

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052108.D
 Acq On : 1 Nov 2018 17:36
 Operator : MD\SY
 Sample : J5192-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

Quant Time: Nov 02 07:03:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	303002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	550949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	246918	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.59	113	207225	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.24%	
50) Toluene-d8	10.09	98	831383	60.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.70%	
62) 4-Bromofluorobenzene	12.40	95	288994	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	325	25.237	ug/l	94
15) Acrylonitrile	4.98	53	309	0.222	ug/l #	76
16) Acetone	3.82	43	7416	7.145	ug/l	92
17) Carbon Disulfide	4.05	76	3529	0.352	ug/l #	76
18) Methyl Acetate	4.33	43	3358	1.016	ug/l	98
20) Methylene Chloride	4.56	84	180692	45.690	ug/l	94
25) 2-Butanone	6.85	43	1549	0.952	ug/l #	50
29) Tetrahydrofuran	7.20	42	310	0.286	ug/l #	51
30) Chloroform	7.38	83	1732	0.226	ug/l	99
31) Cyclohexane	7.66	56	3726	Below Cal	#	26
36) 1,1-Dichloropropene	7.67	75	25415	4.537	ug/l #	53
38) Carbon Tetrachloride	7.67	117	33841	7.006	ug/l #	18
43) Isopropyl Acetate	8.17	43	164379	24.648	ug/l	99
47) Bromodichloromethane	9.40	83	1223	0.227	ug/l #	67
48) Methyl methacrylate	9.19	41	3834	1.134	ug/l #	22
49) 1,4-Dioxane	9.35	88	32	26.161	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	919	0.254	ug/l #	38
59) 2-Hexanone	10.77	43	10302	3.988	ug/l #	62
68) m/p-Xylenes	11.62	106	2802	0.390	ug/l	100
71) Bromoform	12.39	173	1181	2.675	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	151522	38.413	ug/l #	100
79) 2-Chlorotoluene	12.67	91	2668	0.205	ug/l	83
80) 1,3,5-Trimethylbenzene	12.73	105	3272	0.218	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	151522	127.498	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	6059	0.406	ug/l	99
86) p-Isopropyltoluene	13.29	119	3398	0.232	ug/l	82
87) 1,3-Dichlorobenzene	13.29	146	1590	0.226	ug/l	80
88) 1,4-Dichlorobenzene	13.29	146	1590	0.226	ug/l	83
89) n-Butylbenzene	13.61	91	3904	0.279	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	2009	0.304	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.28	75	96	1.067	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2535	1.030	ug/l	88
94) Hexachlorobutadiene	15.01	225	1305	0.947	ug/l #	51
95) Naphthalene	15.13	128	35210	5.703	ug/l	98

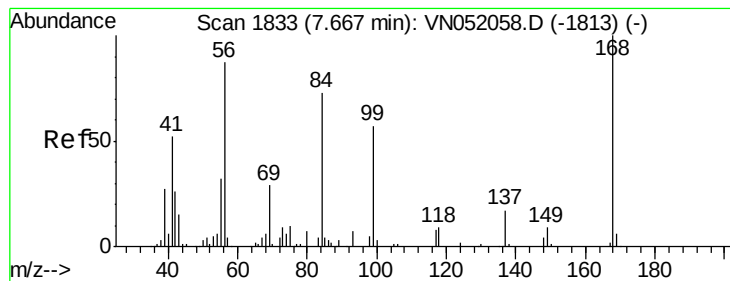
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
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QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2928	1.378	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

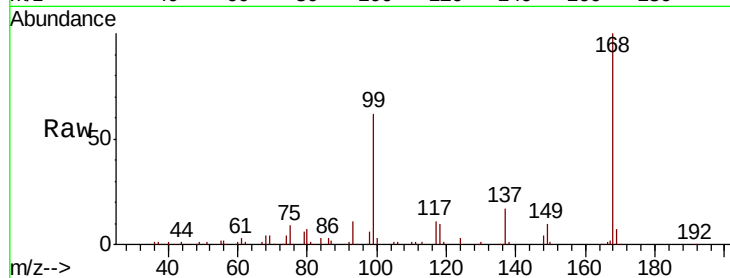
AU-05-103118-B

Tgt Ion:168 Resp: 303002

Ion Ratio Lower Upper

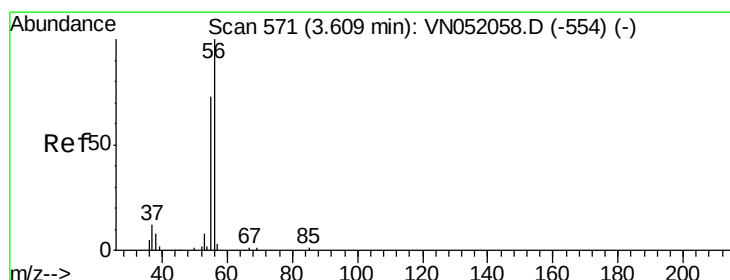
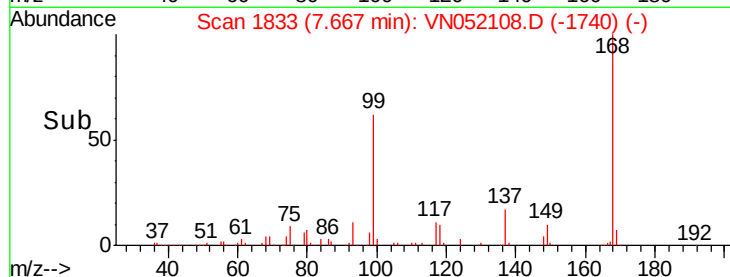
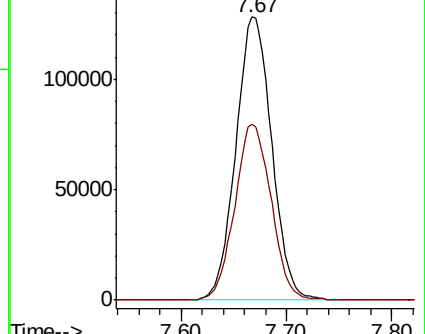
168 100

99 62.0 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#13

Acrolein

Concen: 25.237 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052108.D

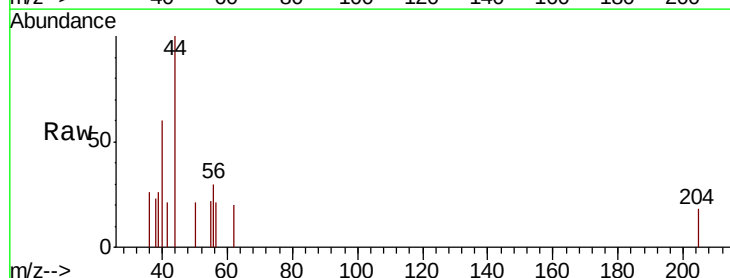
Acq: 1 Nov 2018 17:36

Tgt Ion: 56 Resp: 325

Ion Ratio Lower Upper

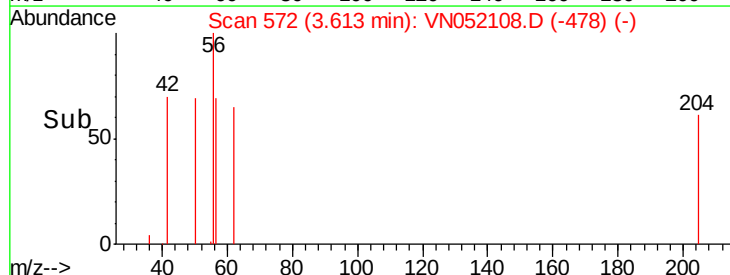
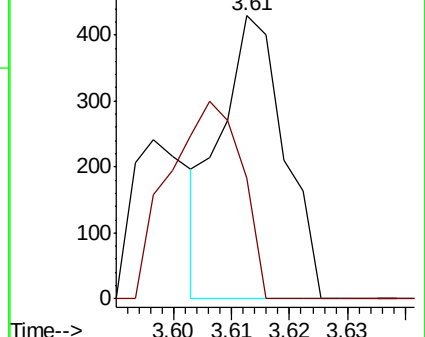
56 100

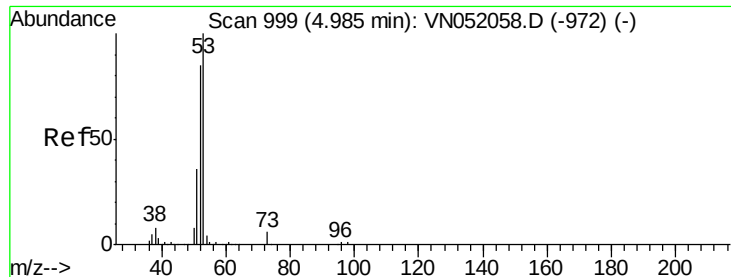
55 80.3 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN





#15

Acrylonitrile

Concen: 0.222 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

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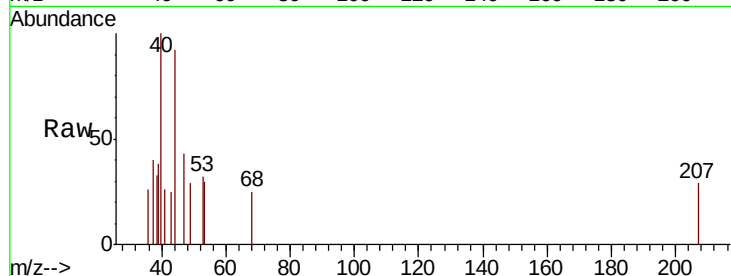
Tgt Ion: 53 Resp: 309

Ion Ratio Lower Upper

53 100

52 89.6 66.6 100.0

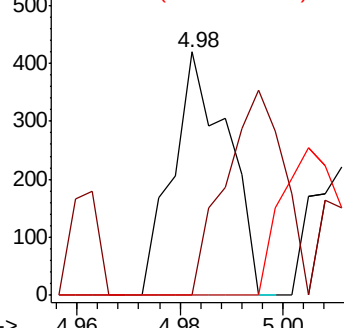
51 0.0 29.0 43.6#



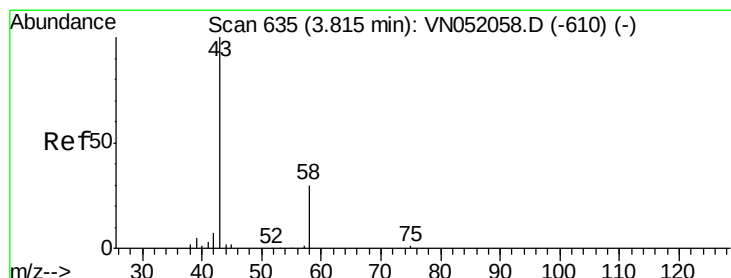
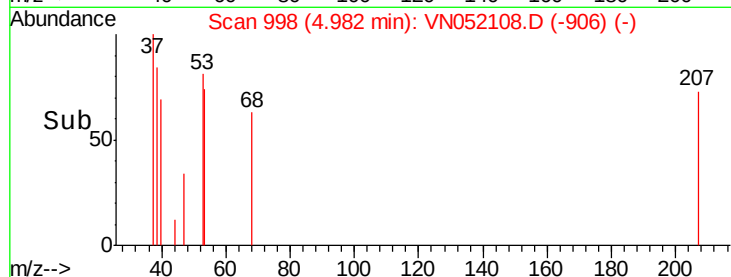
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 7.145 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052108.D

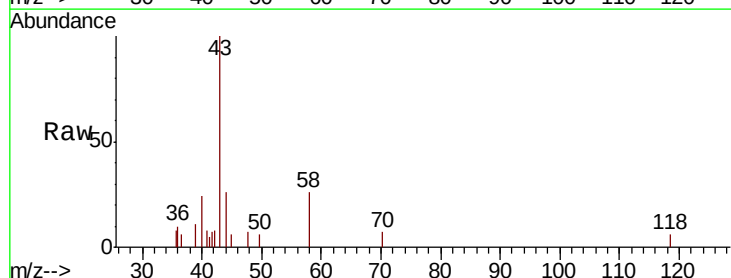
Acq: 1 Nov 2018 17:36

Tgt Ion: 43 Resp: 7416

Ion Ratio Lower Upper

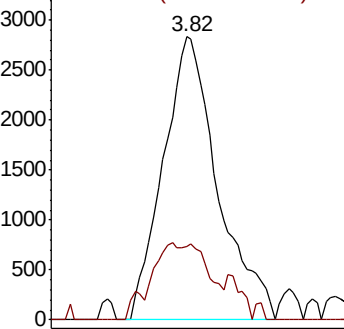
43 100

58 26.1 24.2 36.2

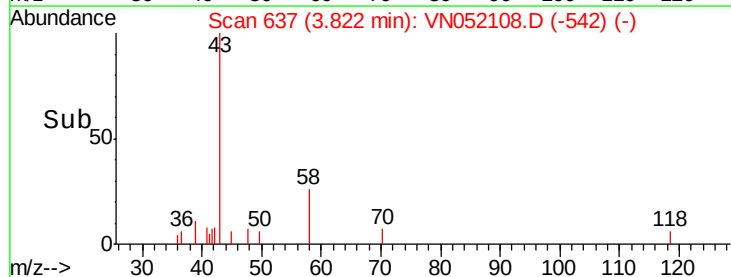


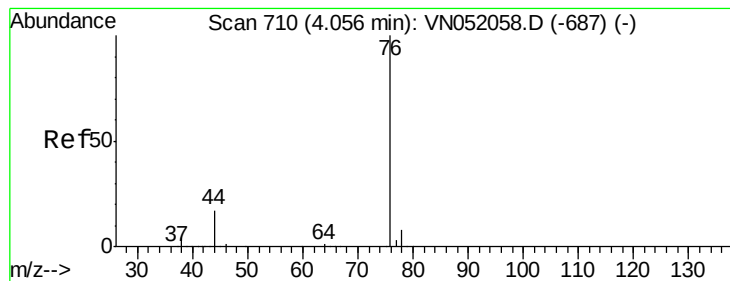
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#17

Carbon Disulfide

Concen: 0.352 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

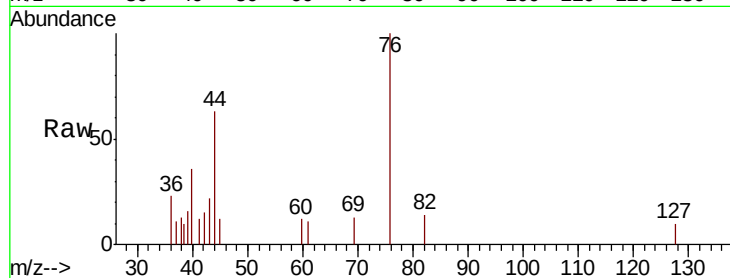
AU-05-103118-B

Tgt Ion: 76 Resp: 3529

Ion Ratio Lower Upper

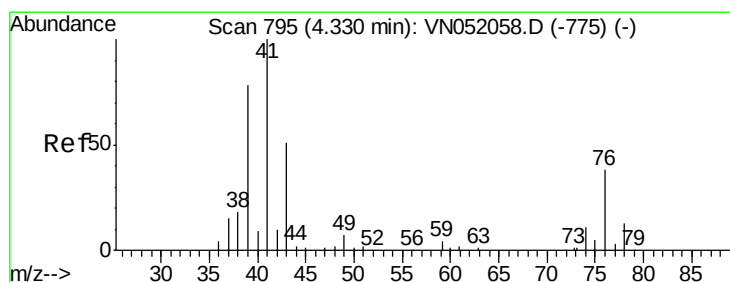
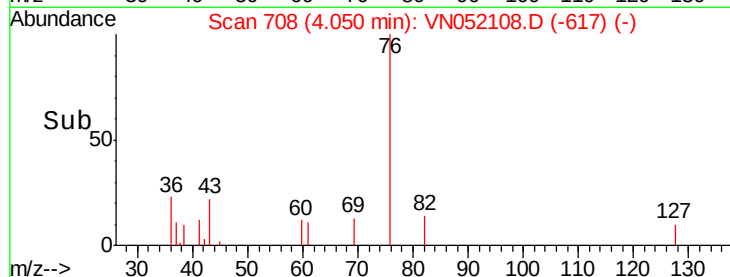
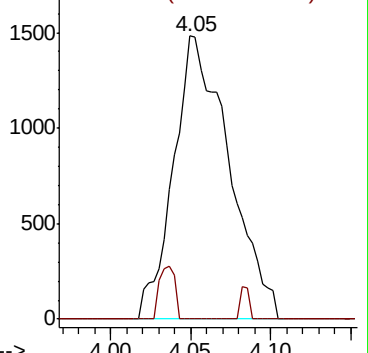
76 100

78 0.0 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.016 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052108.D

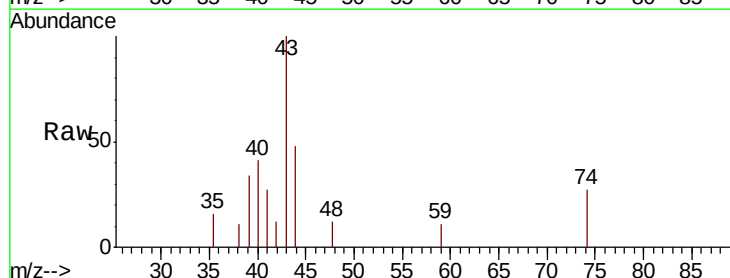
Acq: 1 Nov 2018 17:36

Tgt Ion: 43 Resp: 3358

Ion Ratio Lower Upper

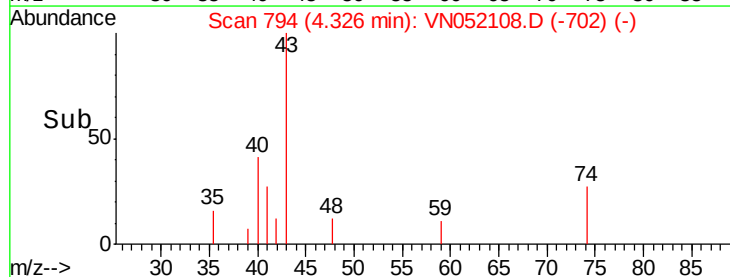
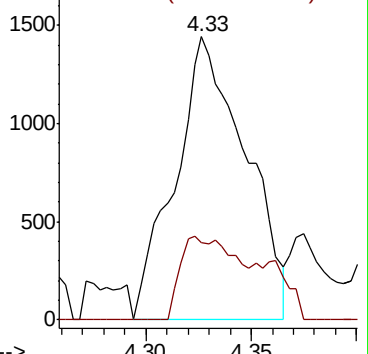
43 100

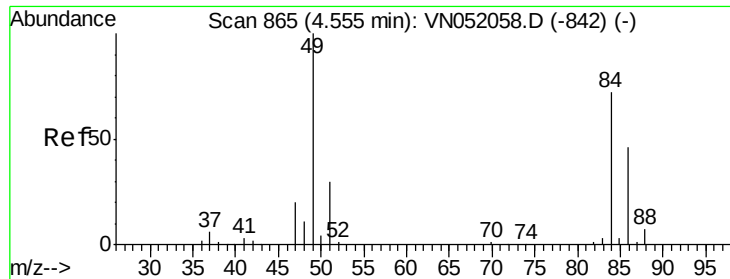
74 23.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

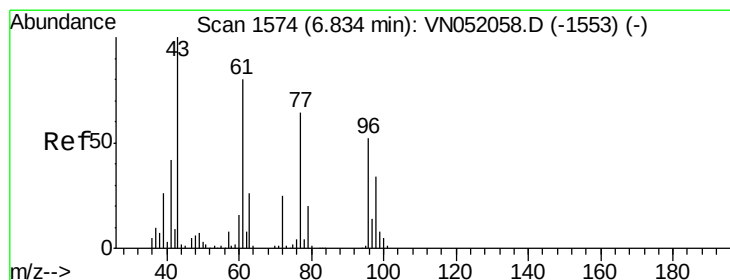
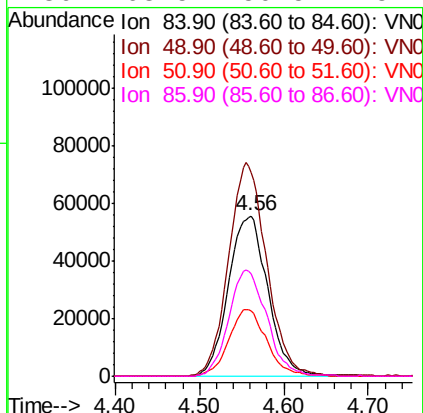
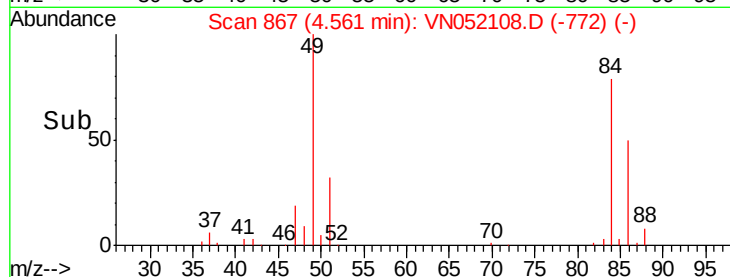
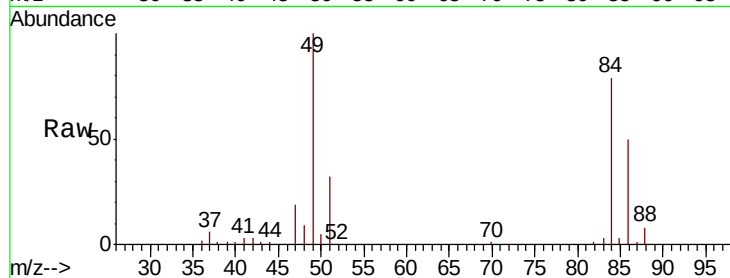




#20
Methylene Chloride
Concen: 45.690 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

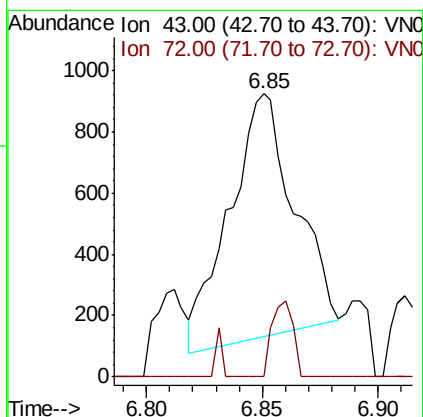
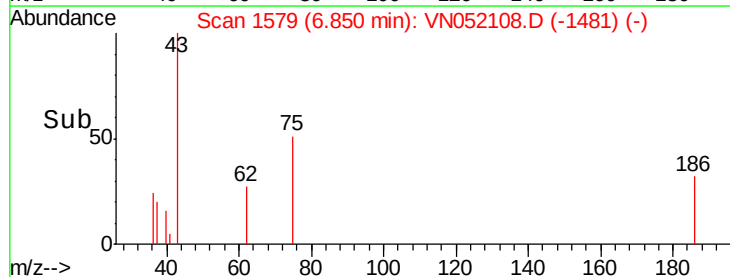
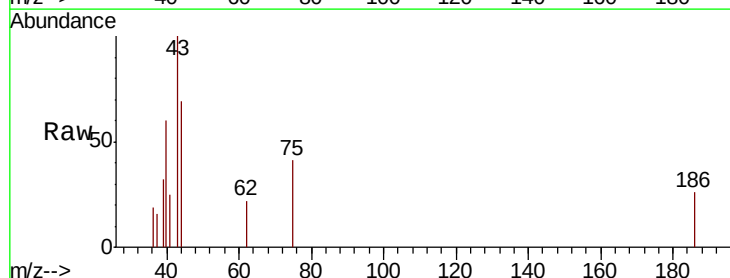
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

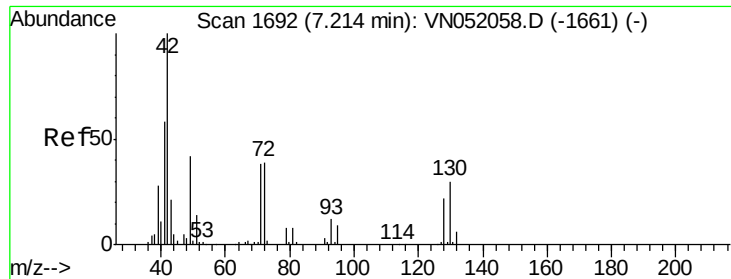
Tgt Ion: 84 Resp: 180692
Ion Ratio Lower Upper
84 100
49 126.3 110.6 165.8
51 40.6 33.7 50.5
86 63.5 50.5 75.7



#25
2-Butanone
Concen: 0.952 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.286 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

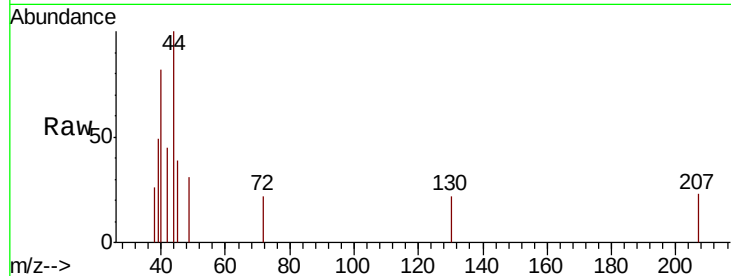
Tgt Ion: 42 Resp: 310

Ion Ratio Lower Upper

42 100

72 19.0 32.5 48.7#

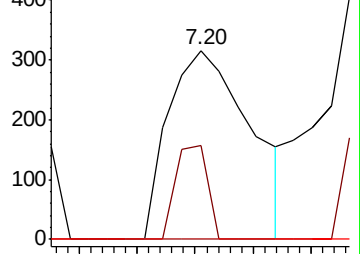
71 0.0 30.6 46.0#



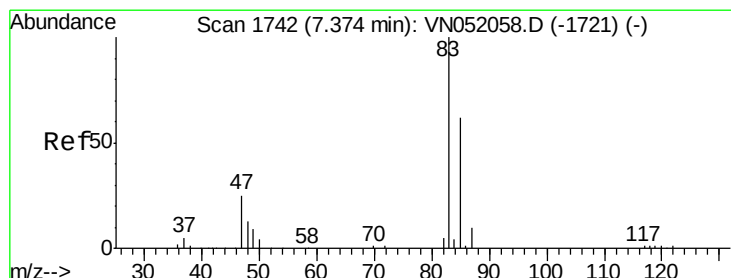
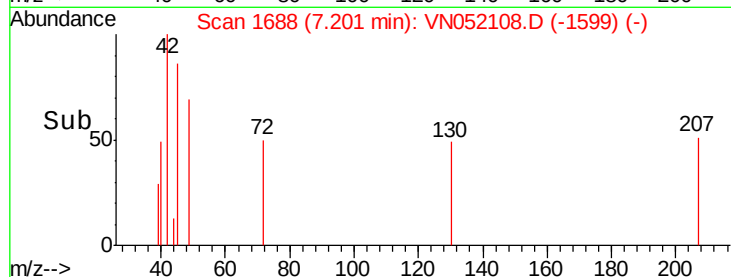
Abundance Ion 42.00 (41.70 to 42.70): VN052108.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN052108.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN052108.D (-1661) (-)



Time-->



#30

Chloroform

Concen: 0.226 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN052108.D

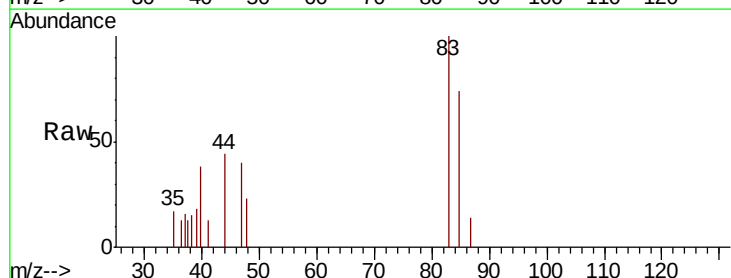
Acq: 1 Nov 2018 17:36

Tgt Ion: 83 Resp: 1732

Ion Ratio Lower Upper

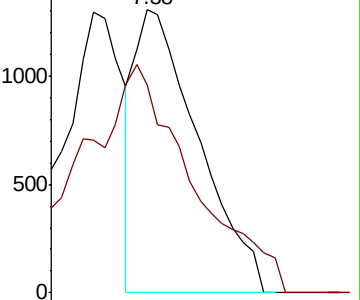
83 100

85 60.9 49.6 74.4

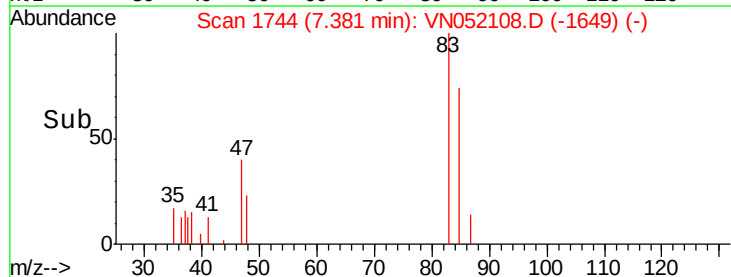


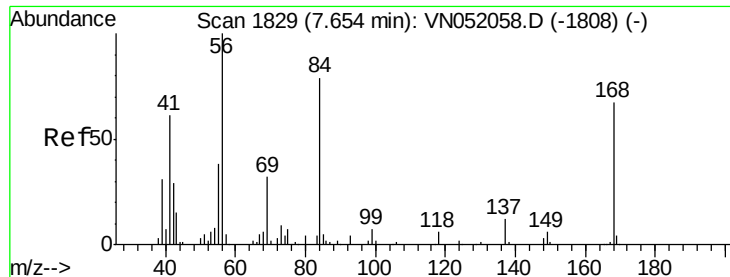
Abundance Ion 82.90 (82.60 to 83.60): VN052108.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN052108.D (-1649) (-)



Time-->

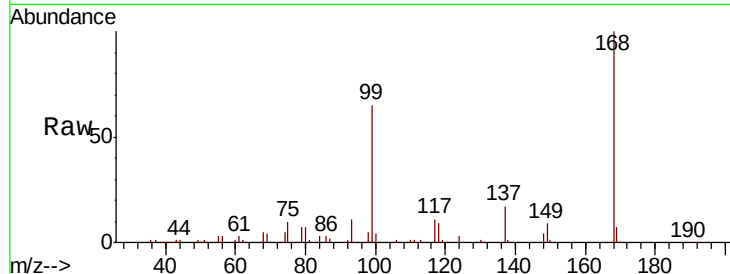




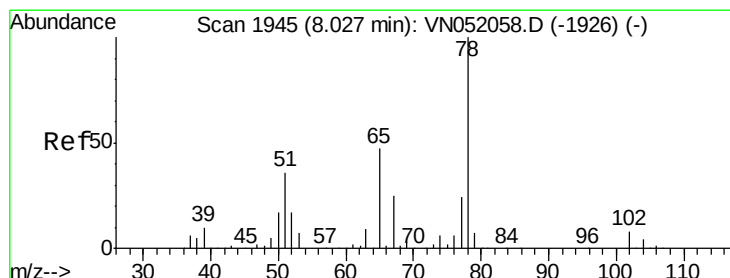
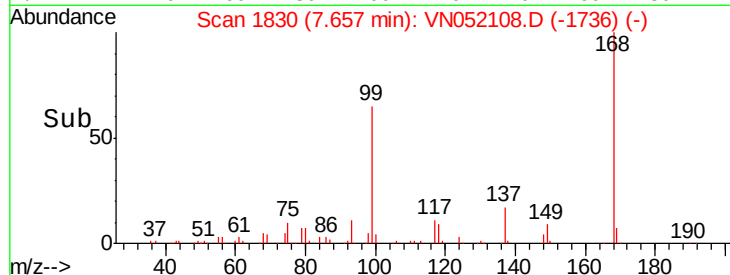
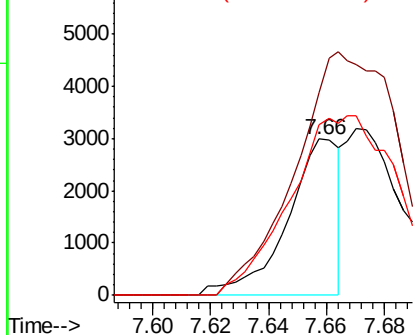
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

Tgt Ion: 56 Resp: 3726
Ion Ratio Lower Upper
56 100
69 129.8 25.8 38.6#
84 109.1 63.5 95.3#

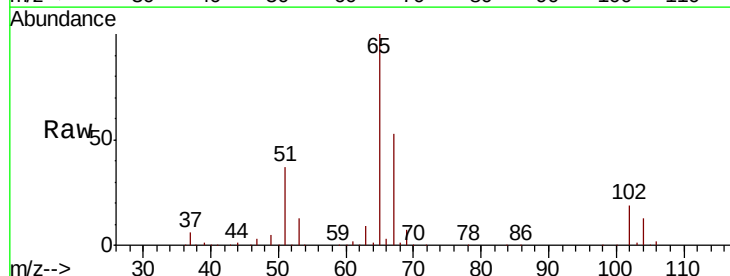


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

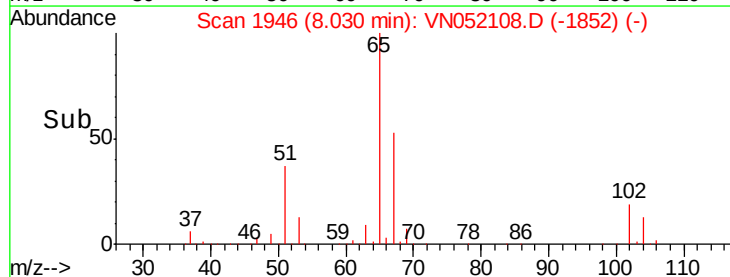
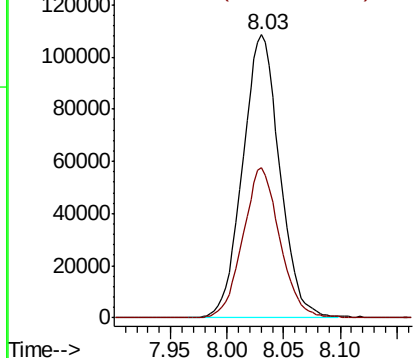


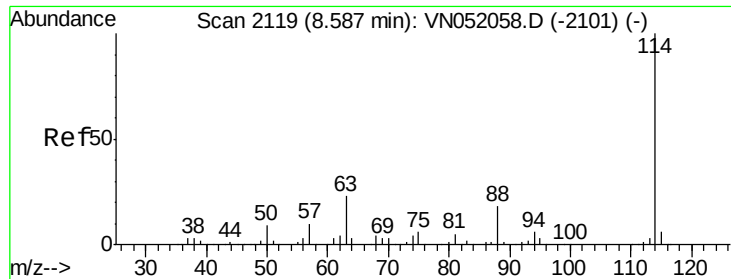
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 65 Resp: 246918
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

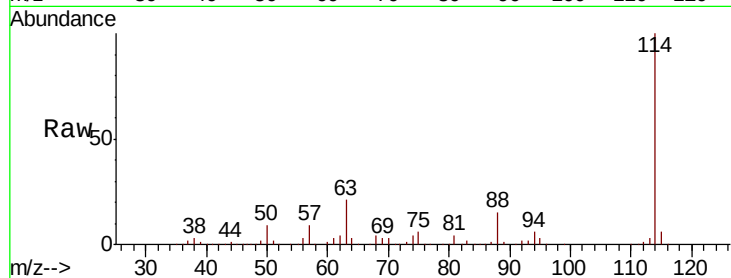




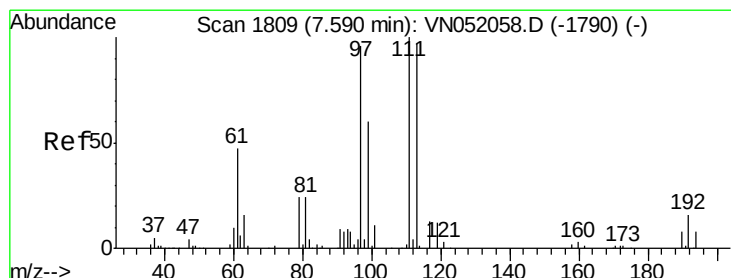
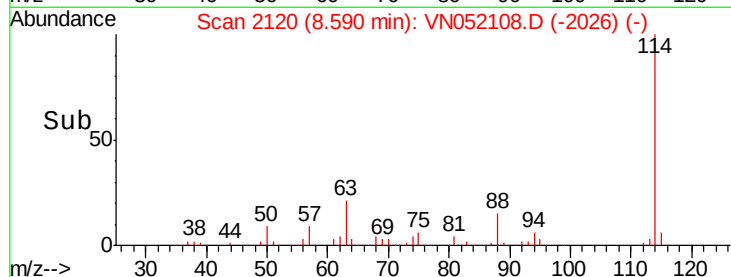
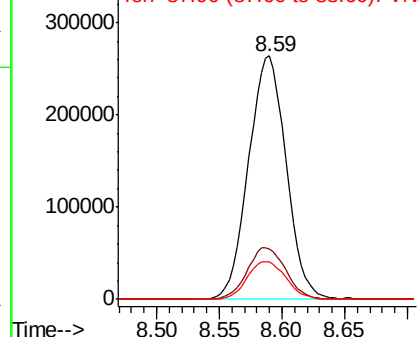
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Instrument :
 MSVOA_N
 ClientSampled :
 AU-05-103118-B

Tgt Ion:114 Resp: 550949
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 46.0
 88 15.3 0.0 35.4

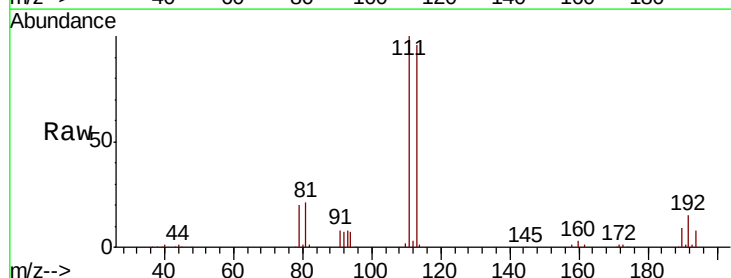


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

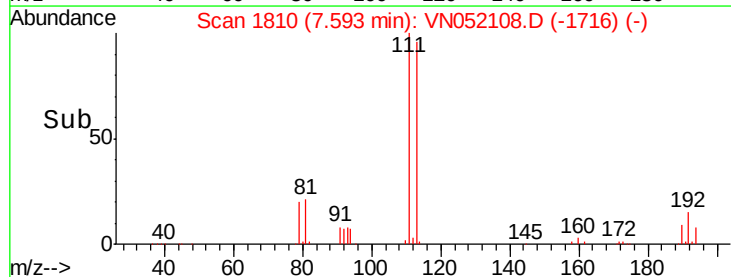
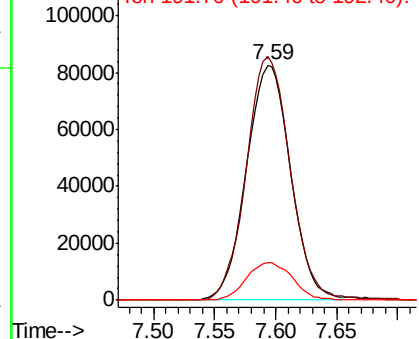


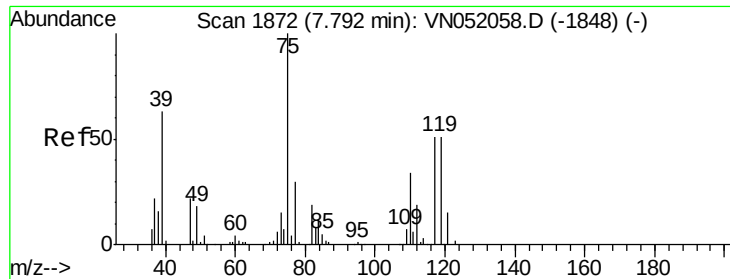
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion:113 Resp: 207225
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 16.6 12.7 19.1



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

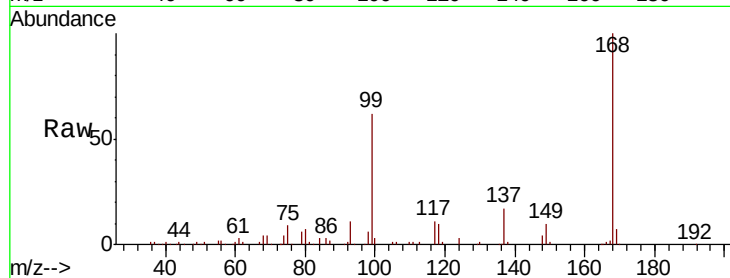




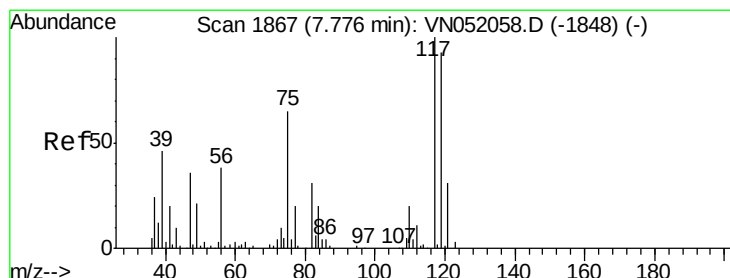
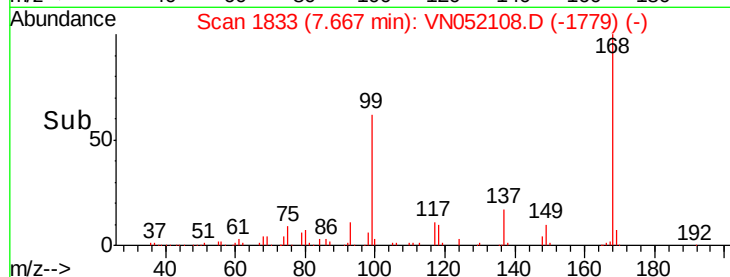
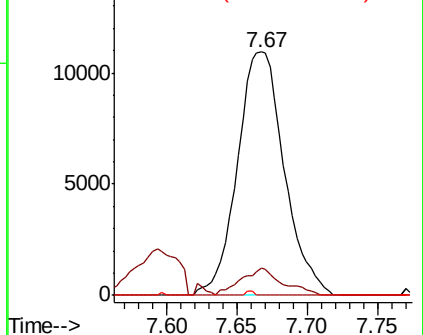
#36
 1,1-Dichloropropene
 Concen: 4.537 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

Tgt Ion: 75 Resp: 25415
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.0 48.0#
 77 0.3 24.5 36.7#

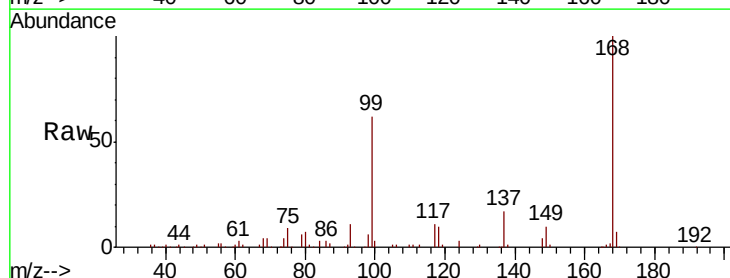


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

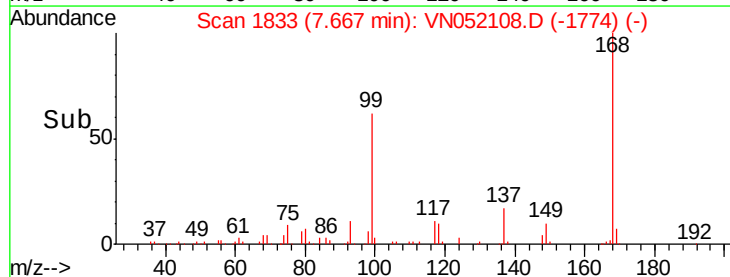
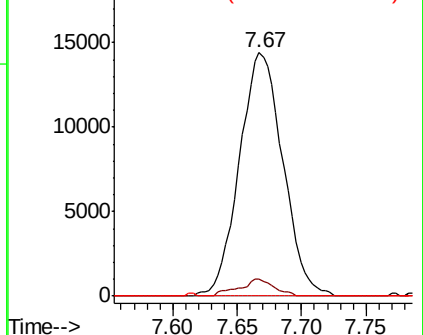


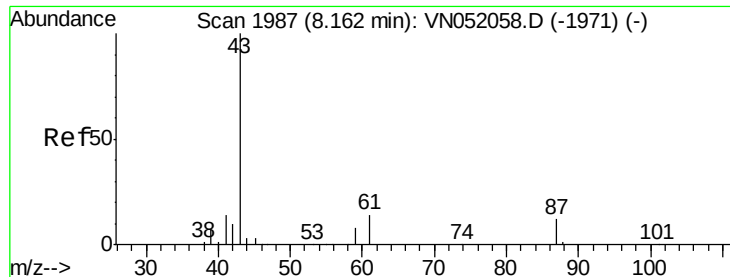
#38
 Carbon Tetrachloride
 Concen: 7.006 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion: 117 Resp: 33841
 Ion Ratio Lower Upper
 117 100
 119 6.8 74.8 112.2#
 121 0.0 25.1 37.7#



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

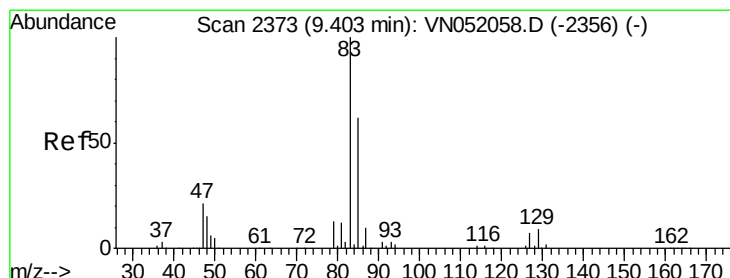
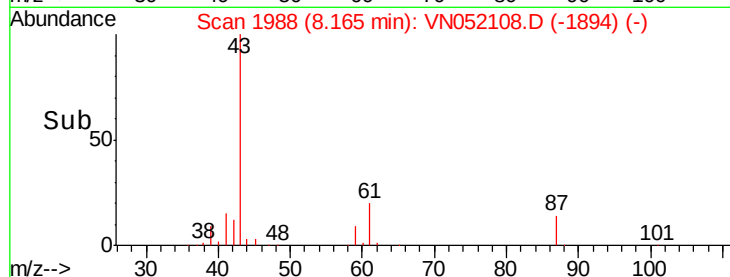
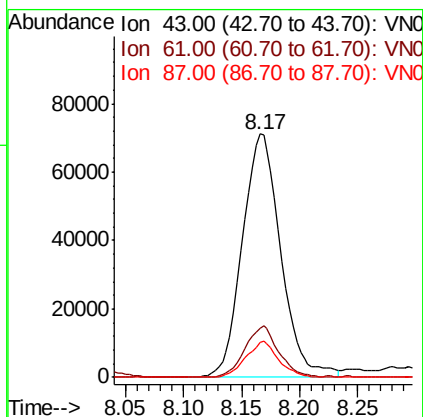
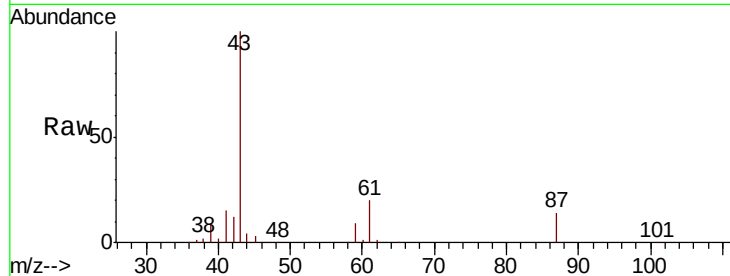




#43
Isopropyl Acetate
Concen: 24.648 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

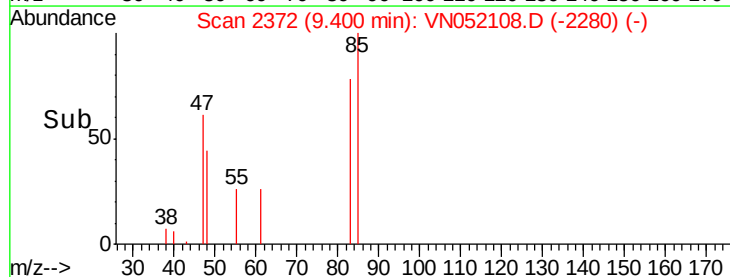
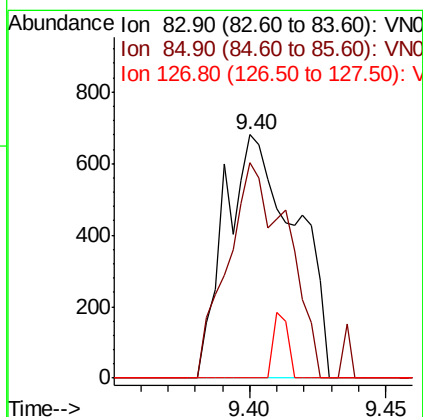
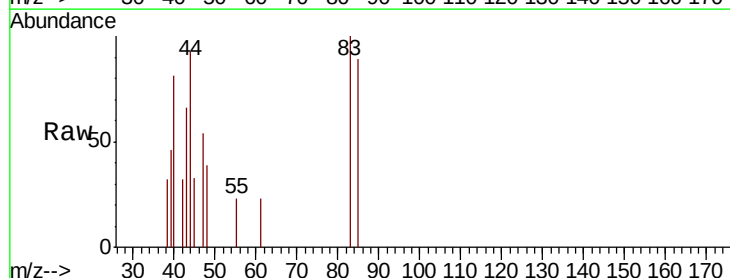
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

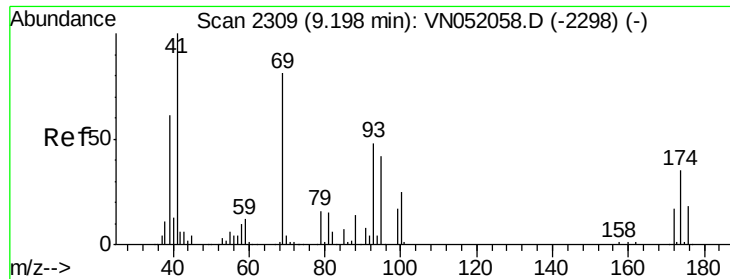
Tgt Ion: 43 Resp: 164379
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 12.6 9.8 14.8



#47
Bromodichloromethane
Concen: 0.227 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 83 Resp: 1223
Ion Ratio Lower Upper
83 100
85 88.5 49.4 74.2#
127 0.0 5.8 8.8#

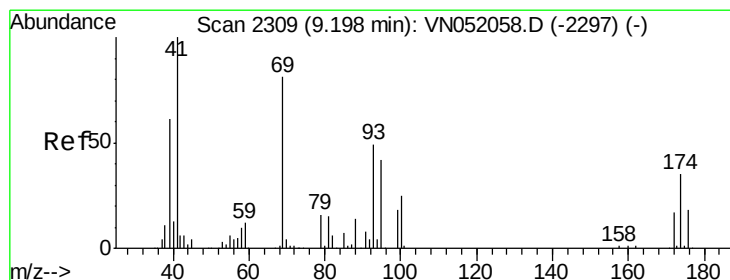
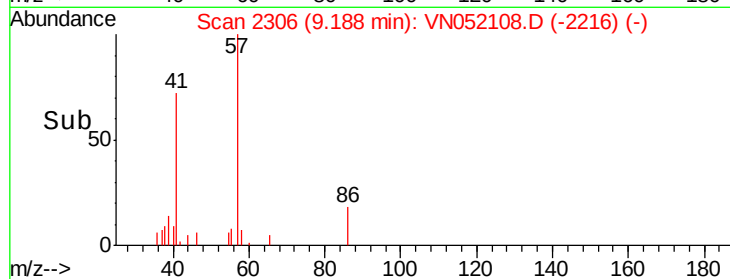
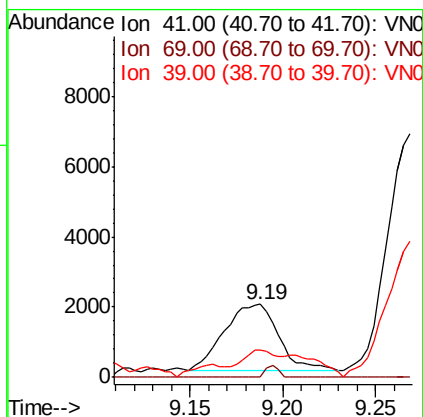
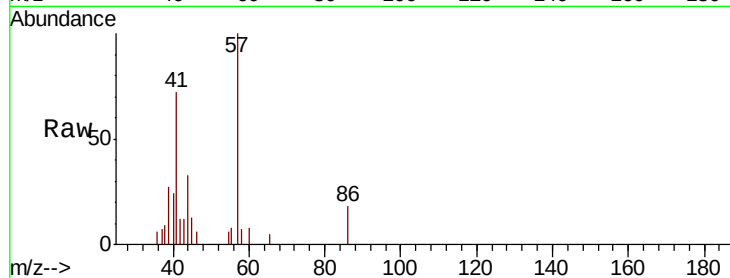




#48
Methyl methacrylate
Concen: 1.134 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

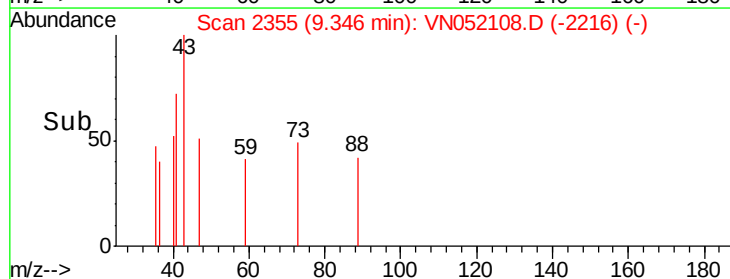
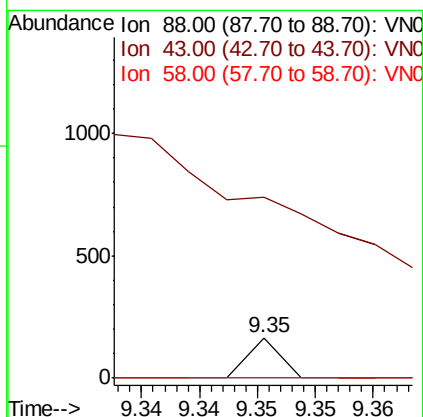
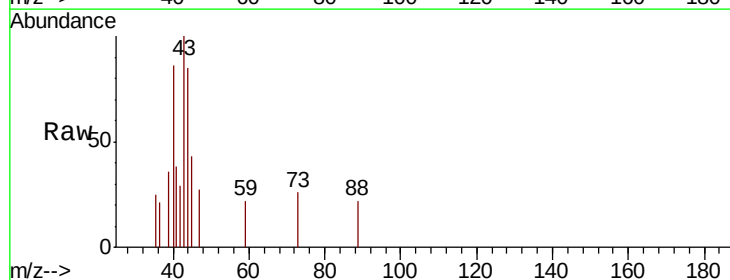
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

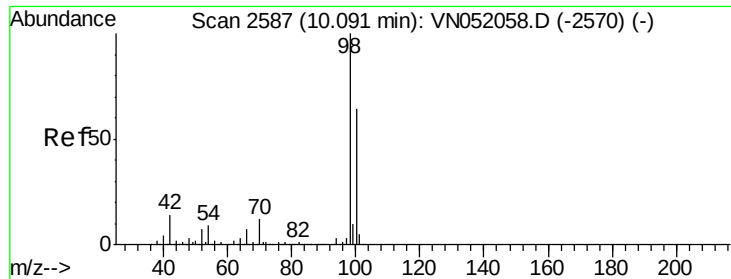
Tgt Ion: 41 Resp: 3834
Ion Ratio Lower Upper
41 100
69 4.0 67.1 100.7#
39 13.7 50.5 75.7#



#49
1,4-Dioxane
Concen: 26.161 ug/l
RT: 9.35 min Scan# 2355
Delta R.T. 0.15 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 34.1 51.1#
58 0.0 62.8 94.2#

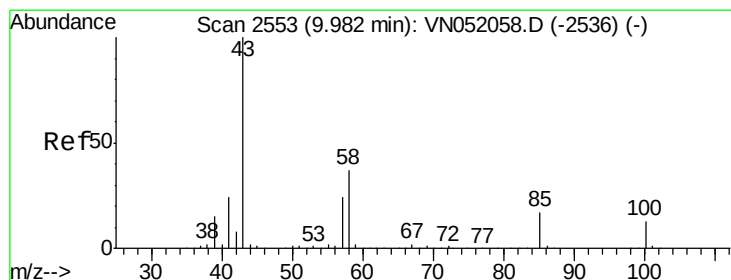
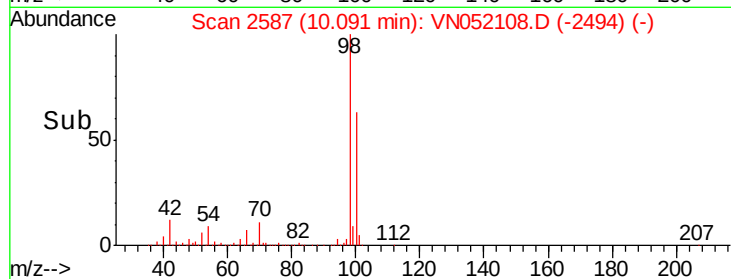
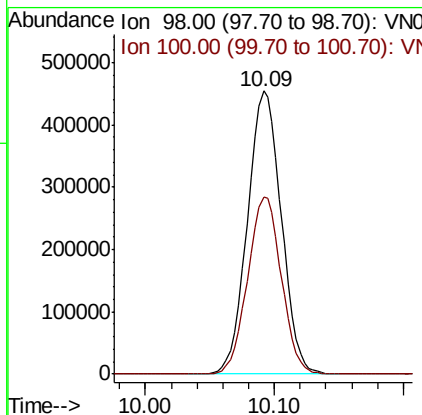
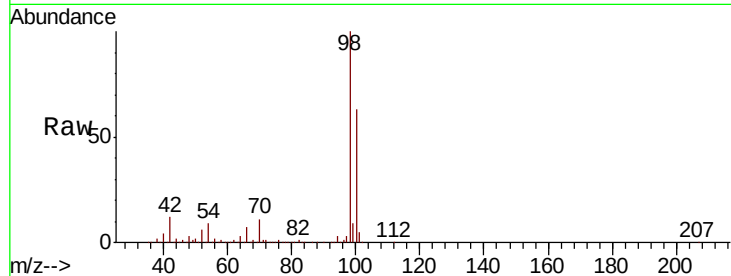




#50
Toluene-d8
Concen: 26.161 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

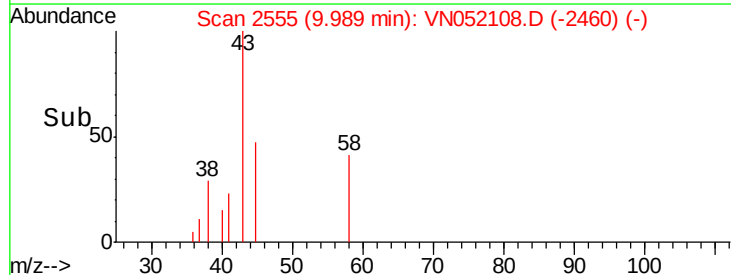
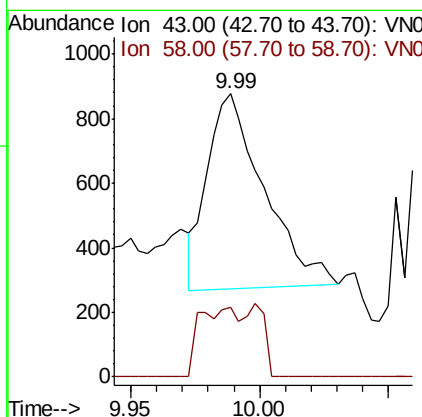
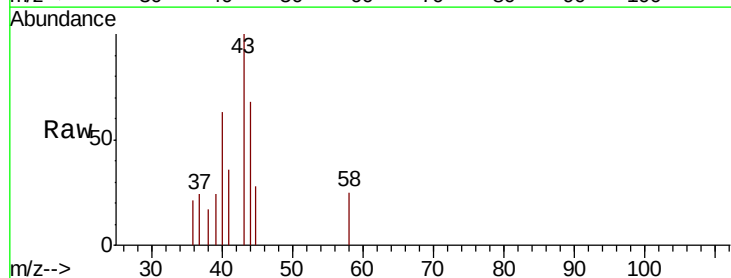
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

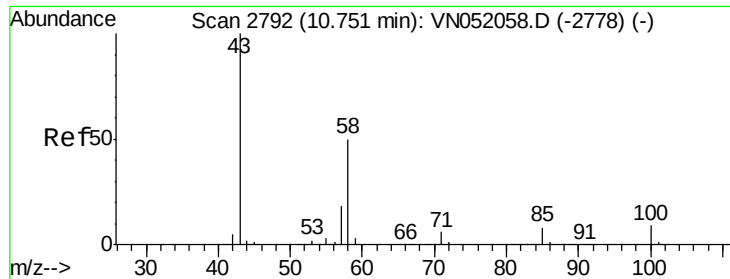
Tgt Ion: 98 Resp: 831383
Ion Ratio Lower Upper
98 100
100 62.3 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.01 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#

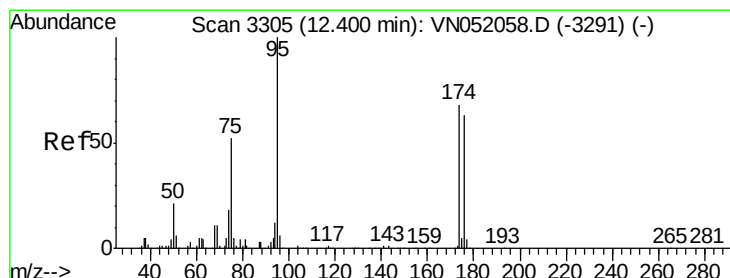
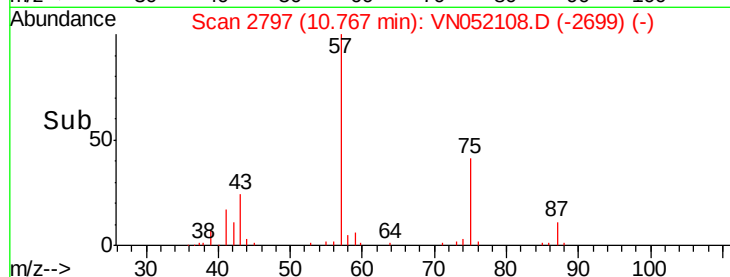
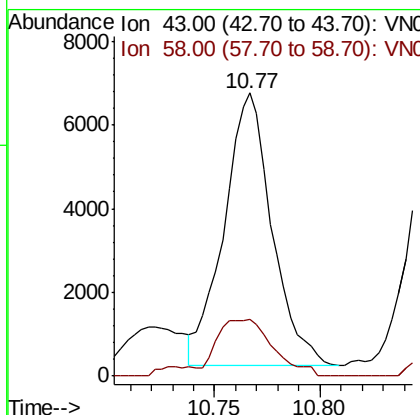
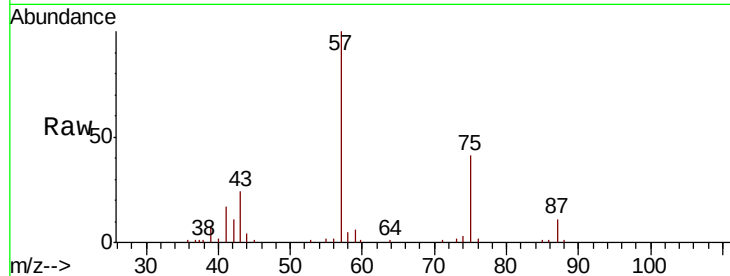




#59
2-Hexanone
Concen: 3.988 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

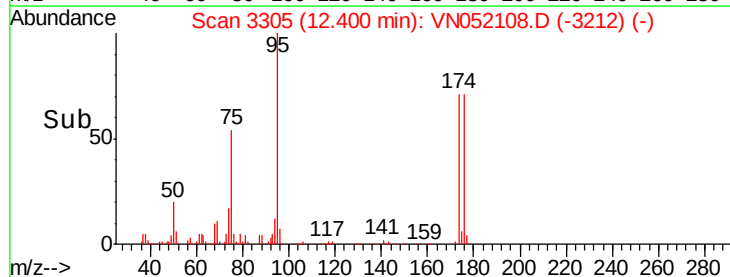
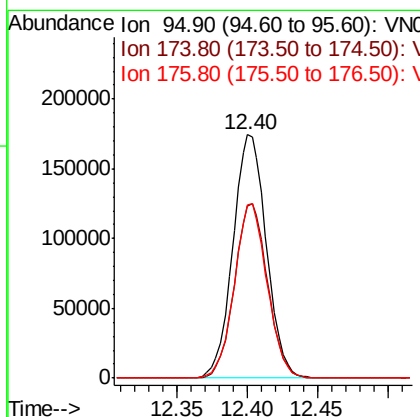
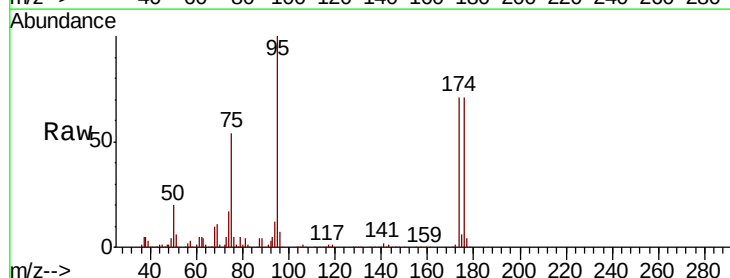
Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

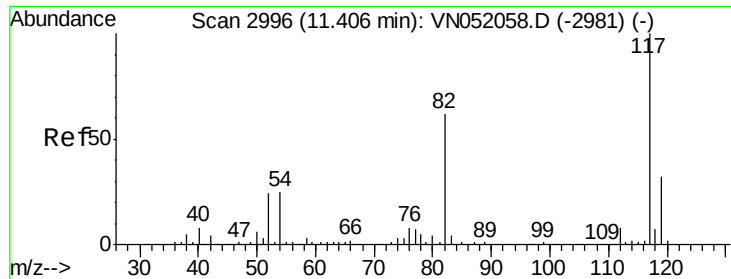
Tgt Ion: 43 Resp: 10302
Ion Ratio Lower Upper
43 100
58 24.3 25.2 75.6#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion: 95 Resp: 288994
Ion Ratio Lower Upper
95 100
174 71.1 0.0 131.8
176 70.3 0.0 126.0

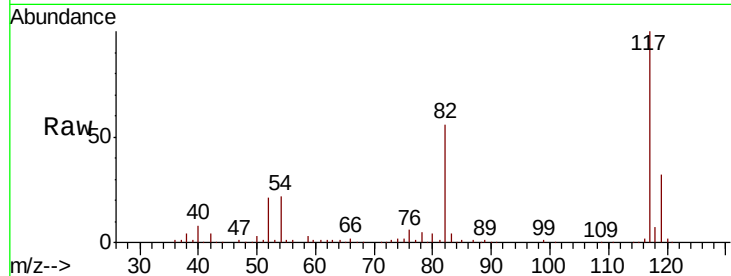




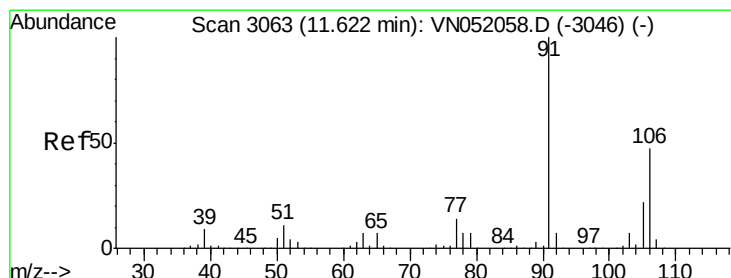
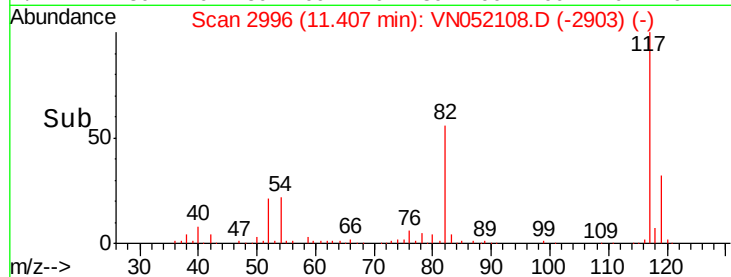
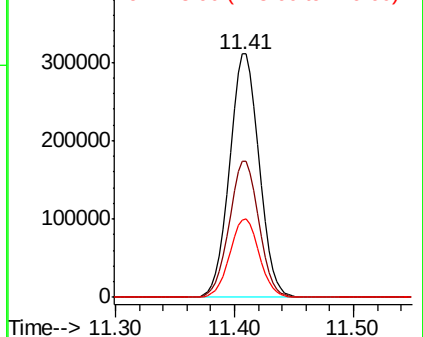
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Instrument :
MSVOA_N
ClientSampleId :
AU-05-103118-B

Tgt Ion:117 Resp: 534592
Ion Ratio Lower Upper
117 100
82 56.1 49.9 74.9
119 31.9 25.7 38.5

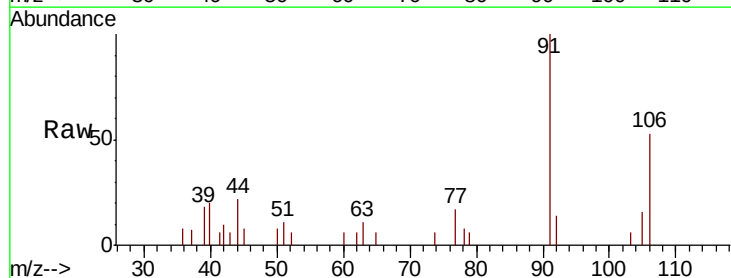


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

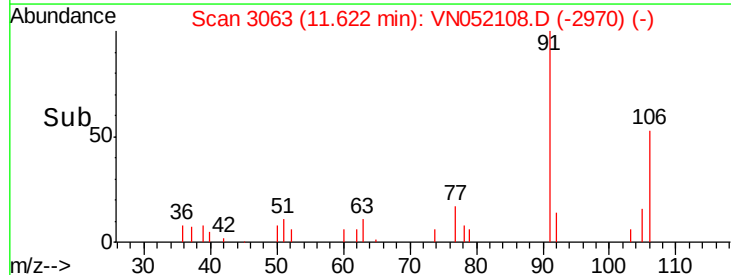
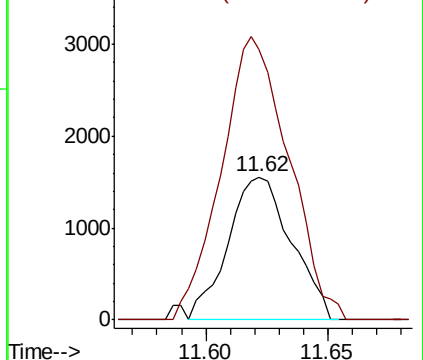


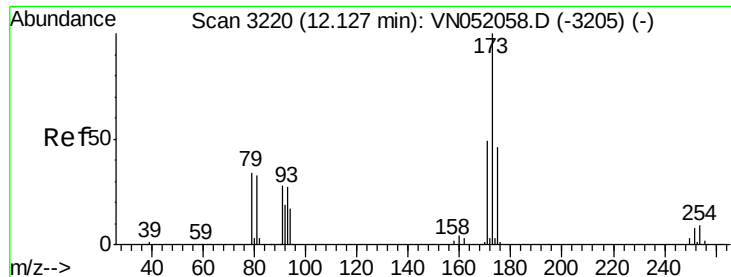
#68
m/p-Xylenes
Concen: 0.390 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052108.D
Acq: 1 Nov 2018 17:36

Tgt Ion:106 Resp: 2802
Ion Ratio Lower Upper
106 100
91 211.2 168.7 253.1



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





#71

Bromoform

Concen: 2.675 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

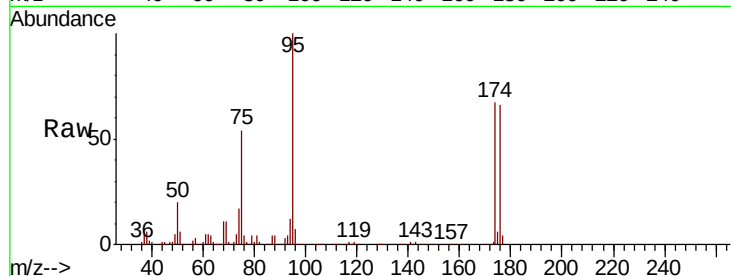
Tgt Ion:173 Resp: 1181

Ion Ratio Lower Upper

173 100

175 1219.4 23.9 71.7#

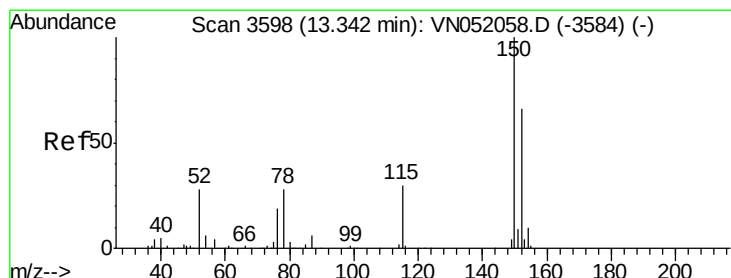
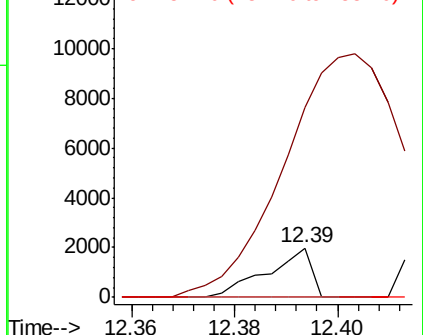
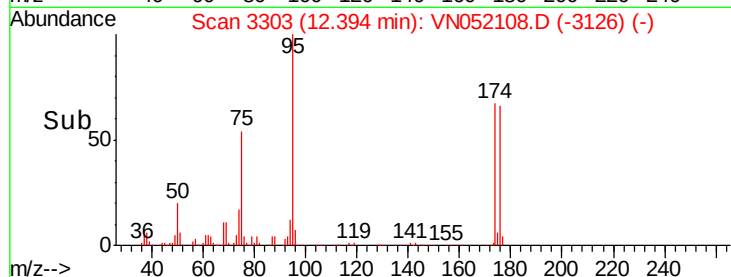
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

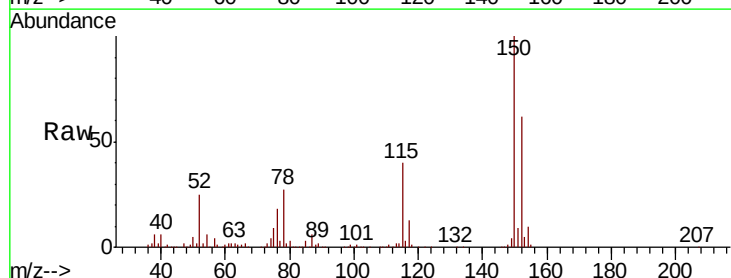
Tgt Ion:152 Resp: 215486

Ion Ratio Lower Upper

152 100

115 64.2 31.6 95.0

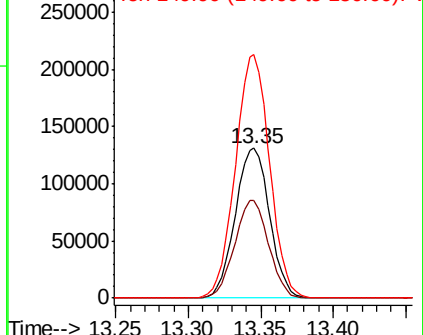
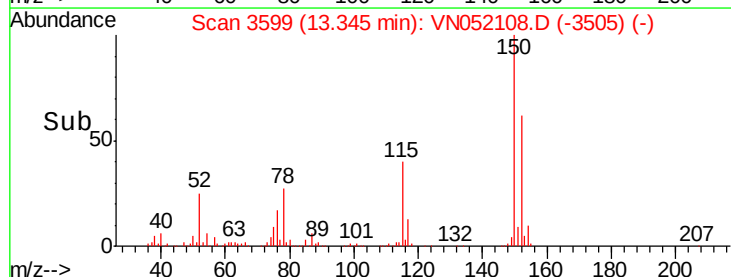
150 161.7 0.0 345.0

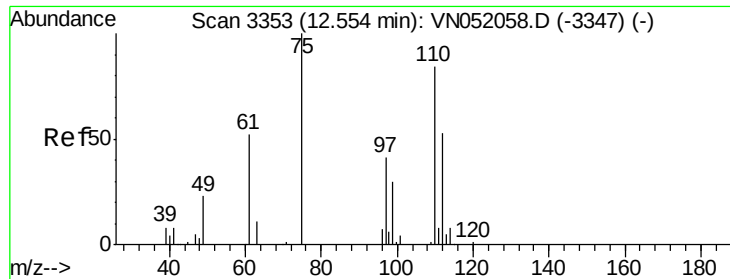


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

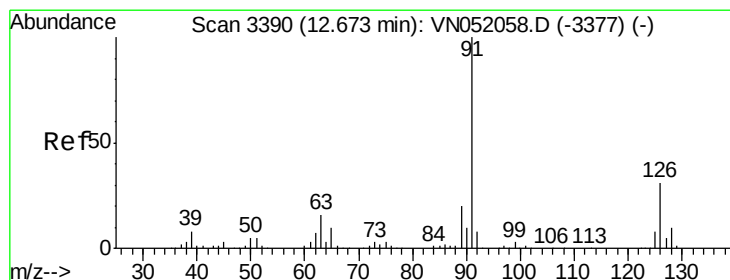
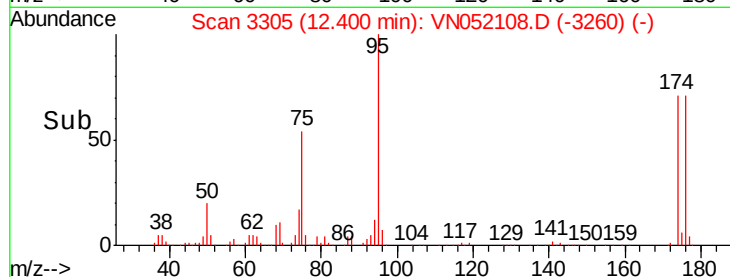
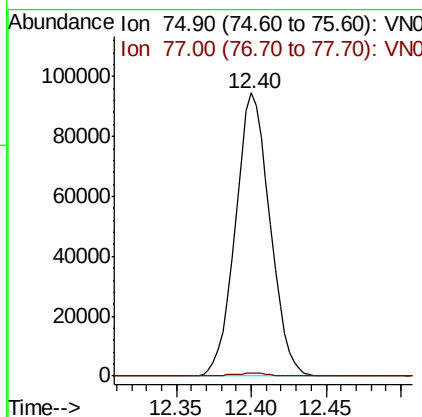
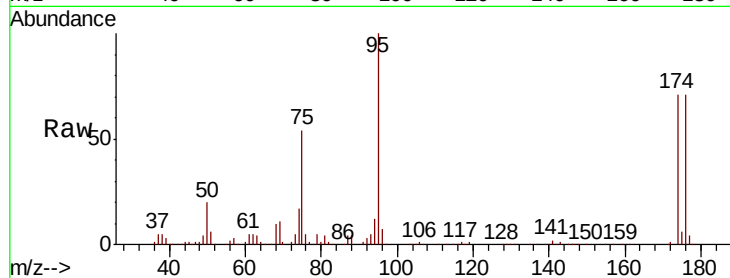




#76
 1,2,3-Trichloropropane
 Concen: 38.413 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

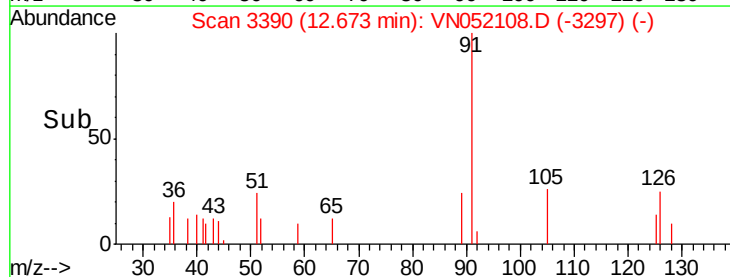
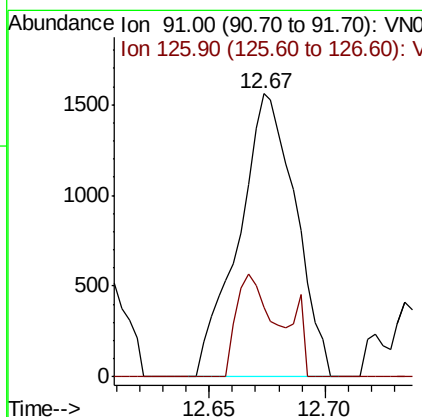
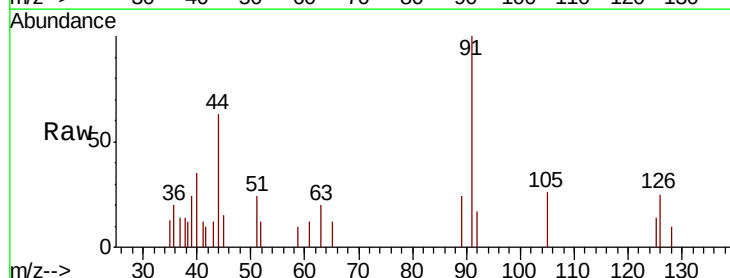
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

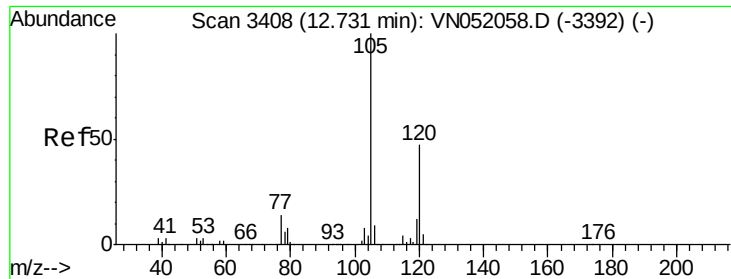
Tgt Ion: 75 Resp: 151522
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 0.205 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion: 91 Resp: 2668
 Ion Ratio Lower Upper
 91 100
 126 22.4 15.9 47.6

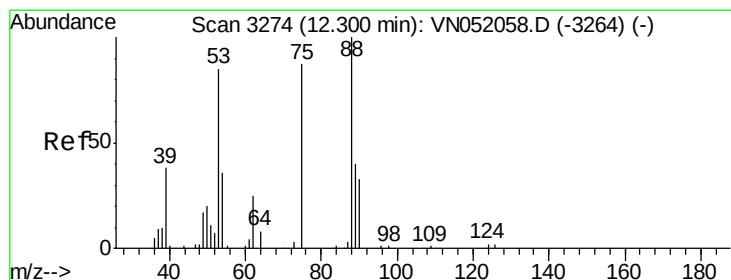
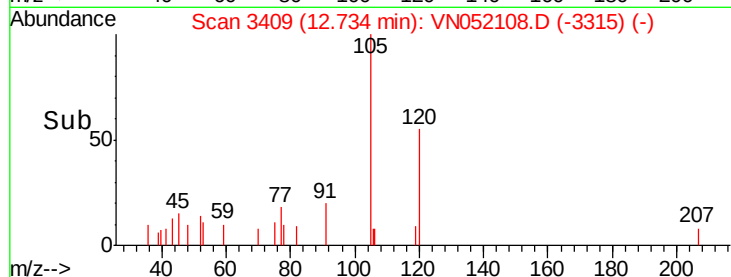
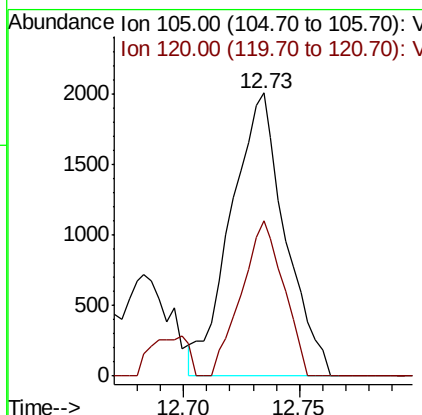
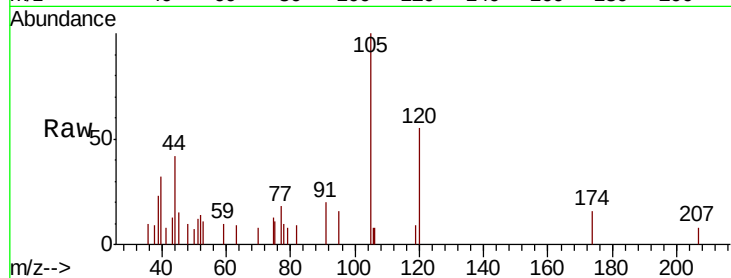




#80
 1,3,5-Trimethylbenzene
 Concen: 0.218 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

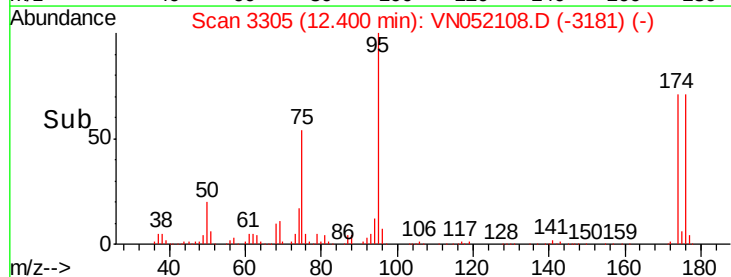
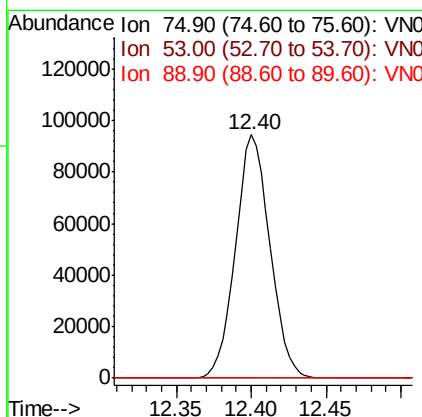
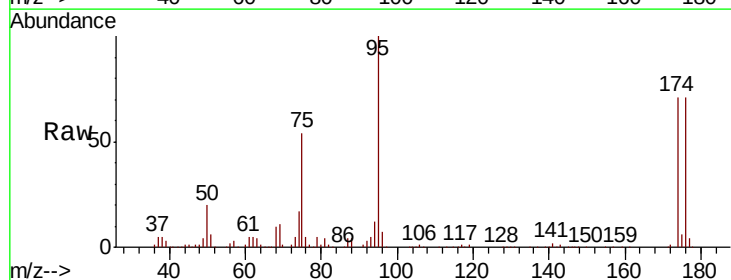
Instrument :
 MSVOA_N
 ClientSampled :
 AU-05-103118-B

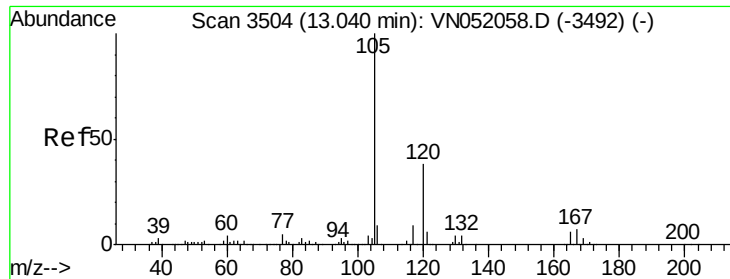
Tgt Ion: 105 Resp: 3272
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.498 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion: 75 Resp: 151522
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.8 122.6#
 89 0.0 36.6 54.8#

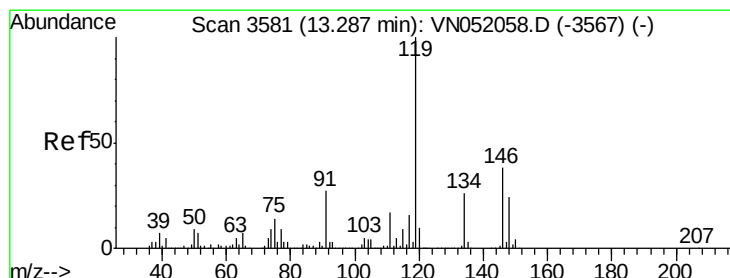
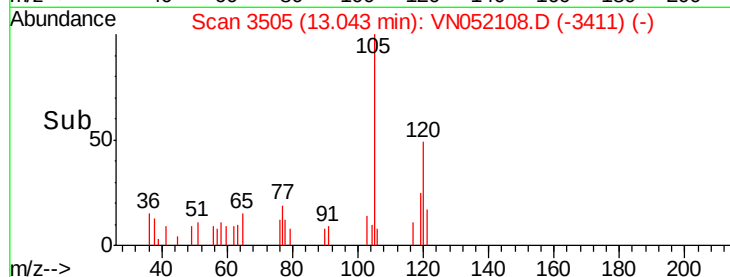
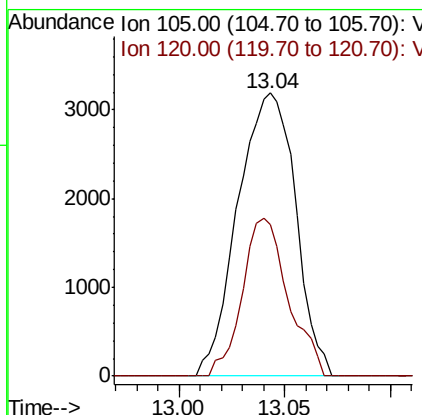
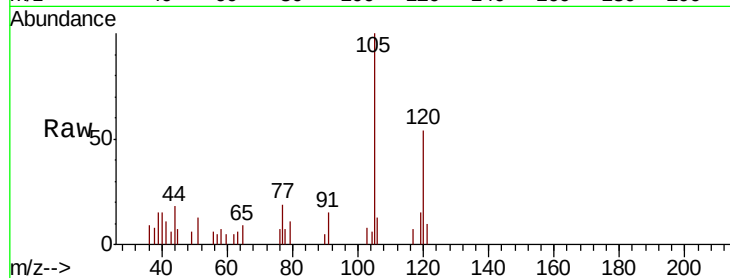




#84
 1,2,4-Trimethylbenzene
 Concen: 0.406 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

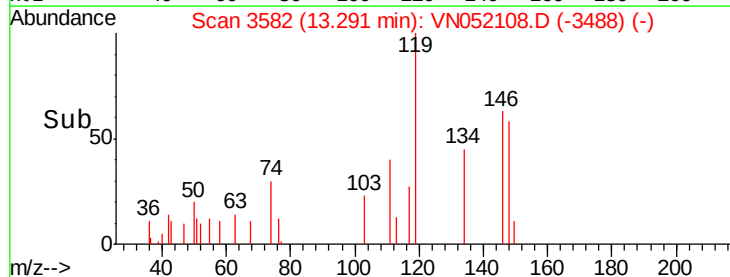
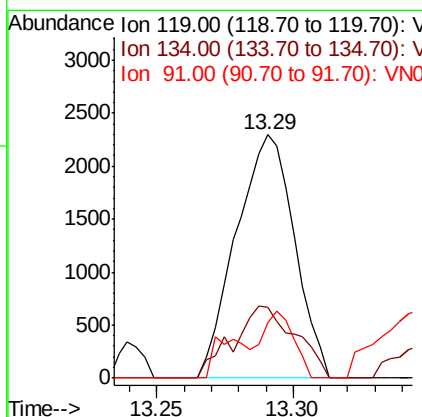
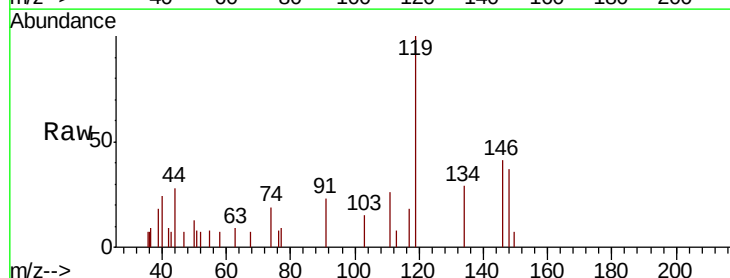
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

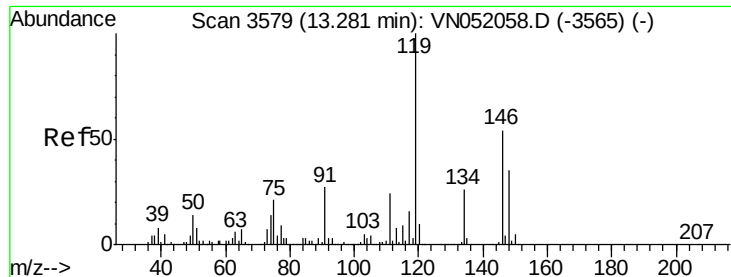
Tgt Ion:105 Resp: 6059
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.5



#86
 p-Isopropyltoluene
 Concen: 0.232 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion:119 Resp: 3398
 Ion Ratio Lower Upper
 119 100
 134 31.7 12.8 38.3
 91 14.7 13.4 40.2

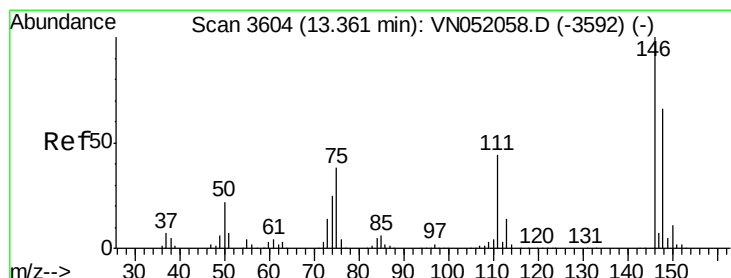
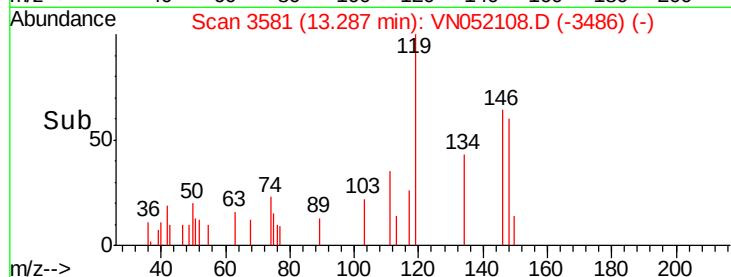
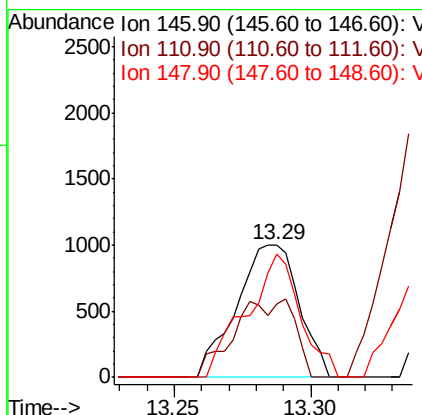
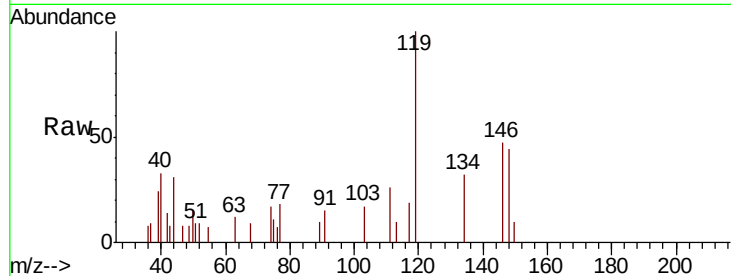




#87
 1,3-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

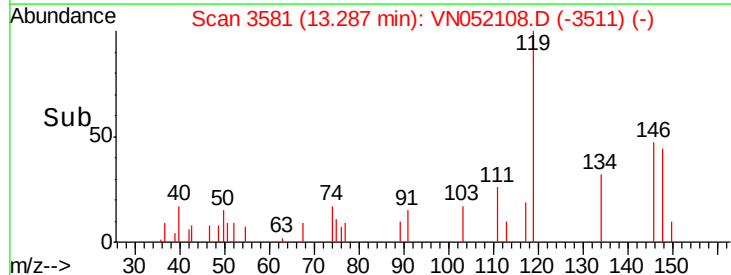
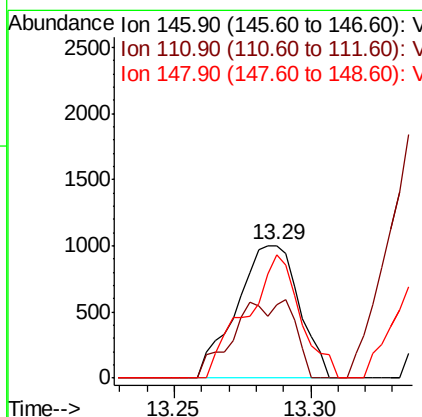
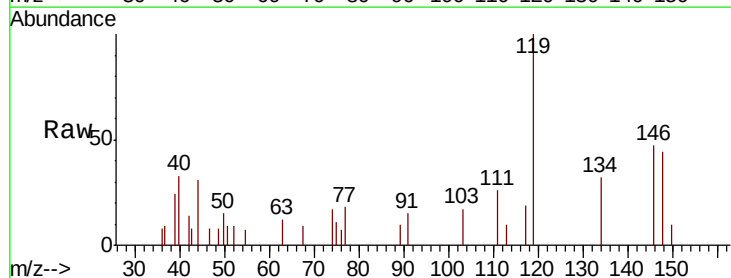
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

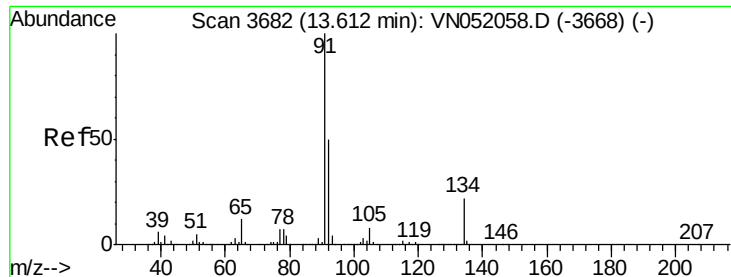
Tgt Ion:146 Resp: 1590
 Ion Ratio Lower Upper
 146 100
 111 35.4 22.9 68.8
 148 80.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.07 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Tgt Ion:146 Resp: 1590
 Ion Ratio Lower Upper
 146 100
 111 35.4 21.9 65.8
 148 80.9 32.6 98.0





#89

n-Butylbenzene

Concen: 0.279 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

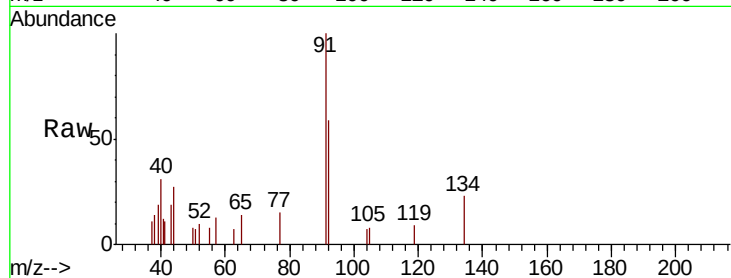
Tgt Ion: 91 Resp: 3904

Ion Ratio Lower Upper

91 100

92 48.4 25.3 75.8

134 19.3 11.2 33.5

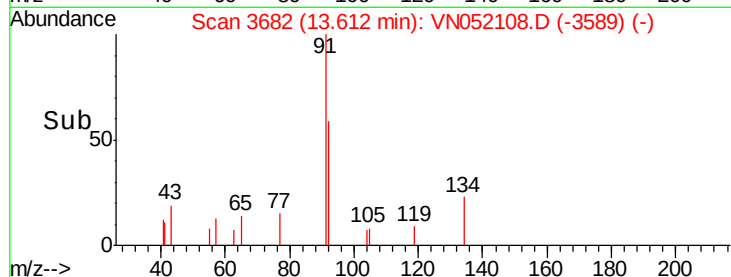


Abundance Ion 91.00 (90.70 to 91.70): VN052108.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052108.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052108.D (-3668) (-)

Time-->

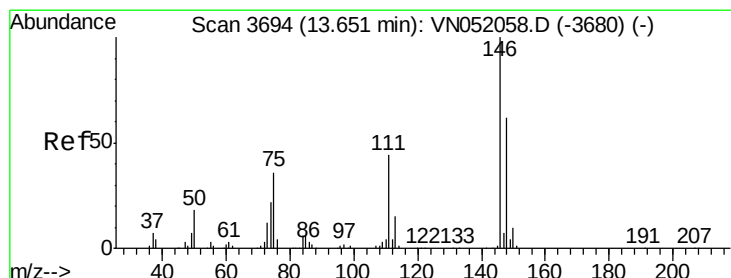


Abundance Ion 91.00 (90.70 to 91.70): VN052108.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN052108.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN052108.D (-3589) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.304 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

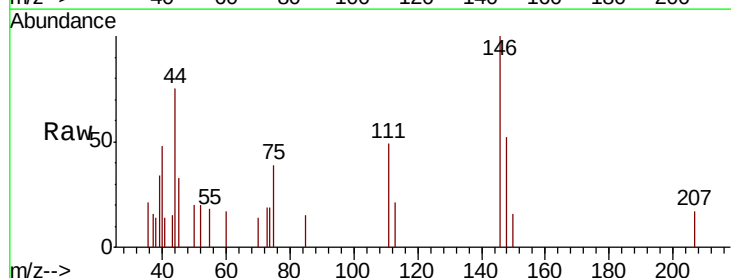
Tgt Ion: 146 Resp: 2009

Ion Ratio Lower Upper

146 100

111 35.2 22.5 67.5

148 58.4 30.9 92.8

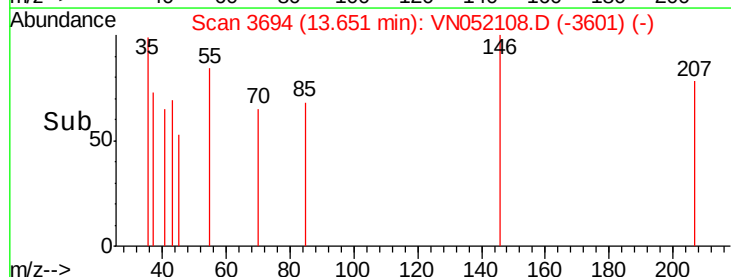


Abundance Ion 145.90 (145.60 to 146.60): VN052108.D (-3680) (-)

Ion 110.90 (110.60 to 111.60): VN052108.D (-3680) (-)

Ion 147.90 (147.60 to 148.60): VN052108.D (-3680) (-)

Time-->

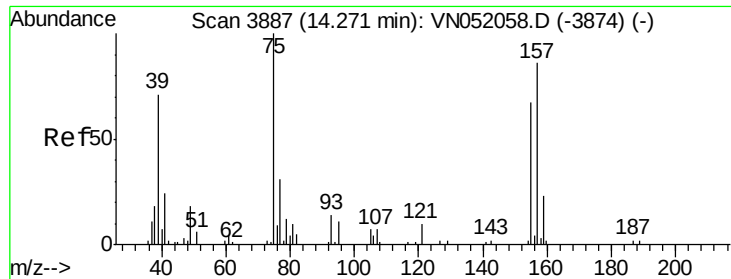


Abundance Ion 145.90 (145.60 to 146.60): VN052108.D (-3601) (-)

Ion 110.90 (110.60 to 111.60): VN052108.D (-3601) (-)

Ion 147.90 (147.60 to 148.60): VN052108.D (-3601) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.067 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampleId :

AU-05-103118-B

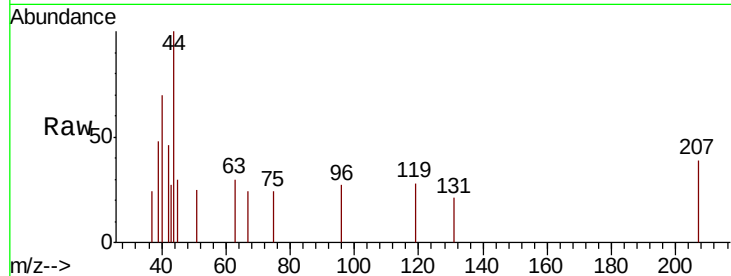
Tgt Ion: 75 Resp: 96

Ion Ratio Lower Upper

75 100

155 128.1 34.0 102.0#

157 249.0 42.1 126.4#

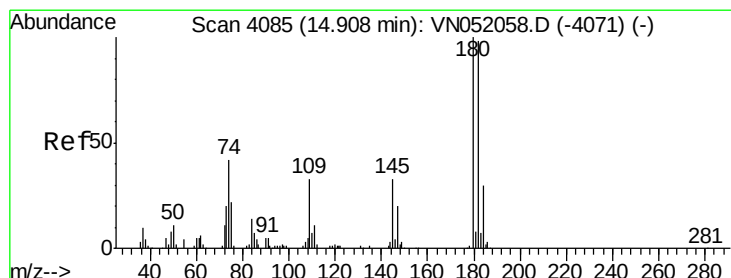
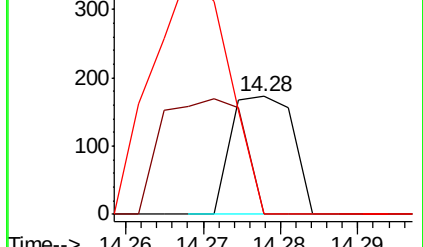
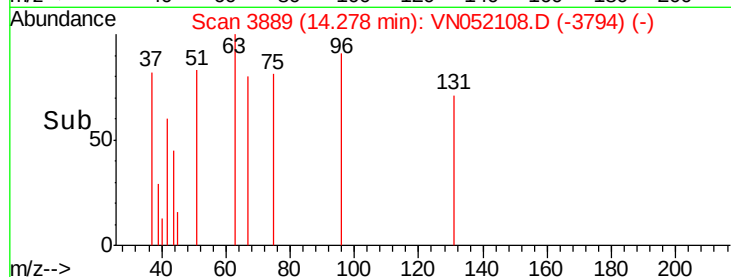


Abundance Ion 74.90 (74.60 to 75.60): VN052108.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN052108.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN052108.D (-3874) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.030 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

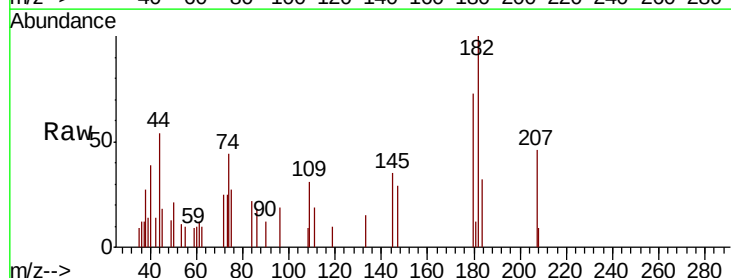
Tgt Ion: 180 Resp: 2535

Ion Ratio Lower Upper

180 100

182 112.5 49.1 147.4

145 35.9 16.4 49.2

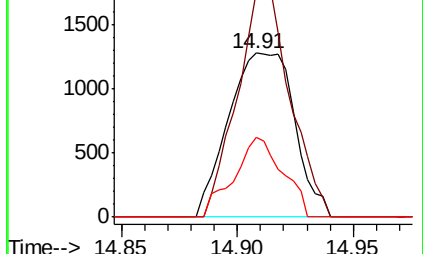
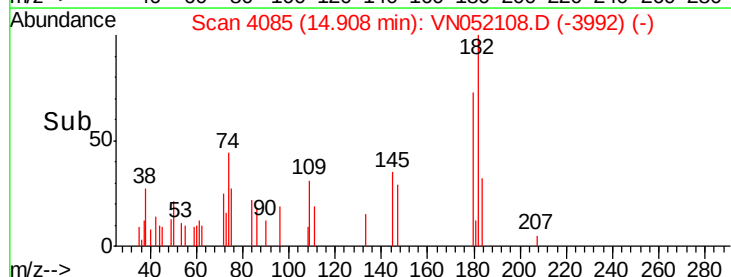


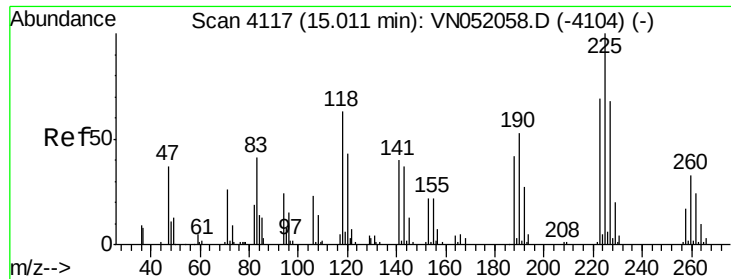
Abundance Ion 179.80 (179.50 to 180.50): VN052108.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052108.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052108.D (-4071) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 0.947 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

Instrument :

MSVOA_N

ClientSampled :

AU-05-103118-B

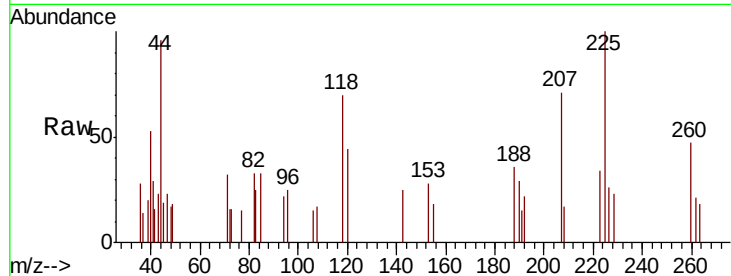
Tgt Ion:225 Resp: 1305

Ion Ratio Lower Upper

225 100

223 31.6 33.1 99.3#

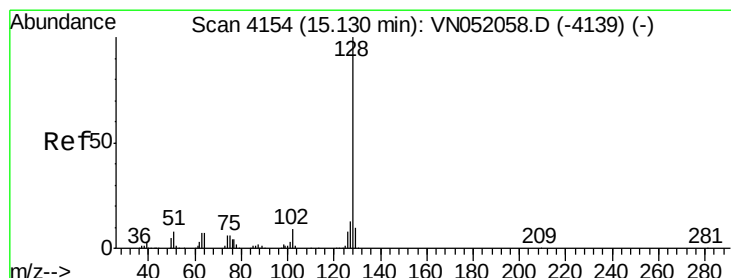
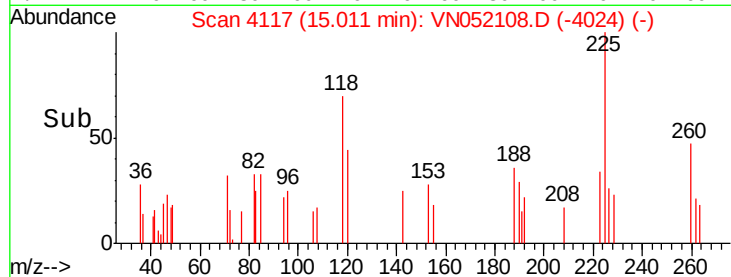
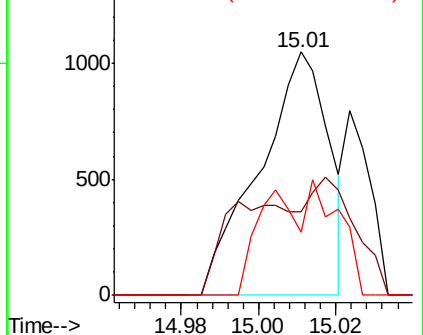
227 22.2 32.6 97.8#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.703 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052108.D

Acq: 1 Nov 2018 17:36

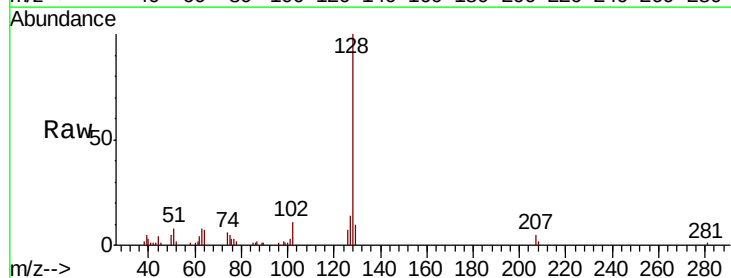
Tgt Ion:128 Resp: 35210

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

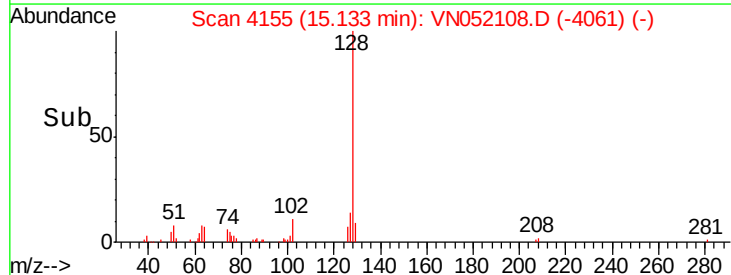
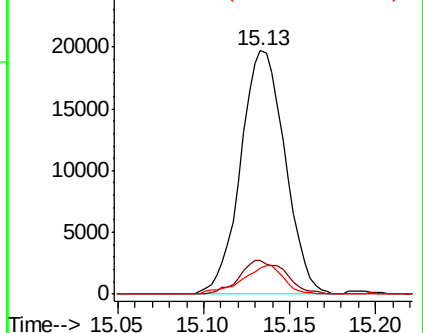
129 11.0 8.6 12.8

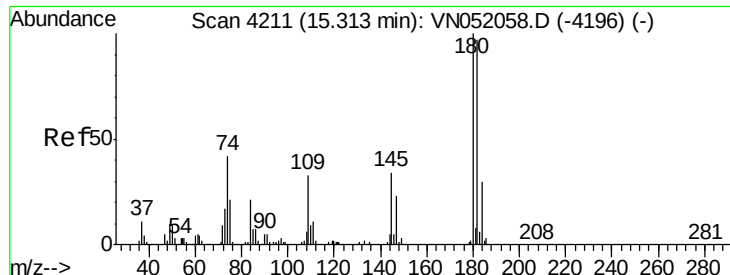


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.378 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN052108.D
 Acq: 1 Nov 2018 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-103118-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.2	141.6
145	32.1	16.6	49.7

