

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004328.D
 Acq On : 29 Jul 2018 21:41
 Operator : SY/AP
 Sample : J4109-03
 Misc : 8.21G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:35:32 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	42549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	59948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20481	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	26332	61.35	ug/l	0.00
Spiked Amount			Recovery	=	122.70%	
35) Dibromofluoromethane	7.88	113	23199	61.24	ug/l	0.00
Spiked Amount			Recovery	=	122.48%	
50) Toluene-d8	10.33	98	73212	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.62	95	26056	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.34	50	29	Below Cal	#	44
5) Bromomethane	2.63	94	19	Below Cal		91
6) Chloroethane	2.89	64	22	Below Cal	#	45
11) Tert butyl alcohol	5.14	59	20	Below Cal	#	72
13) Acrolein	3.90	56	202	9.304	ug/l	94
14) Allyl chloride	4.77	41	32	1.556	ug/l #	1
16) Acetone	4.12	43	17861	174.352	ug/l	98
17) Carbon Disulfide	4.37	76	5266	4.588	ug/l	95
18) Methyl Acetate	4.68	43	1481	6.963	ug/l #	54
25) 2-Butanone	7.18	43	5847	49.051	ug/l	99
26) 2,2-Dichloropropane	7.14	77	681	1.415	ug/l #	52
31) Cyclohexane	7.95	56	1436	1.960	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	3506	5.846	ug/l #	52
37) Ethyl Acetate	7.18	43	5847	23.792	ug/l #	69
38) Carbon Tetrachloride	7.95	117	4093	6.912	ug/l #	19
39) Methylcyclohexane	9.34	83	1348	1.865	ug/l #	88
40) Benzene	8.32	78	90950	53.910	ug/l	99
41) Methacrylonitrile	7.51	41	20	2.216	ug/l #	26
42) 1,2-Dichloroethane	8.32	62	796	1.650	ug/l #	75
52) Toluene	10.39	92	7540	7.118	ug/l	97
65) Chlorobenzene	11.81	112	1353	1.070	ug/l #	44
67) Ethyl Benzene	11.74	91	185324	84.062	ug/l	99
68) m/p-Xylenes	11.84	106	45108	53.172	ug/l	99
69) o-Xylene	12.17	106	26857	34.263	ug/l	99
70) Styrene	12.18	104	4469	3.375	ug/l #	9
73) Isopropylbenzene	12.47	105	52676	37.092	ug/l	100
74) N-amyl acetate	12.26	43	592	3.551	ug/l #	56
76) 1,2,3-Trichloropropane	12.88	75	844	4.515	ug/l #	100
77) Bromobenzene	12.58	156	8884	25.891	ug/l #	1
78) n-propylbenzene	12.81	91	20527	11.865	ug/l	99
79) 2-Chlorotoluene	12.91	91	13385	13.526	ug/l	83
80) 1,3,5-Trimethylbenzene	12.95	105	109669	89.642	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.47	75	908	11.303	ug/l #	60
82) 4-Chlorotoluene	12.91	91	13385	12.783	ug/l	81

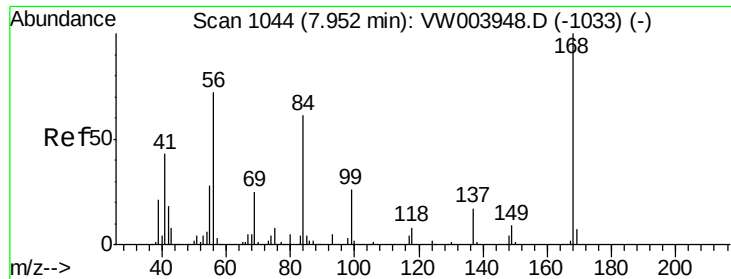
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004328.D
 Acq On : 29 Jul 2018 21:41
 Operator : SY/AP
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	28494	27.957	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.26	105	220372	176.619	ug/l	100
85) sec-Butylbenzene	13.26	105	220372	148.023	ug/l #	58
86) p-Isopropyltoluene	13.51	119	20959	15.675	ug/l #	77
89) n-Butylbenzene	13.77	91	326182	261.240	ug/l #	43
90) Hexachloroethane	14.10	117	6795	28.493	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.50	75	5435	125.155	ug/l #	1
95) Naphthalene	15.38	128	10910884	14691.774	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

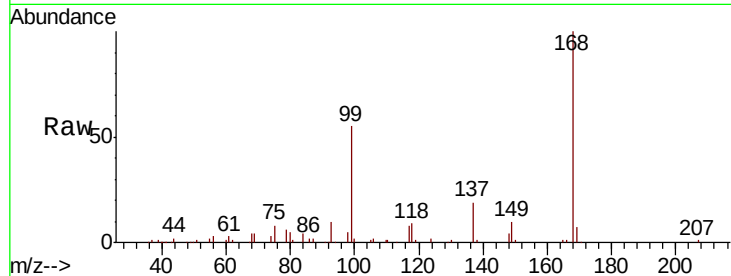
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 42549

Ion Ratio Lower Upper

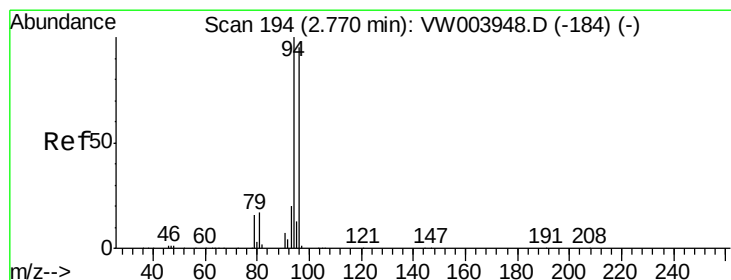
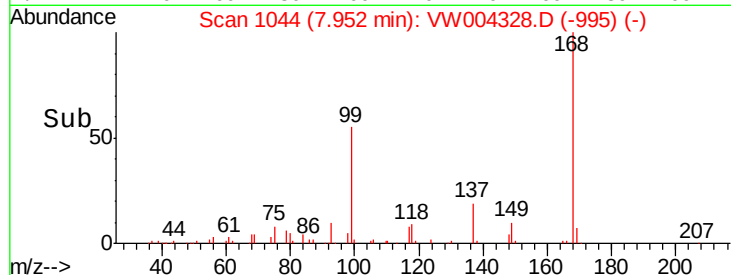
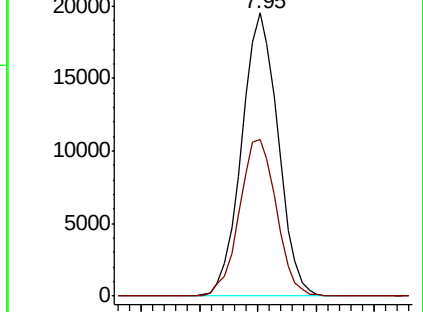
168 100

99 55.2 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: 2.63 min Scan# 171

Delta R.T. -0.15 min

Lab File: VW004328.D

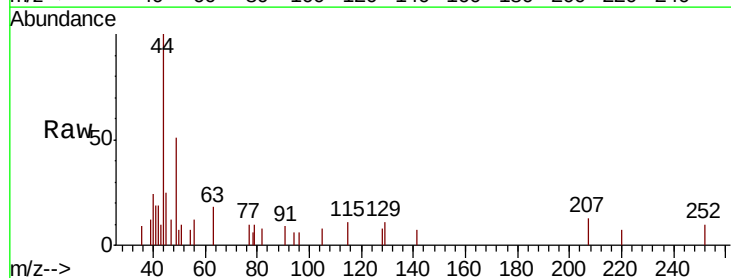
Acq: 29 Jul 2018 21:41

Tgt Ion: 94 Resp: 19

Ion Ratio Lower Upper

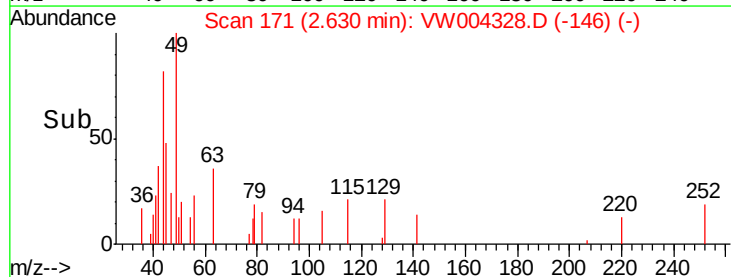
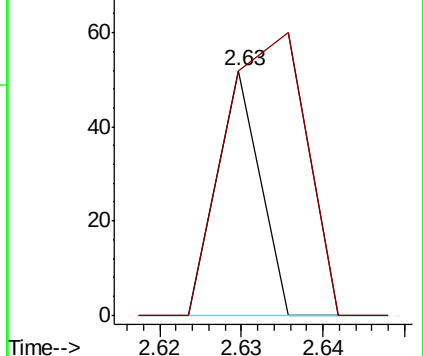
94 100

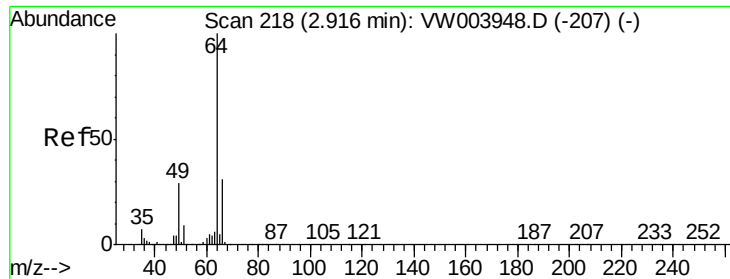
96 100.0 73.3 109.9



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: 2.89 min Scan# 214

Delta R.T. -0.03 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

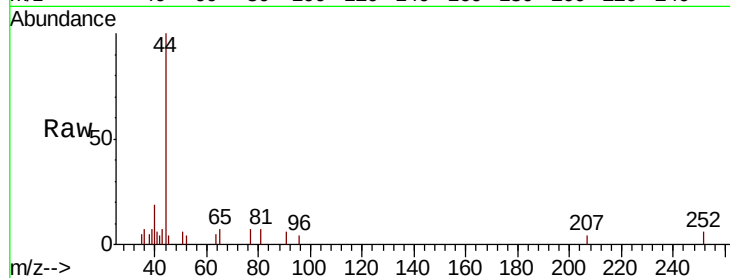
ClientSampleId :

Tot Ion: 64 Resp: 22

Ion Ratio Lower Upper

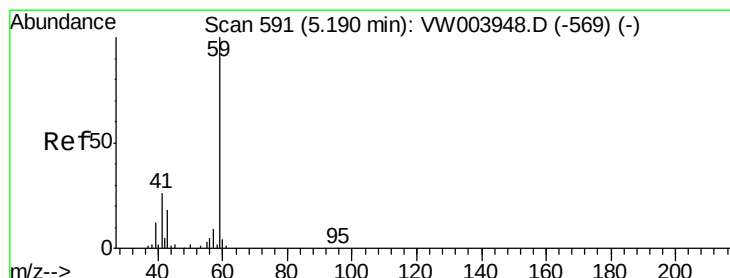
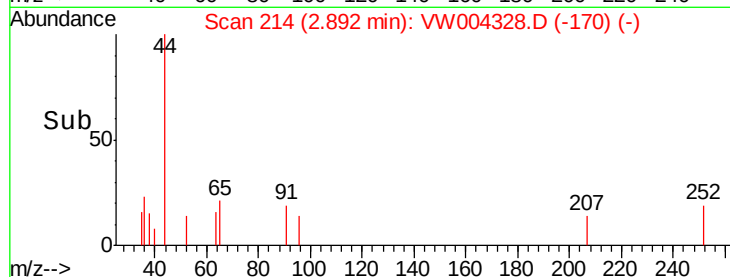
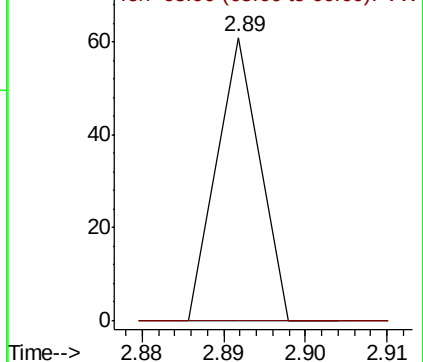
64 100

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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 582

Delta R.T. -0.04 min

Lab File: VW004328.D

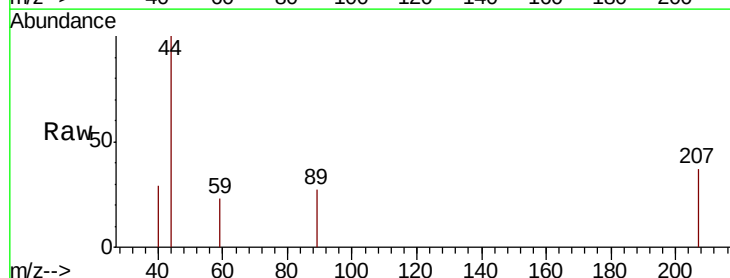
Acq: 29 Jul 2018 21:41

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

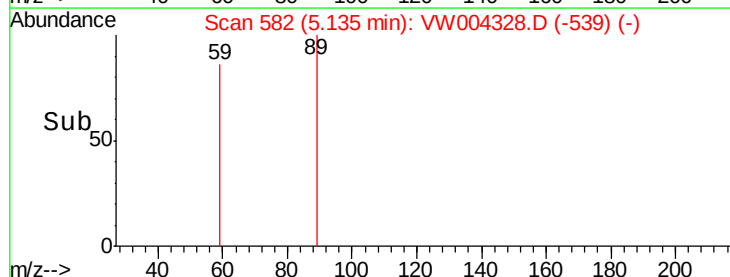
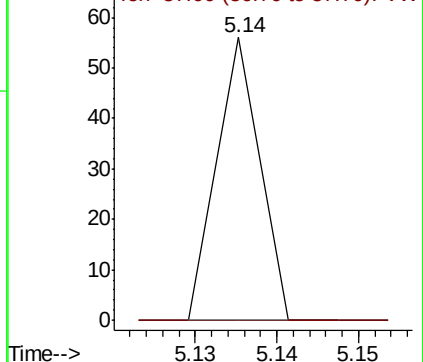
59 100

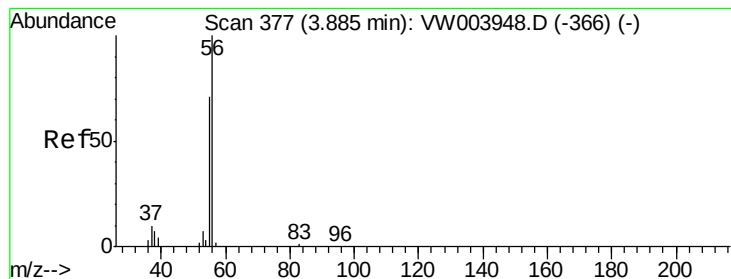
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 9.304 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

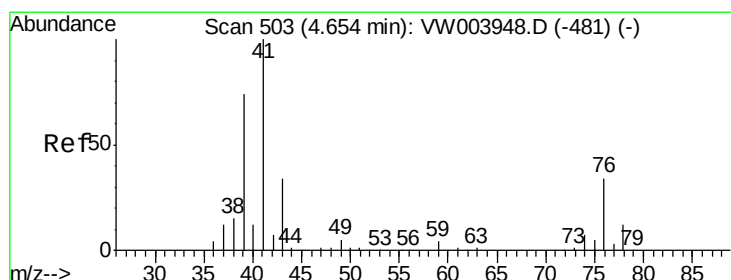
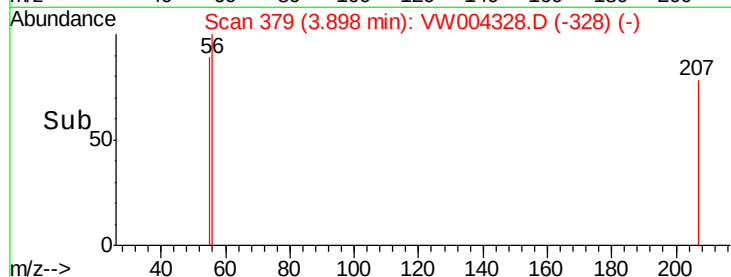
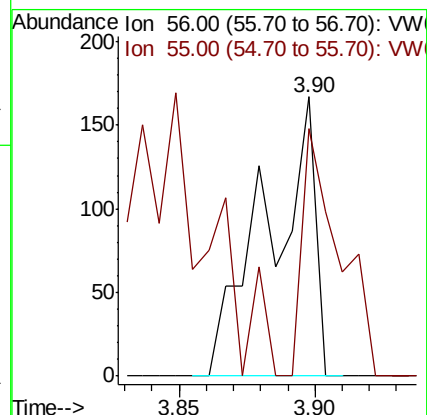
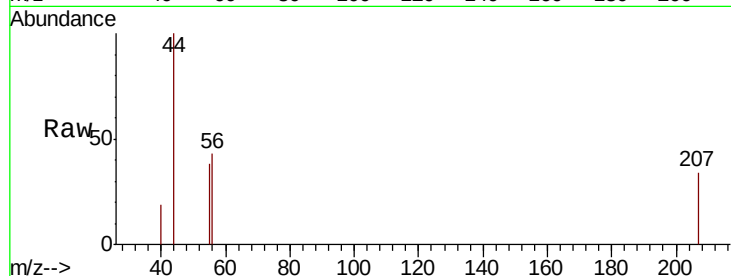
ClientSampleId :

Tot Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

55 68.8 59.4 89.2



#14

Allyl chloride

Concen: 1.556 ug/l

RT: 4.77 min Scan# 522

Delta R.T. 0.10 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

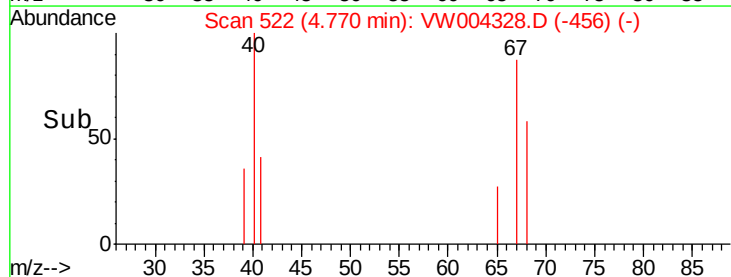
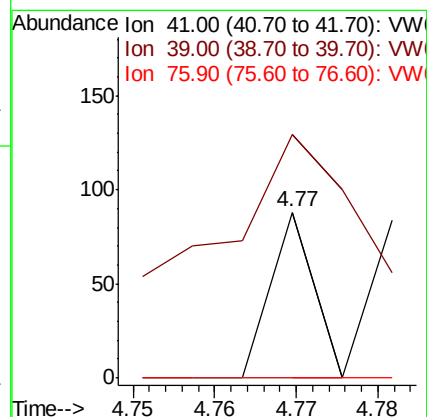
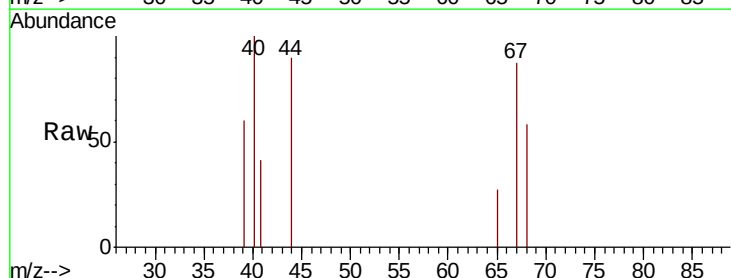
Tgt Ion: 41 Resp: 32

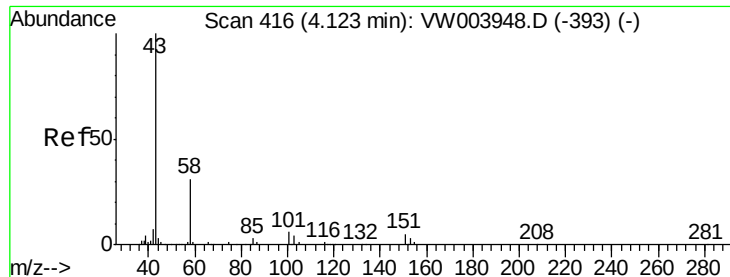
Ion Ratio Lower Upper

41 100

39 796.9 52.3 78.5#

76 0.0 27.3 40.9#





#16

Acetone

Concen: 174.352 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

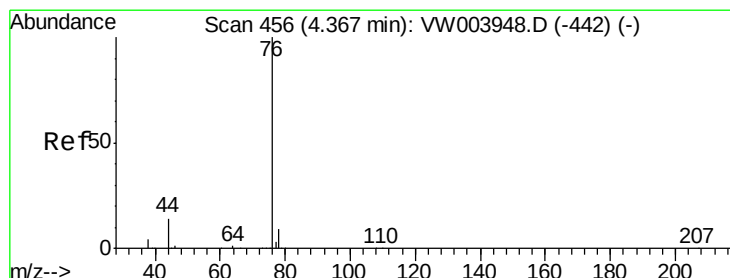
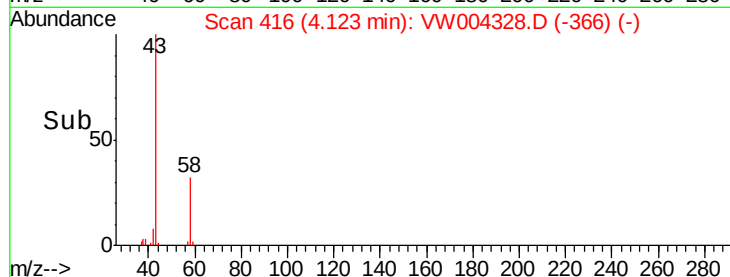
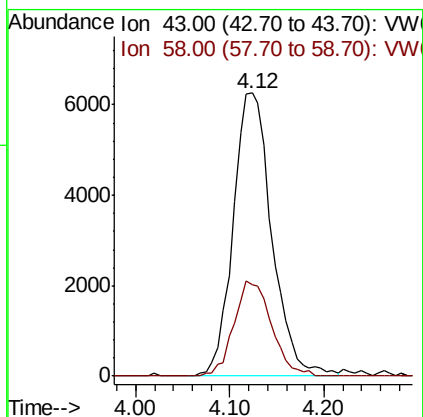
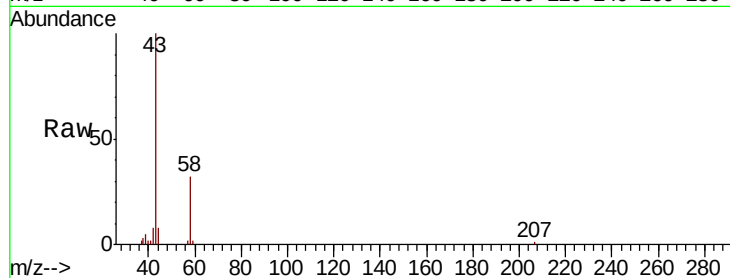
ClientSampled :

Tot Ion: 43 Resp: 17861

Ion Ratio Lower Upper

43 100

58 32.3 24.8 37.2



#17

Carbon Disulfide

Concen: 4.588 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004328.D

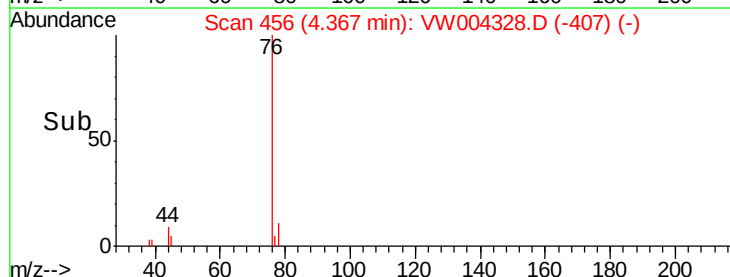
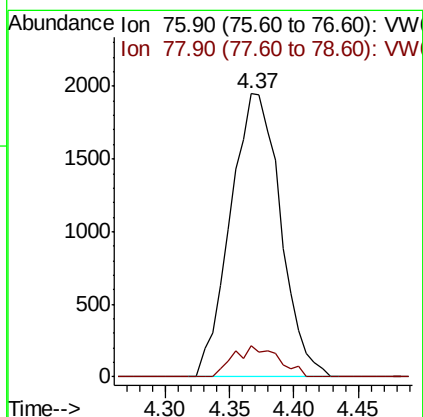
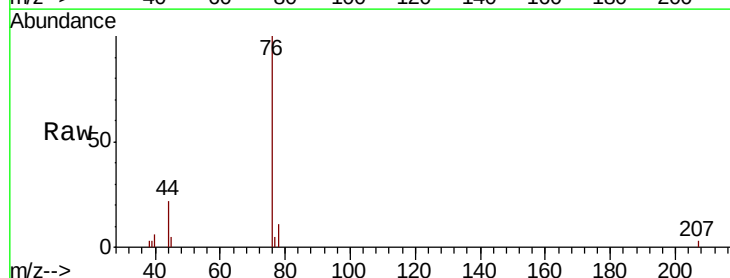
Acq: 29 Jul 2018 21:41

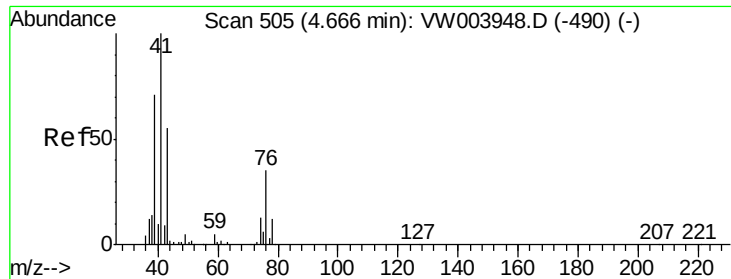
Tgt Ion: 76 Resp: 5266

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0

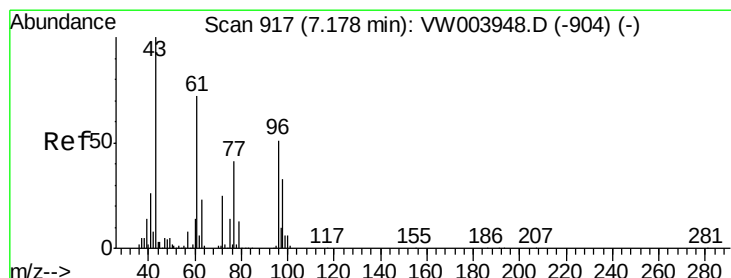
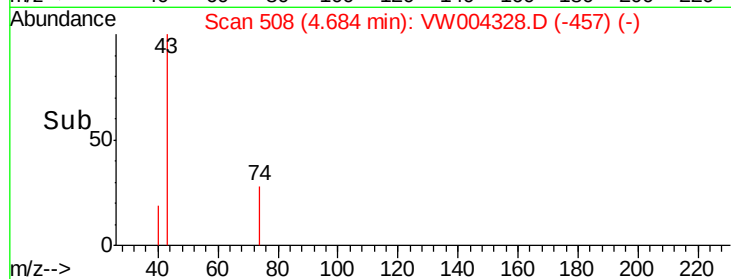
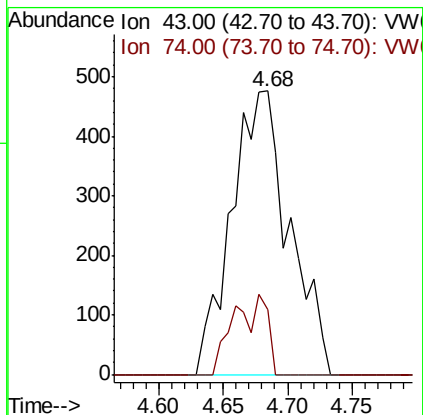
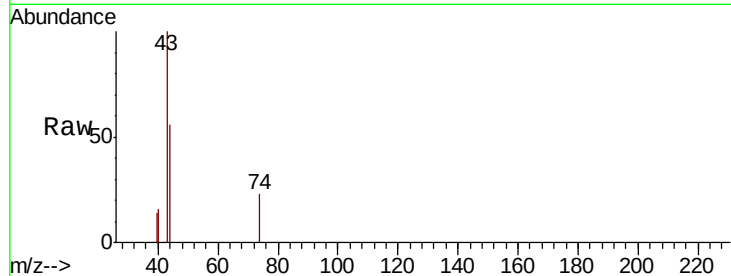




#18
Methvl Acetate
Concen: 6.963 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.01 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

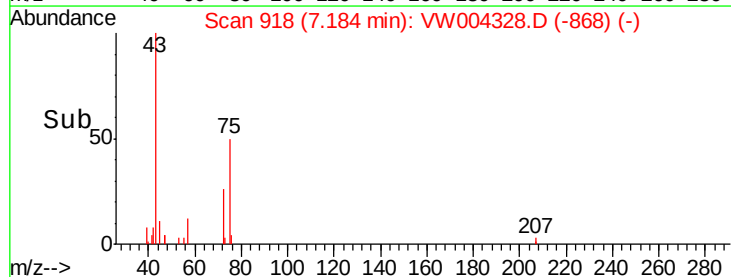
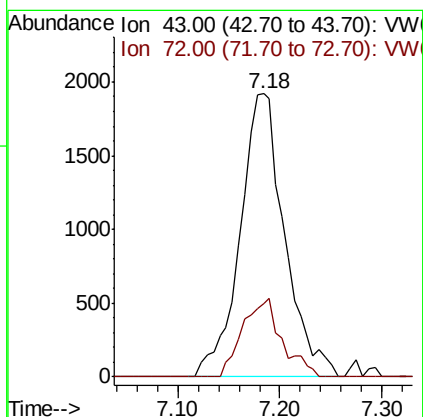
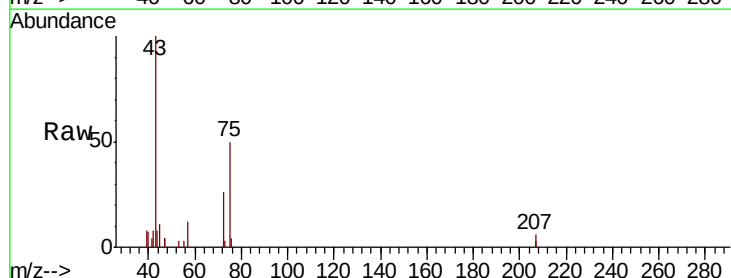
Instrument :
MSVOA_W
ClientSampled :

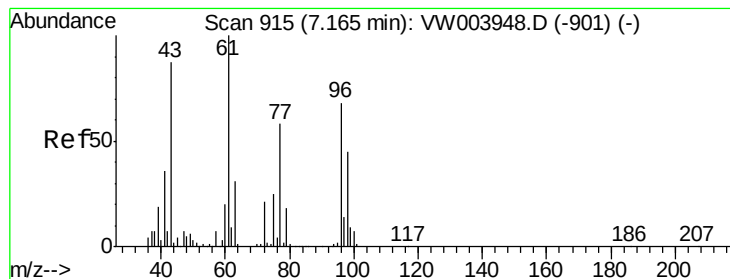
Tot Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#25
2-Butanone
Concen: 49.051 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 43 Resp: 5847
Ion Ratio Lower Upper
43 100
72 25.8 20.3 30.5





#26

2,2-Dichloropropane

Concen: 1.415 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.02 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

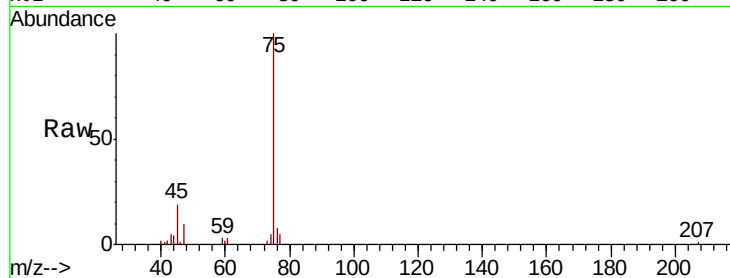
ClientSampleId :

Tot Ion: 77 Resp: 681

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.14

300

250

200

150

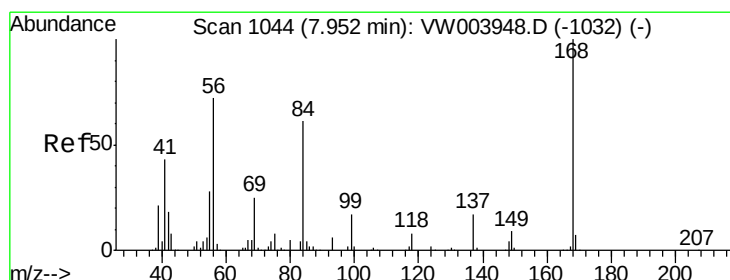
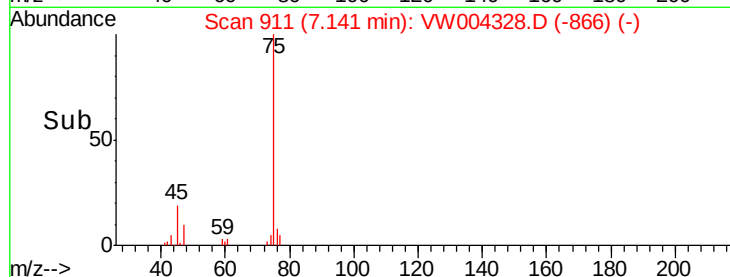
100

50

0

7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.960 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

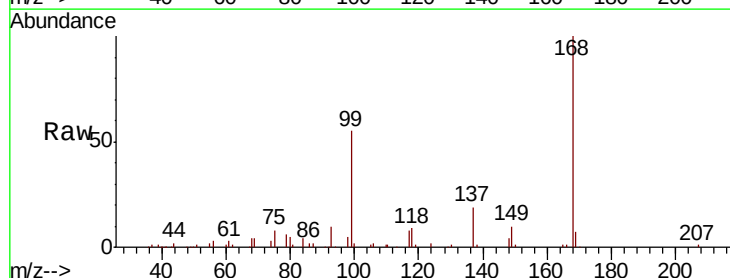
Tgt Ion: 56 Resp: 1436

Ion Ratio Lower Upper

56 100

69 138.3 26.3 39.5#

84 126.4 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

1000

800

600

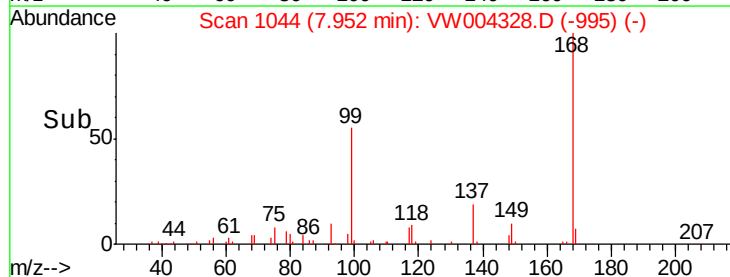
400

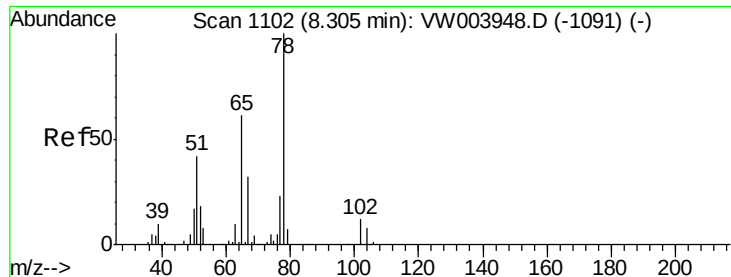
200

0

7.85 7.90 7.95 8.00

Time-->

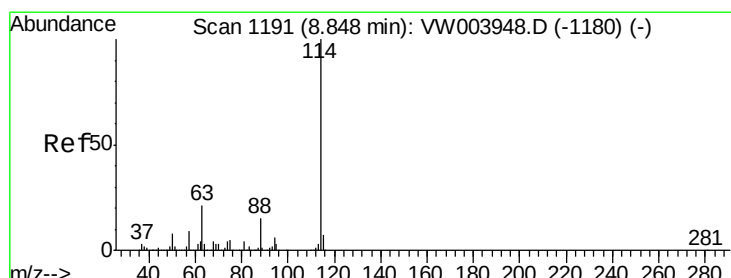
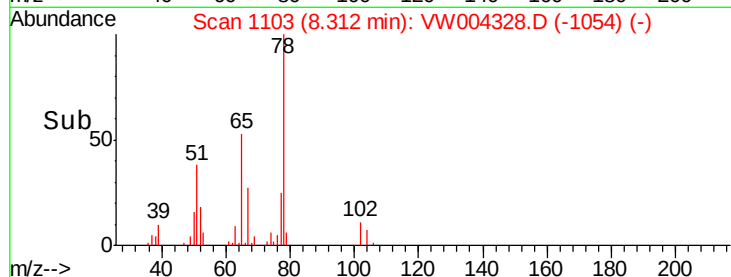
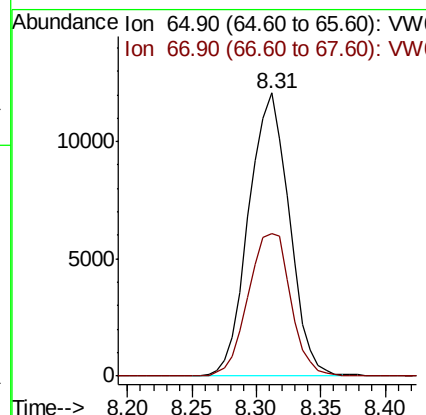
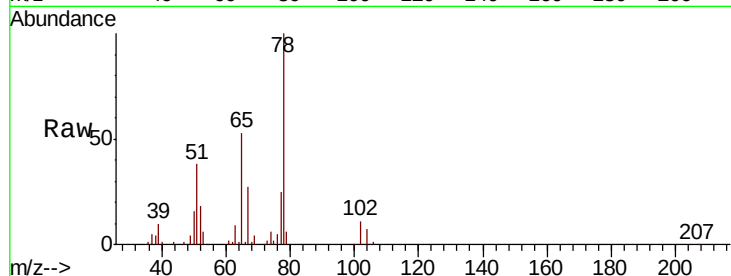




#33
 1,2-Dichloroethane-d4
 Concen: 61.351 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

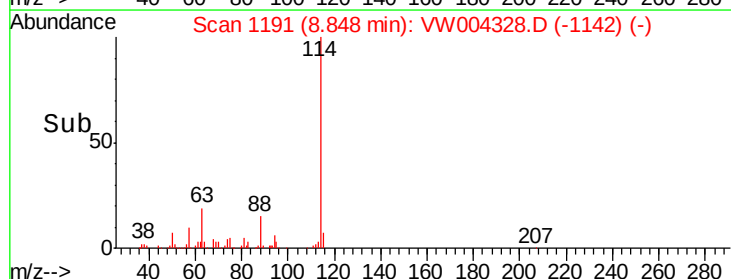
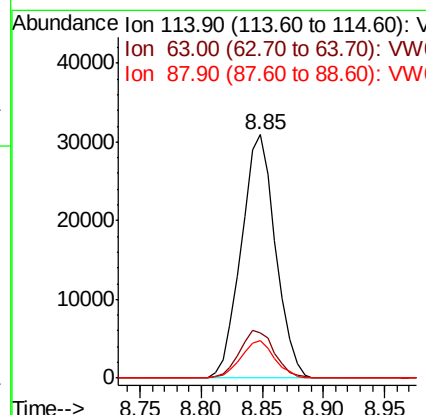
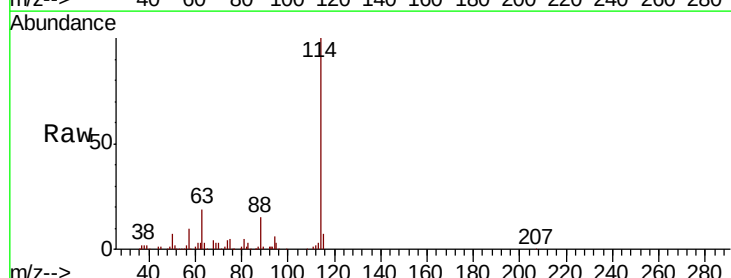
Instrument :
 MSVOA_W
 ClientSampleId :

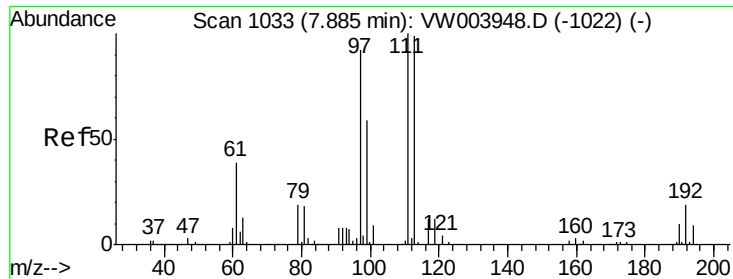
Tot Ion: 65 Resp: 26332
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

Tgt Ion: 114 Resp: 59948
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.3 0.0 30.6

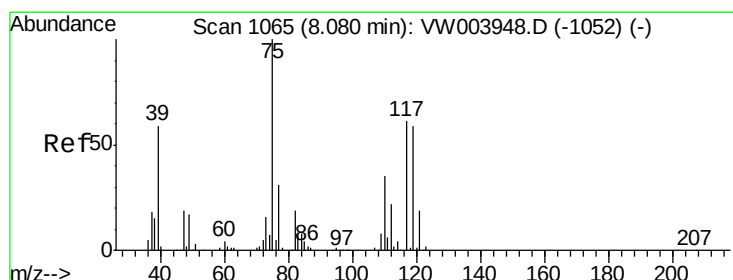
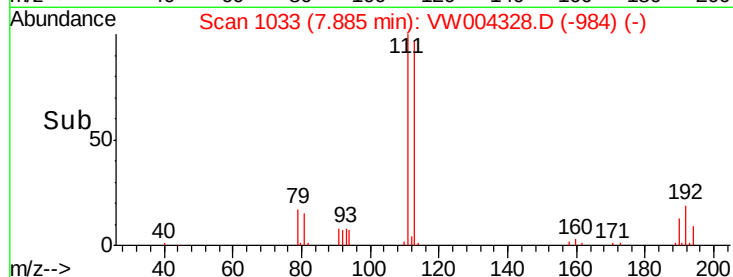
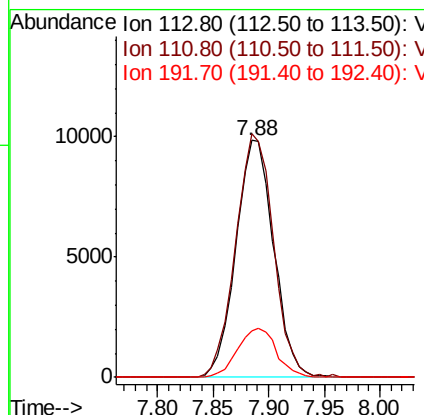
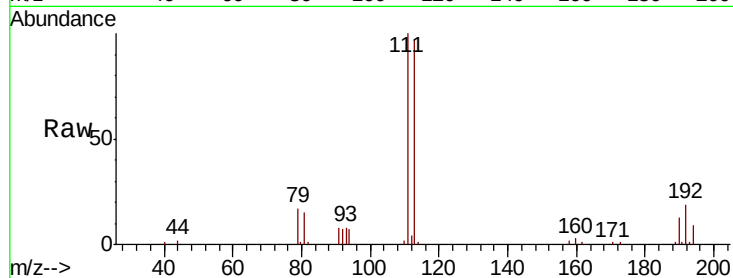




#35
 Dibromofluoromethane
 Concen: 61.236 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

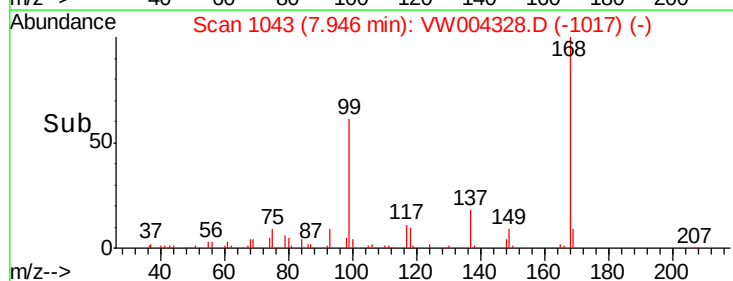
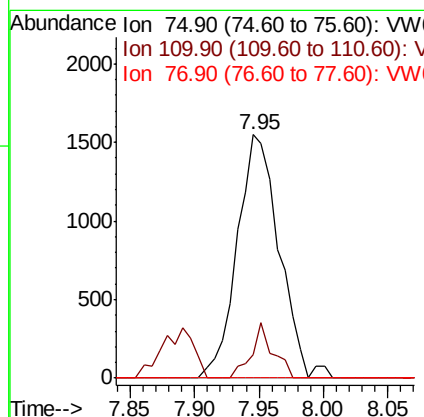
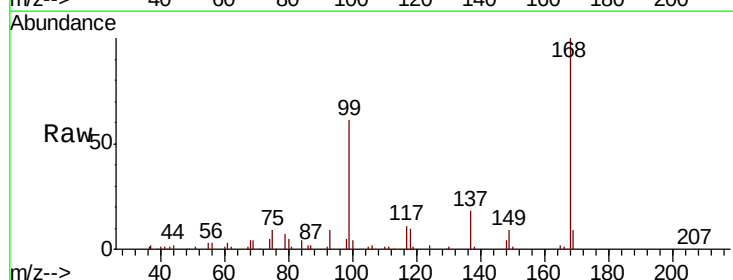
Instrument :
 MSVOA_W
 ClientSampled :

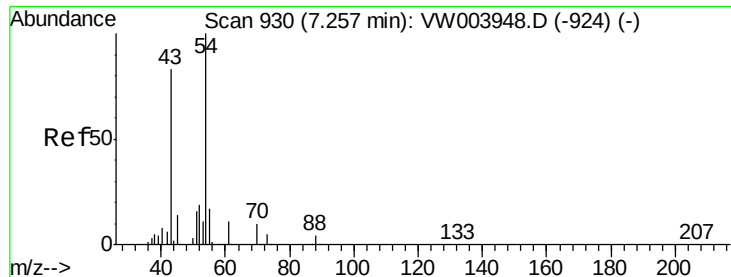
Tot Ion:113 Resp: 23199
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.1 123.1
 192 21.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 5.846 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

Tgt Ion: 75 Resp: 3506
 Ion Ratio Lower Upper
 75 100
 110 11.4 17.3 52.0#
 77 0.0 25.0 37.6#

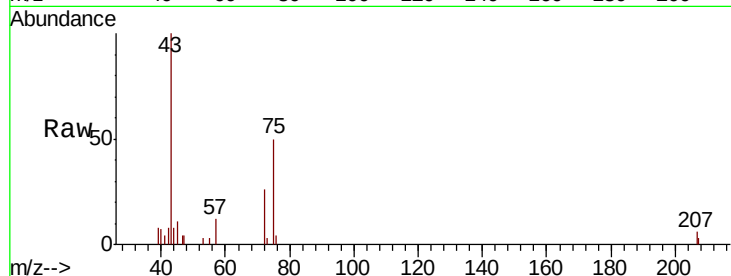




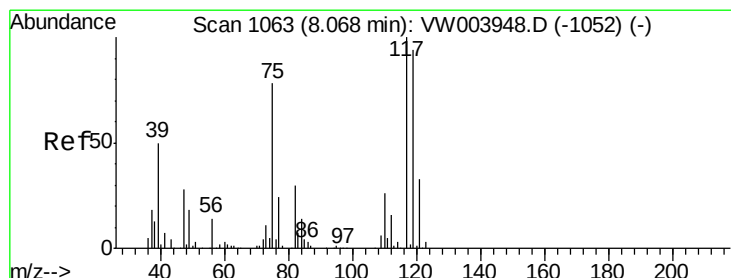
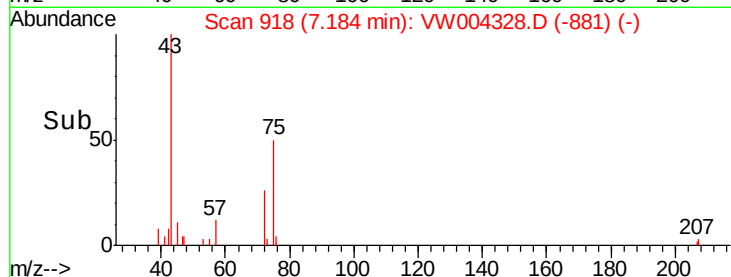
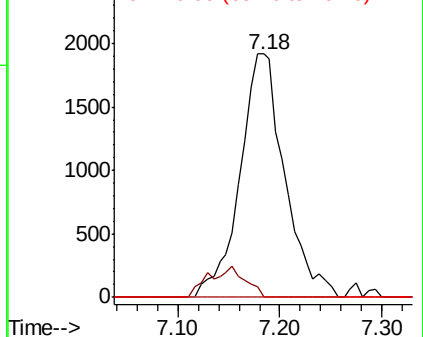
#37
Ethyl Acetate
Concen: 23.792 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.07 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5847
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 7.8 11.6#

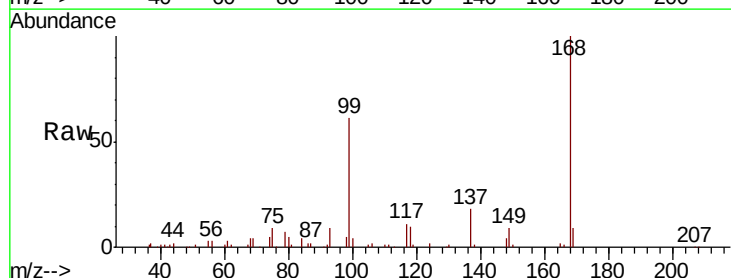


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

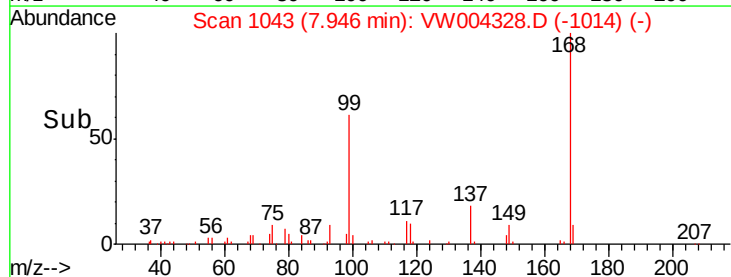
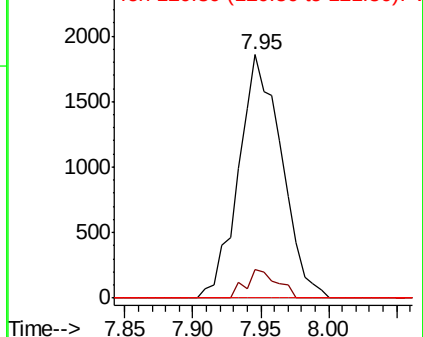


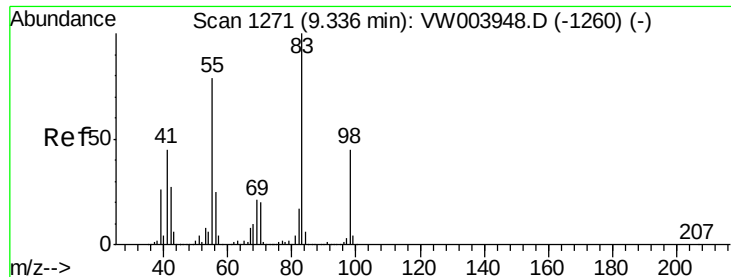
#38
Carbon Tetrachloride
Concen: 6.912 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 117 Resp: 4093
Ion Ratio Lower Upper
117 100
119 11.6 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

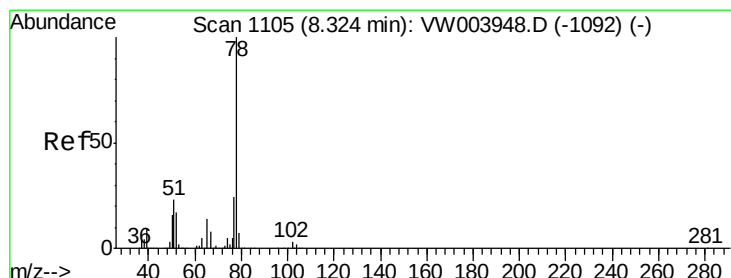
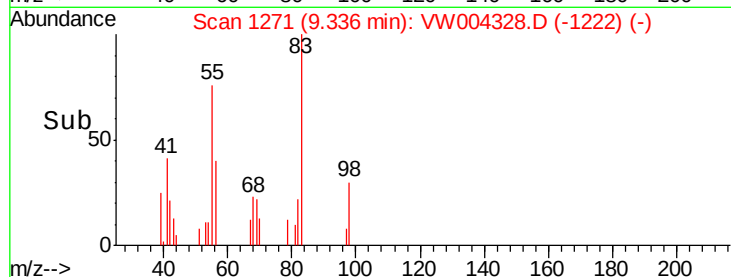
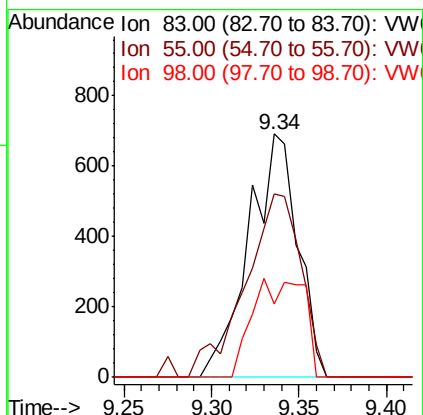
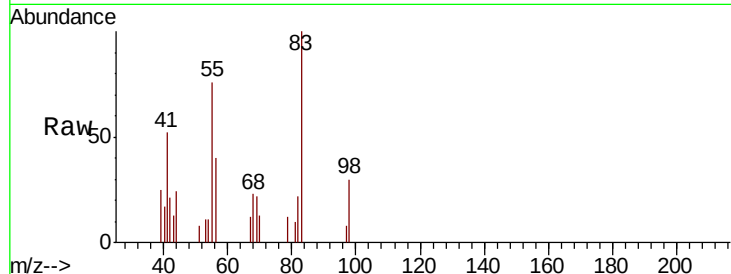




#39
Methylvlcyclohexane
Concen: 1.865 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

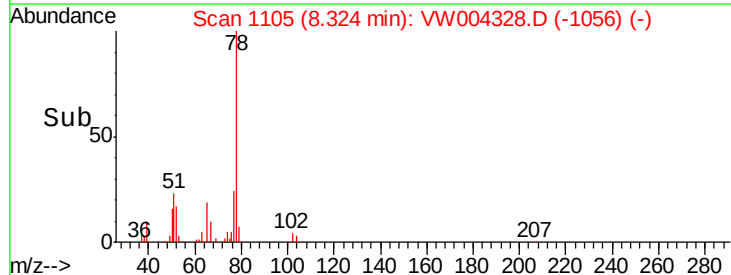
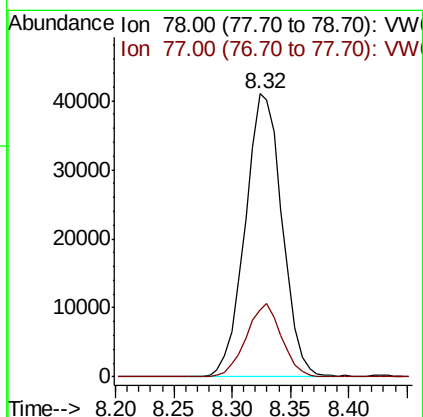
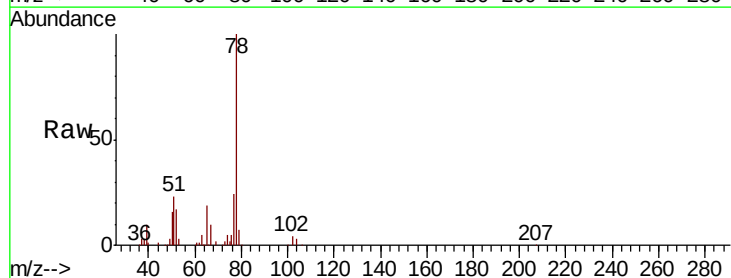
Instrument :
MSVOA_W
ClientSampleId :

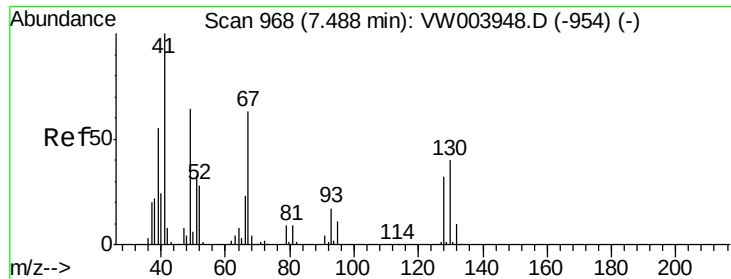
Tot Ion: 83 Resp: 1348
Ion Ratio Lower Upper
83 100
55 75.6 64.3 96.5
98 29.9 36.3 54.5#



#40
Benzene
Concen: 53.910 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 78 Resp: 90950
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

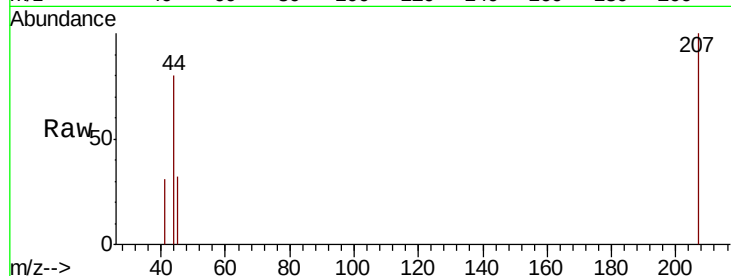




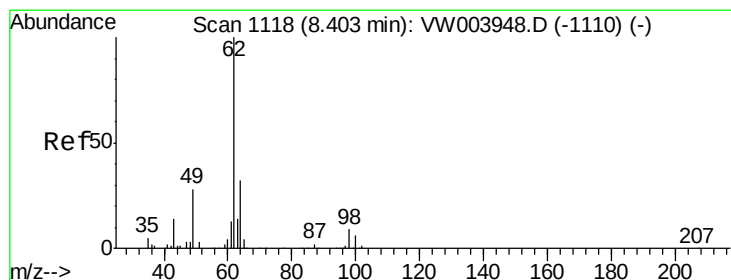
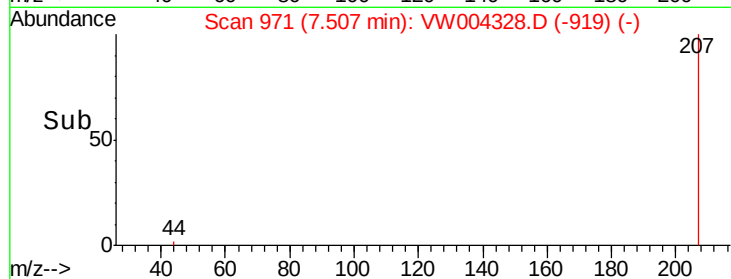
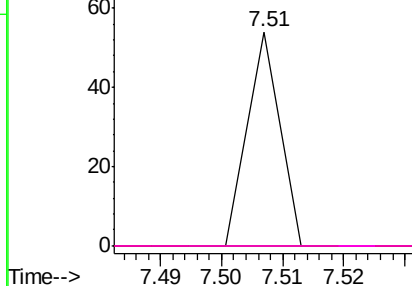
#41
Methacrylonitrile
Concen: 2.216 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.02 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.2	61.8#
67	0.0	53.4	80.0#
52	0.0	22.4	33.6#

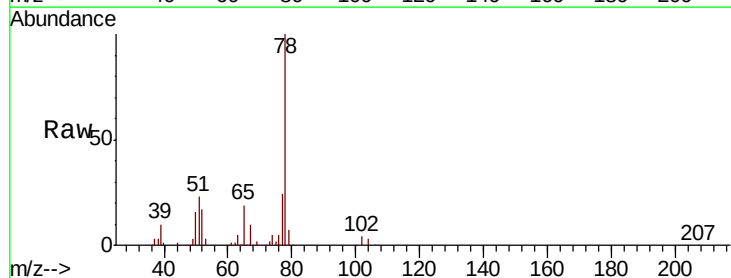


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

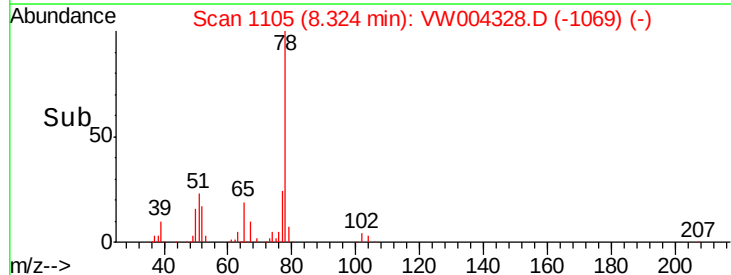
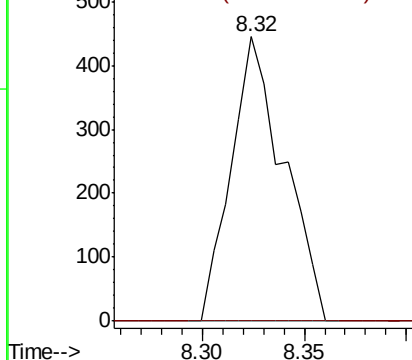


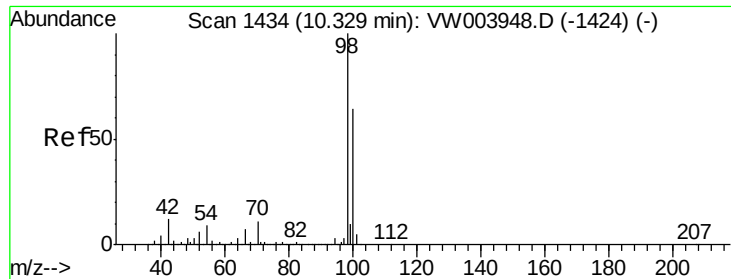
#42
1,2-Dichloroethane
Concen: 1.650 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.08 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion:	62	Resp:	796
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

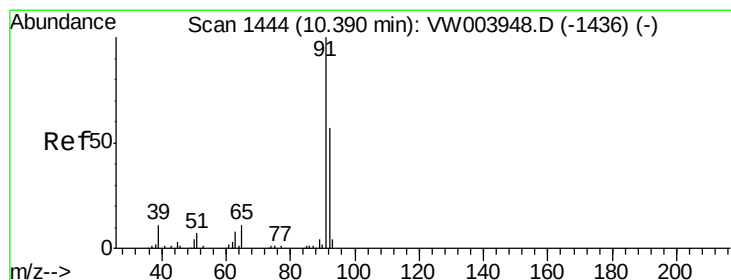
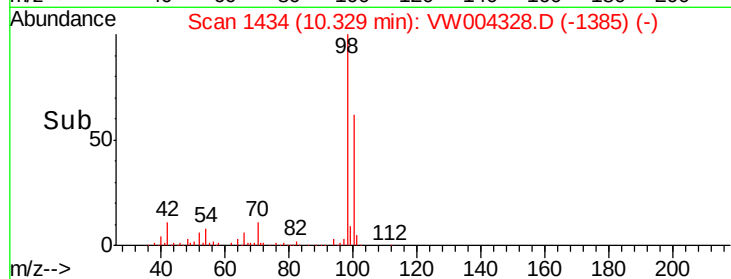
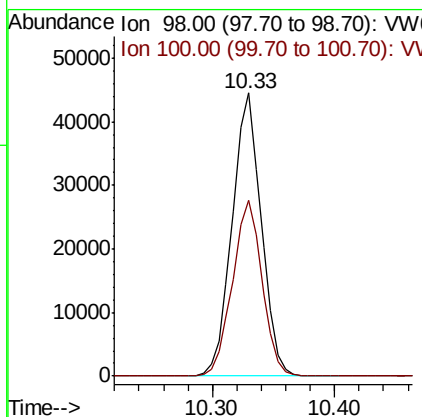
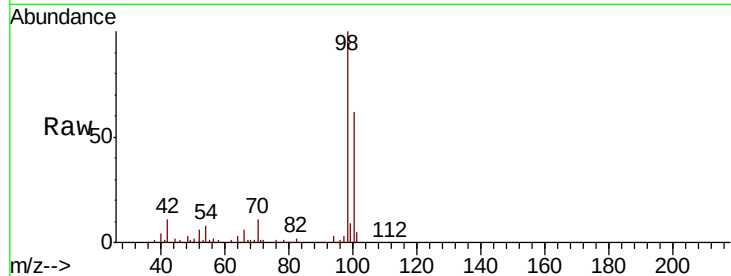




#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

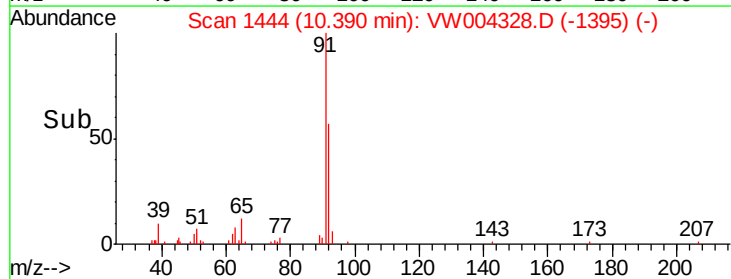
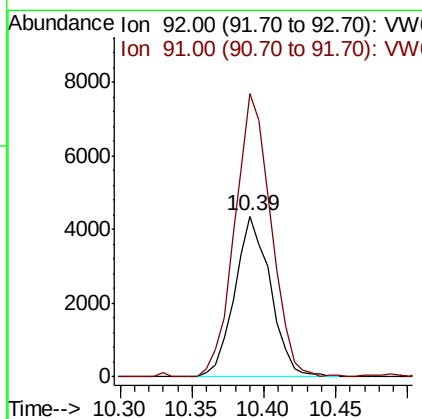
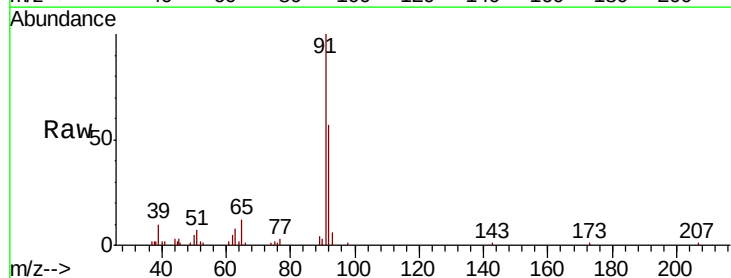
Instrument :
MSVOA_W
ClientSampled :

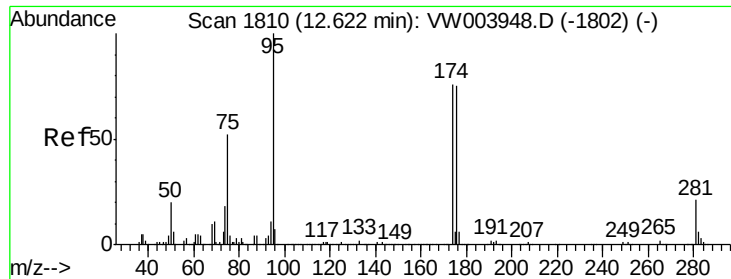
Tot Ion: 98 Resp: 73212
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#52
Toluene
Concen: 7.118 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 92 Resp: 7540
Ion Ratio Lower Upper
92 100
91 178.1 139.0 208.4

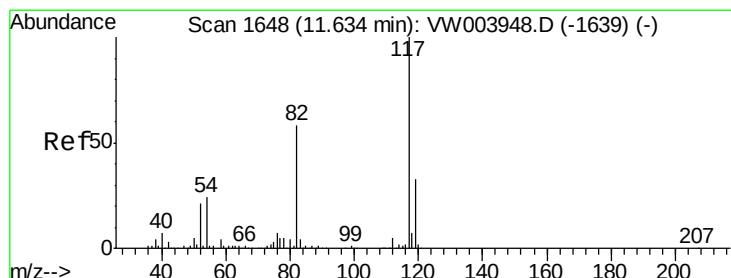
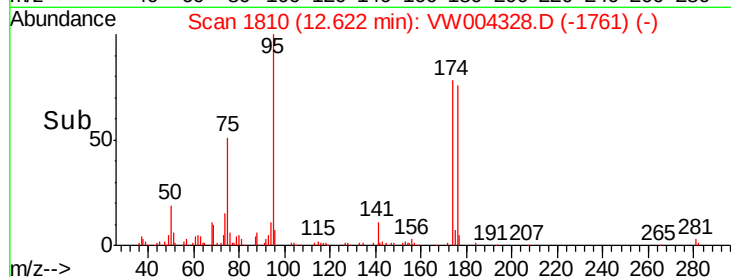
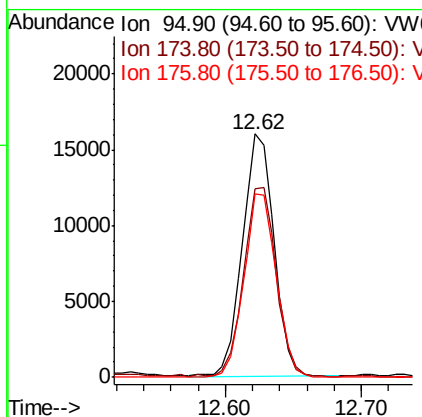
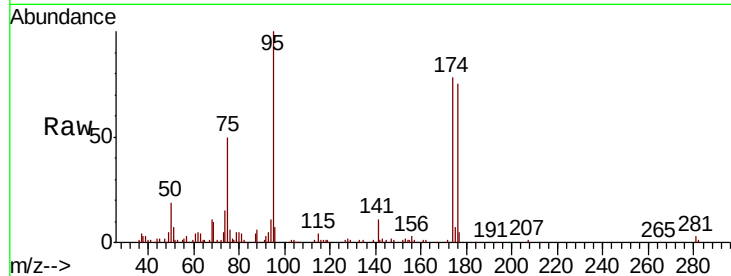




#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

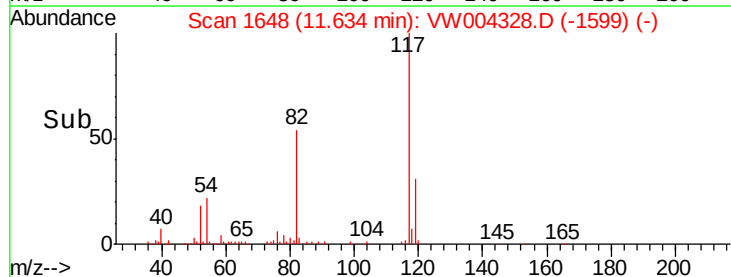
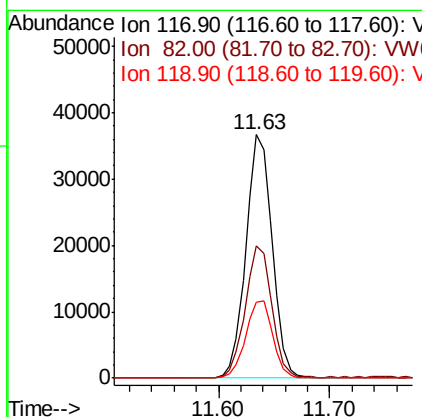
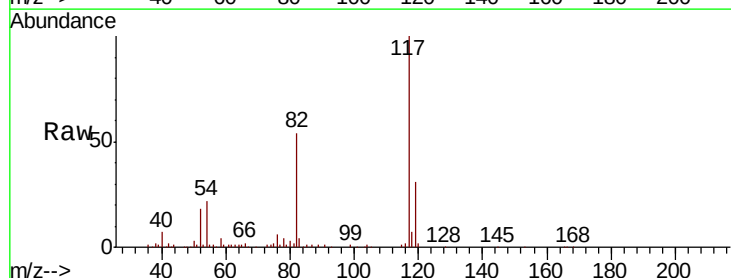
Instrument :
MSVOA_W
ClientSampleId :

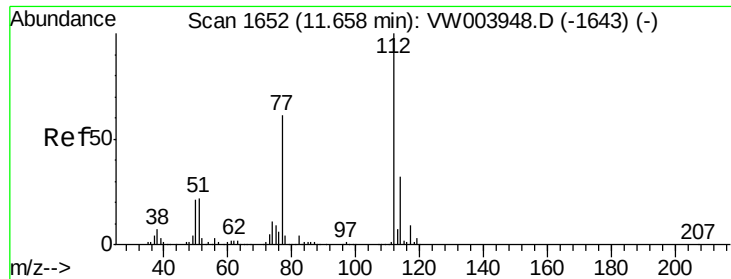
Tot Ion: 95 Resp: 26056
Ion Ratio Lower Upper
95 100
174 81.3 0.0 167.8
176 77.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 117 Resp: 60219
Ion Ratio Lower Upper
117 100
82 54.1 47.9 71.9
119 31.4 27.1 40.7

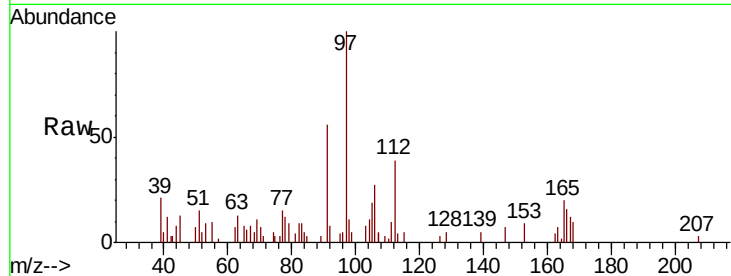




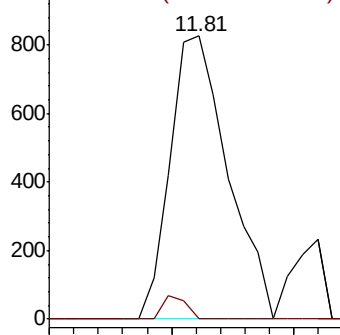
#65
Chlorobenzene
Concen: 1.070 ug/l
RT: 11.81 min Scan# 1677
Delta R.T. 0.15 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :

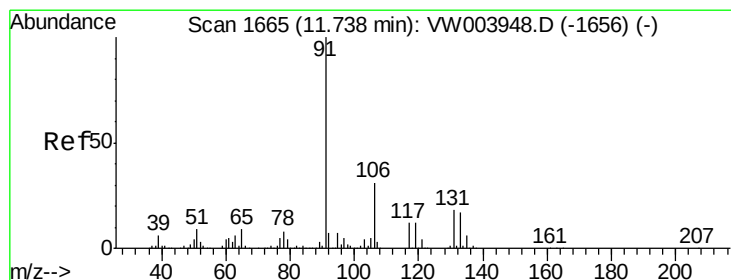
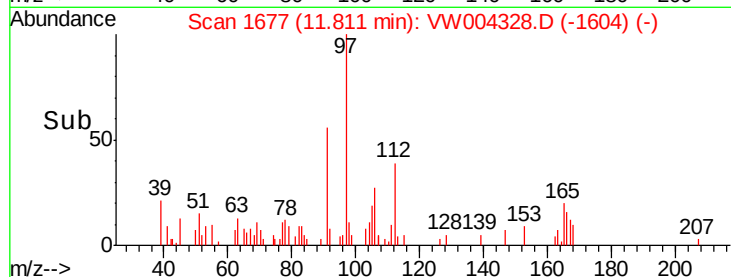
Tot Ion:112 Resp: 1353
Ion Ratio Lower Upper
112 100
114 0.0 24.7 37.1#



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

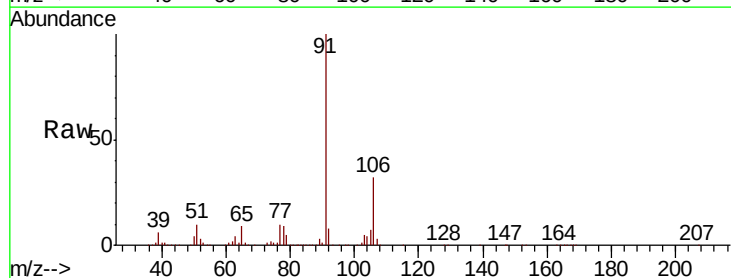


Time--> 11.75 11.80 11.85

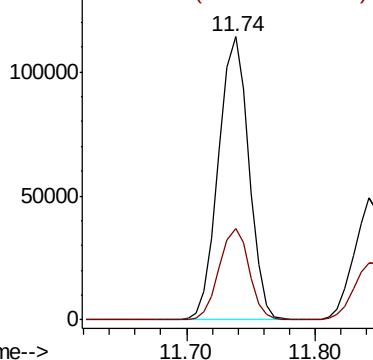


#67
Ethyl Benzene
Concen: 84.062 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

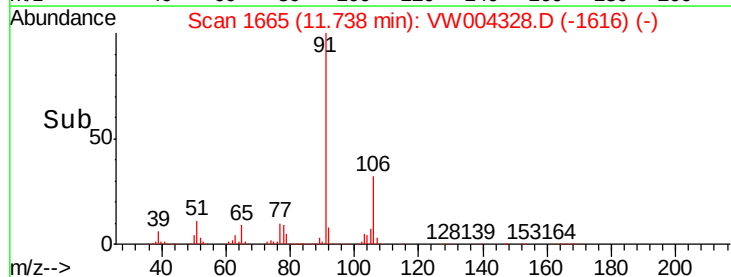
Tgt Ion: 91 Resp: 185324
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

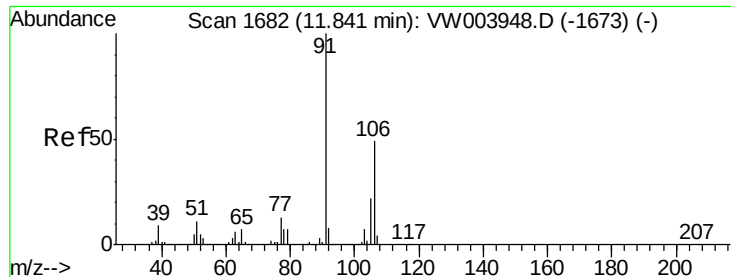


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V



Time--> 11.70 11.80





#68

m/p-Xylenes

Concen: 53.172 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

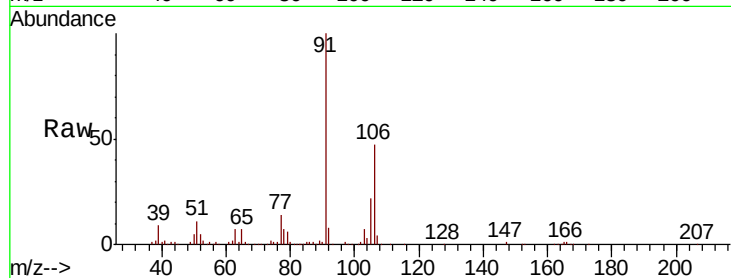
ClientSampled :

Tot Ion:106 Resp: 45108

Ion Ratio Lower Upper

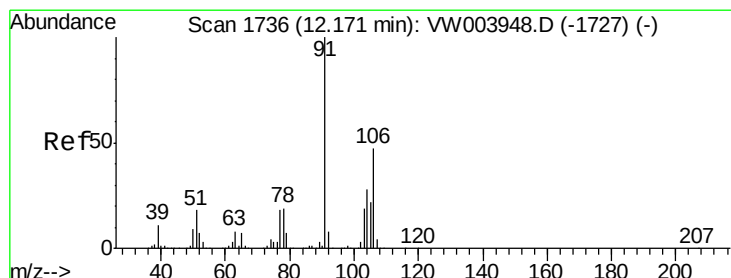
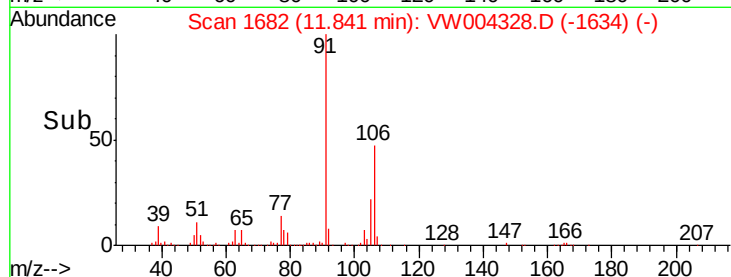
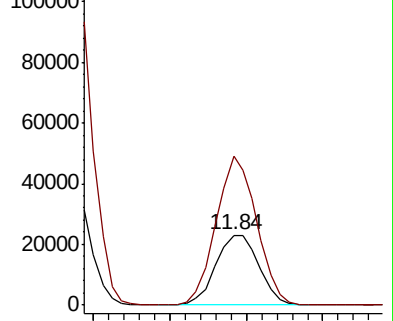
106 100

91 200.6 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 34.263 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004328.D

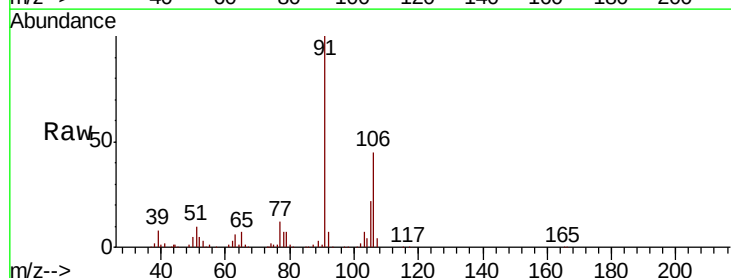
Acq: 29 Jul 2018 21:41

Tgt Ion:106 Resp: 26857

Ion Ratio Lower Upper

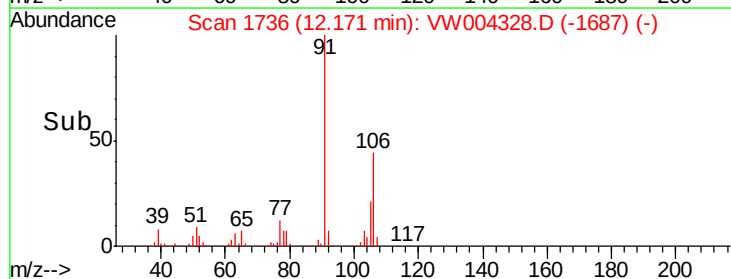
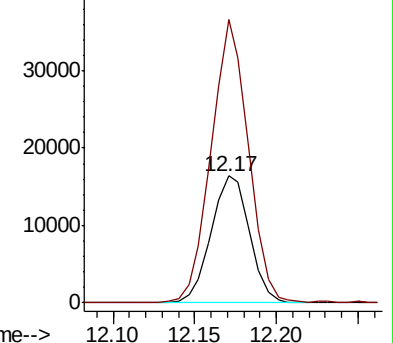
106 100

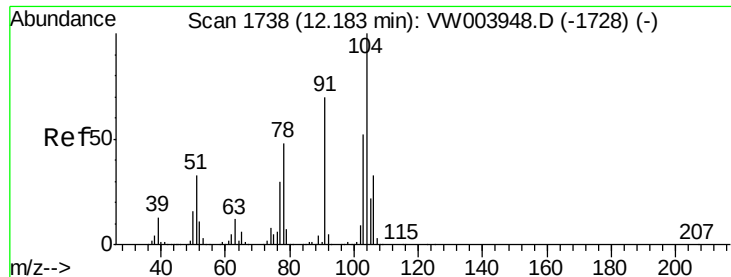
91 216.6 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

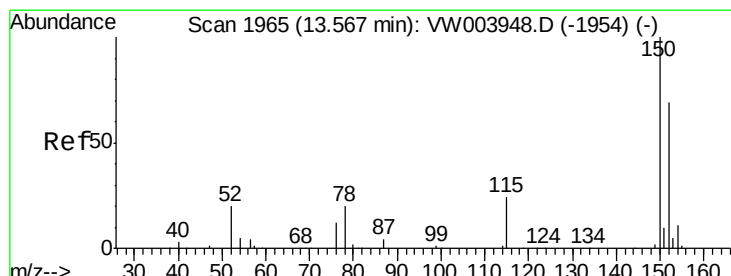
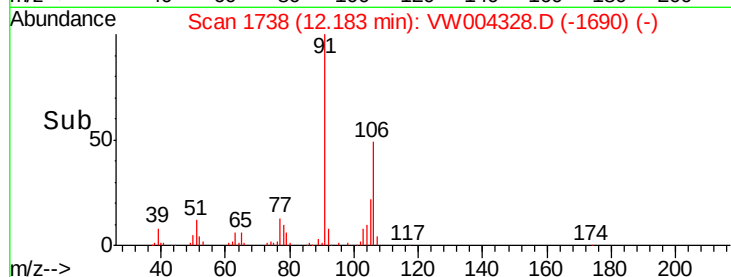
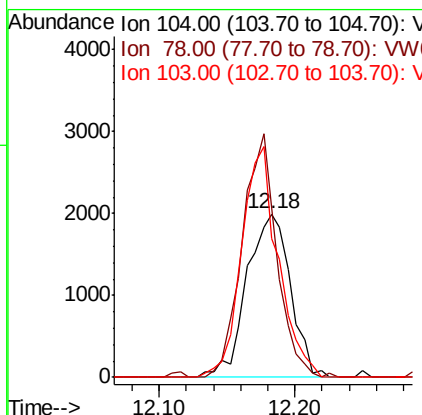
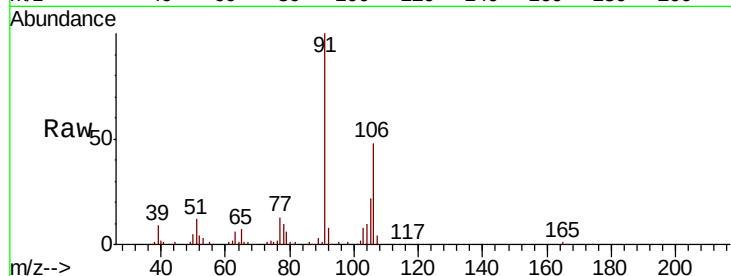




#70
Stvrene
Concen: 3.375 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

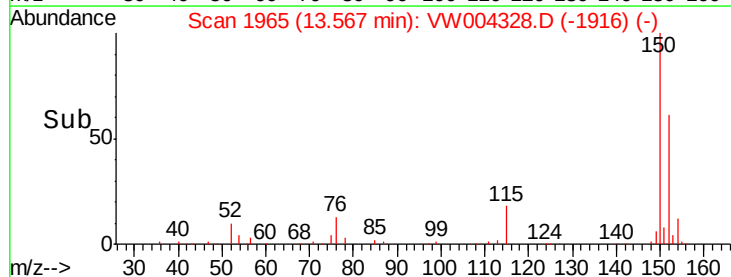
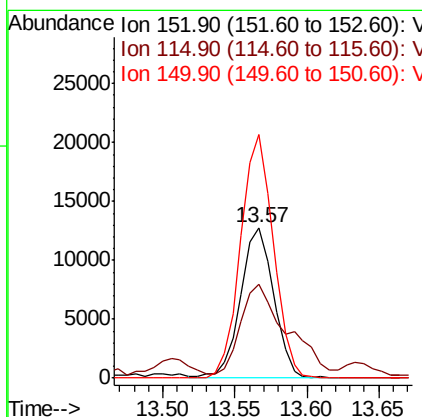
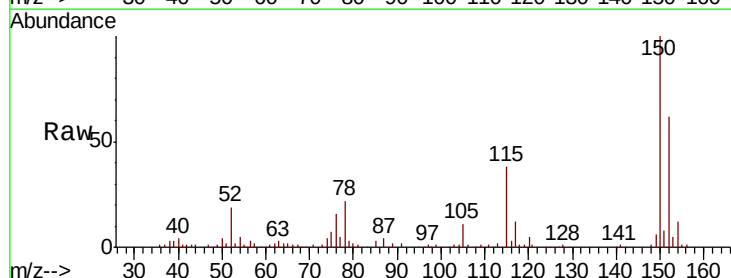
Instrument :
MSVOA_W
ClientSampleId :

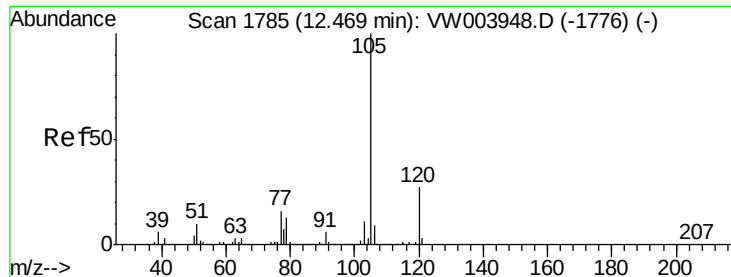
Tot Ion:104 Resp: 4469
Ion Ratio Lower Upper
104 100
78 118.6 40.9 61.3#
103 118.8 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion:152 Resp: 20481
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.4#
150 159.0 0.0 346.4





#73

Isopropylbenzene

Concen: 37.092 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

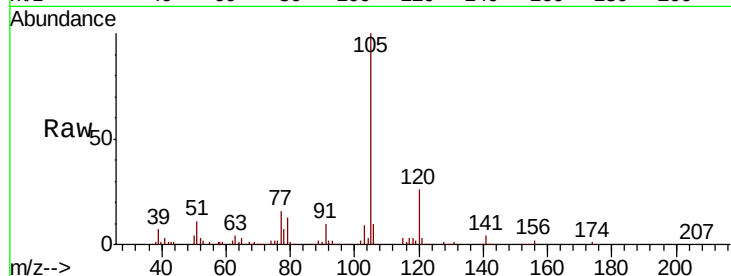
ClientSampled :

Tot Ion:105 Resp: 52676

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

30000

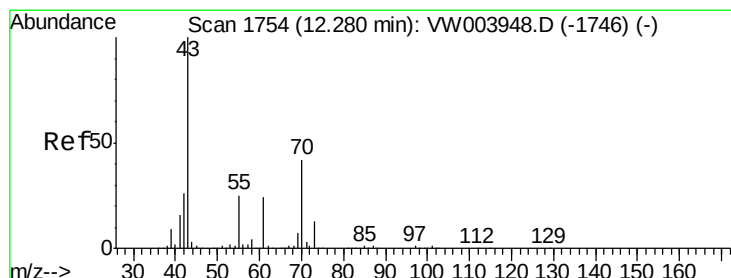
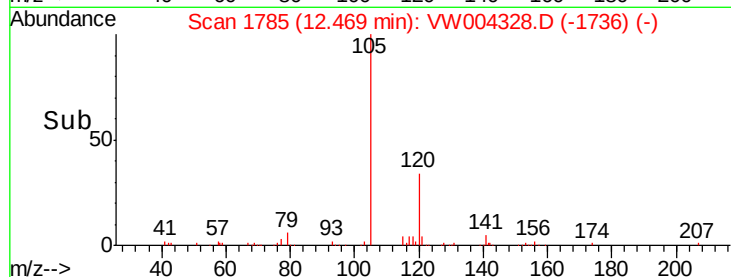
20000

10000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 3.551 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Tgt Ion: 43 Resp: 592

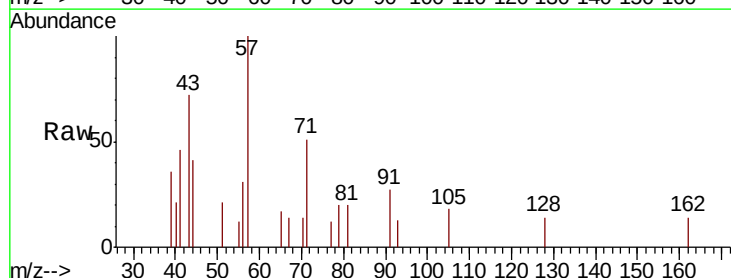
Ion Ratio Lower Upper

43 100

70 19.3 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

500

400

300

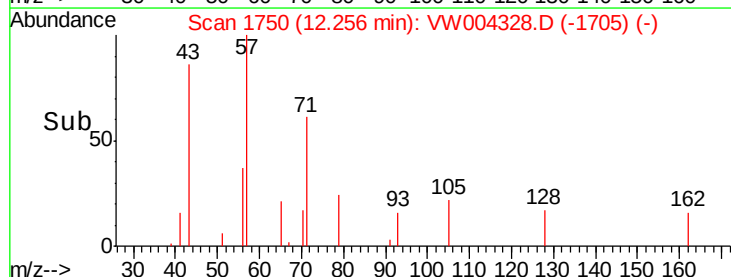
200

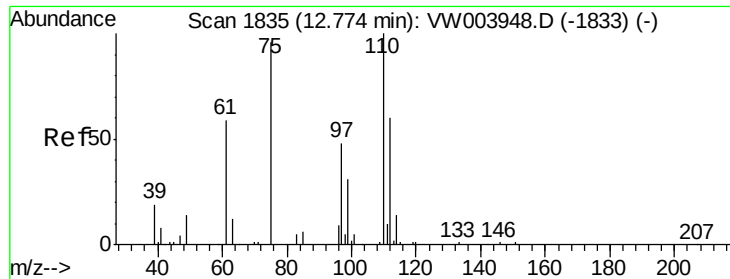
100

0

Time-->

12.20 12.25 12.30

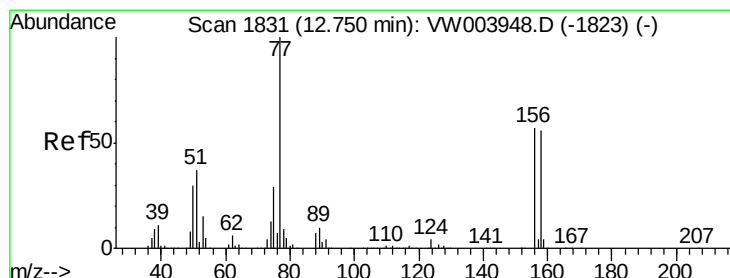
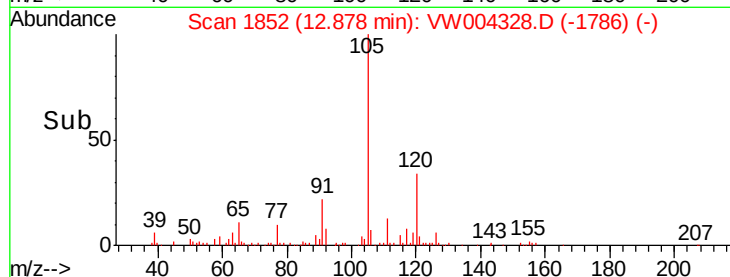
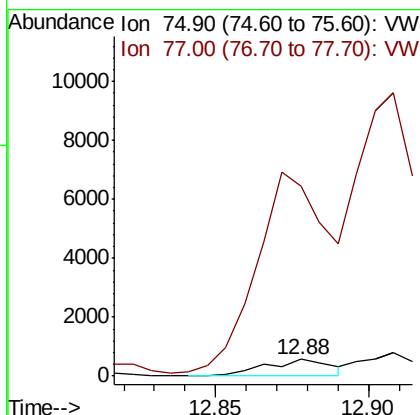
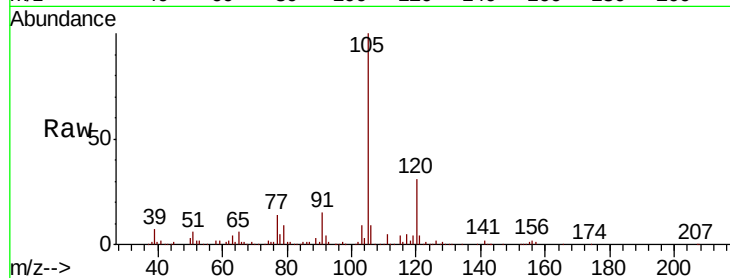




#76
 1,2,3-Trichloropropane
 Concen: 4.515 ug/l
 RT: 12.88 min Scan# 1852
 Delta R.T. 0.10 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

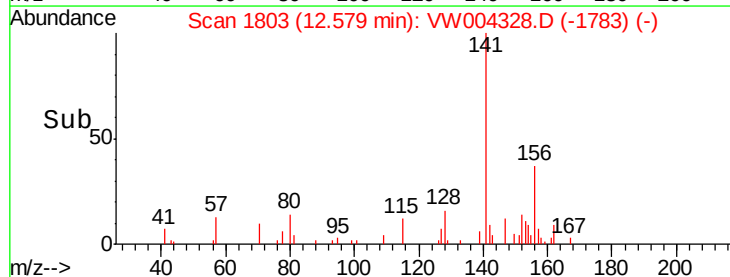
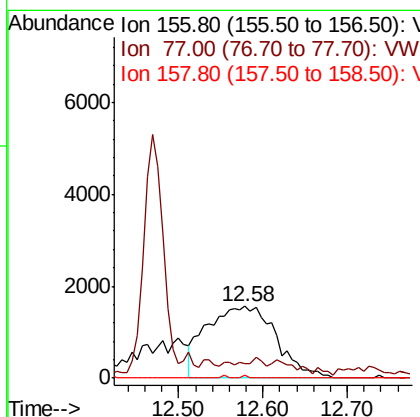
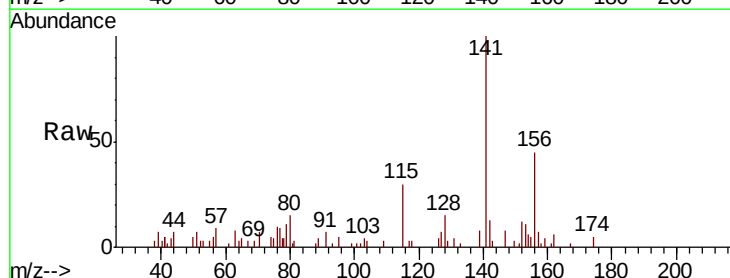
Instrument :
 MSVOA_W
 ClientSampled :

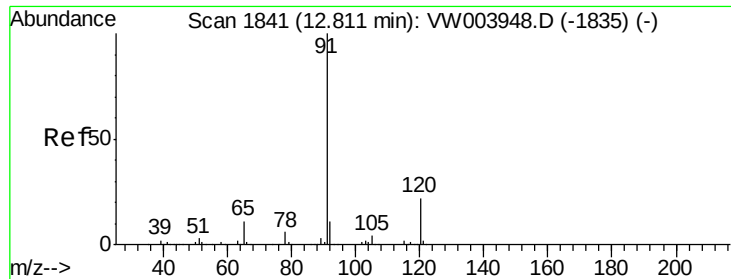
Tot Ion: 75 Resp: 844
 Ion Ratio Lower Upper
 75 100
 77 1325.7 0.0 0.0#



#77
 Bromobenzene
 Concen: 25.891 ug/l
 RT: 12.58 min Scan# 1803
 Delta R.T. -0.18 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

Tgt Ion: 156 Resp: 8884
 Ion Ratio Lower Upper
 156 100
 77 0.0 92.9 278.7#
 158 0.3 47.6 142.8#

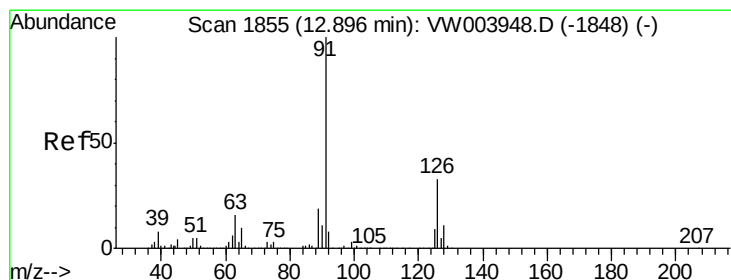
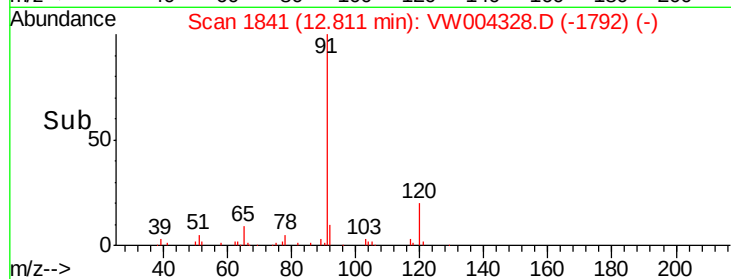
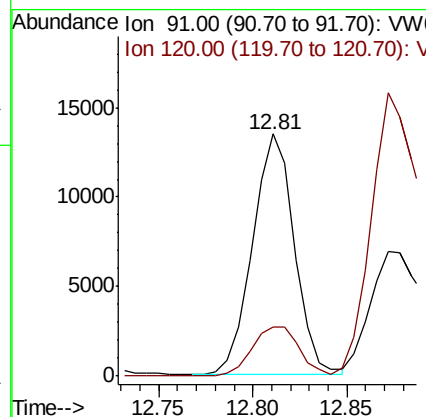
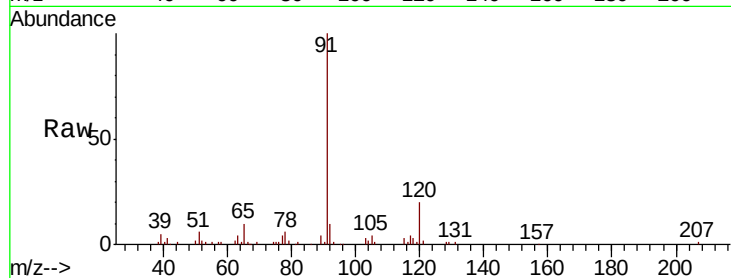




#78
n-propylbenzene
Concen: 11.865 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

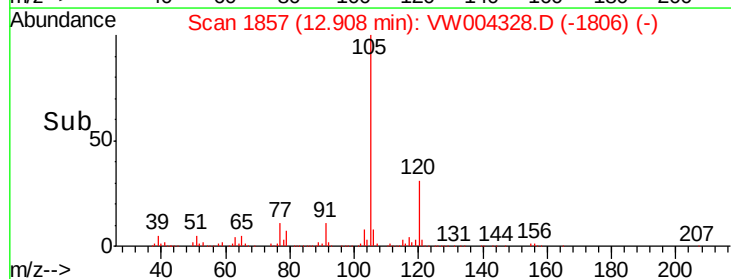
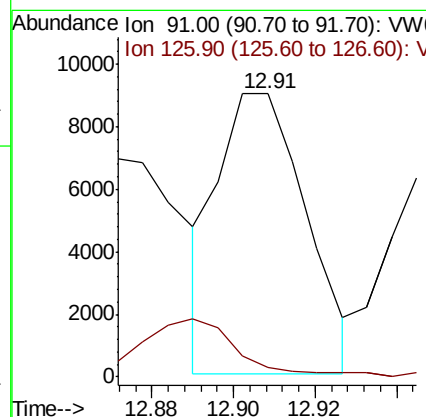
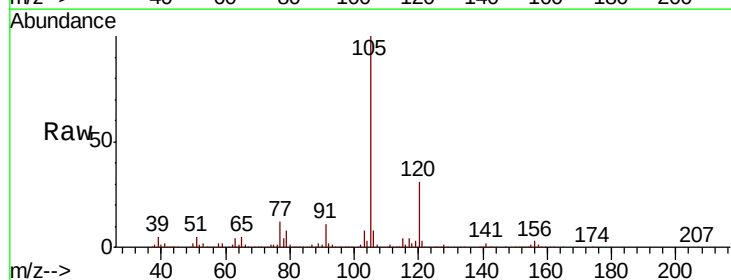
Instrument :
MSVOA_W
ClientSampleId :

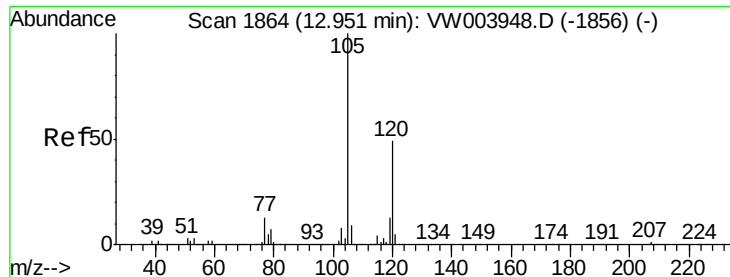
Tot Ion: 91 Resp: 20527
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.8



#79
2-Chlorotoluene
Concen: 13.526 ug/l
RT: 12.91 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 91 Resp: 13385
Ion Ratio Lower Upper
91 100
126 24.1 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 89.642 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

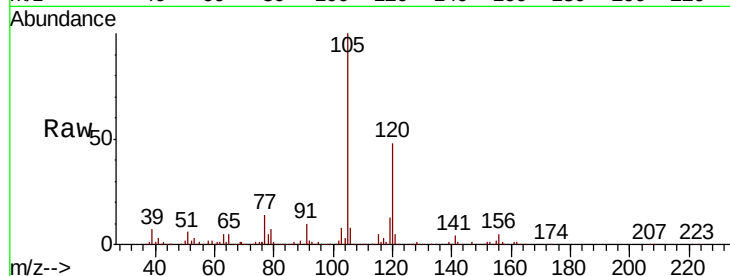
ClientSampled :

Tot Ion:105 Resp: 109669

Ion Ratio Lower Upper

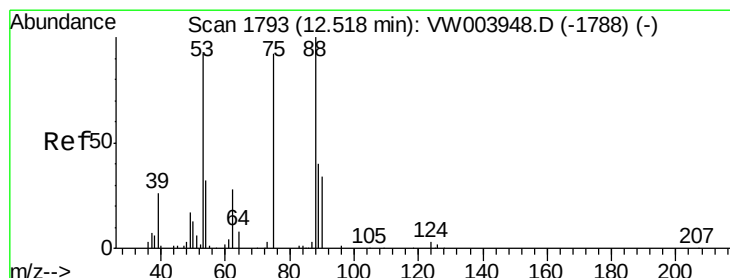
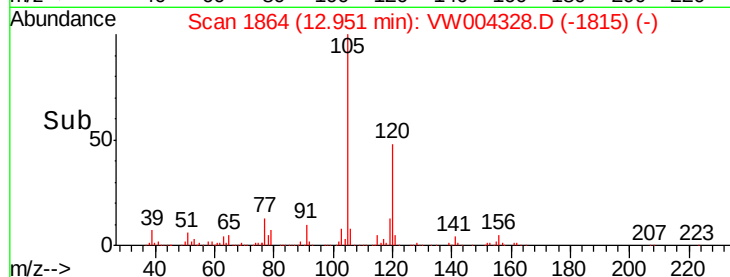
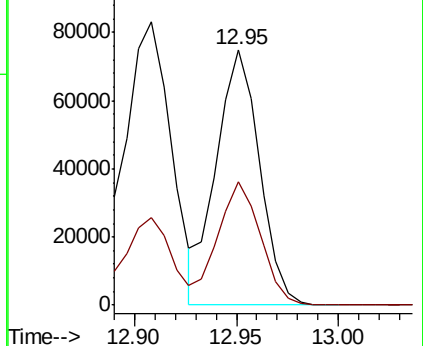
105 100

120 48.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 11.303 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

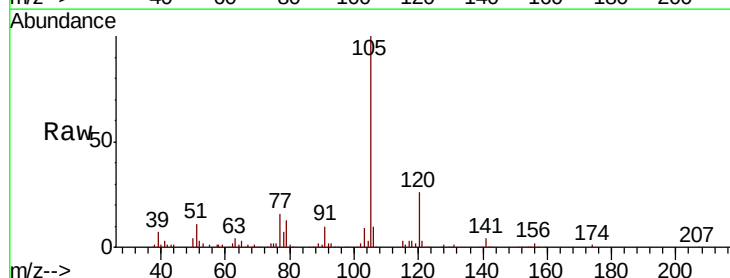
Tgt Ion: 75 Resp: 908

Ion Ratio Lower Upper

75 100

53 101.5 77.6 116.4

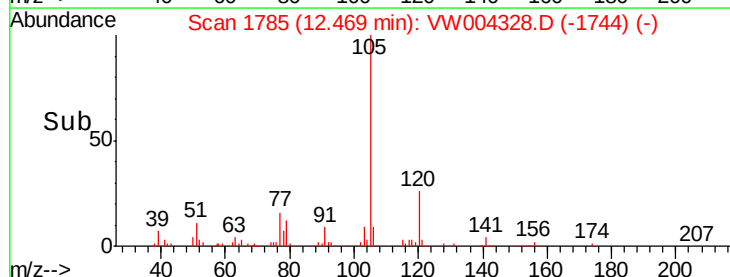
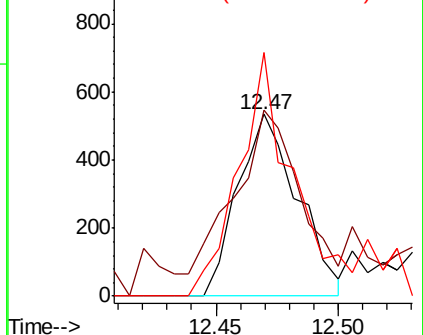
89 121.5 36.0 54.0#

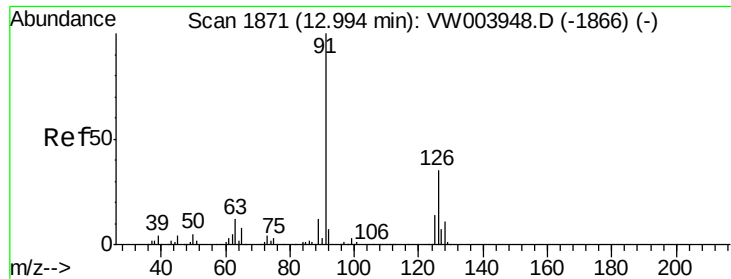


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

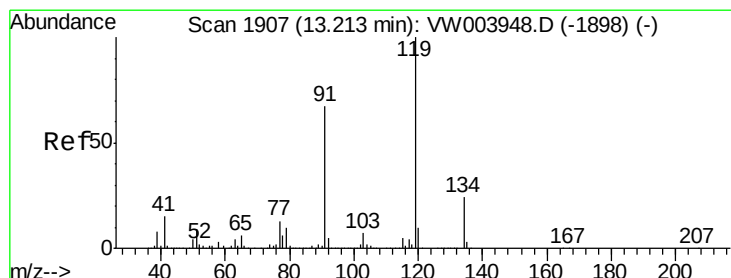
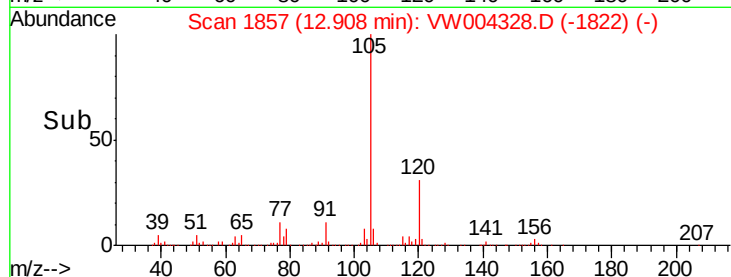
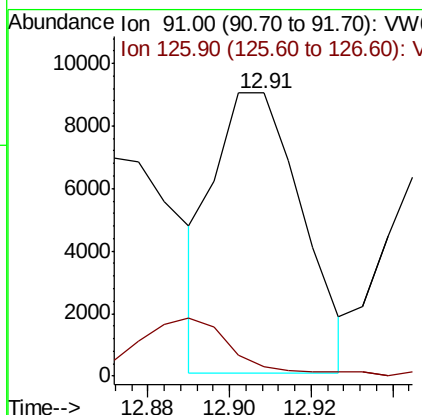
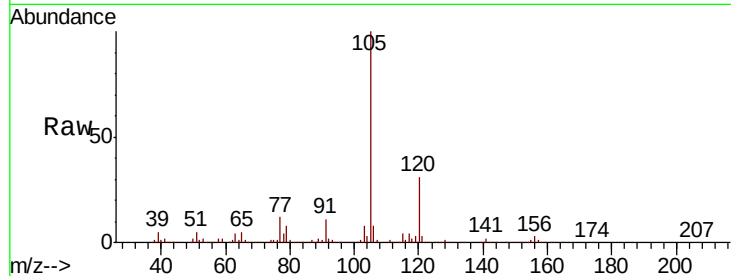




#82
4-Chlorotoluene
Concen: 12.783 ug/l
RT: 12.91 min Scan# 1857
Delta R.T. -0.09 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

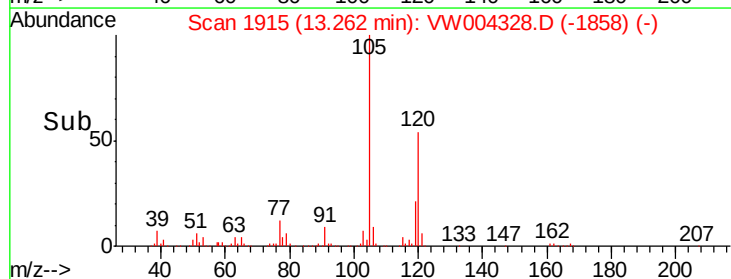
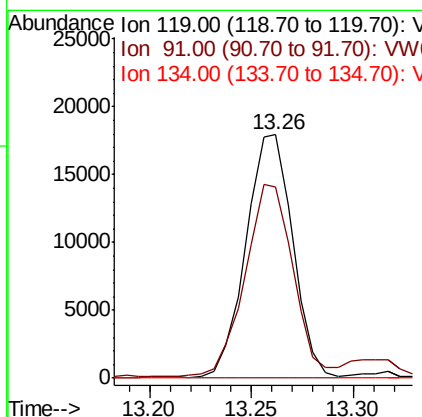
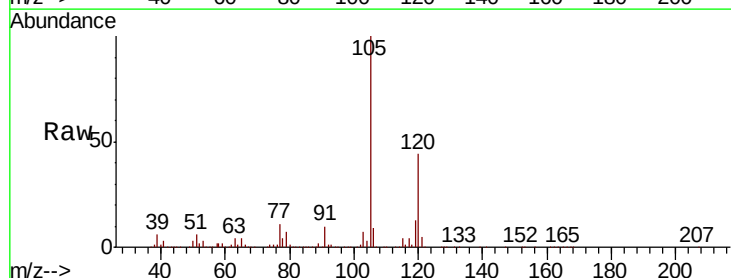
Instrument :
MSVOA_W
ClientSampled :

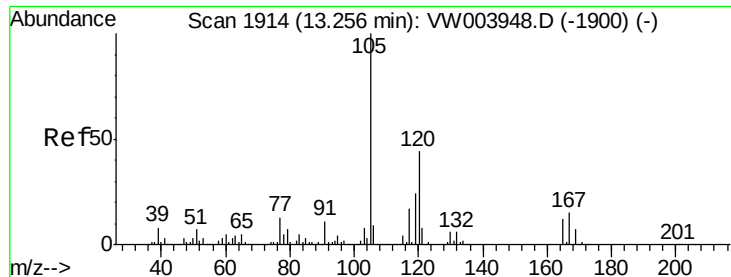
Tot Ion: 91 Resp: 13385
Ion Ratio Lower Upper
91 100
126 24.1 17.4 52.3



#83
tert-Butylbenzene
Concen: 27.957 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.05 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion: 119 Resp: 28494
Ion Ratio Lower Upper
119 100
91 81.8 32.8 98.3
134 0.4 12.2 36.6#

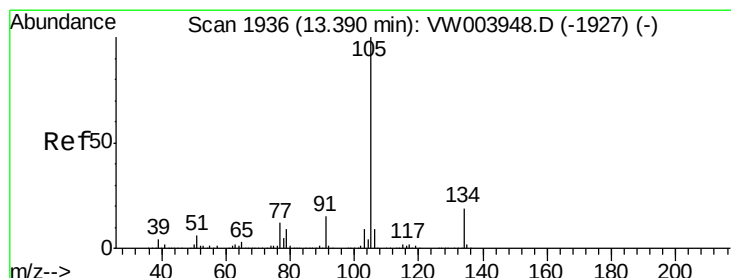
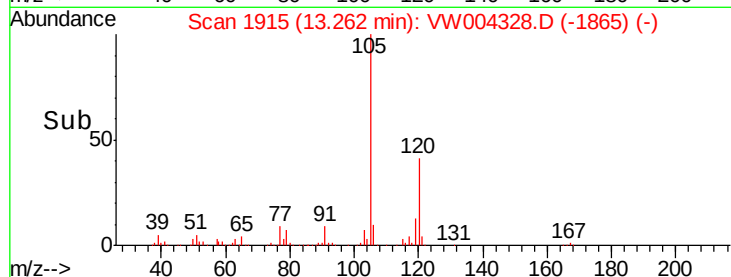
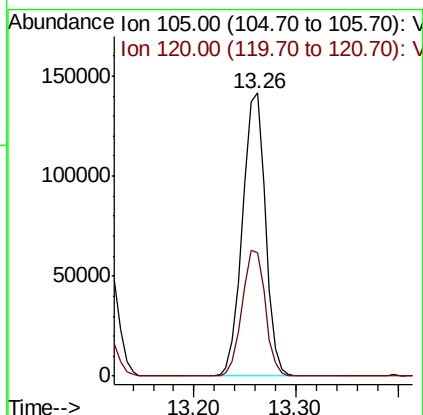
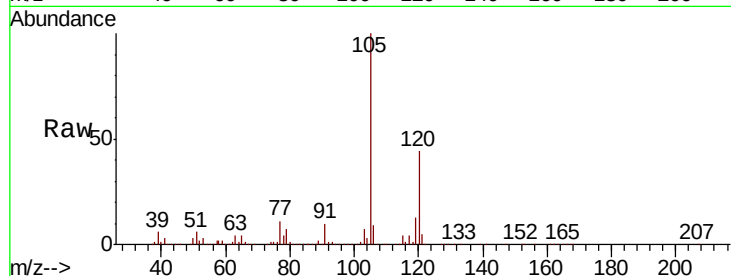




#84
 1,2,4-Trimethylbenzene
 Concen: 176.619 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

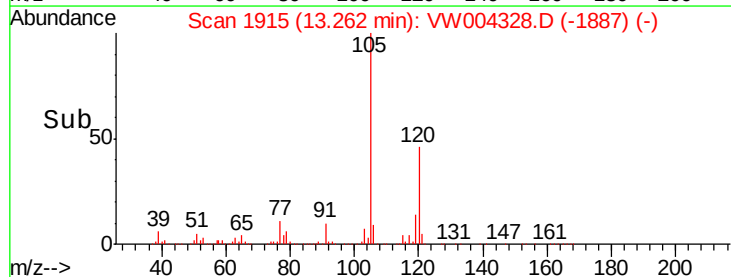
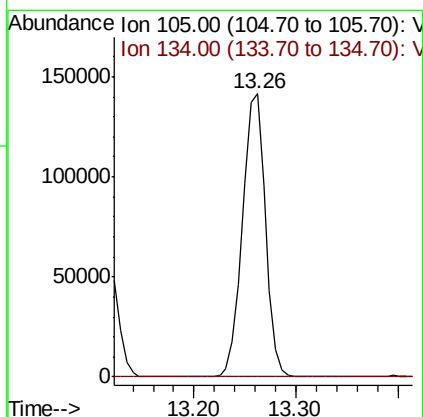
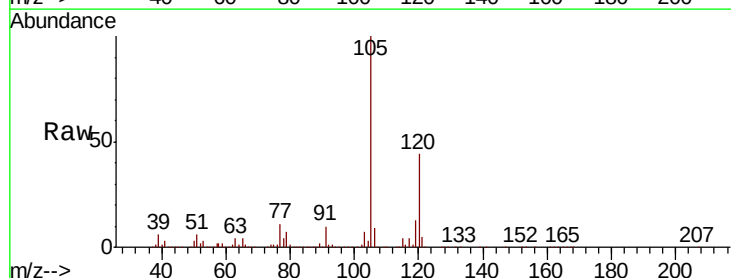
Instrument :
 MSVOA_W
 ClientSampleId :

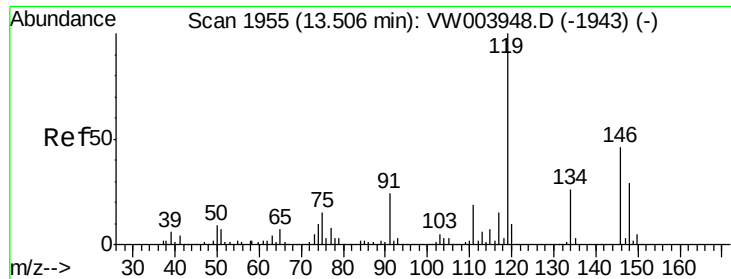
Tot Ion:105 Resp: 220372
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 148.023 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.13 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

Tgt Ion:105 Resp: 220372
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.8#

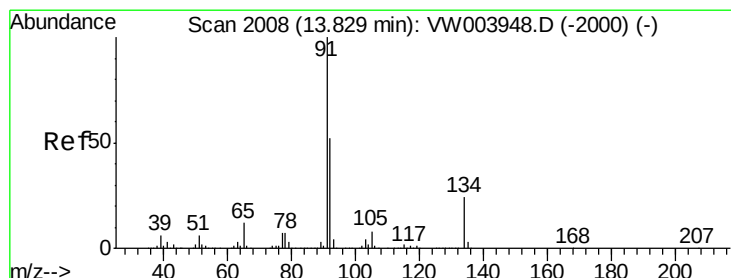
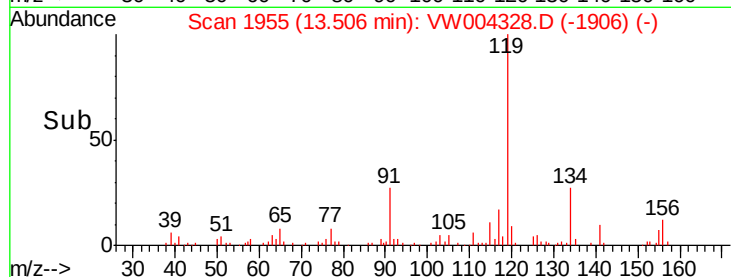
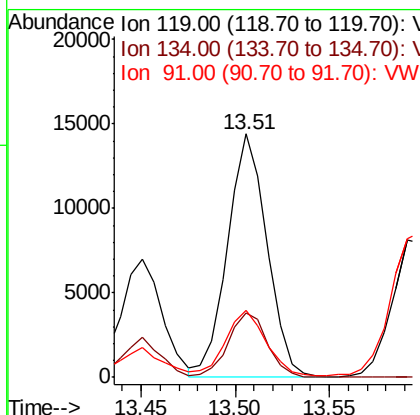
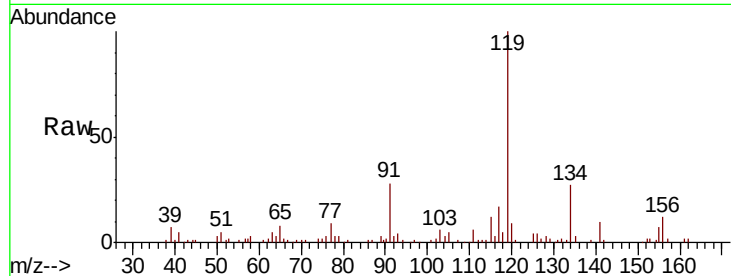




#86
p-Isopropyltoluene
Concen: 15.675 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

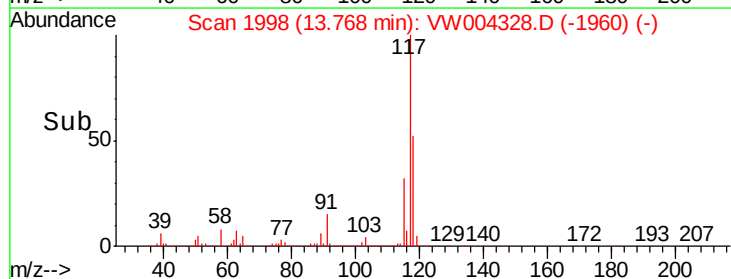
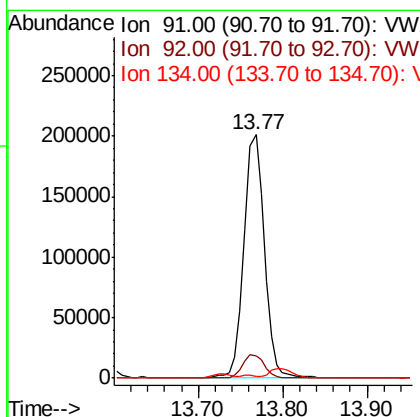
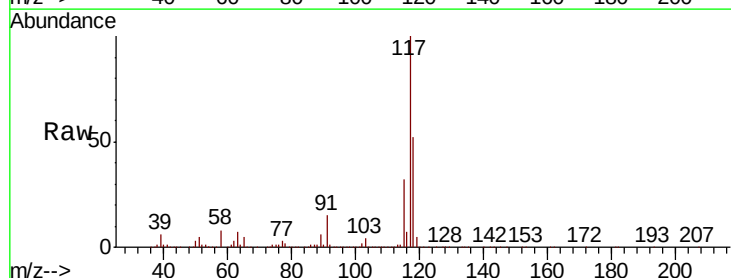
Instrument :
MSVOA_W
ClientSampleId :

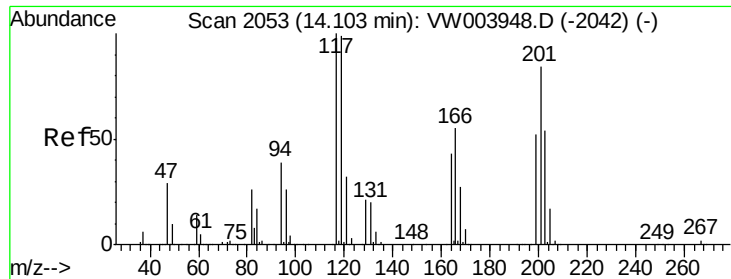
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.6	37.8
91	0.0	11.3	33.9#



#89
n-Butylbenzene
Concen: 261.240 ug/l
RT: 13.77 min Scan# 1998
Delta R.T. -0.07 min
Lab File: VW004328.D
Acq: 29 Jul 2018 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.0	26.4	79.2#
134	0.2	12.9	38.6#





#90

Hexachloroethane

Concen: 28.493 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

Instrument :

MSVOA_W

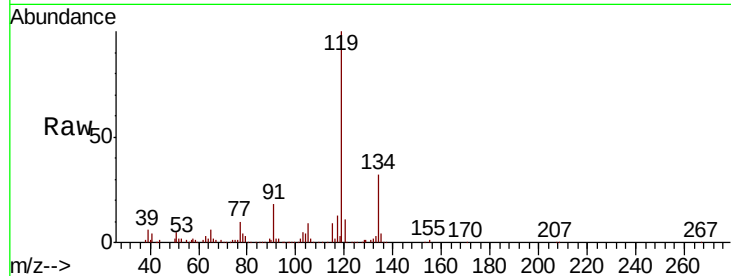
ClientSampleId :

Tot Ion:117 Resp: 6795

Ion Ratio Lower Upper

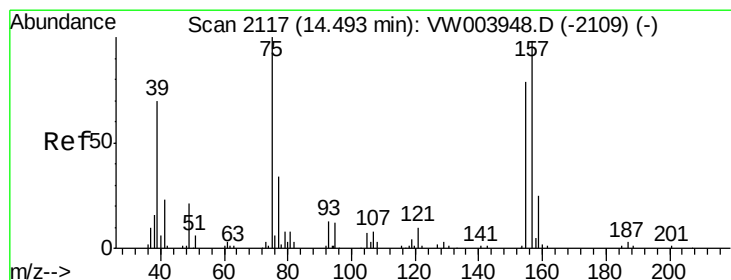
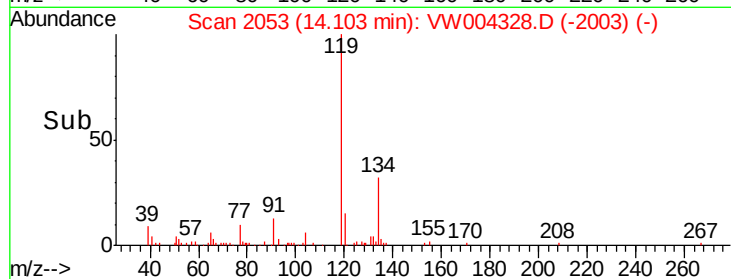
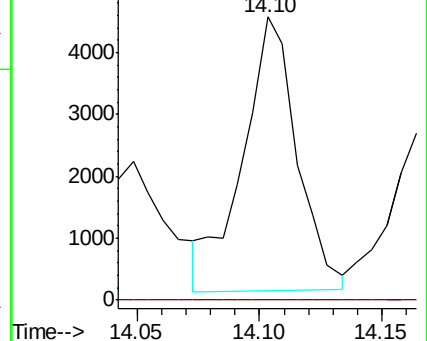
117 100

201 0.0 41.5 124.5#



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: 125.155 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

Lab File: VW004328.D

Acq: 29 Jul 2018 21:41

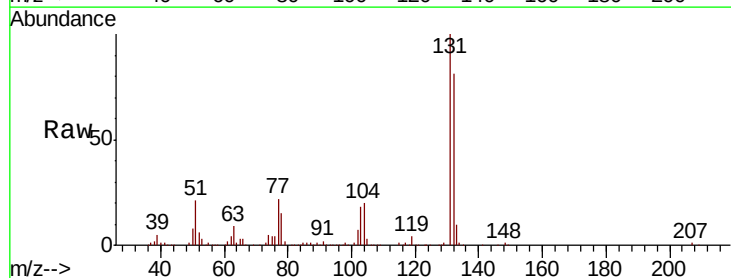
Tgt Ion: 75 Resp: 5435

Ion Ratio Lower Upper

75 100

155 0.0 41.4 124.4#

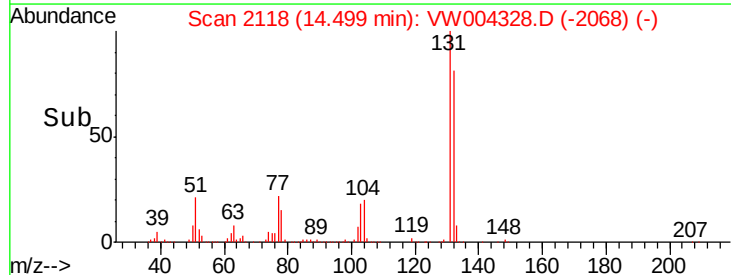
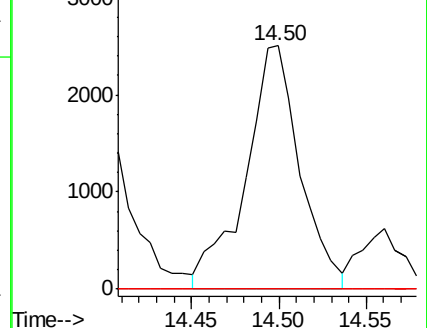
157 0.0 55.2 165.6#

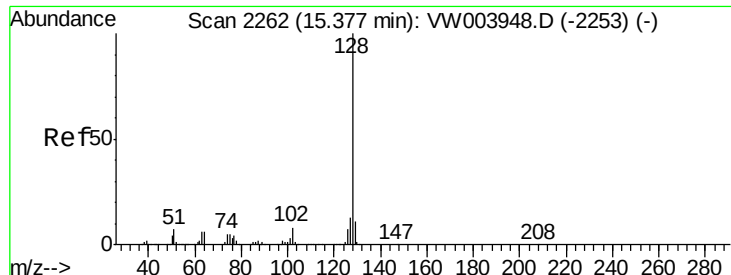


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

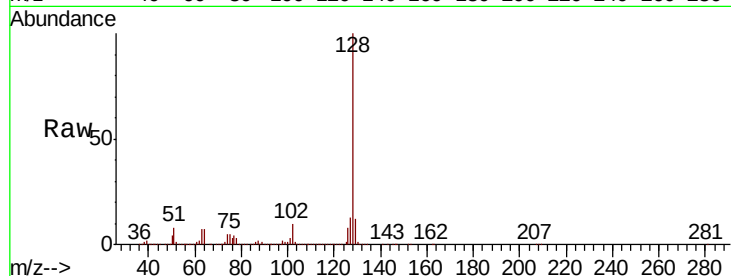




#95
 Naphthalene
 Concen: 14691.774 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW004328.D
 Acq: 29 Jul 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:128 Resp:10910884
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.6 8.6 13.0



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

