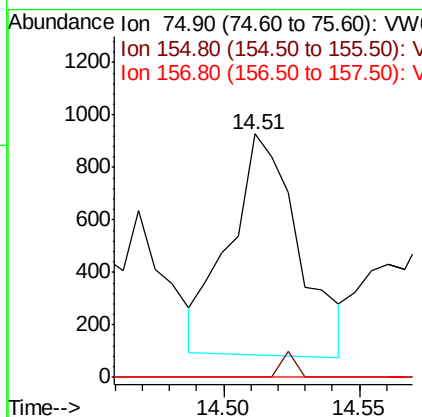
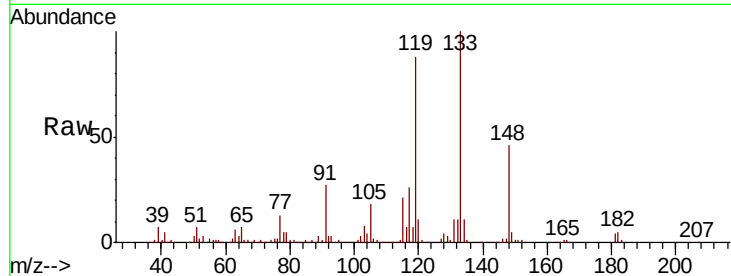




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 34.470 ug/l
 RT: 14.51 min Scan# 2120
 Delta R.T. 0.02 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 1485
 Ion Ratio Lower Upper
 75 100
 155 2.4 41.4 124.4#
 157 0.0 55.2 165.6#



#95
 Naphthalene
 Concen: 563.069 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW004353.D
 Acq: 30 Jul 2018 10:10

Tgt Ion: 128 Resp: 414837
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 12.6 8.6 13.0

