

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052110.D
 Acq On : 1 Nov 2018 18:29
 Operator : MD\SY
 Sample : J5200-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-B

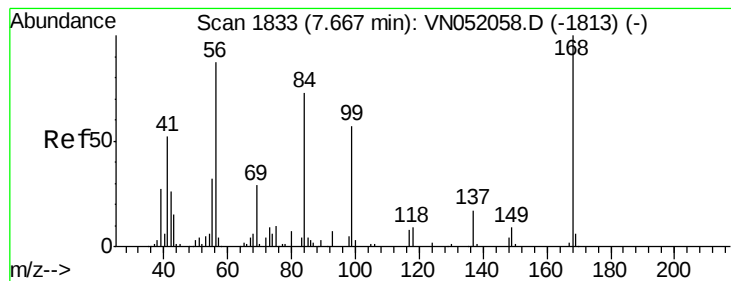
Quant Time: Nov 02 07:03:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	530826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253413	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	209899	61.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.52%	
50) Toluene-d8	10.09	98	828534	60.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.00%	
62) 4-Bromofluorobenzene	12.40	95	287003	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.80	59	66	0.278	ug/l #	76
13) Acrolein	3.61	56	212	24.839	ug/l #	73
16) Acetone	3.82	43	36138	35.666	ug/l #	82
18) Methyl Acetate	4.33	43	3964	1.229	ug/l #	70
20) Methylene Chloride	4.56	84	41381	10.718	ug/l	95
25) 2-Butanone	6.84	43	1323	0.832	ug/l #	62
29) Tetrahydrofuran	7.21	42	360	0.340	ug/l #	40
31) Cyclohexane	7.67	56	7118	Below Cal	#	28
36) 1,1-Dichloropropene	7.67	75	27022	4.852	ug/l #	50
38) Carbon Tetrachloride	7.67	117	33114	6.896	ug/l #	16
41) Methacrylonitrile	7.20	41	446	0.374	ug/l #	38
43) Isopropyl Acetate	8.17	43	178426	26.911	ug/l	99
48) Methyl methacrylate	9.18	41	4972	1.479	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	2023	0.561	ug/l #	38
52) Toluene	10.16	92	3907	0.402	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	1312	0.209	ug/l #	48
59) 2-Hexanone	10.77	43	11868	4.621	ug/l #	59
64) Tetrachloroethene	10.64	164	647	0.201	ug/l	92
67) Ethyl Benzene	11.51	91	14528	0.729	ug/l	92
68) m/p-Xylenes	11.62	106	15282	2.141	ug/l	91
69) o-Xylene	11.95	106	4467	0.633	ug/l	85
70) Styrene	11.96	104	3303	0.289	ug/l	93
71) Bromoform	12.39	173	705	2.477	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	152031	37.914	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6012	0.394	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	152031	125.843	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	18278	1.205	ug/l	100
90) Hexachloroethane	13.89	117	828	0.324	ug/l #	19
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71	1.026	ug/l #	11
95) Naphthalene	15.13	128	45128	7.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	438	0.203	ug/l #	63

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052110.D

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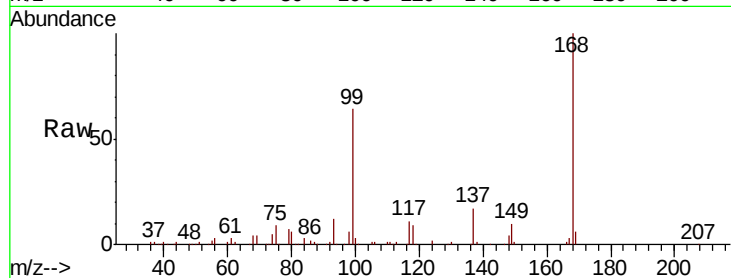
OR-03-103118-B

Tgt Ion:168 Resp: 295806

Ion Ratio Lower Upper

168 100

99 63.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

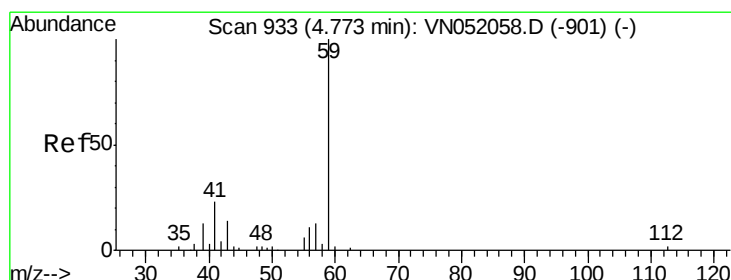
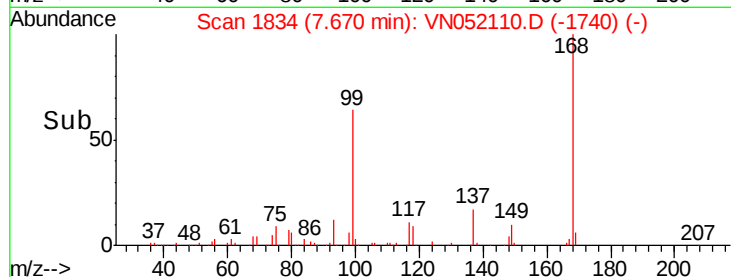
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.278 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.02 min

Lab File: VN052110.D

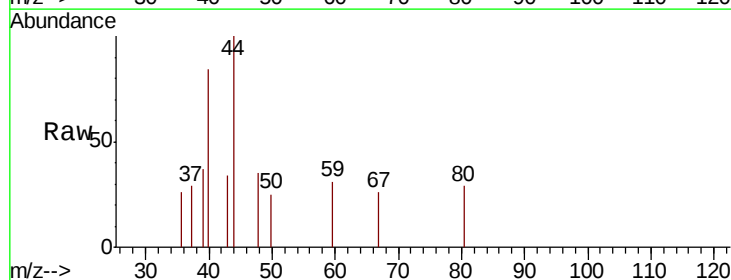
Acq: 1 Nov 2018 18:29

Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.80

200

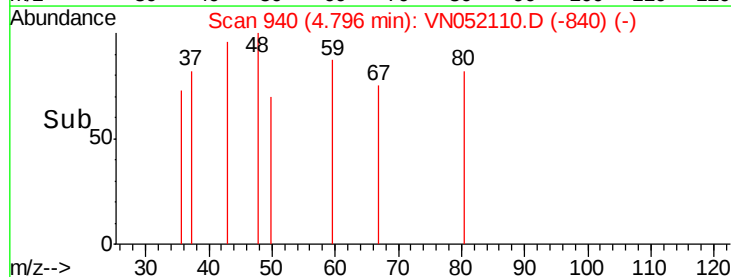
150

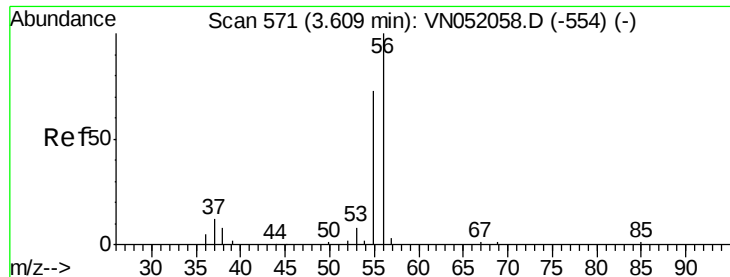
100

50

0

Time-->





#13

Acrolein

Concen: 24.839 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

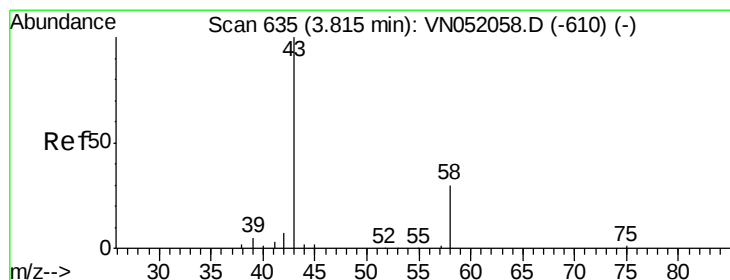
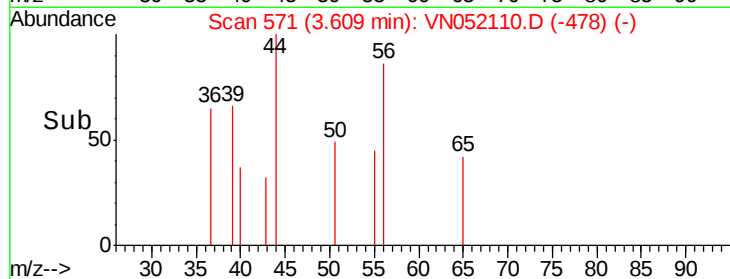
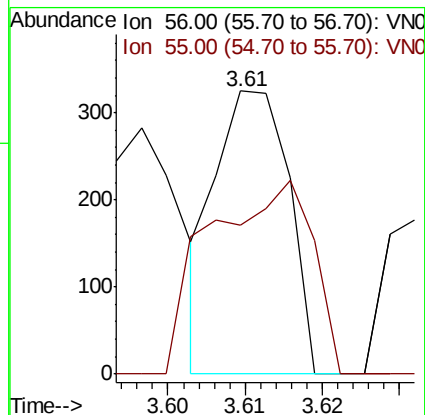
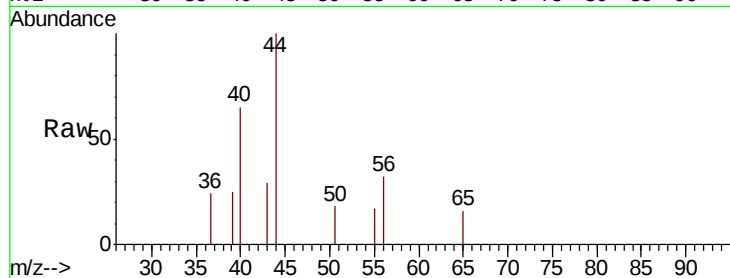
OR-03-103118-B

Tgt Ion: 56 Resp: 212

Ion Ratio Lower Upper

56 100

55 97.6 59.9 89.9#



#16

Acetone

Concen: 35.666 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052110.D

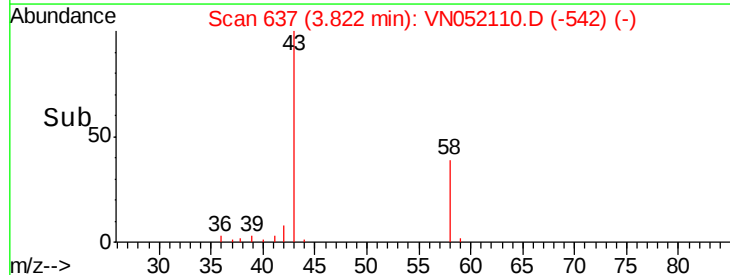
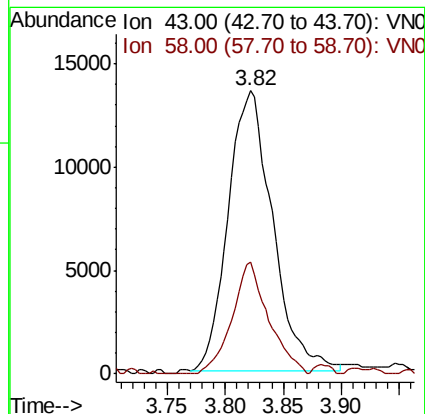
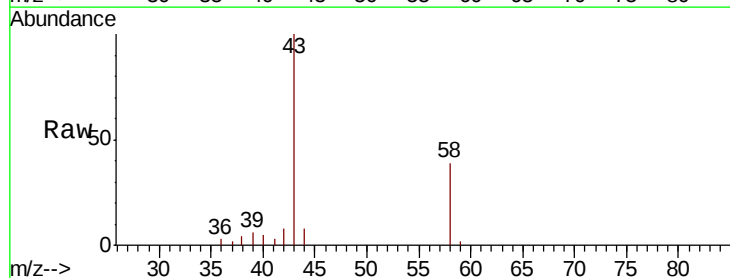
Acq: 1 Nov 2018 18:29

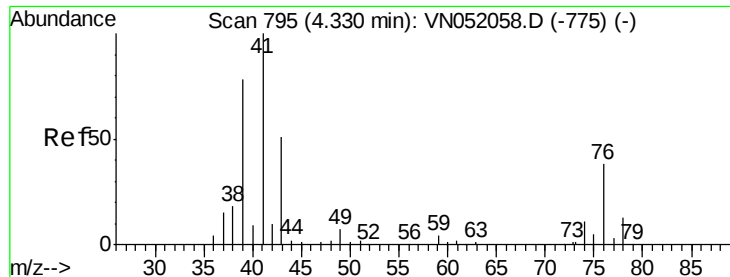
Tgt Ion: 43 Resp: 36138

Ion Ratio Lower Upper

43 100

58 39.8 24.2 36.2#

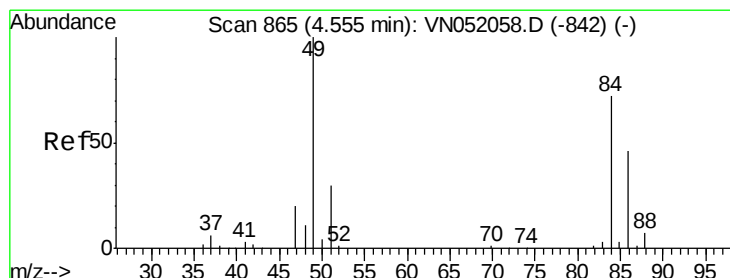
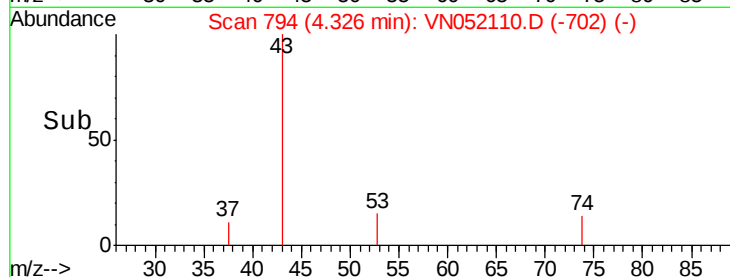
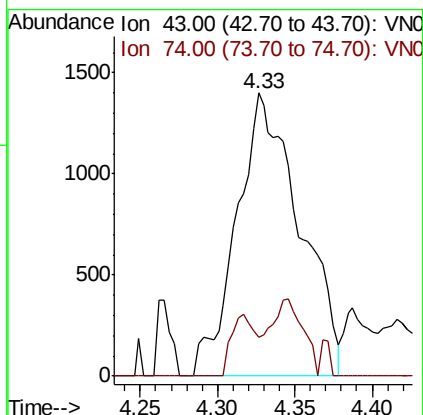
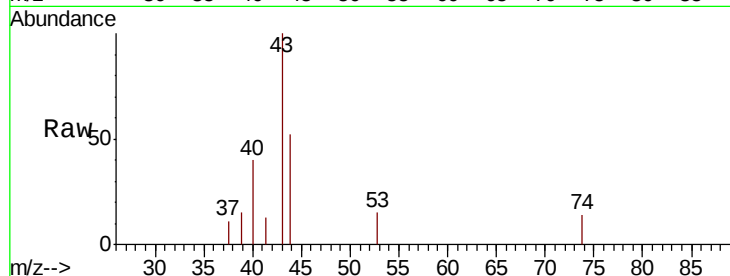




#18
Methyl Acetate
Concen: 1.229 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

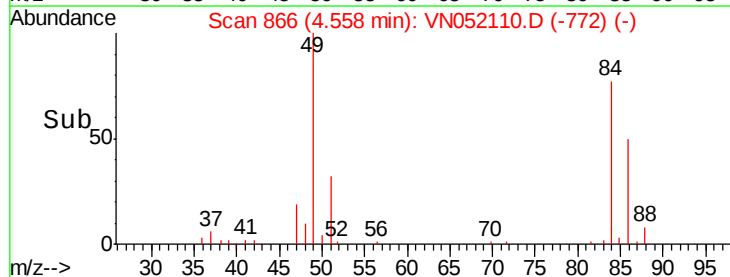
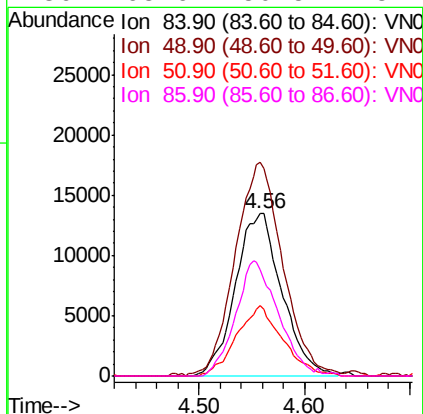
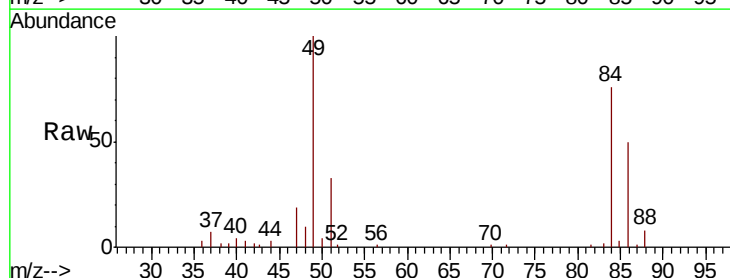
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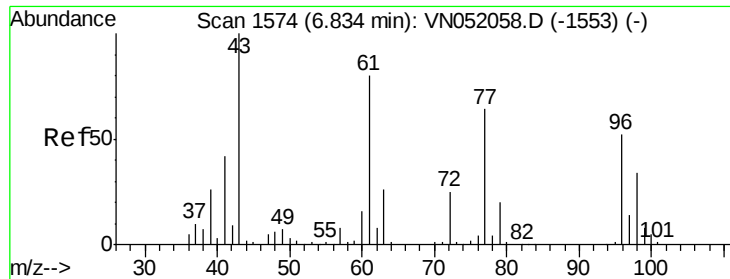
Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
74 8.0 17.9 26.9#



#20
Methylene Chloride
Concen: 10.718 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 84 Resp: 41381
Ion Ratio Lower Upper
84 100
49 130.2 110.6 165.8
51 43.3 33.7 50.5
86 65.6 50.5 75.7

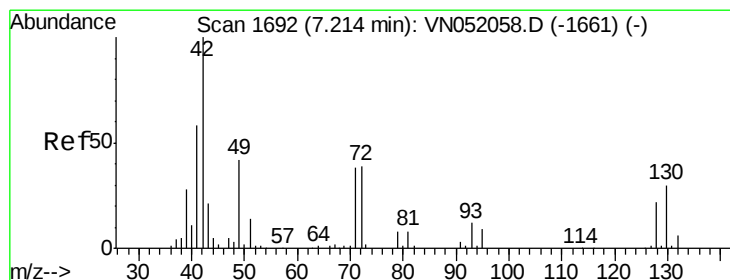
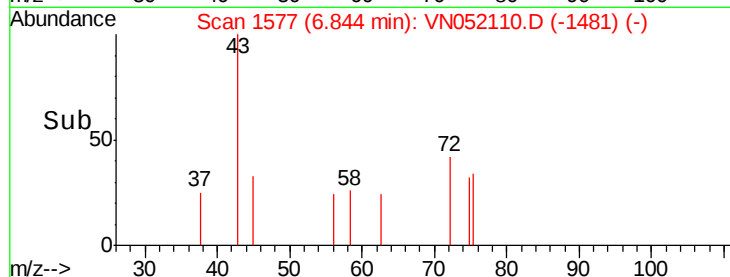
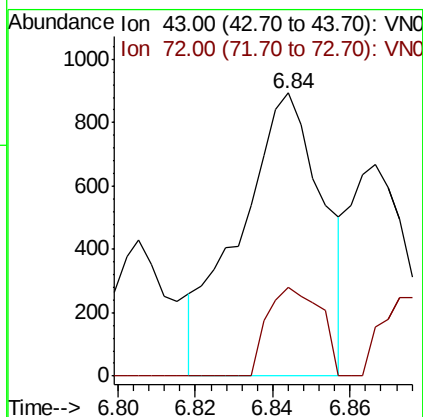
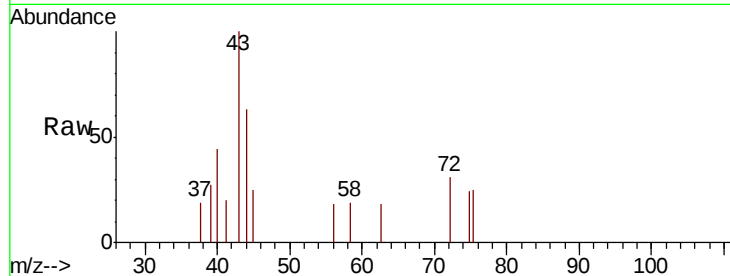




#25
2-Butanone
Concen: 0.832 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

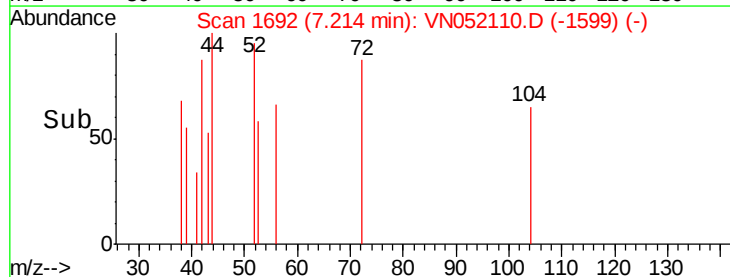
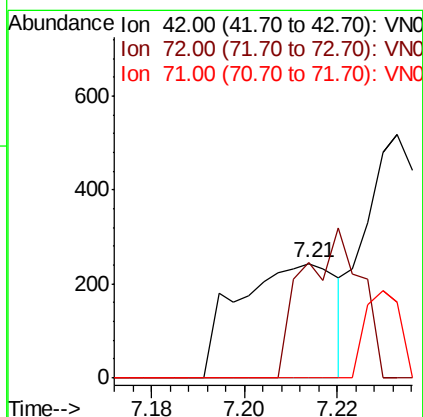
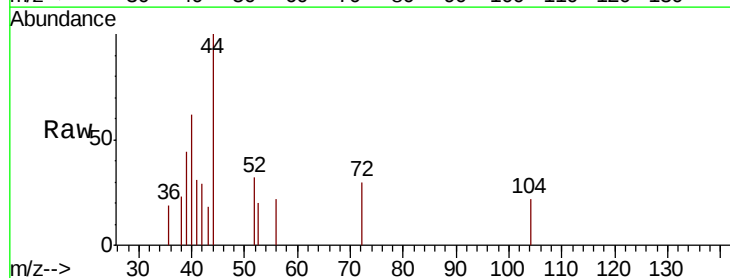
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

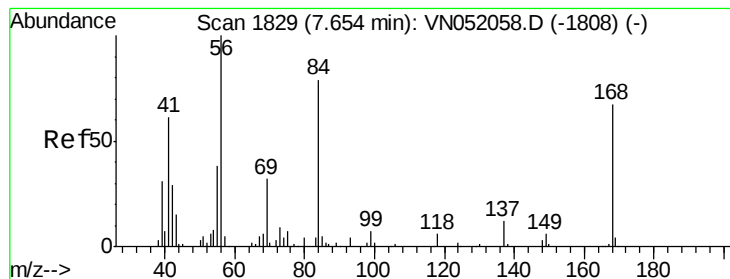
Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
72 44.4 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.340 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 42 Resp: 360
Ion Ratio Lower Upper
42 100
72 75.8 32.5 48.7#
71 0.0 30.6 46.0#





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

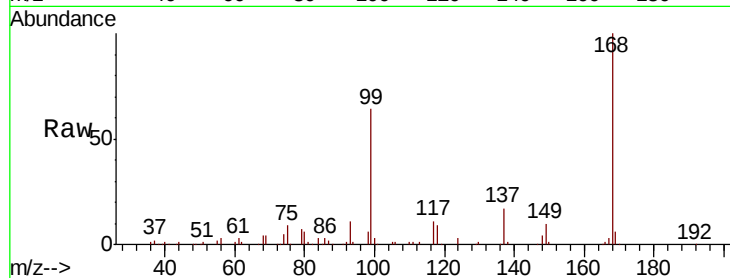
Tgt Ion: 56 Resp: 7118

Ion Ratio Lower Upper

56 100

69 134.3 25.8 38.6#

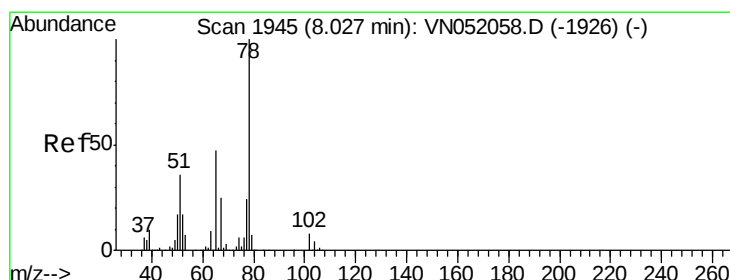
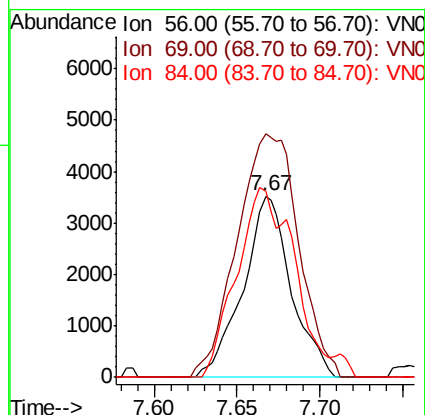
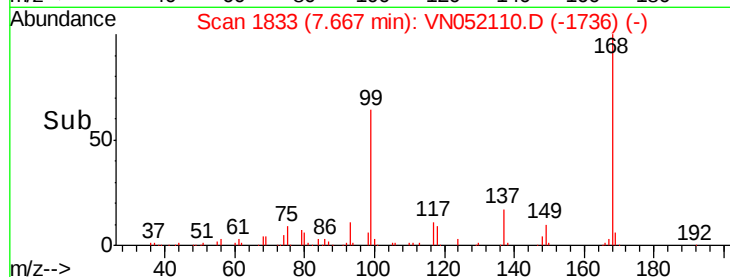
84 102.7 63.5 95.3#



Abundance Ion 56.00 (55.70 to 56.70): VN052110.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052110.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052110.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052110.D

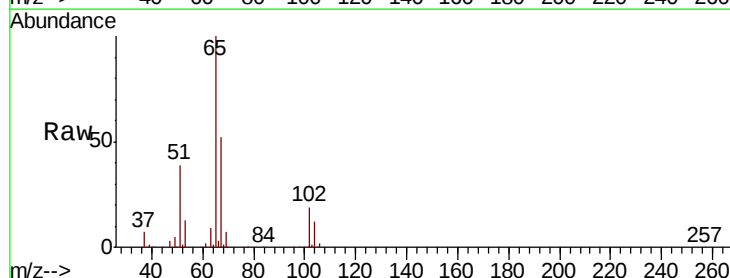
Acq: 1 Nov 2018 18:29

Tgt Ion: 65 Resp: 253413

Ion Ratio Lower Upper

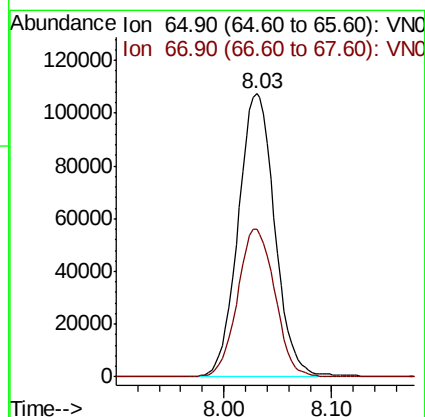
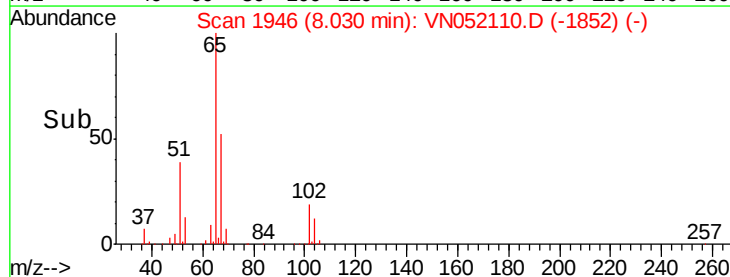
65 100

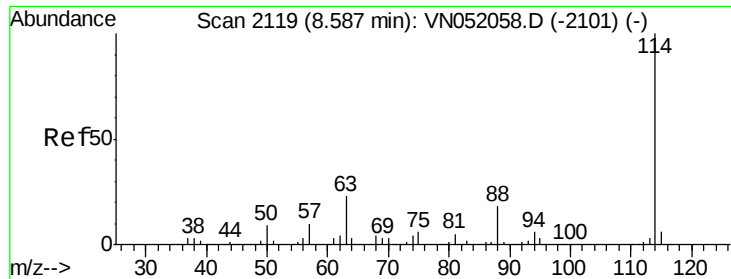
67 53.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052110.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052110.D (-1852) (-)

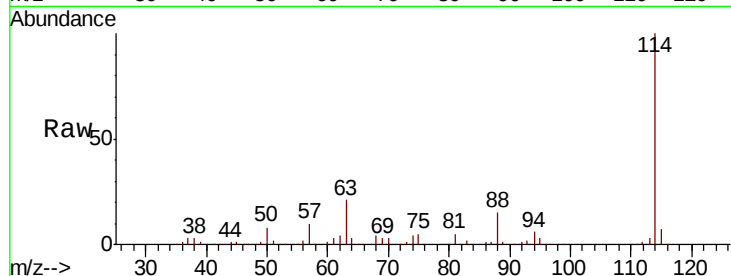




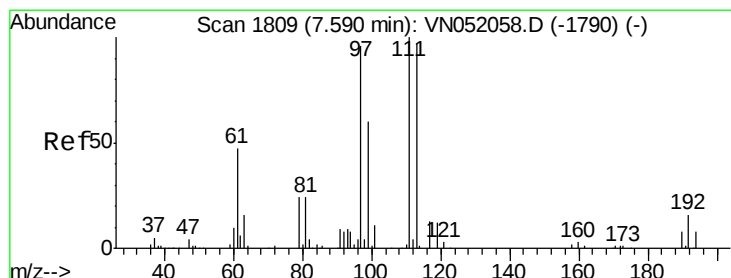
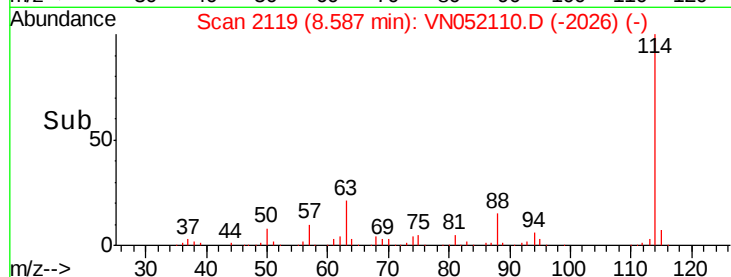
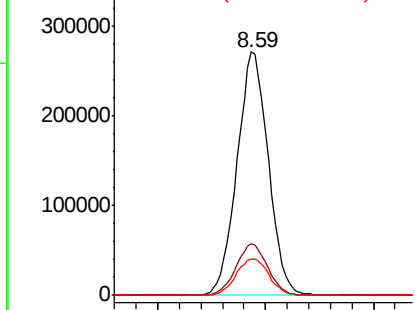
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

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Tgt Ion:114 Resp: 547739
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.0
88 15.0 0.0 35.4

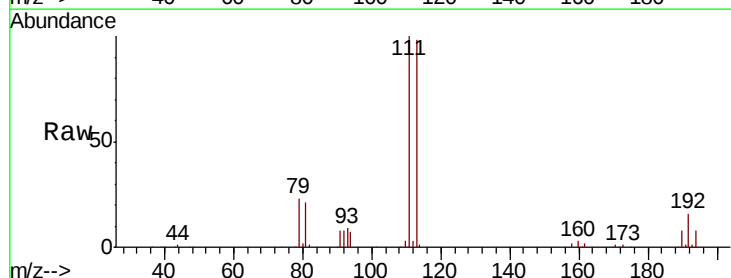


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

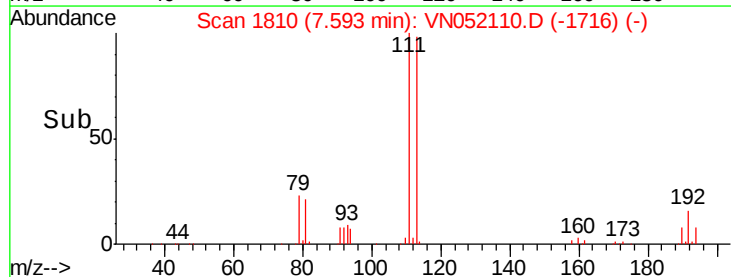
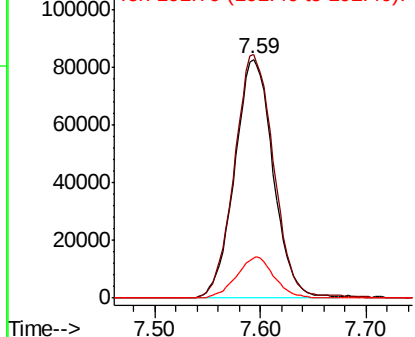


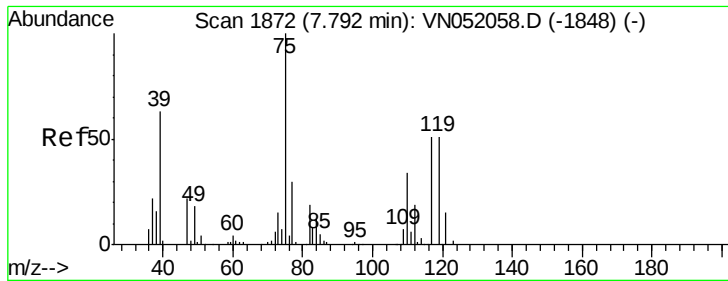
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion:113 Resp: 209899
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 16.8 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: 4.852 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

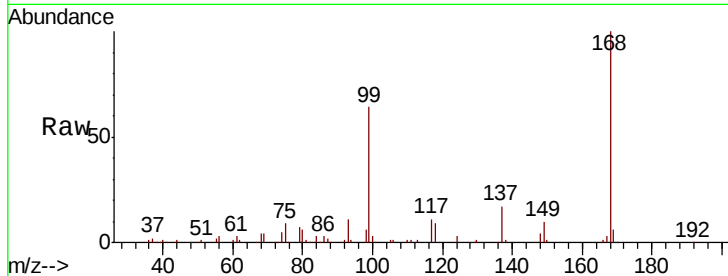
Tgt Ion: 75 Resp: 27022

Ion Ratio Lower Upper

75 100

110 6.7 16.0 48.0#

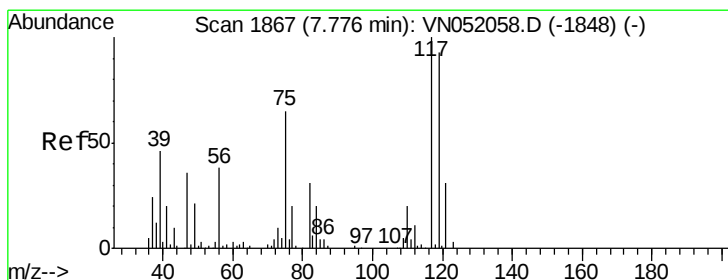
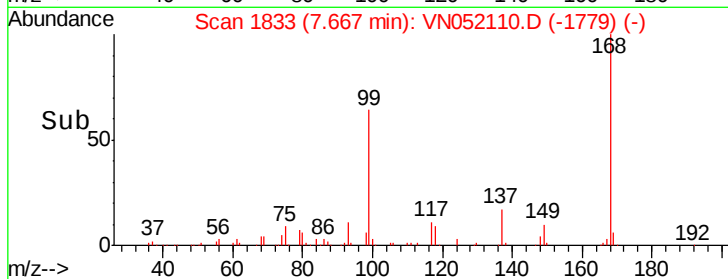
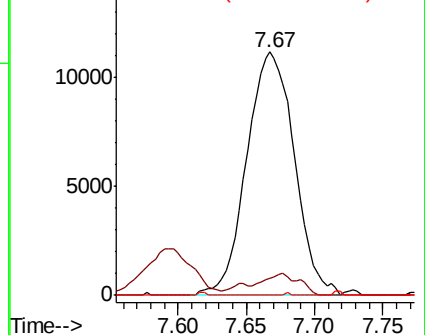
77 0.1 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052110.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN052110.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN052110.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.896 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

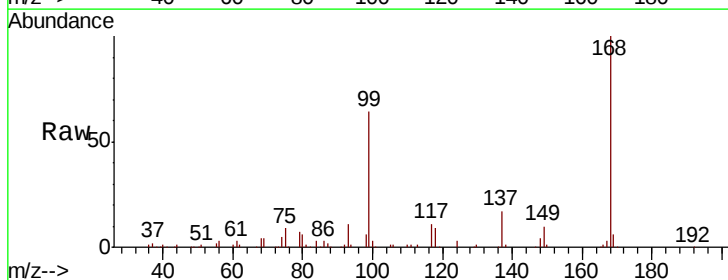
Tgt Ion: 117 Resp: 33114

Ion Ratio Lower Upper

117 100

119 3.3 74.8 112.2#

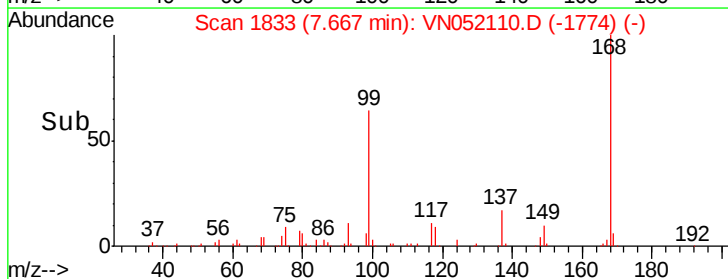
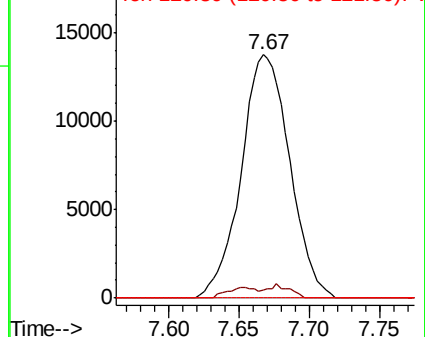
121 0.0 25.1 37.7#

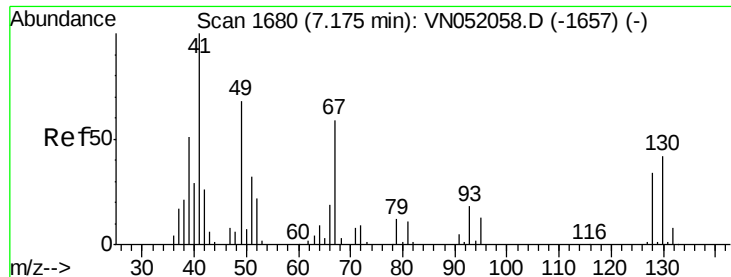


Abundance Ion 116.80 (116.50 to 117.50): VN052110.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN052110.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN052110.D (-1774) (-)

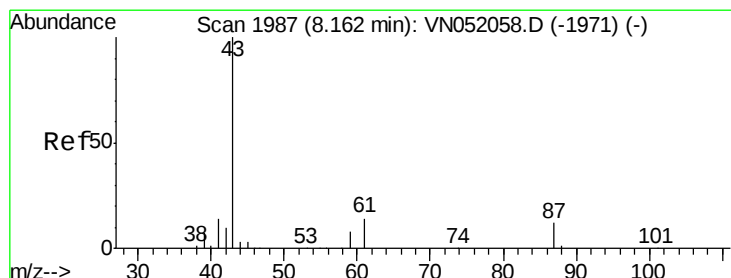
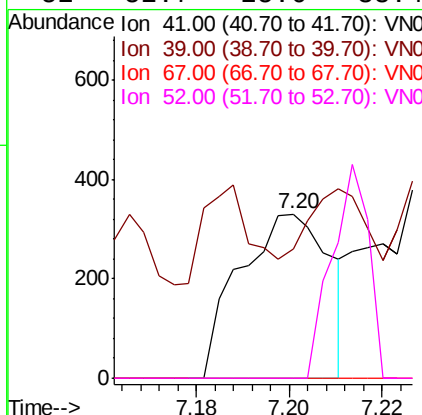
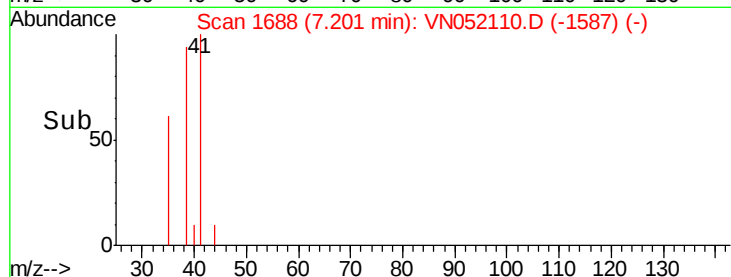
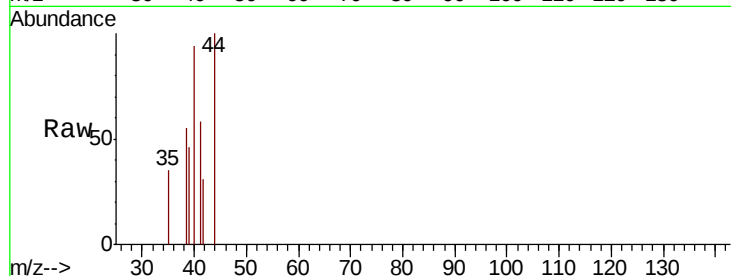




#41
Methacrylonitrile
Concen: 0.374 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

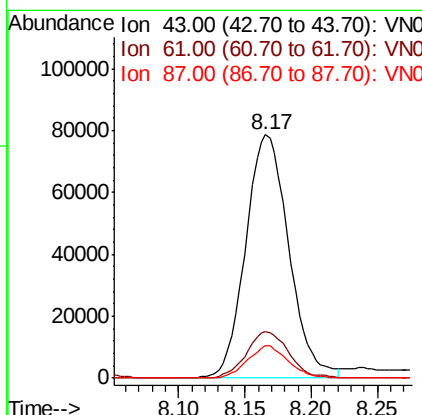
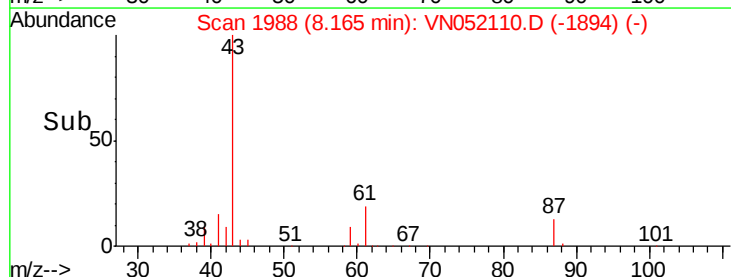
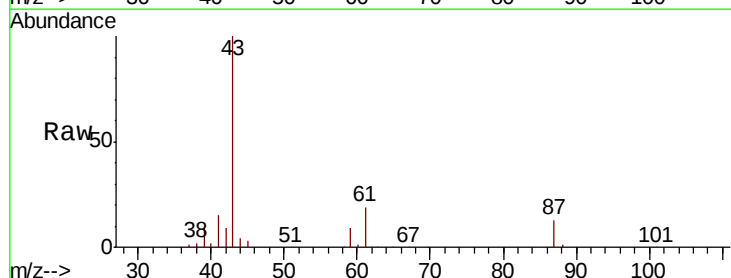
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

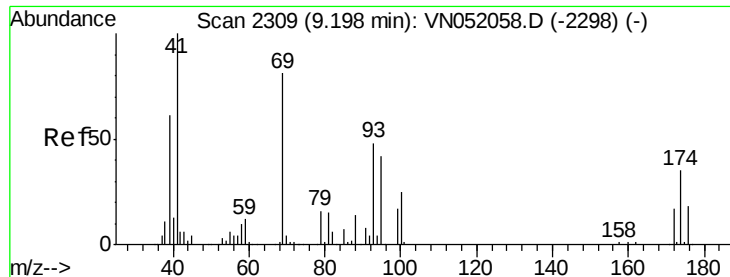
Tgt Ion: 41 Resp: 446
Ion Ratio Lower Upper
41 100
39 24.4 33.2 49.8#
67 0.0 63.5 95.3#
52 52.7 25.6 38.4#



#43
Isopropyl Acetate
Concen: 26.911 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 43 Resp: 178426
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 12.4 9.8 14.8

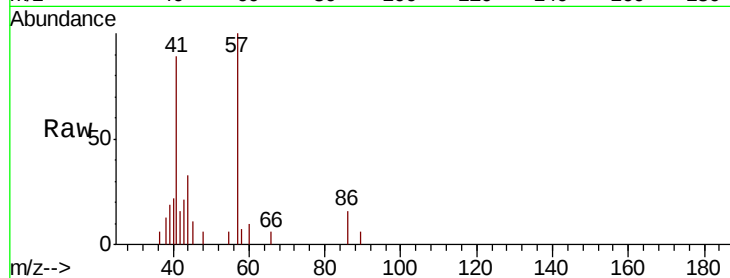




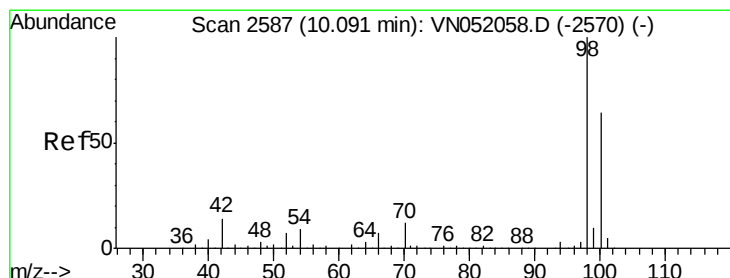
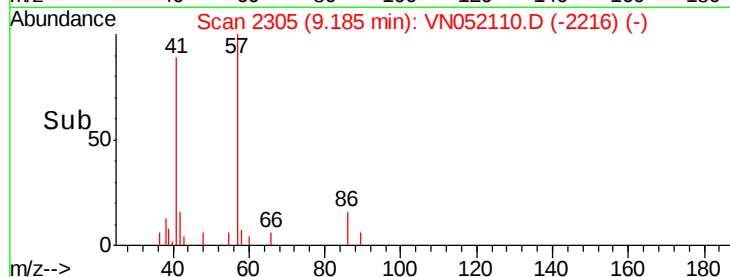
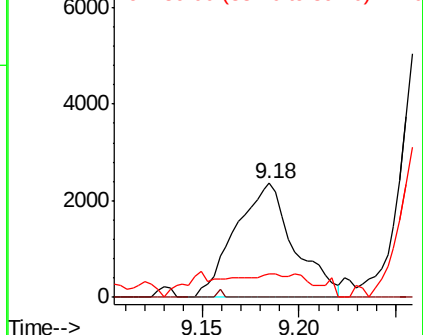
#48
Methyl methacrylate
Concen: 1.479 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Instrument :
MSVOA_N
ClientSampled :
OR-03-103118-B

Tgt Ion: 41 Resp: 4972
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 0.0 50.5 75.7#

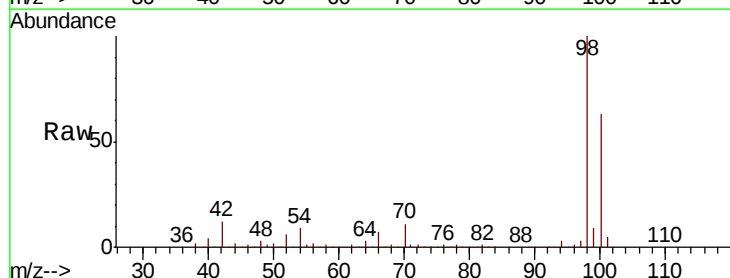


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

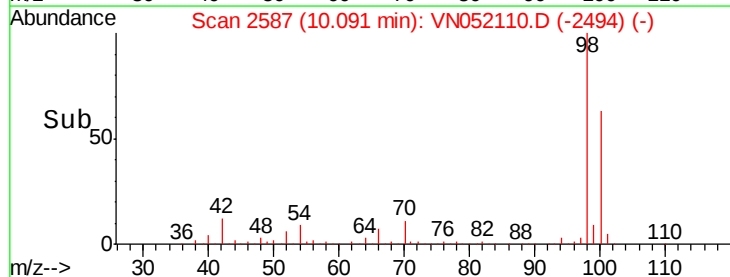
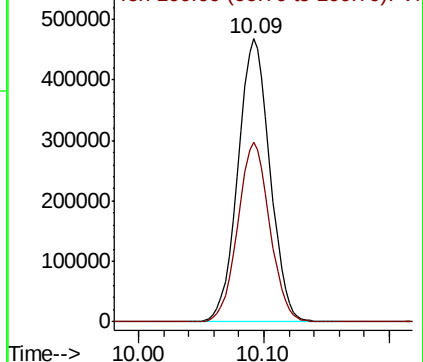


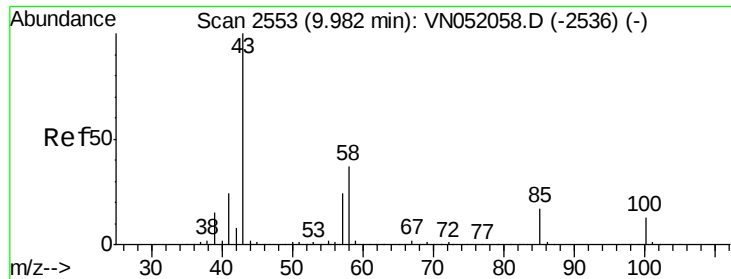
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 98 Resp: 828534
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

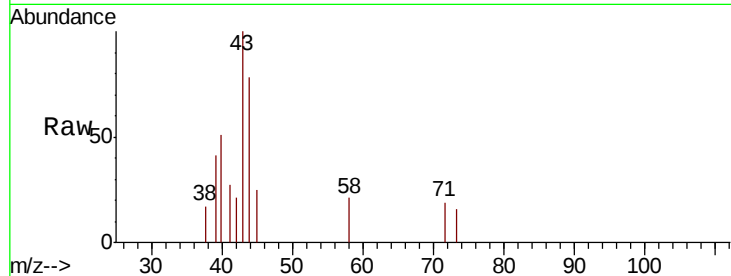
OR-03-103118-B

Tgt Ion: 43 Resp: 2023

Ion Ratio Lower Upper

43 100

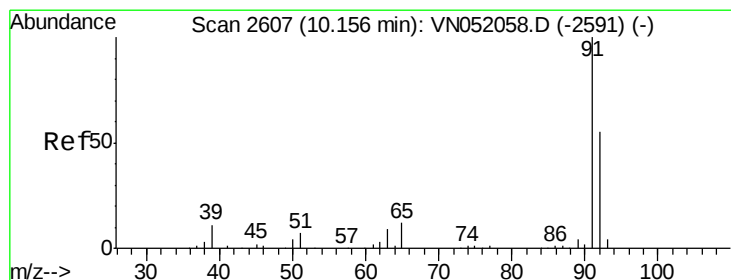
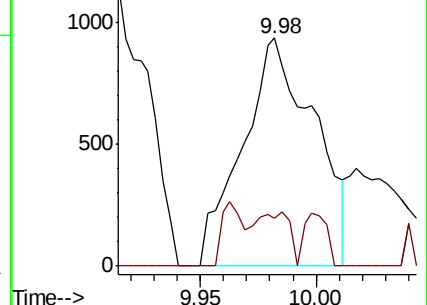
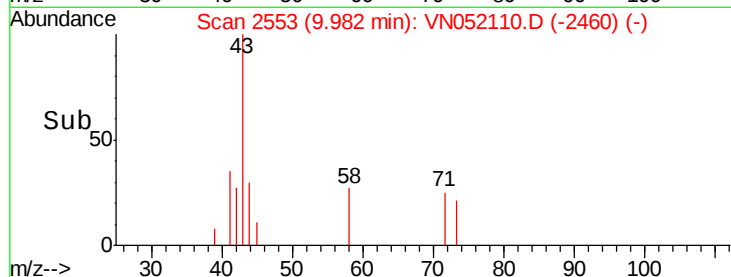
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN052058.D (-2536) (-)

Time-->



#52

Toluene

Concen: 0.402 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052110.D

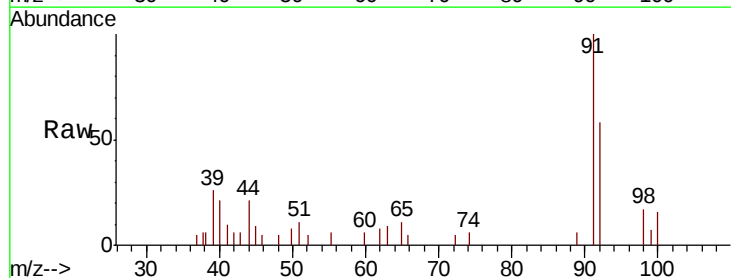
Acq: 1 Nov 2018 18:29

Tgt Ion: 92 Resp: 3907

Ion Ratio Lower Upper

92 100

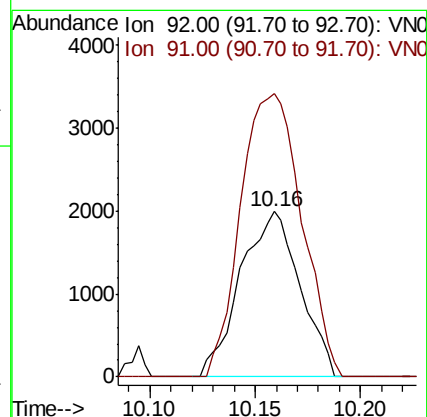
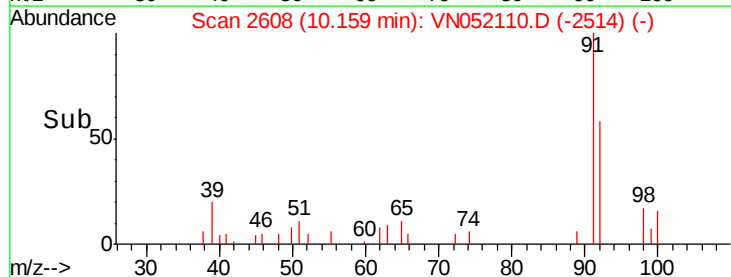
91 175.5 143.9 215.9

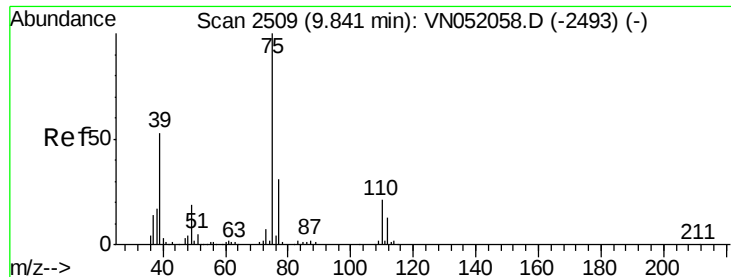


Abundance Ion 92.00 (91.70 to 92.70): VN052058.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052058.D (-2591) (-)

Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.209 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

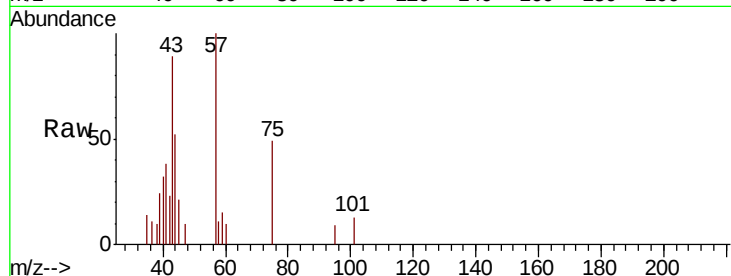
Tgt Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

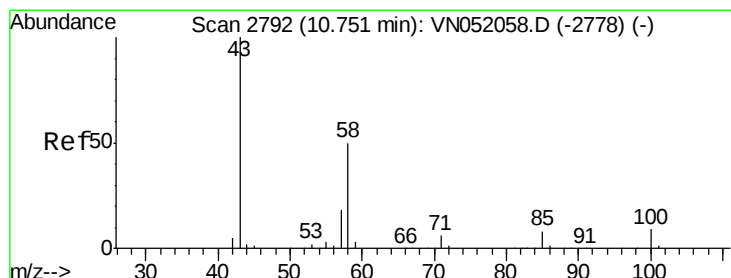
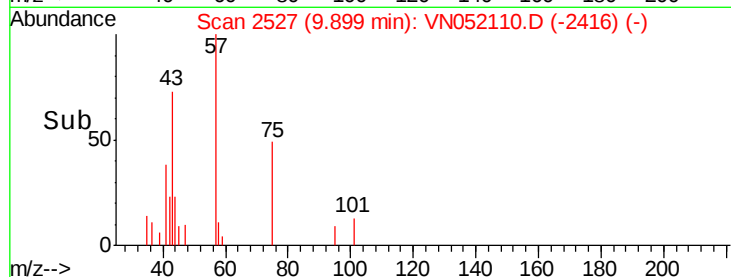
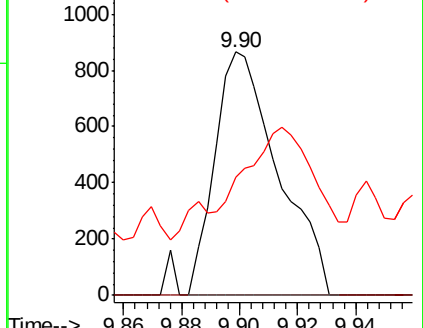
39 18.4 42.3 63.5#



Abundance Ion 74.90 (74.60 to 75.60): VN052058.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN052058.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN052058.D (-2493) (-)



#59

2-Hexanone

Concen: 4.621 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN052110.D

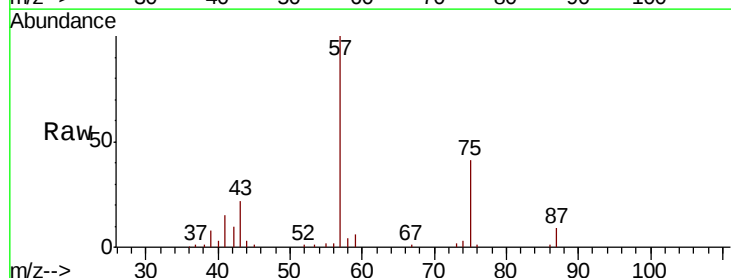
Acq: 1 Nov 2018 18:29

Tgt Ion: 43 Resp: 11868

Ion Ratio Lower Upper

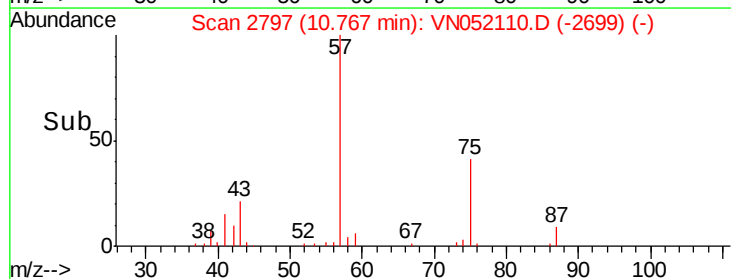
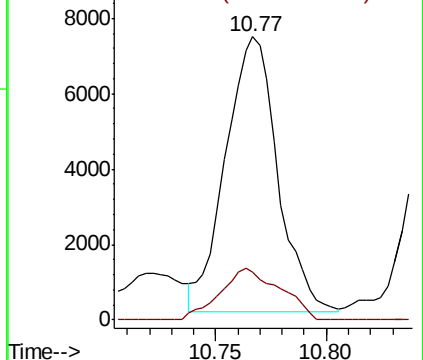
43 100

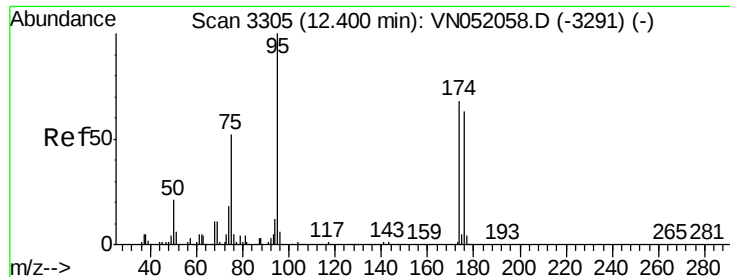
58 21.9 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN052058.D (-2778) (-)

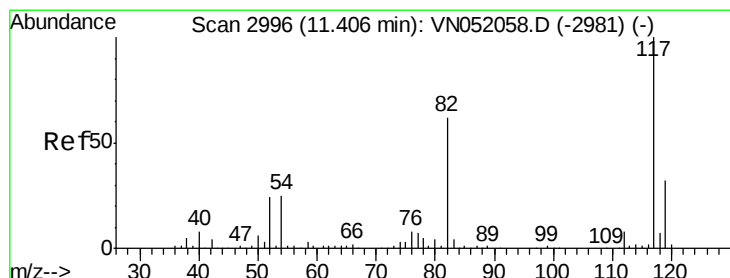
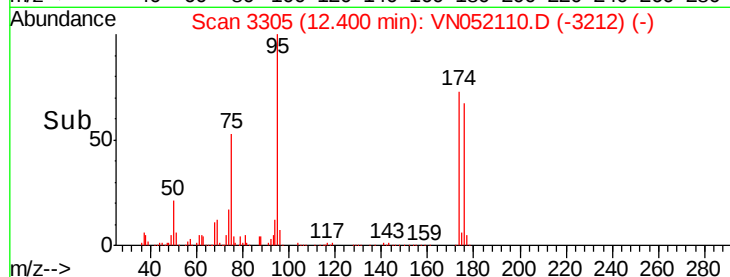
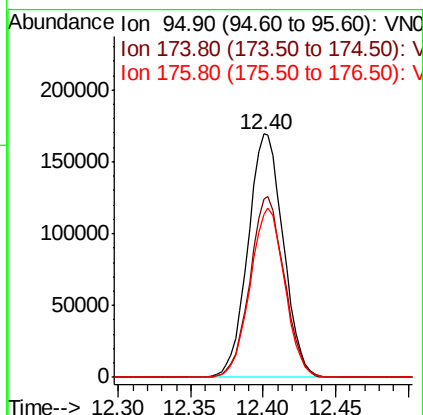
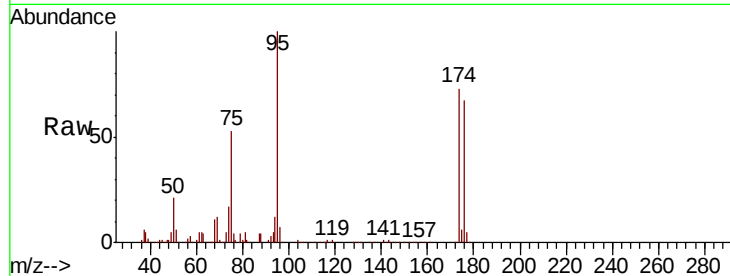




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

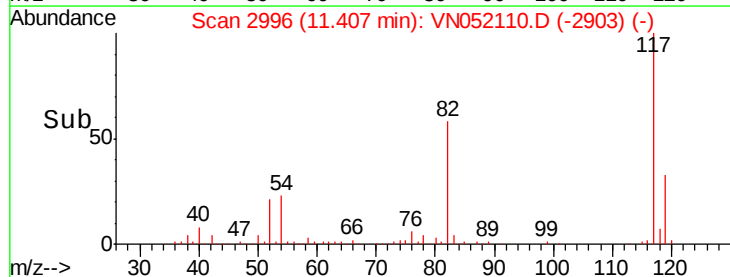
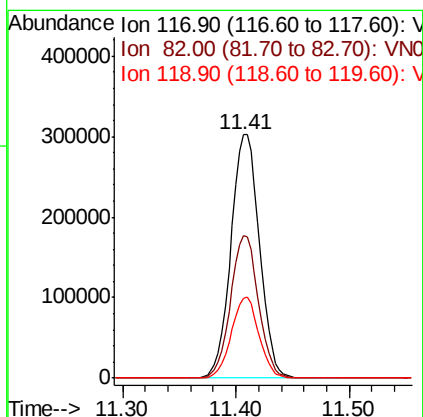
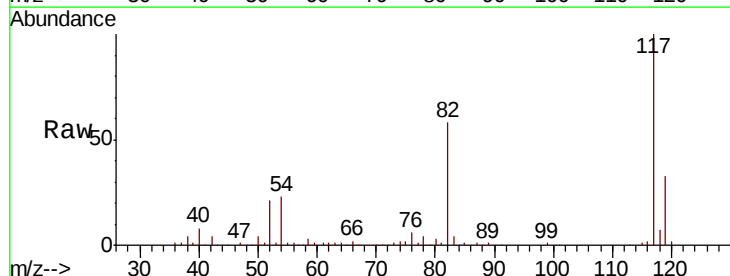
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

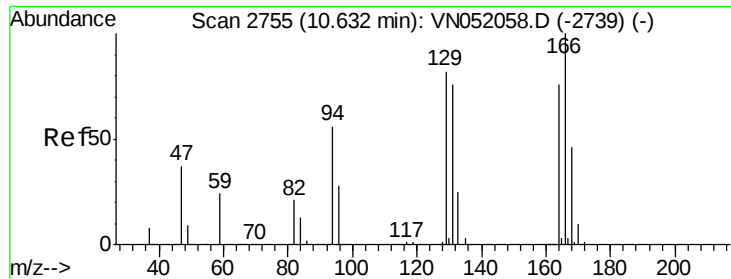
Tgt Ion: 95 Resp: 287003
Ion Ratio Lower Upper
95 100
174 72.4 0.0 131.8
176 68.1 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 117 Resp: 530826
Ion Ratio Lower Upper
117 100
82 58.4 49.9 74.9
119 32.8 25.7 38.5

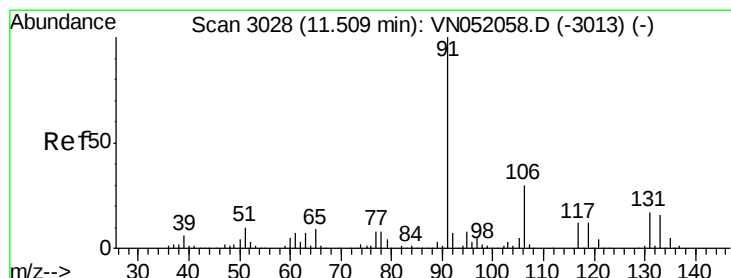
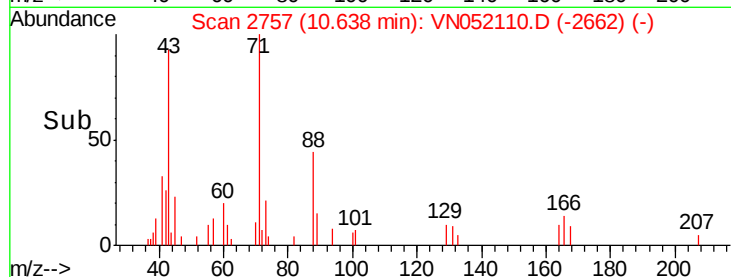
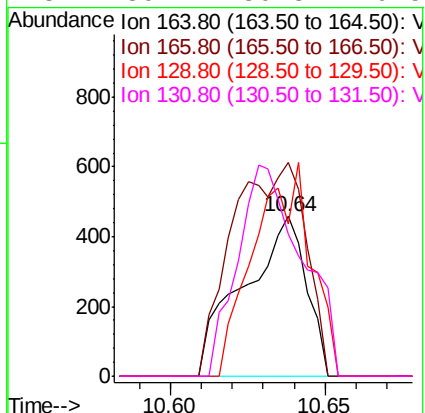
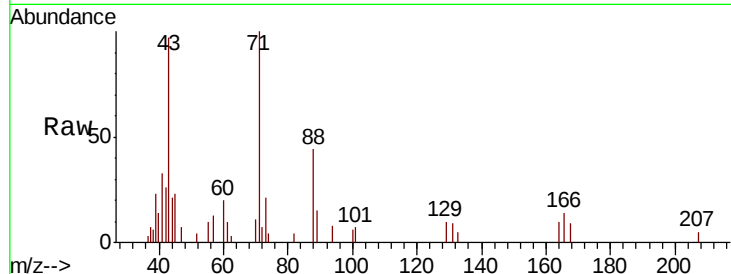




#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 10.64 min Scan# 2757
Delta R.T. 0.01 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

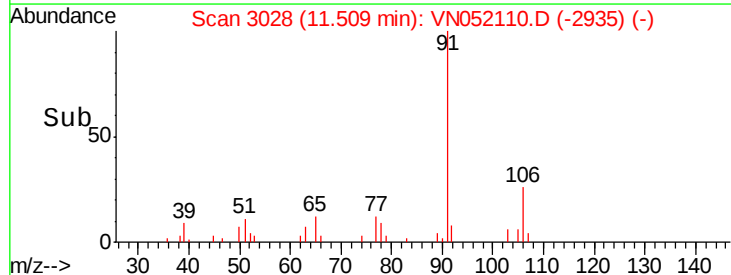
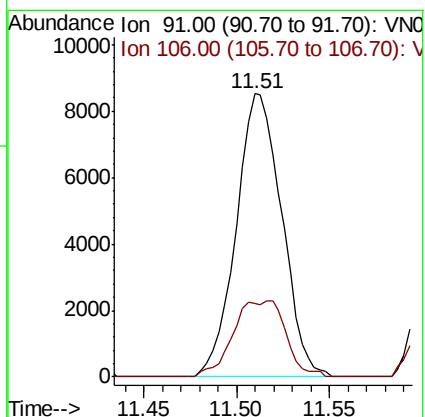
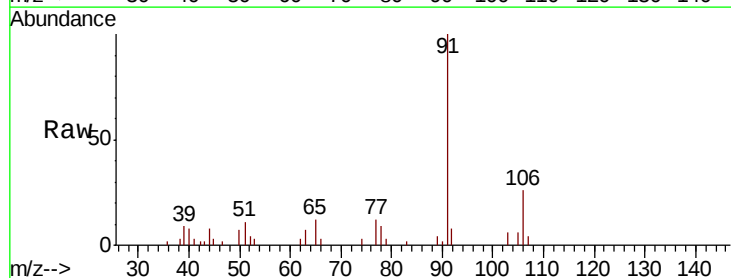
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

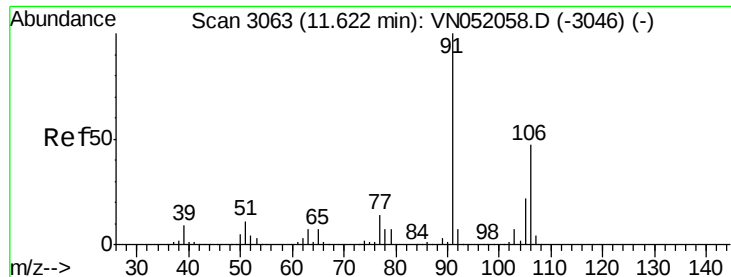
Tgt Ion: 164 Resp: 647
Ion Ratio Lower Upper
164 100
166 133.7 105.4 158.0
129 95.6 86.1 129.1
131 89.1 80.3 120.5



#67
Ethyl Benzene
Concen: 0.729 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 91 Resp: 14528
Ion Ratio Lower Upper
91 100
106 26.0 24.1 36.1

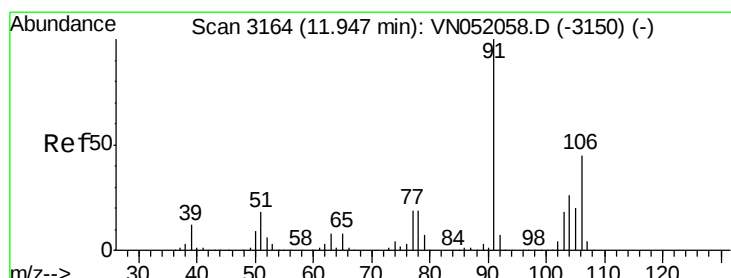
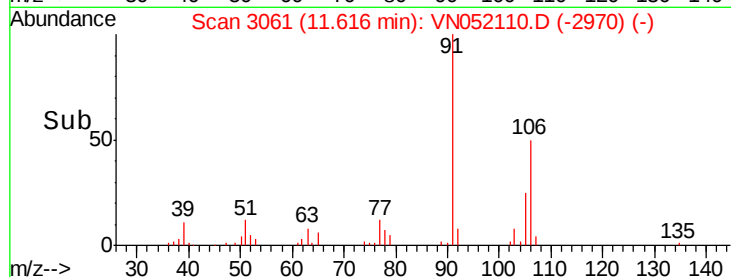
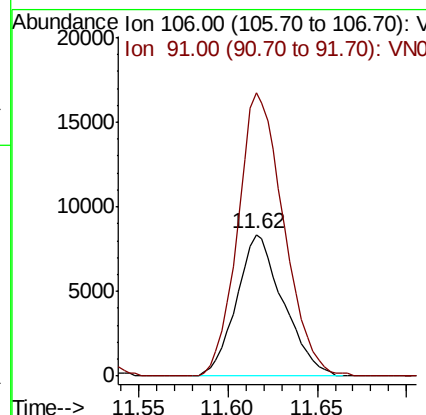
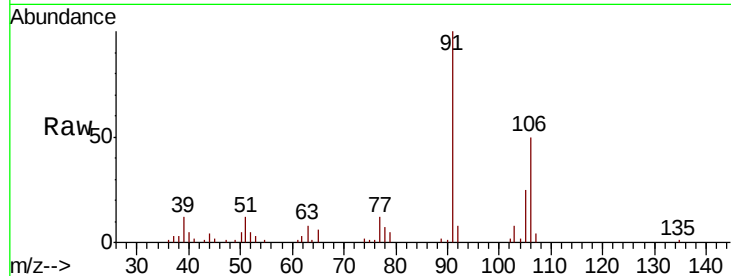




#68
m/p-Xylenes
Concen: 2.141 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

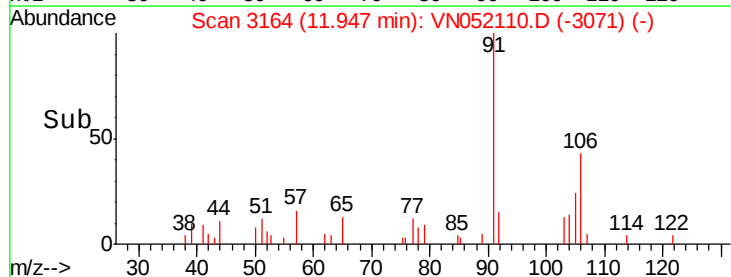
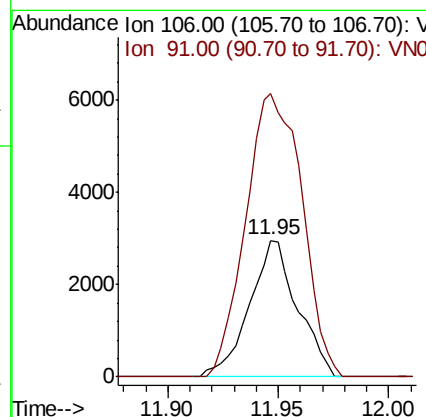
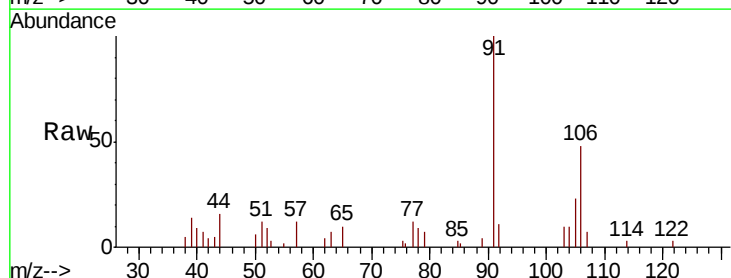
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

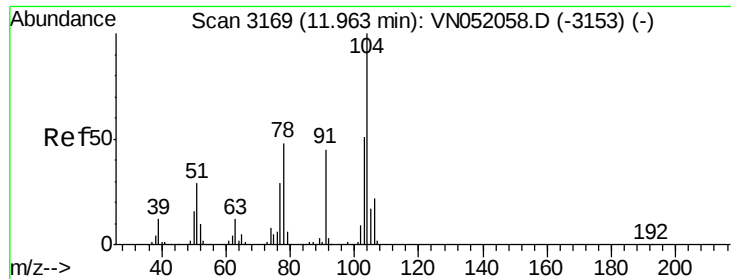
Tgt Ion:106 Resp: 15282
Ion Ratio Lower Upper
106 100
91 197.0 168.7 253.1



#69
o-Xylene
Concen: 0.633 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion:106 Resp: 4467
Ion Ratio Lower Upper
106 100
91 243.5 109.6 328.6

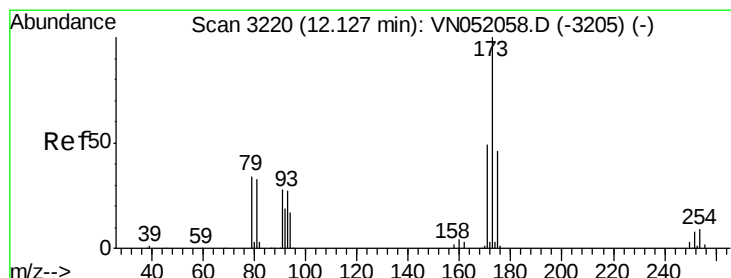
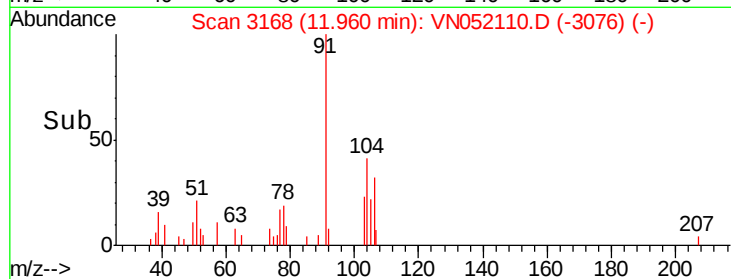
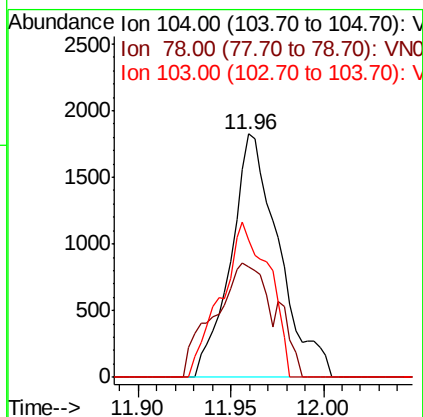
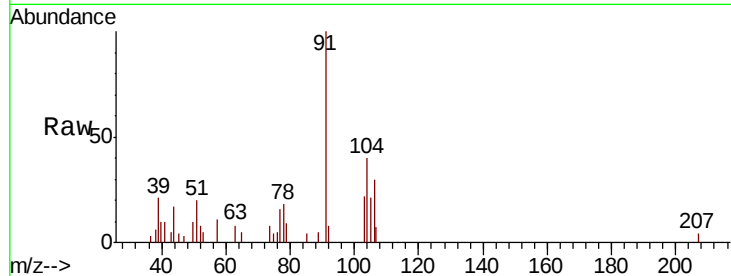




#70
Styrene
Concen: 0.289 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

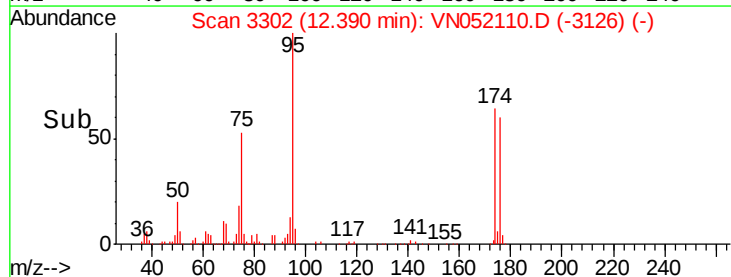
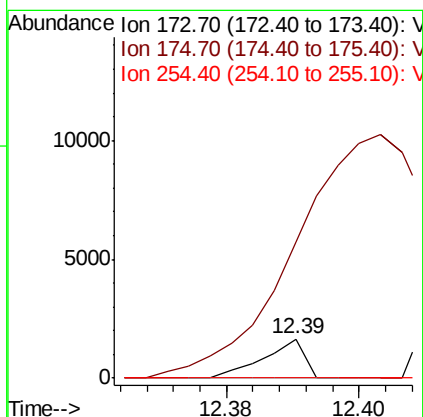
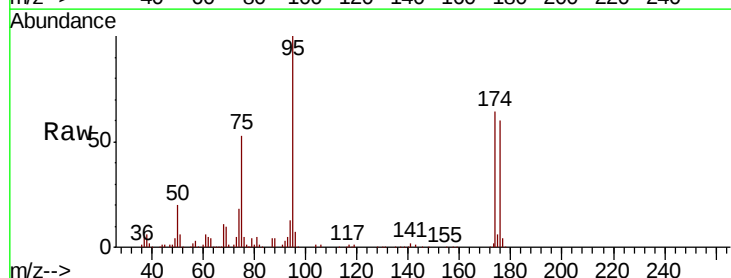
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-B

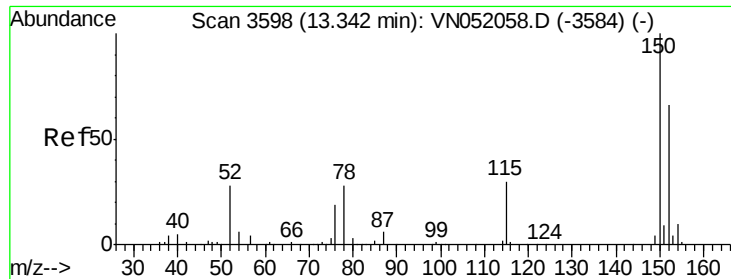
Tgt Ion:104 Resp: 3303
Ion Ratio Lower Upper
104 100
78 50.0 43.0 64.6
103 63.3 45.1 67.7



#71
Bromoform
Concen: 2.477 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN052110.D
Acq: 1 Nov 2018 18:29

Tgt Ion:173 Resp: 705
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

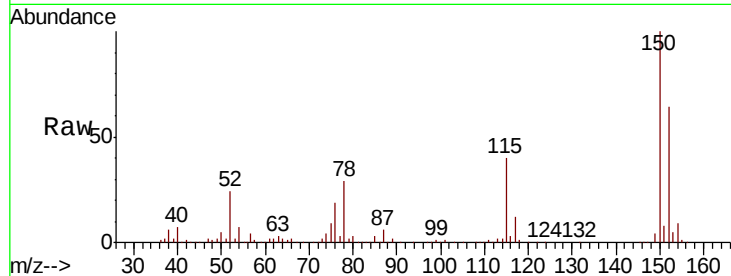
Tgt Ion:152 Resp: 219054

Ion Ratio Lower Upper

152 100

115 62.9 31.6 95.0

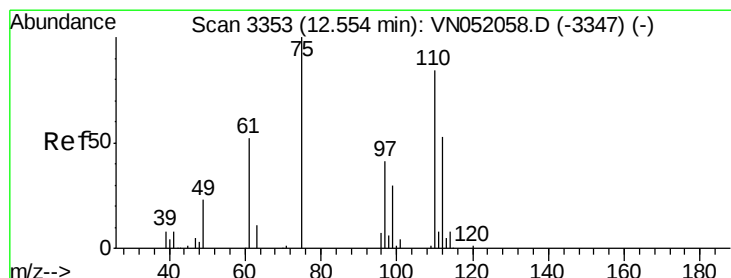
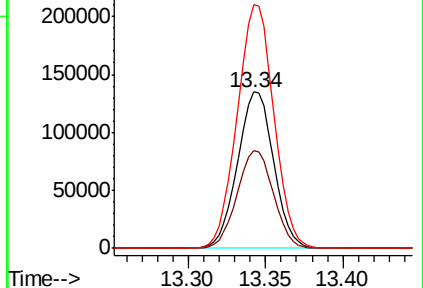
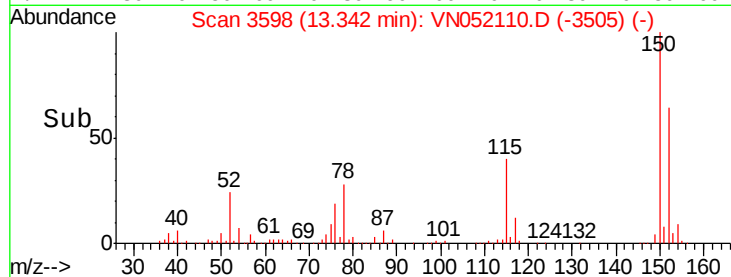
150 157.9 0.0 345.0



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: 37.914 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052110.D

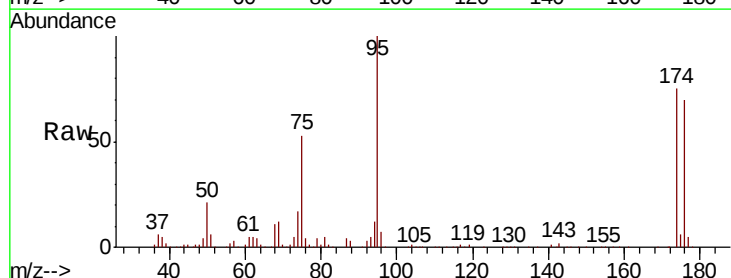
Acq: 1 Nov 2018 18:29

Tgt Ion: 75 Resp: 152031

Ion Ratio Lower Upper

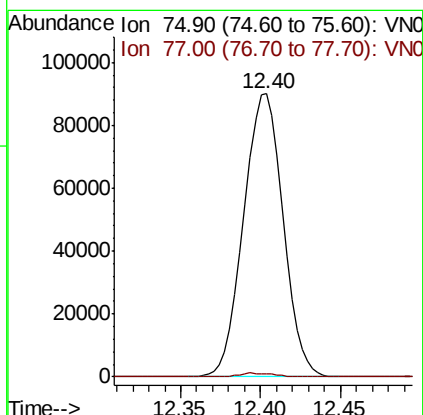
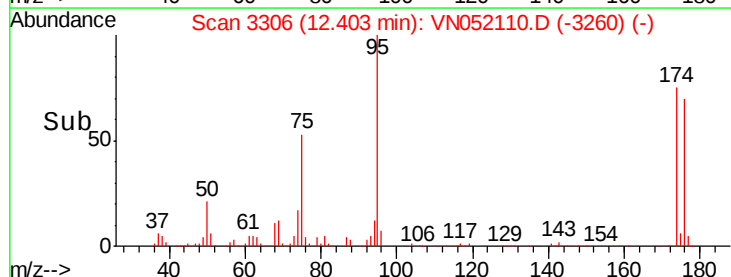
75 100

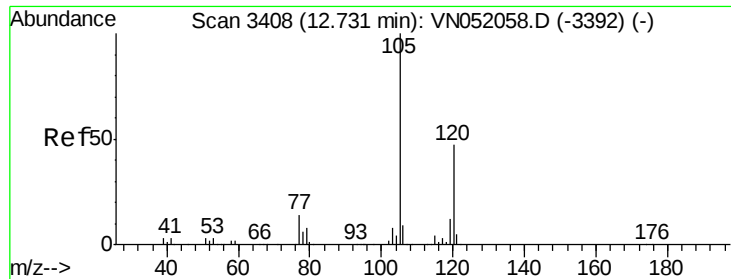
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.394 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

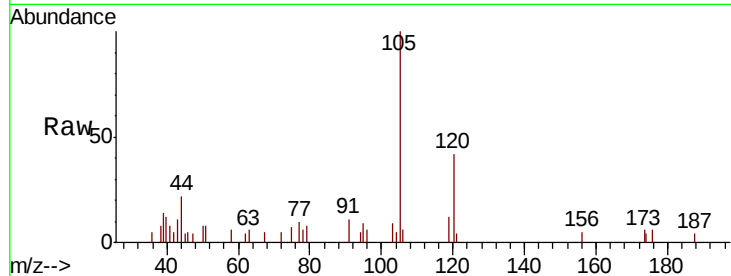
OR-03-103118-B

Tgt Ion:105 Resp: 6012

Ion Ratio Lower Upper

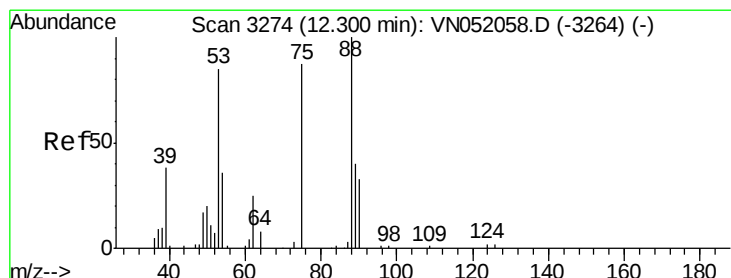
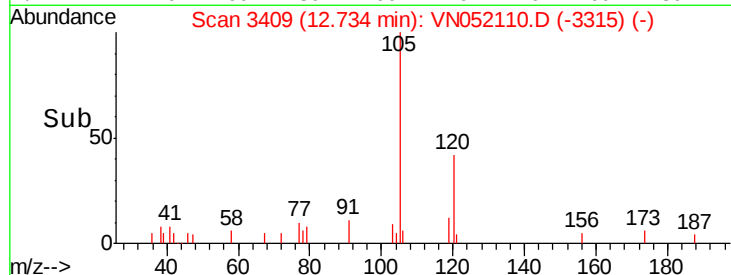
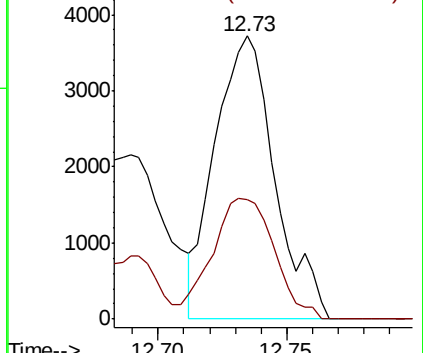
105 100

120 44.7 23.4 70.0



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: 125.843 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

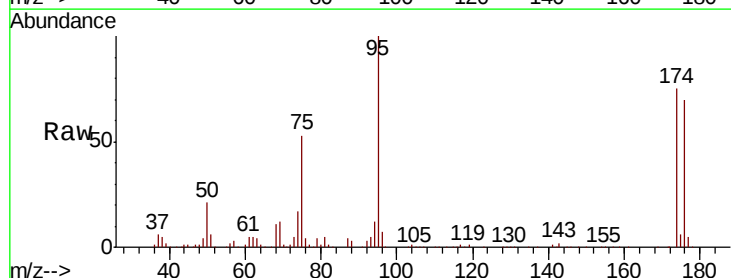
Tgt Ion: 75 Resp: 152031

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.6#

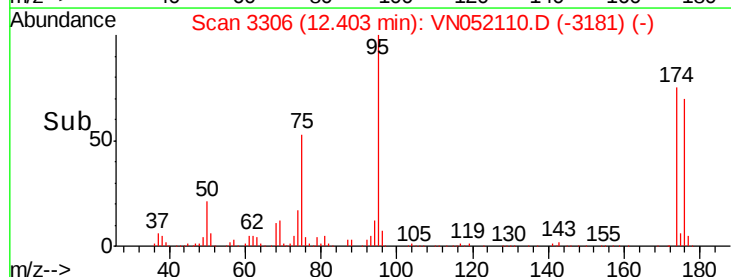
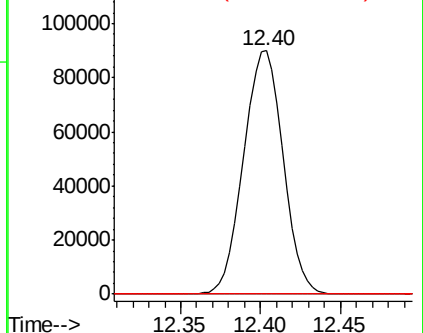
89 0.0 36.6 54.8#

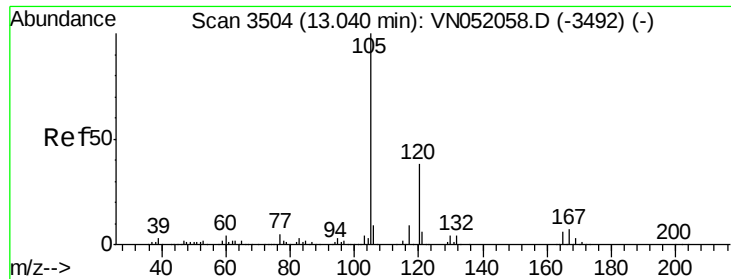


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

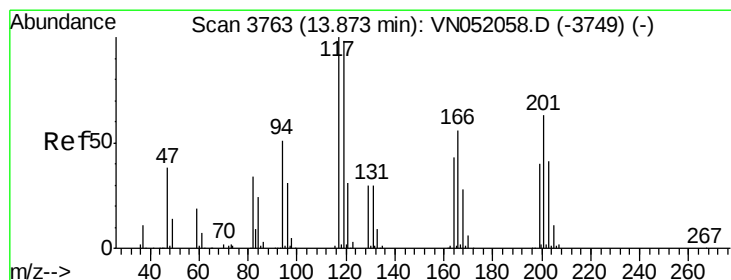
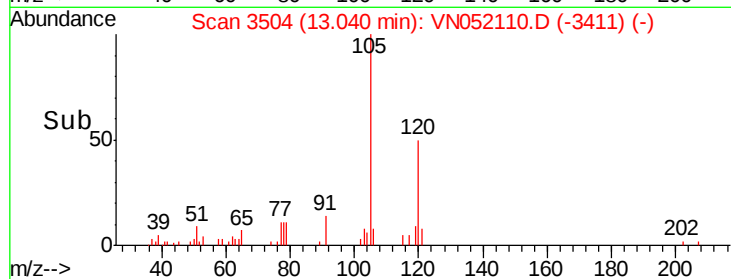
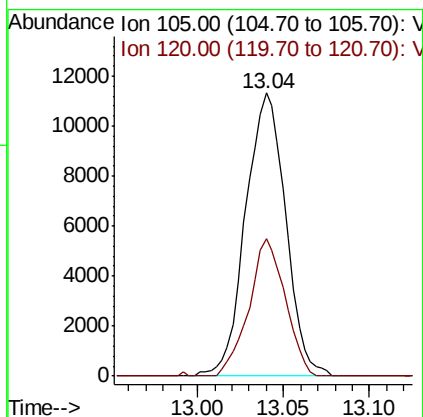
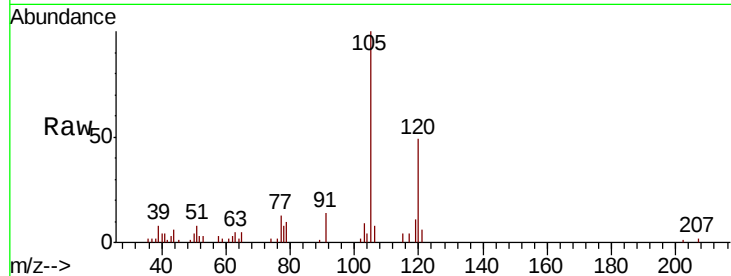




#84
 1,2,4-Trimethylbenzene
 Concen: 1.205 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052110.D
 Acq: 1 Nov 2018 18:29

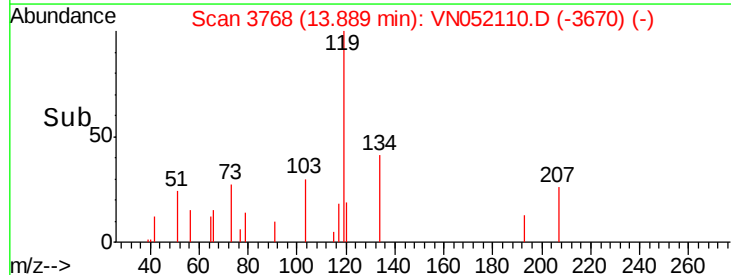
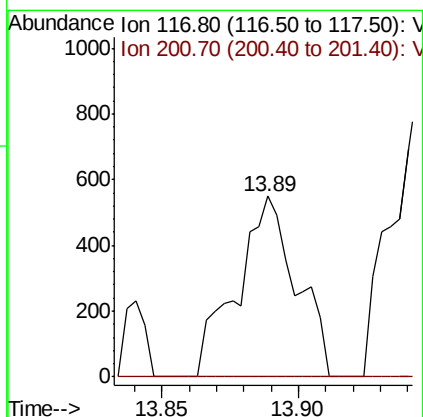
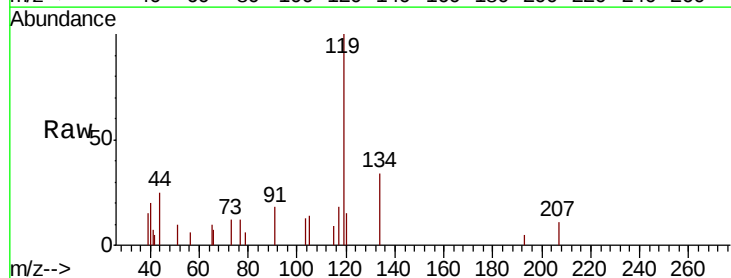
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-B

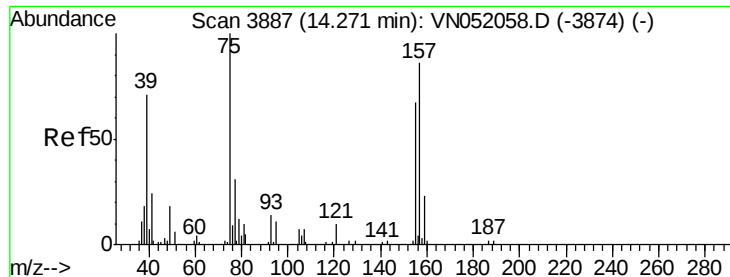
Tgt Ion:105 Resp: 18278
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.5



#90
 Hexachloroethane
 Concen: 0.324 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.02 min
 Lab File: VN052110.D
 Acq: 1 Nov 2018 18:29

Tgt Ion:117 Resp: 828
 Ion Ratio Lower Upper
 117 100
 201 0.0 31.1 93.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.026 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-B

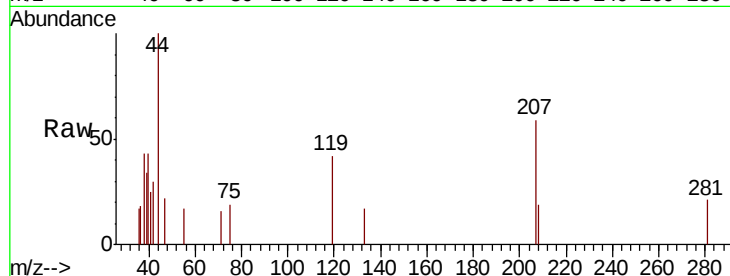
Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

155 0.0 34.0 102.0#

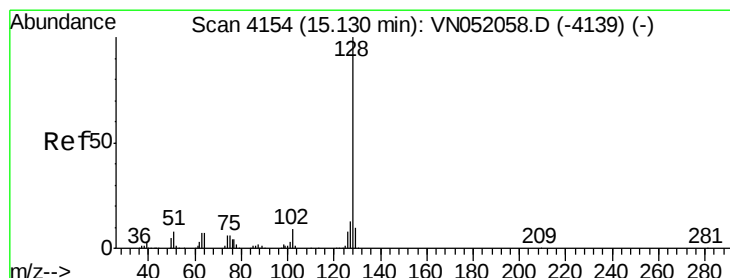
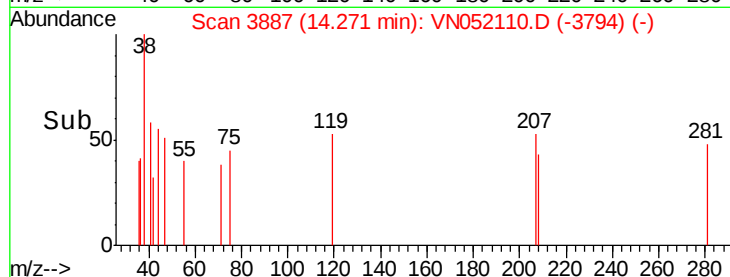
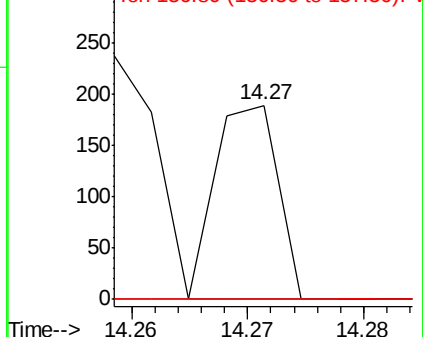
157 0.0 42.1 126.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052110.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN052110.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN052110.D (-3874) (-)



#95

Naphthalene

Concen: 7.190 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052110.D

Acq: 1 Nov 2018 18:29

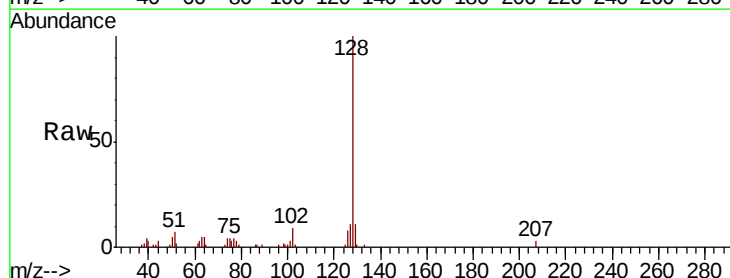
Tgt Ion: 128 Resp: 45128

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

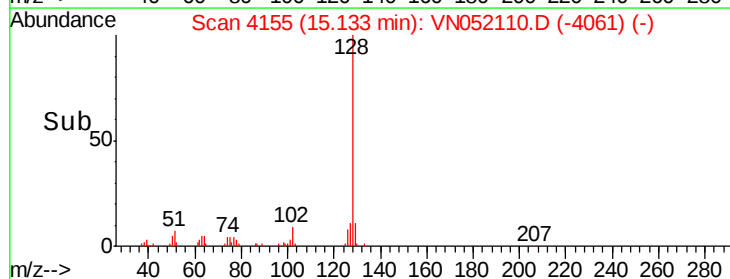
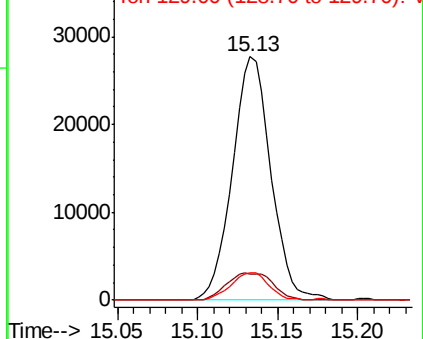
129 11.2 8.6 12.8

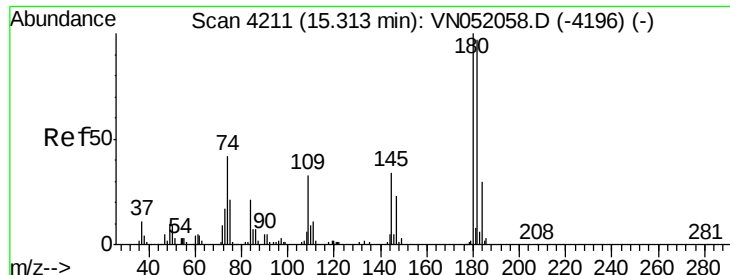


Abundance Ion 128.00 (127.70 to 128.70): VN052110.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN052110.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN052110.D (-4139) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 0.203 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN052110.D
 Acq: 1 Nov 2018 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-B

Tgt Ion:180 Resp: 438
 Ion Ratio Lower Upper
 180 100
 182 128.3 47.2 141.6
 145 56.2 16.6 49.7#

