

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
 Data File : VN060713.D
 Acq On : 26 Mar 2020 14:41
 Operator : JC/MD
 Sample : L1997-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

Quant Time: Mar 27 05:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	118846	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.57	113	90172	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.08	98	372553	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	134987	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	730	0.217	ug/l	90
15) Acrylonitrile	4.95	53	416	0.377	ug/l #	80
16) Acetone	3.79	43	2578	2.853	ug/l #	83
17) Carbon Disulfide	4.04	76	3479	0.569	ug/l #	91
20) Methylene Chloride	4.52	84	4179	1.880	ug/l	93
25) 2-Butanone	6.81	43	699	0.478	ug/l #	50
29) Tetrahydrofuran	7.18	42	716	0.692	ug/l #	56
31) Cyclohexane	7.64	56	4043	0.984	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14562	4.938	ug/l #	49
37) Ethyl Acetate	6.81	43	699	0.219	ug/l #	39
38) Carbon Tetrachloride	7.64	117	17350	6.565	ug/l #	16
41) Methacrylonitrile	7.17	41	282	0.207	ug/l #	100
44) Trichloroethene	8.82	130	544	0.242	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	1433	0.479	ug/l #	66
52) Toluene	10.15	92	2053	0.382	ug/l	94
59) 2-Hexanone	10.74	43	2648	1.229	ug/l	74
68) m/p-Xylenes	11.62	106	1243	0.326	ug/l	96
71) Bromoform	12.12	173	59	1.715	ug/l #	29
74) N-amyl acetate	12.07	43	1284	0.296	ug/l #	74
76) 1,2,3-Trichloropropane	12.40	75	69004	25.565	ug/l #	100
77) Bromobenzene	12.52	156	671	0.297	ug/l	97
78) n-propylbenzene	12.59	91	2981	0.269	ug/l	94
79) 2-Chlorotoluene	12.67	91	1338	0.202	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.40	75	69004	65.657	ug/l #	13
82) 4-Chlorotoluene	12.77	91	2507	0.371	ug/l	95
83) tert-Butylbenzene	12.99	119	1537	0.233	ug/l	80
84) 1,2,4-Trimethylbenzene	13.04	105	1633	0.207	ug/l	89
85) sec-Butylbenzene	13.17	105	2271	0.256	ug/l	92
86) p-Isopropyltoluene	13.28	119	2479	0.310	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2009	0.504	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	2009	0.501	ug/l	97
89) n-Butylbenzene	13.61	91	4410	0.612	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1702	0.446	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	457	0.503	ug/l #	44

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

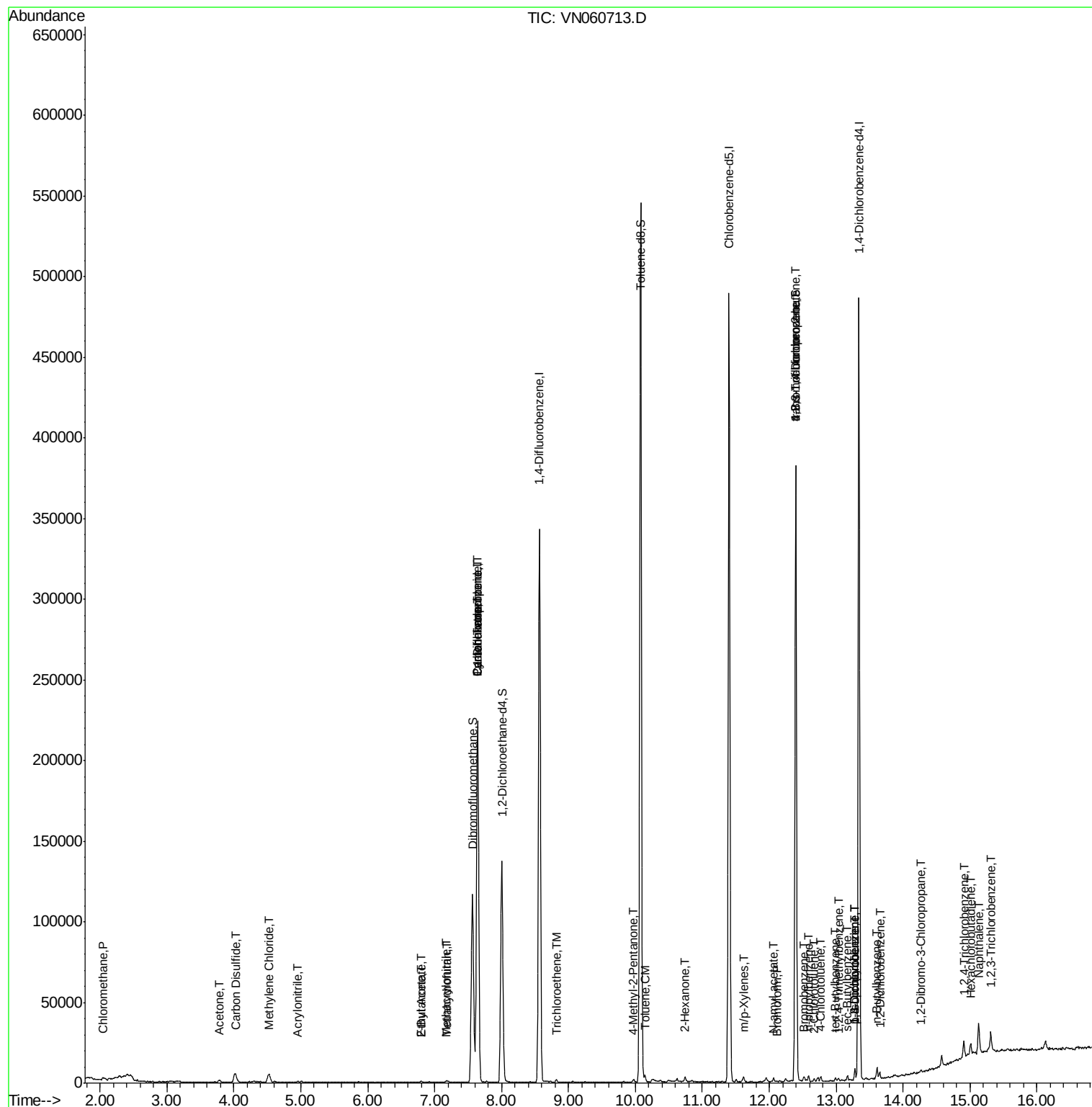
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	3627	1.548	ug/l	97
94) Hexachlorobutadiene	15.01	225	1610	1.402	ug/l	93
95) Naphthalene	15.13	128	15252	2.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	4233	1.834	ug/l	98

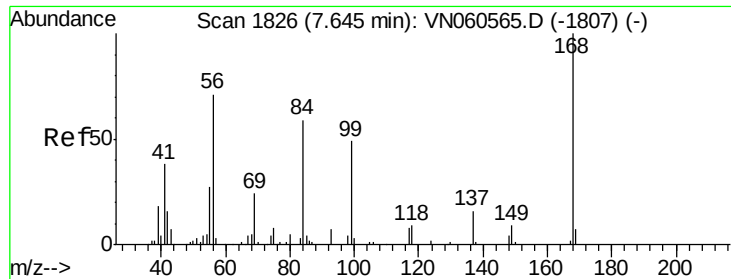
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

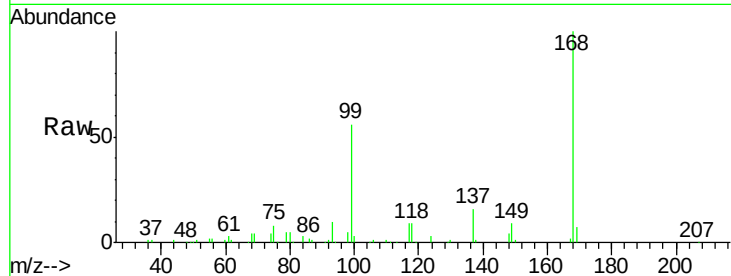
EB-20200316

Tgt Ion:168 Resp: 185800

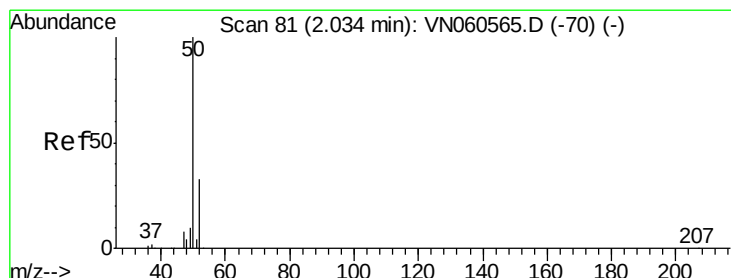
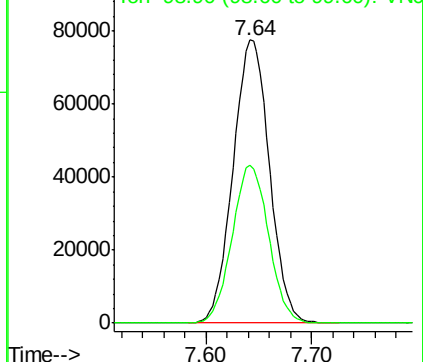
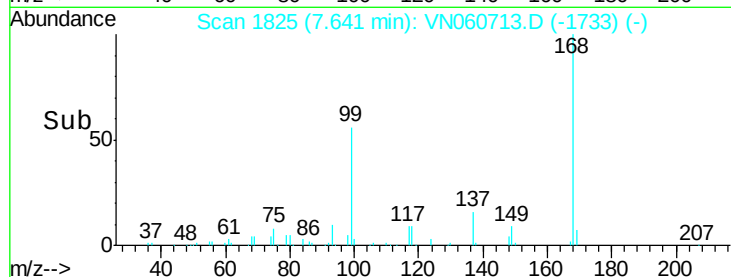
Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060713.D (-1733) (-)



#3

Chloromethane

Concen: 0.217 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN060713.D

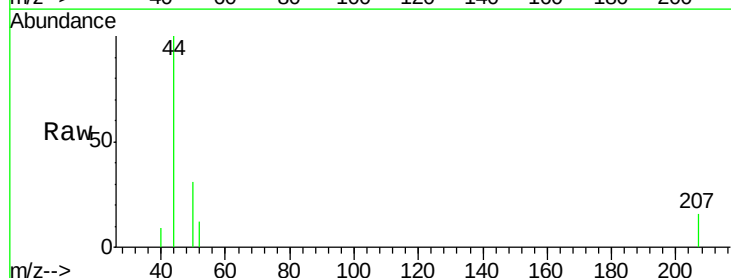
Acq: 26 Mar 2020 14:41

Tgt Ion: 50 Resp: 730

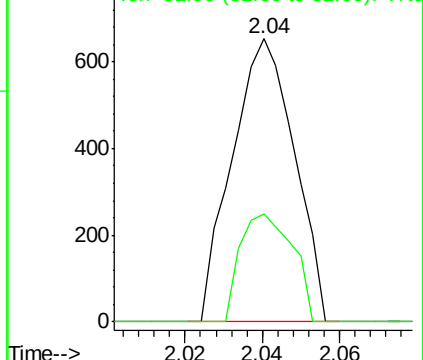
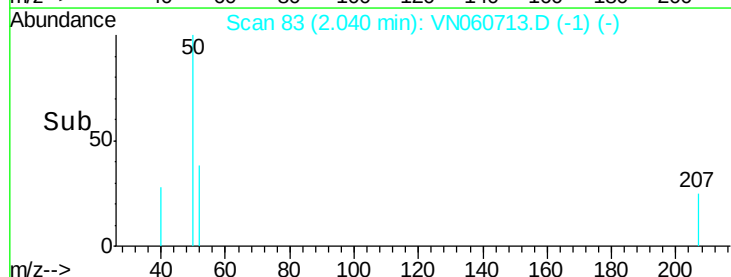
Ion Ratio Lower Upper

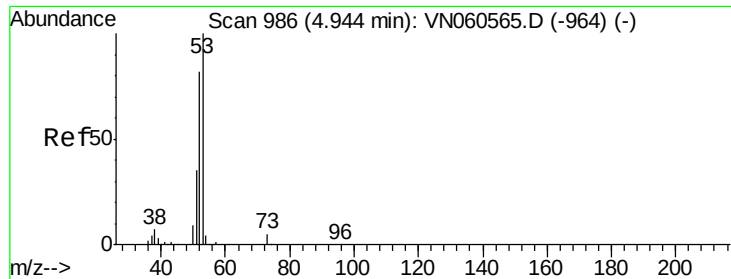
50 100

52 38.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN060713.D (-1) (-)





#15

Acrylonitrile

Concen: 0.377 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.01 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

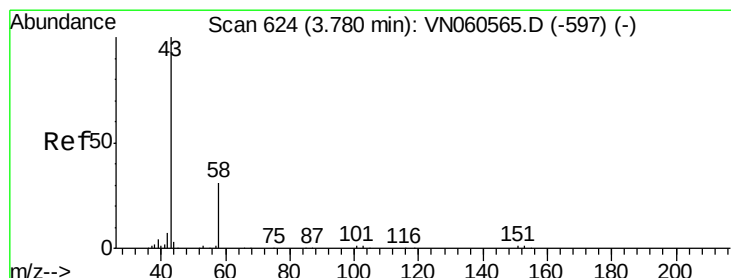
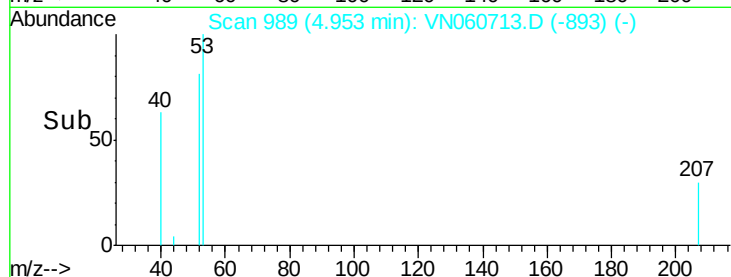
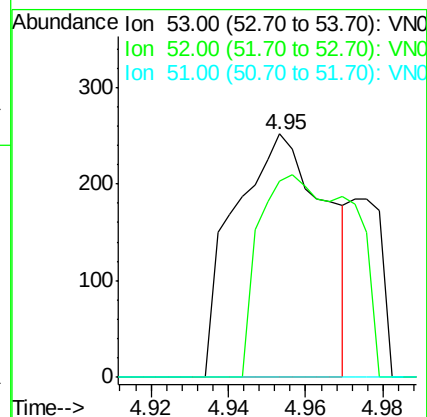
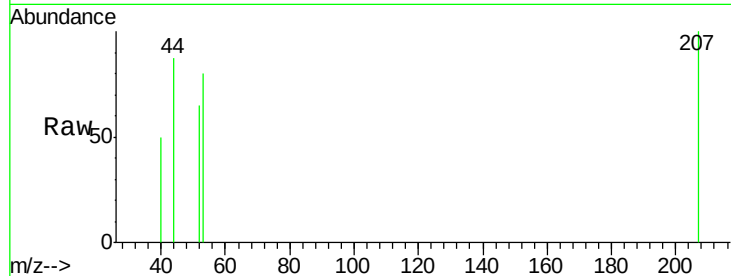
Tgt Ion: 53 Resp: 416

Ion Ratio Lower Upper

53 100

52 84.9 66.2 99.4

51 0.0 28.7 43.1#



#16

Acetone

Concen: 2.853 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060713.D

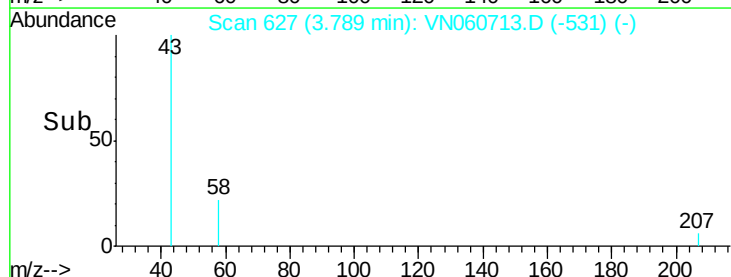
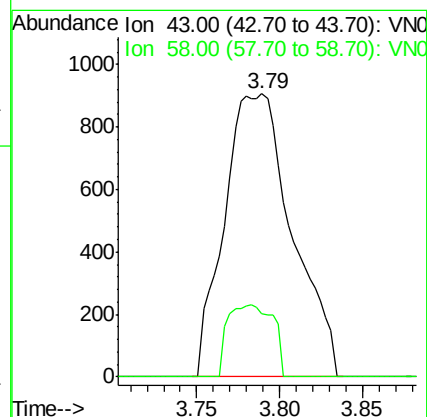
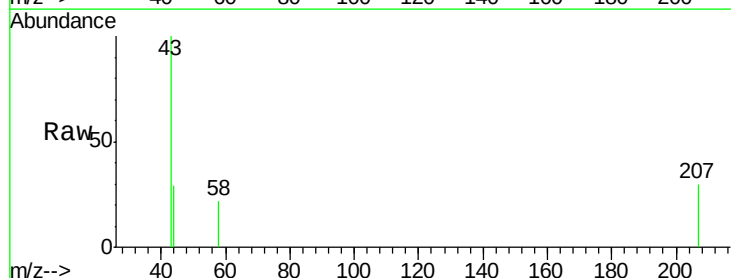
Acq: 26 Mar 2020 14:41

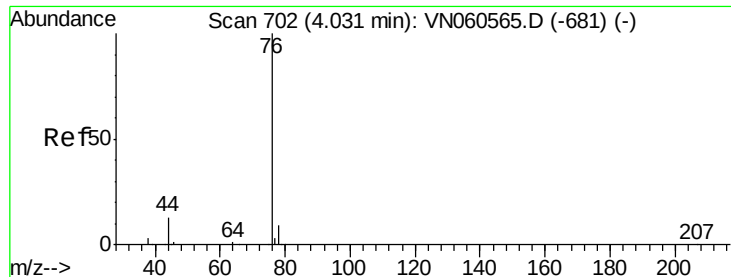
Tgt Ion: 43 Resp: 2578

Ion Ratio Lower Upper

43 100

58 22.2 25.1 37.7#





#17

Carbon Disulfide

Concen: 0.569 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

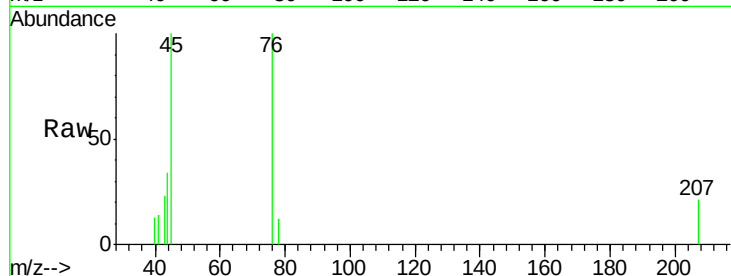
EB-20200316

Tgt Ion: 76 Resp: 3479

Ion Ratio Lower Upper

76 100

78 12.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN060713.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060713.D (-609) (-)

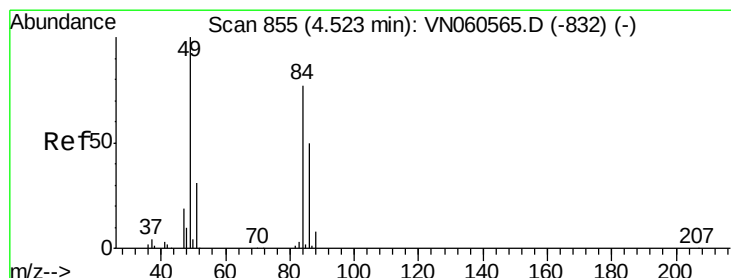
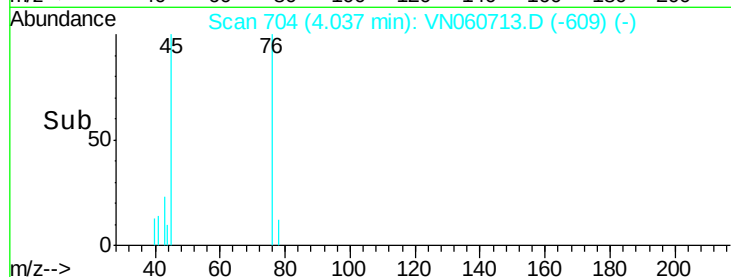
4.04

1000

500

0

Time--> 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 1.880 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Tgt Ion: 84 Resp: 4179

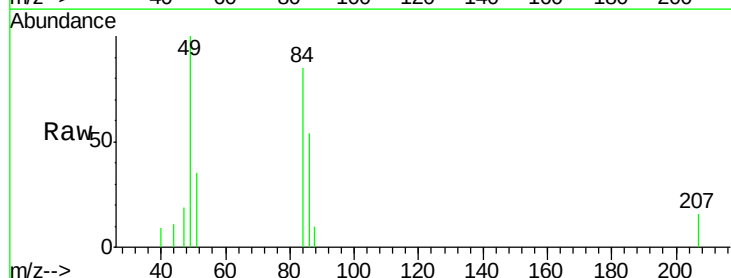
Ion Ratio Lower Upper

84 100

49 117.4 103.3 154.9

51 41.7 31.6 47.4

86 63.3 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060713.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060713.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060713.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060713.D (-762) (-)

4.52

2500

2000

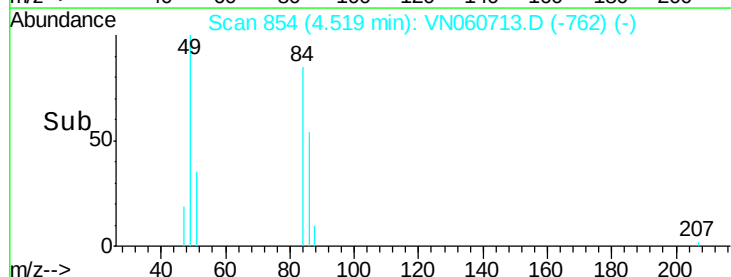
1500

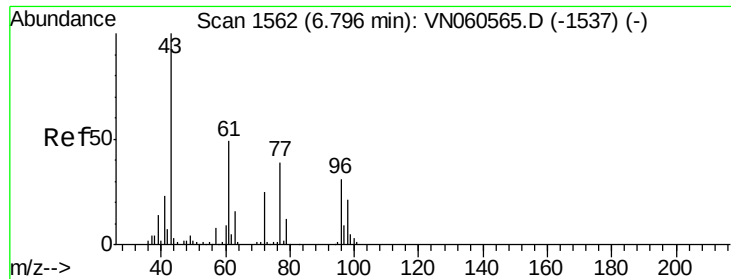
1000

500

0

Time--> 4.45 4.50 4.55 4.60

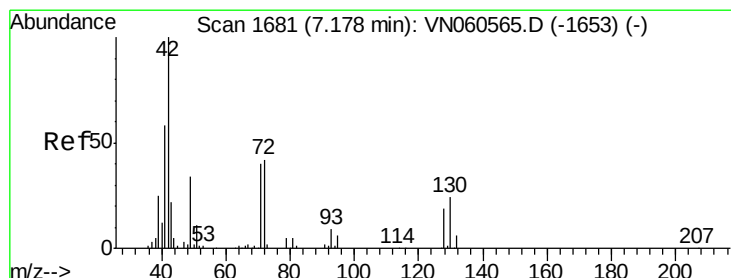
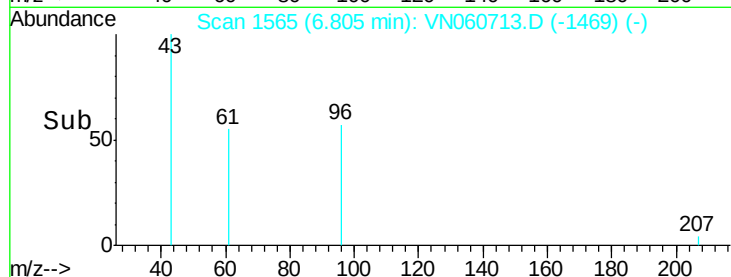
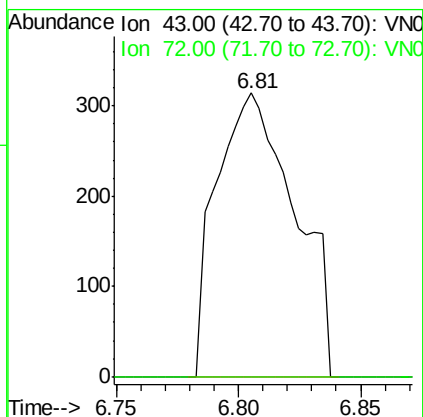
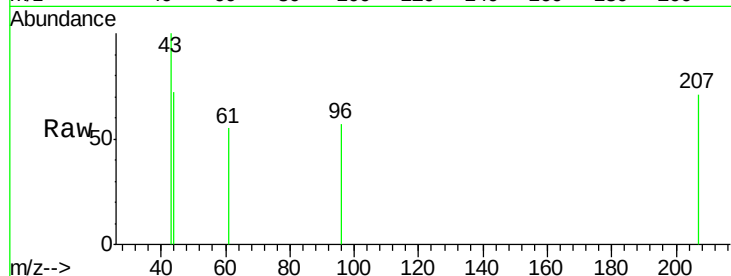




#25
2-Butanone
Concen: 0.478 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

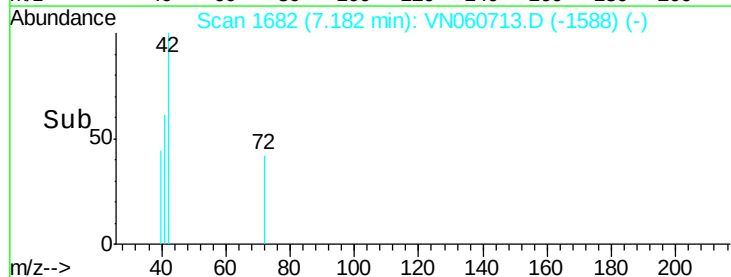
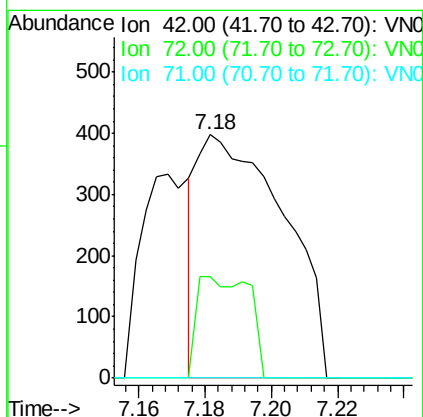
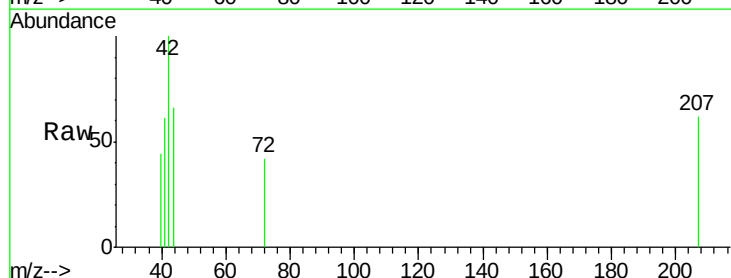
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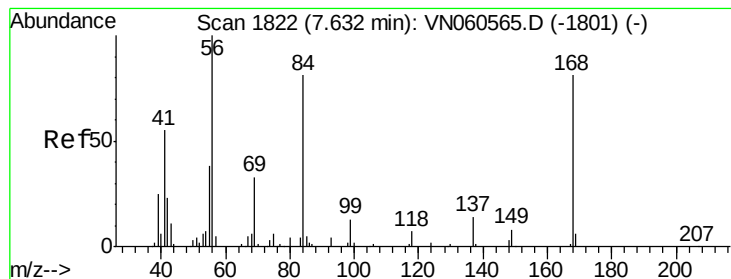
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#29
Tetrahydrofuran
Concen: 0.692 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Tgt Ion: 42 Resp: 716
Ion Ratio Lower Upper
42 100
72 25.4 33.2 49.8#
71 0.0 31.1 46.7#





#31

Cyclohexane

Concen: 0.984 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

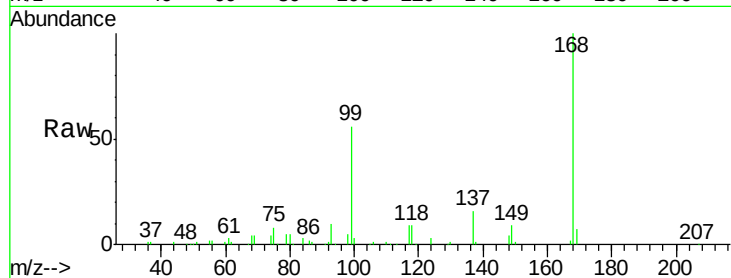
Tgt Ion: 56 Resp: 4043

Ion Ratio Lower Upper

56 100

69 185.1 26.6 40.0#

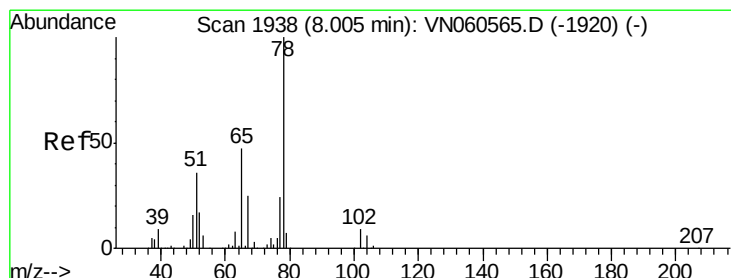
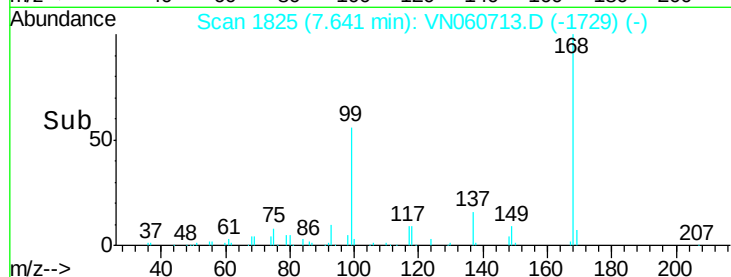
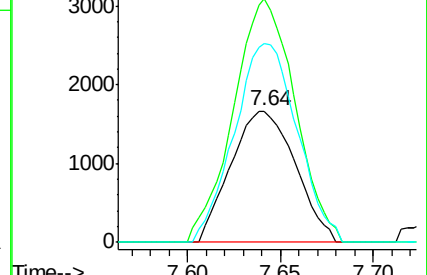
84 151.4 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060713.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060713.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060713.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.595 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060713.D

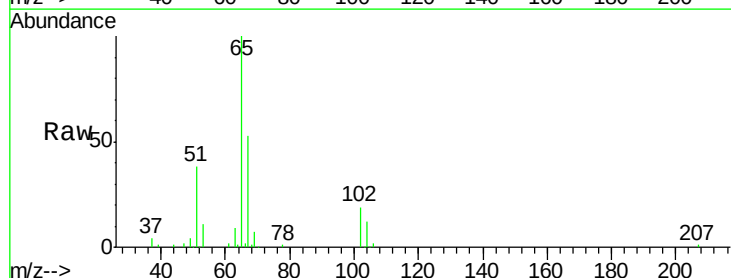
Acq: 26 Mar 2020 14:41

Tgt Ion: 65 Resp: 118846

Ion Ratio Lower Upper

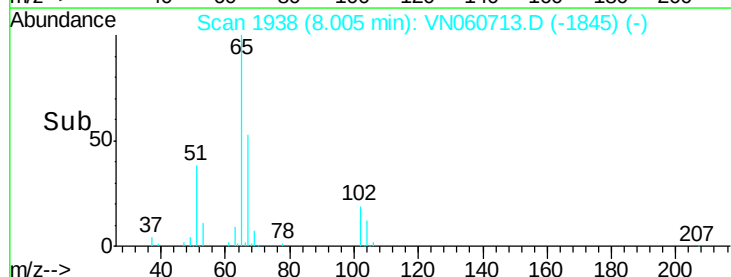
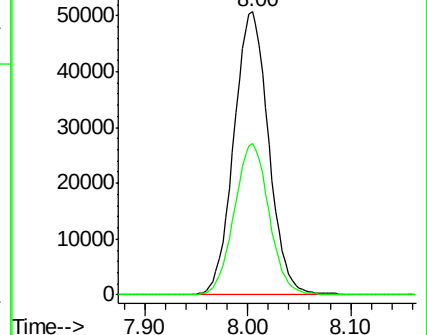
65 100

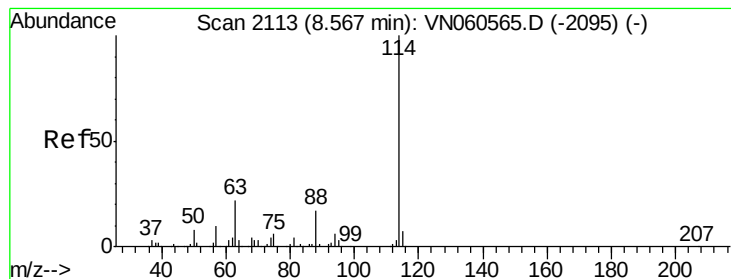
67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060713.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060713.D (-1845) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

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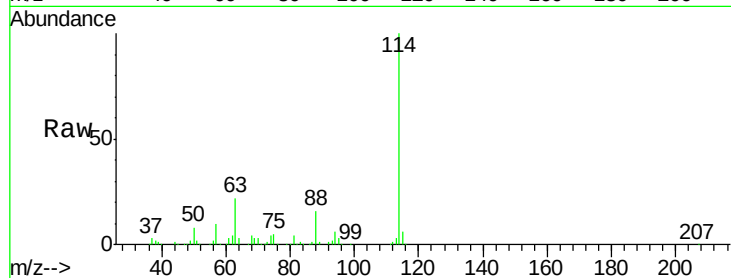
Tgt Ion:114 Resp: 304544

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

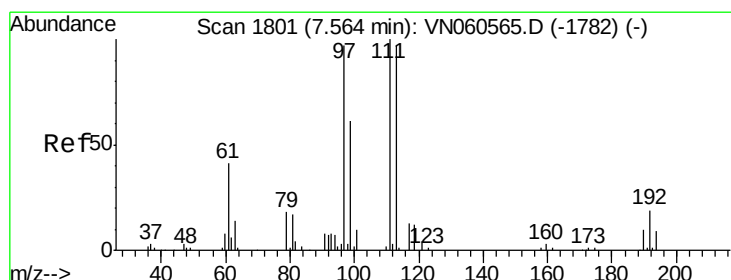
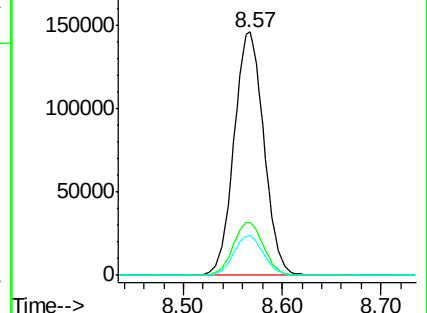
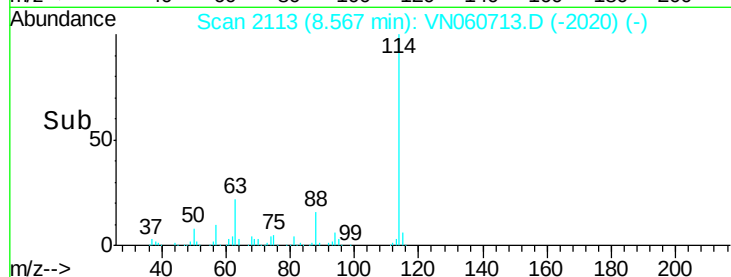
88 16.2 0.0 33.0



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: 48.967 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

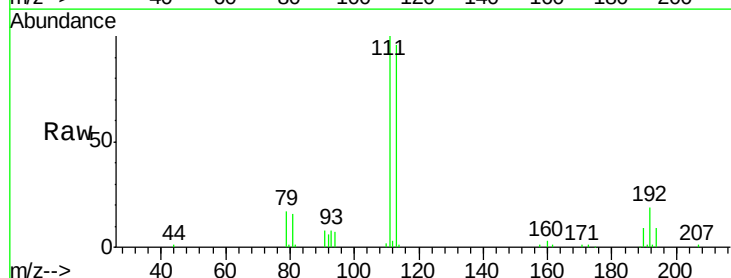
Tgt Ion:113 Resp: 90172

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

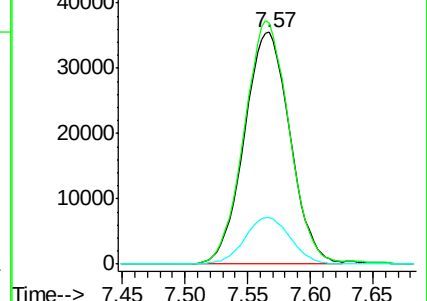
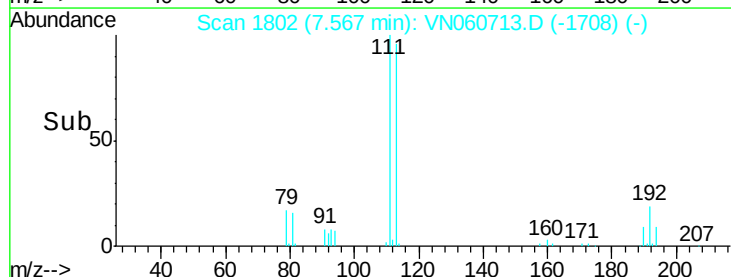
192 20.0 15.8 23.8

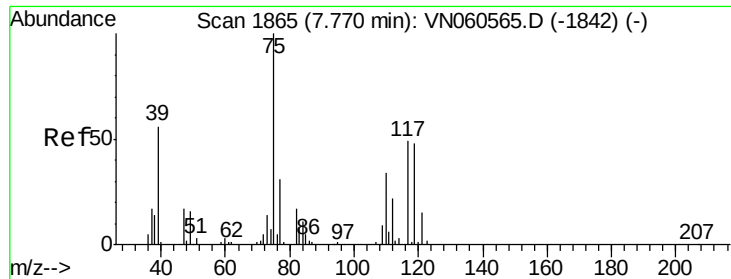


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

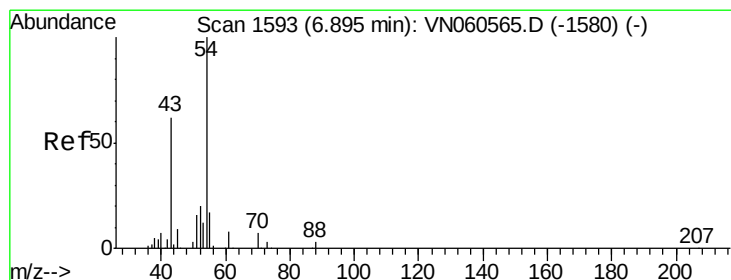
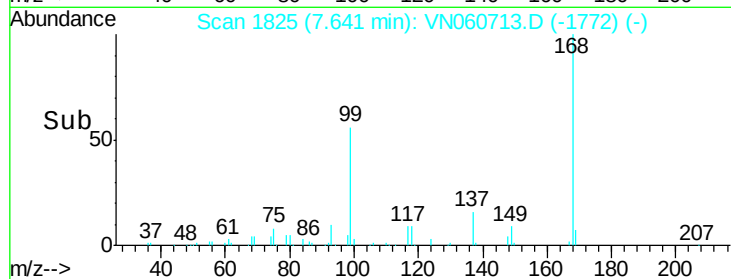
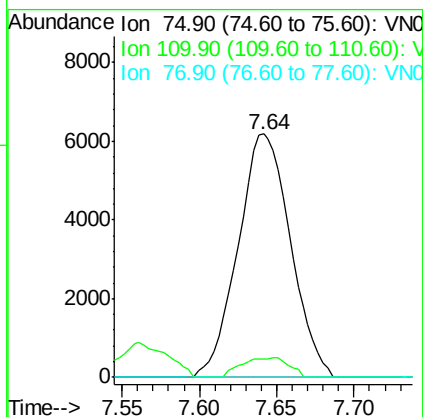
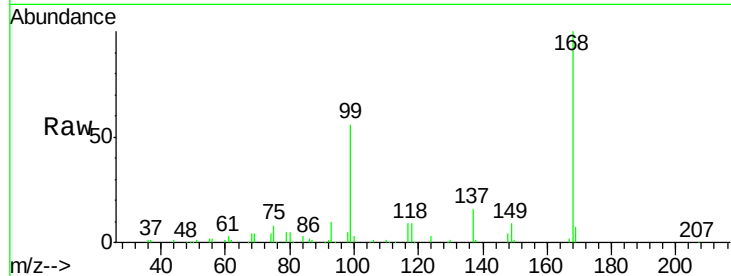




#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

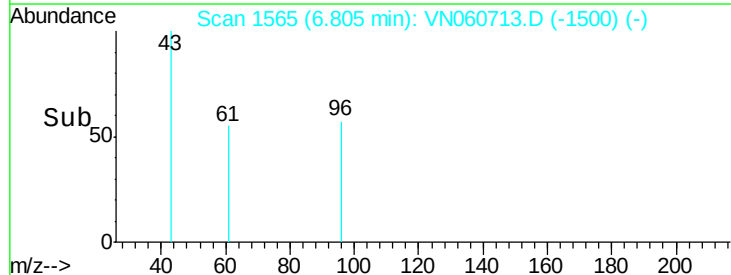
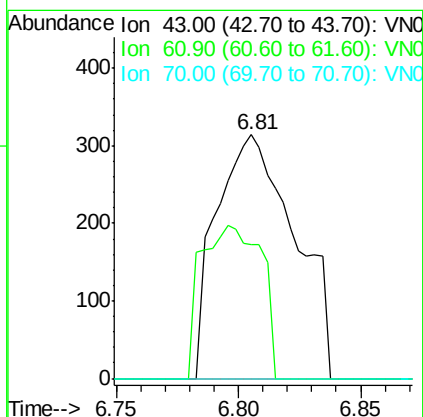
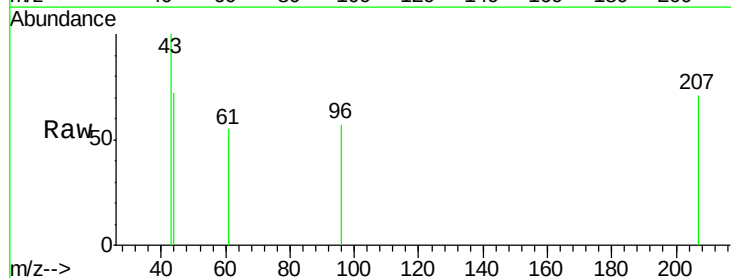
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

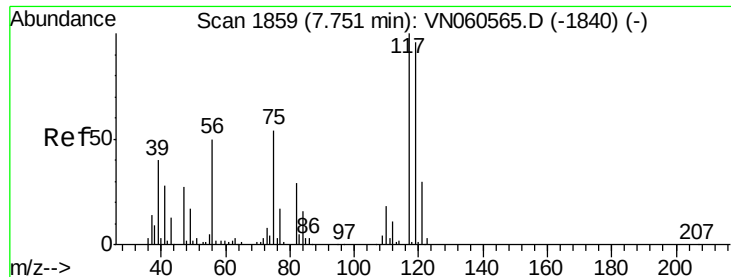
Tgt Ion: 75 Resp: 14562
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.9 50.6#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.219 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion: 43 Resp: 699
 Ion Ratio Lower Upper
 43 100
 61 47.9 10.6 15.8#
 70 0.0 7.9 11.9#





#38

Carbon Tetrachloride

Concen: 6.565 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

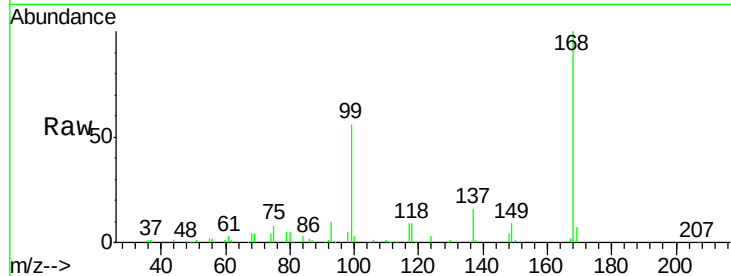
Tgt Ion:117 Resp: 17350

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

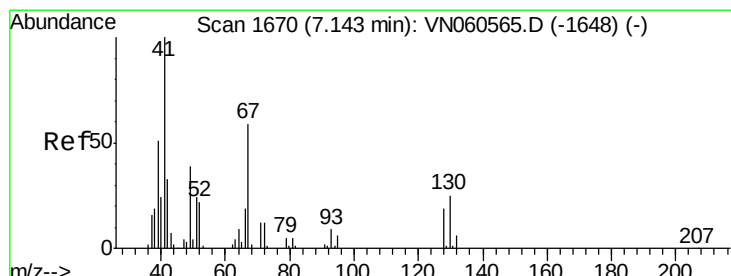
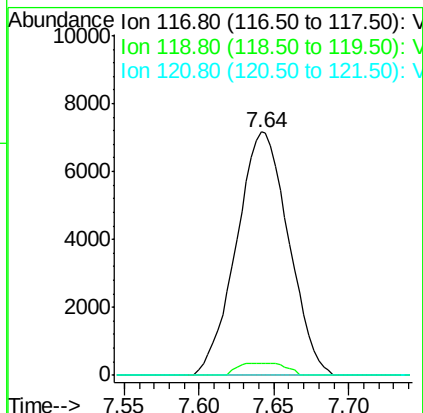
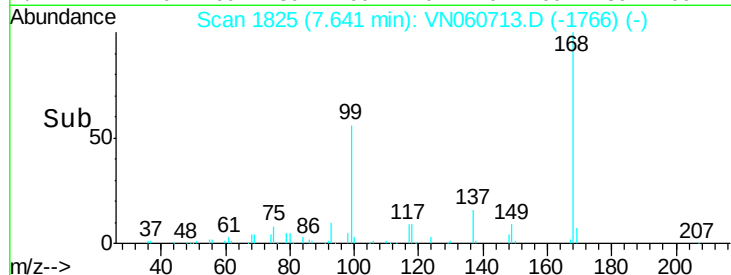
121 0.0 23.7 35.5#



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



#41

Methacrylonitrile

Concen: 0.207 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.02 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Tgt Ion: 41 Resp: 282

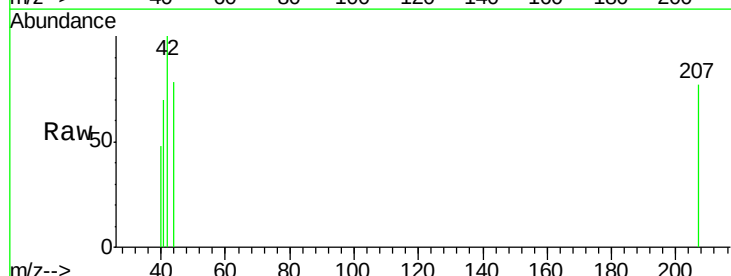
Ion Ratio Lower Upper

41 100

39 10.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

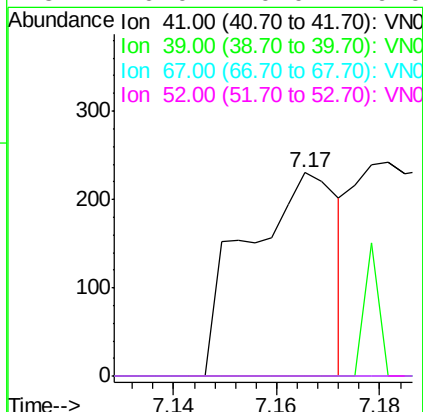
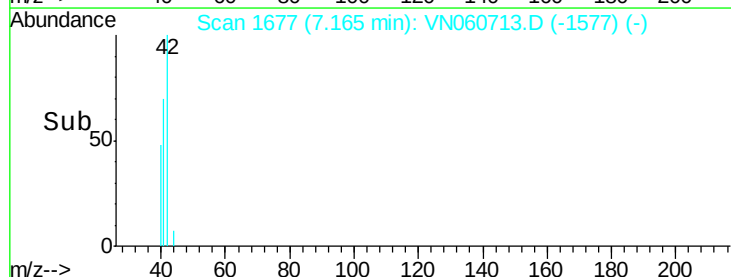


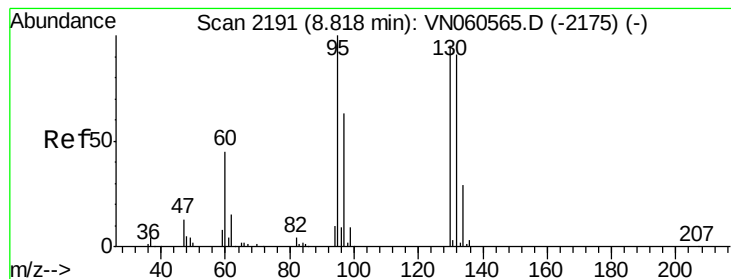
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#44

Trichloroethene

Concen: 0.242 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

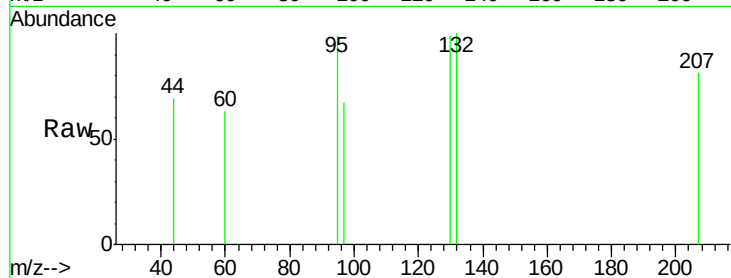
EB-20200316

Tgt Ion:130 Resp: 544

Ion Ratio Lower Upper

130 100

95 100.3 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

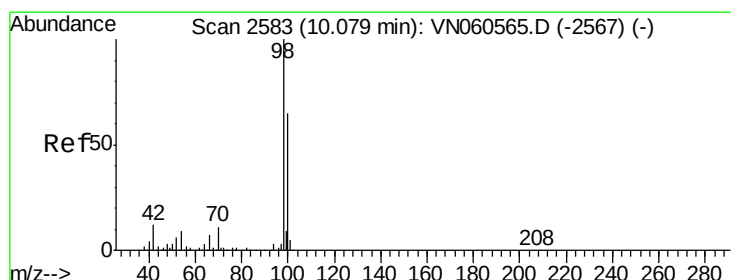
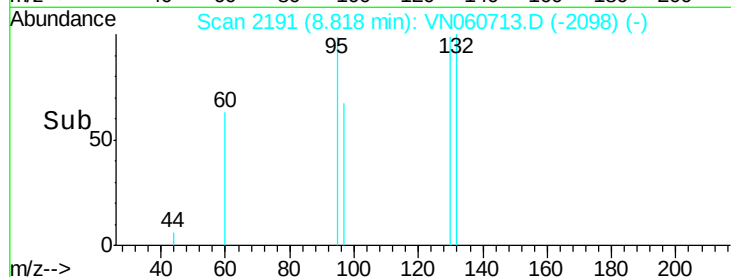
300

200

100

0

Time--> 8.78 8.80 8.82 8.84



#50

Toluene-d8

Concen: 49.530 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060713.D

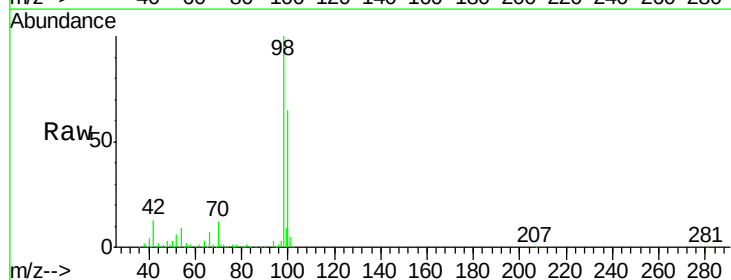
Acq: 26 Mar 2020 14:41

Tgt Ion: 98 Resp: 372553

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.08

200000

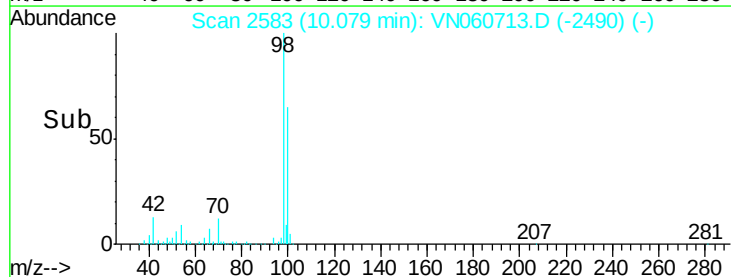
150000

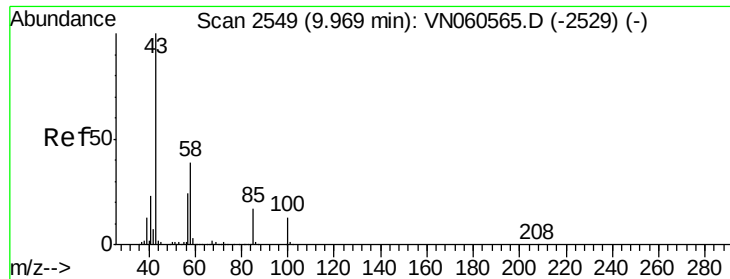
100000

50000

0

Time--> 10.00 10.10 10.20





#51

4-Methyl-2-Pentanone

Concen: 0.479 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

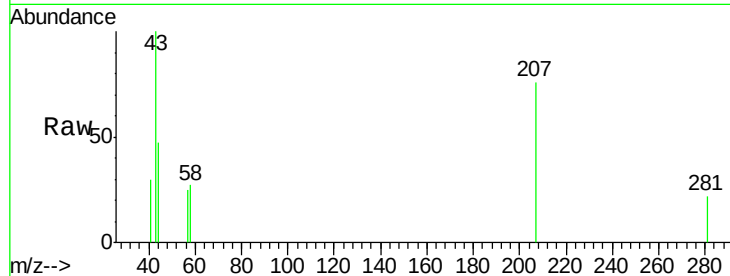
EB-20200316

Tgt Ion: 43 Resp: 1433

Ion Ratio Lower Upper

43 100

58 17.9 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

600

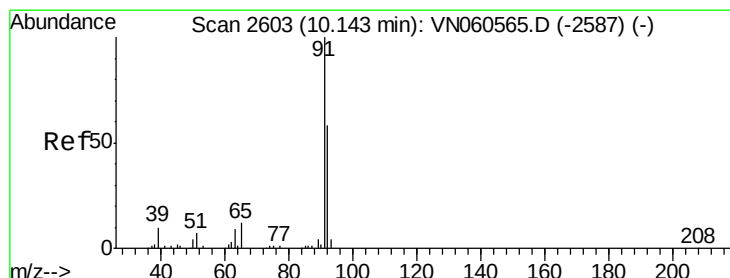
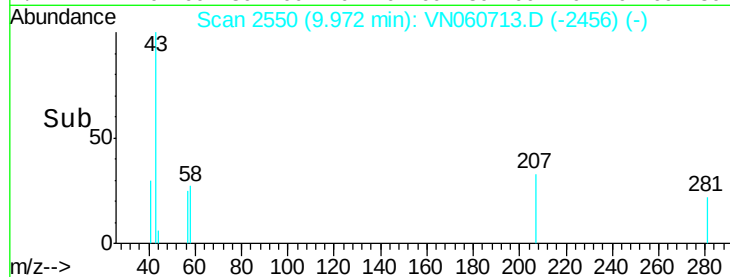
400

200

0

9.95 10.00

Time-->



#52

Toluene

Concen: 0.382 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN060713.D

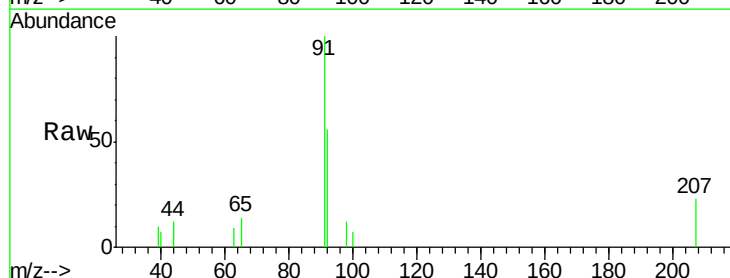
Acq: 26 Mar 2020 14:41

Tgt Ion: 92 Resp: 2053

Ion Ratio Lower Upper

92 100

91 180.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

2500

2000

1500

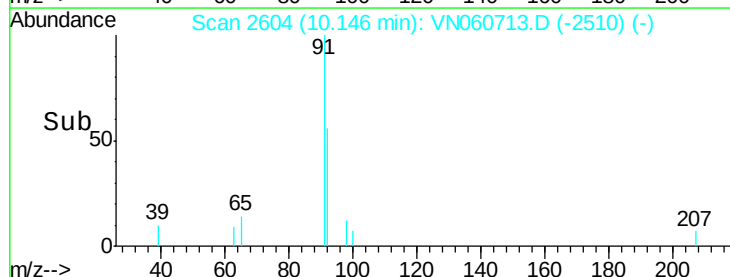
1000

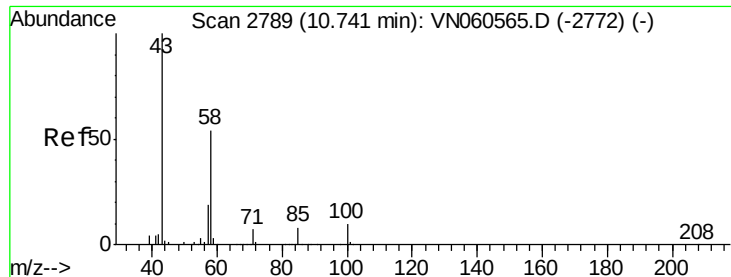
500

0

10.10 10.15

Time-->





#59

2-Hexanone

Concen: 1.229 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

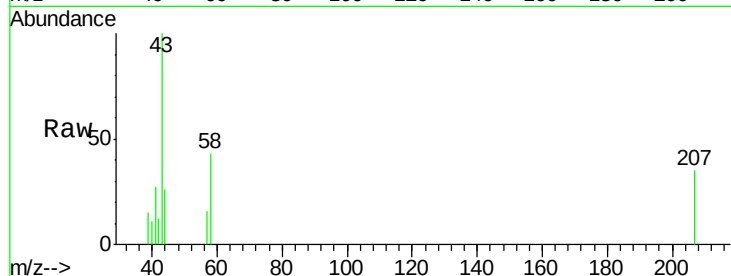
EB-20200316

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

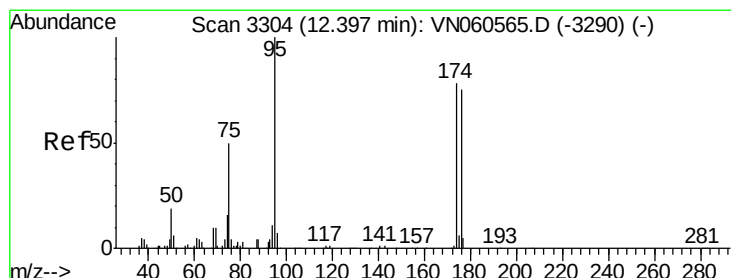
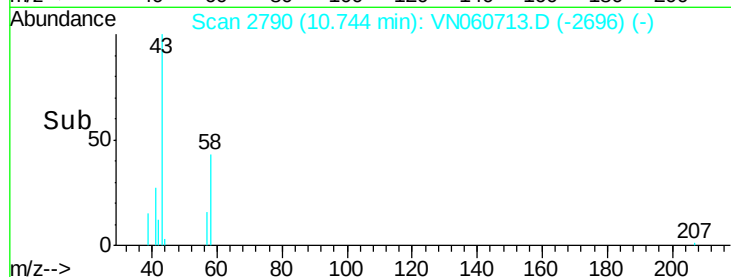
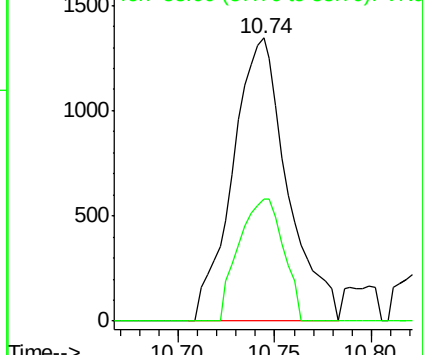
43 100

58 35.1 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.968 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

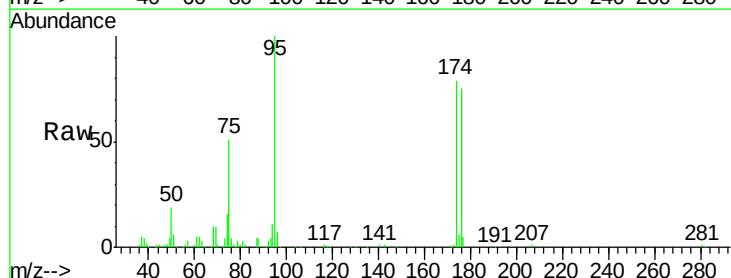
Tgt Ion: 95 Resp: 134987

Ion Ratio Lower Upper

95 100

174 79.4 0.0 157.6

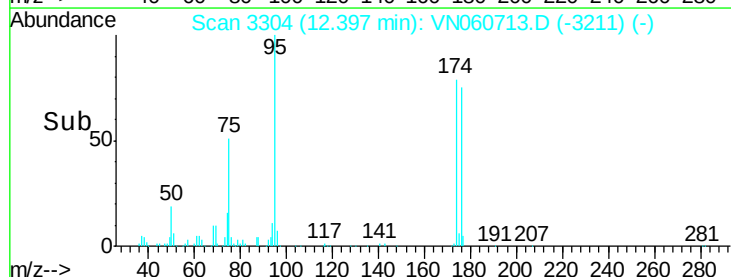
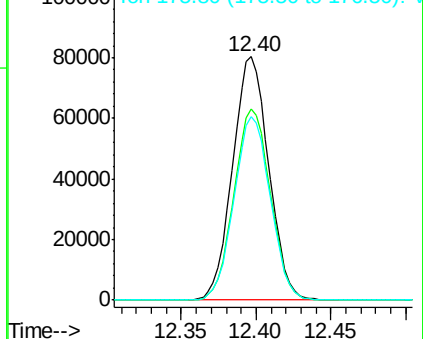
176 75.9 0.0 150.6

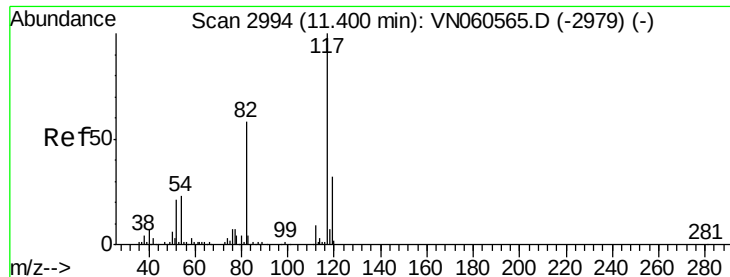


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

EB-20200316

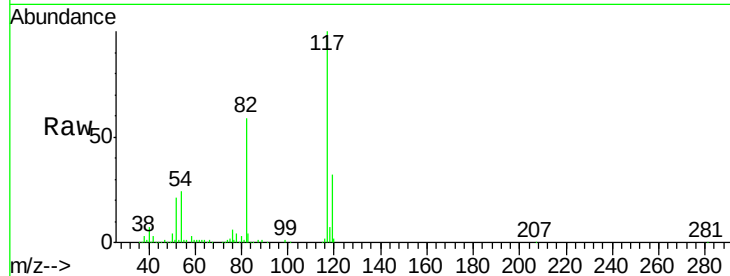
Tgt Ion:117 Resp: 278521

Ion Ratio Lower Upper

117 100

82 59.0 46.7 70.1

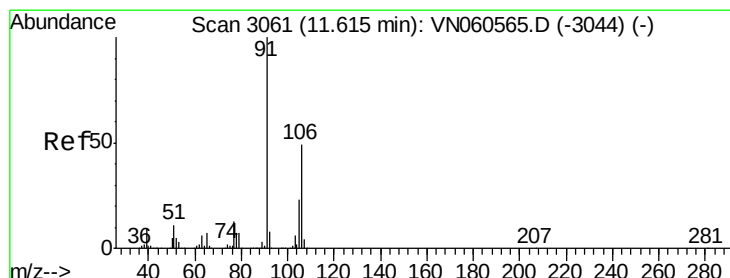
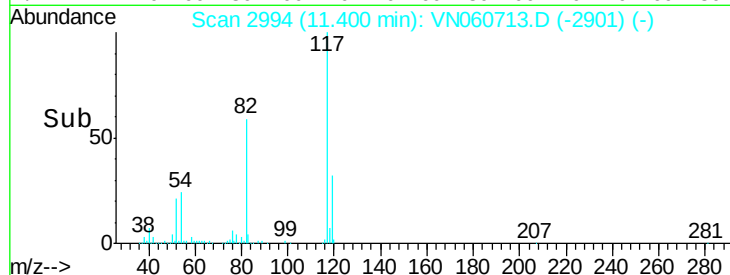
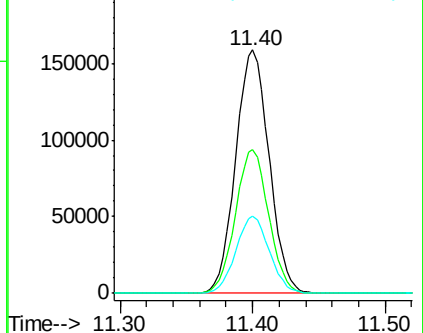
119 31.8 25.5 38.3



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: 0.326 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN060713.D

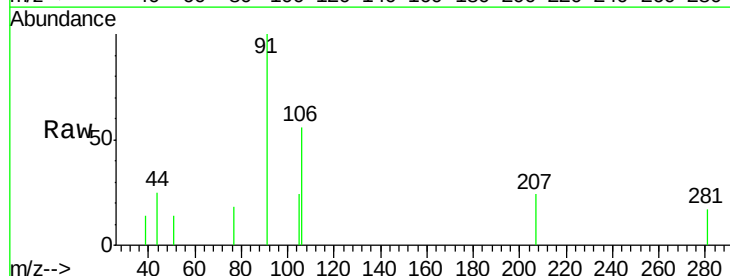
Acq: 26 Mar 2020 14:41

Tgt Ion:106 Resp: 1243

Ion Ratio Lower Upper

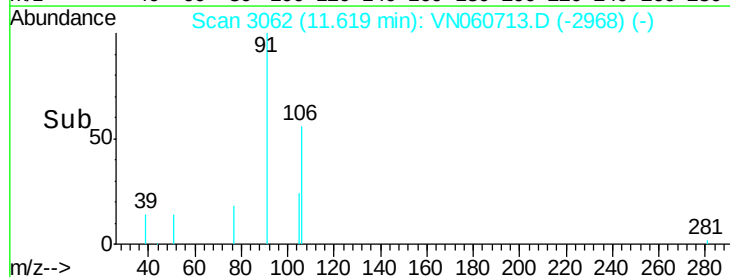
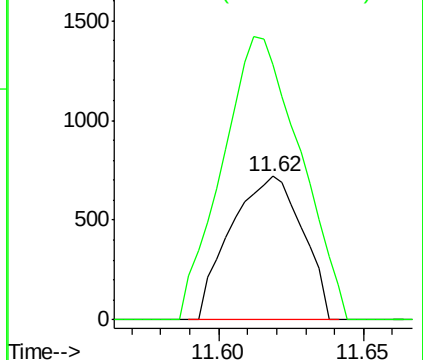
106 100

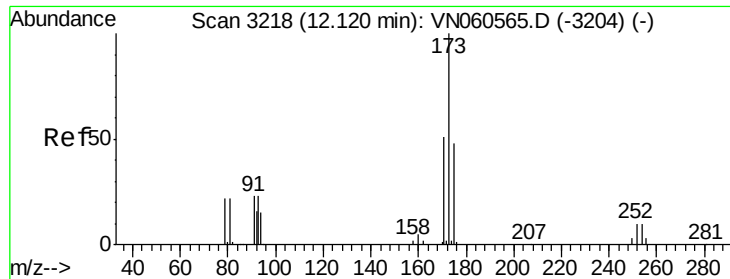
91 212.3 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 1.715 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

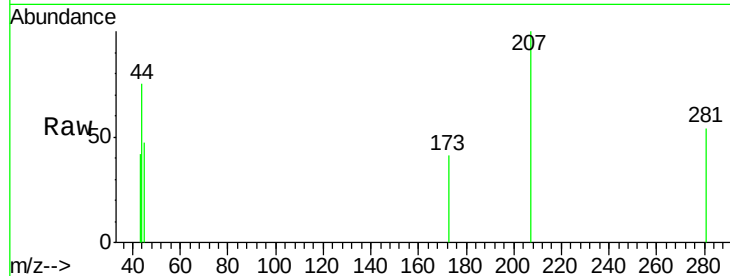
Tgt Ion:173 Resp: 59

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

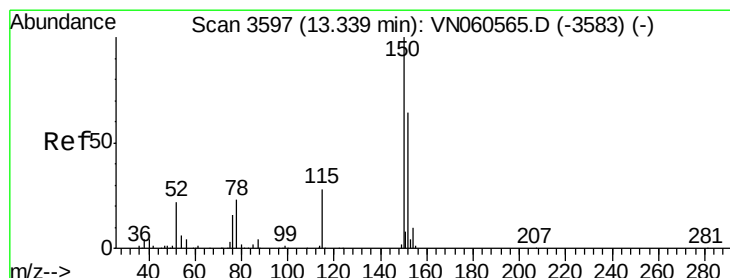
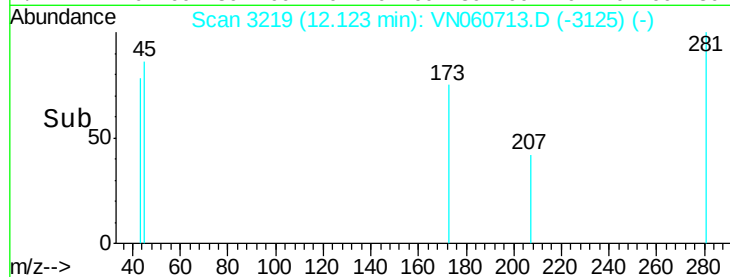
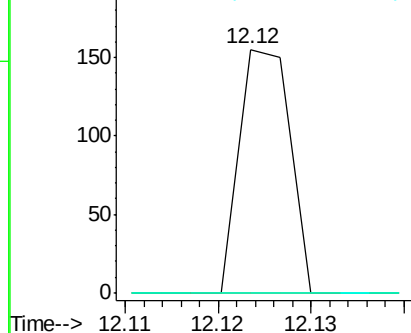
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

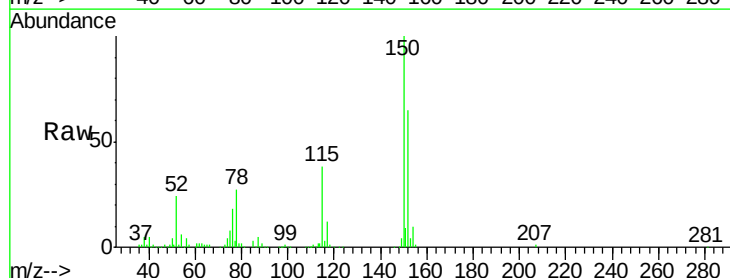
Tgt Ion:152 Resp: 125091

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

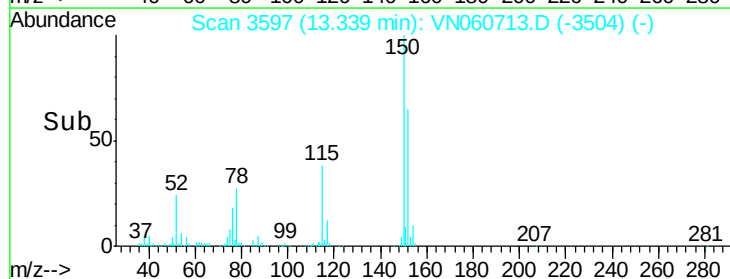
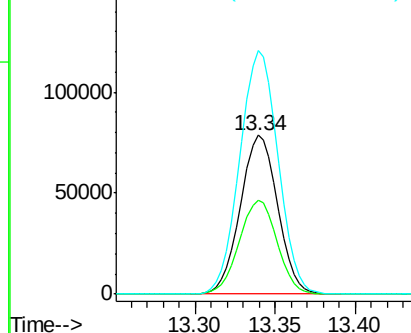
150 157.6 0.0 350.2

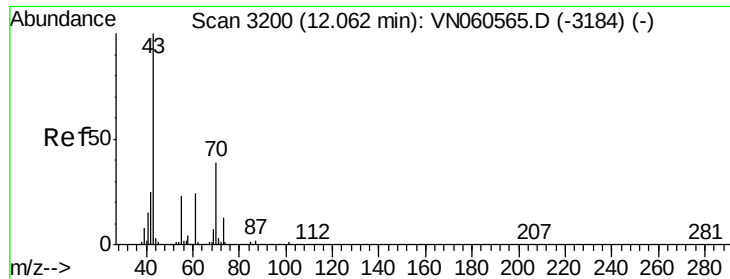


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

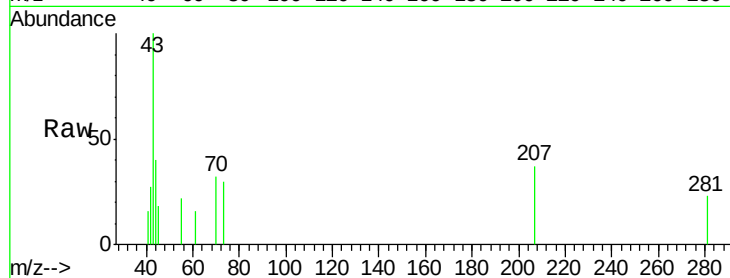




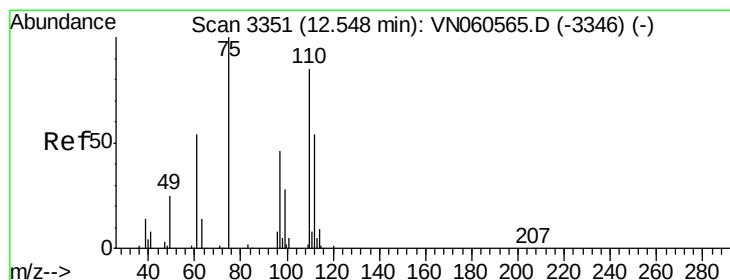
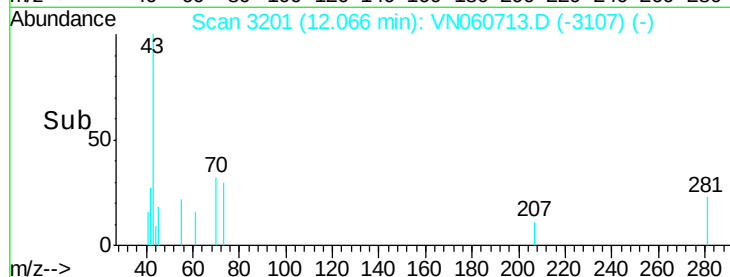
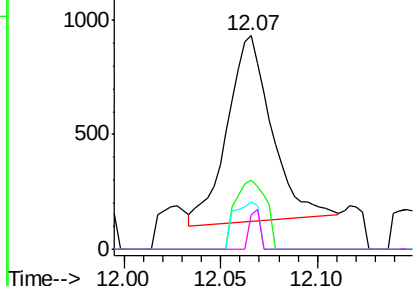
#74
N-ethyl acetate
Concen: 0.296 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
EB-20200316

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
70 25.7 31.1 46.7#
55 13.9 18.6 27.8#
61 4.8 18.9 28.3#

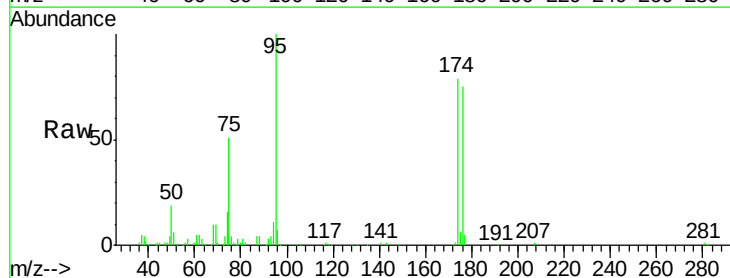


Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 70.00 (69.70 to 70.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 61.00 (60.70 to 61.70): VNC

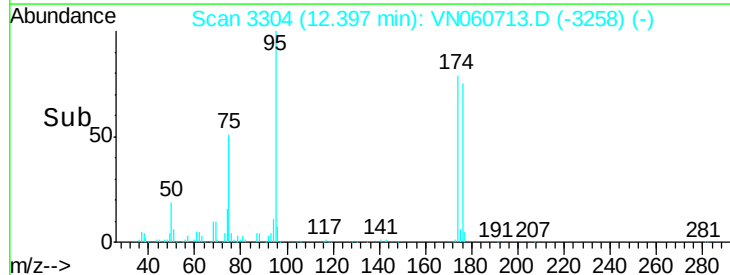
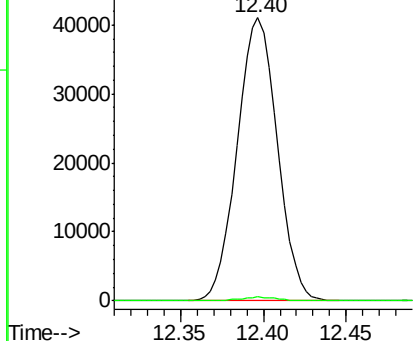


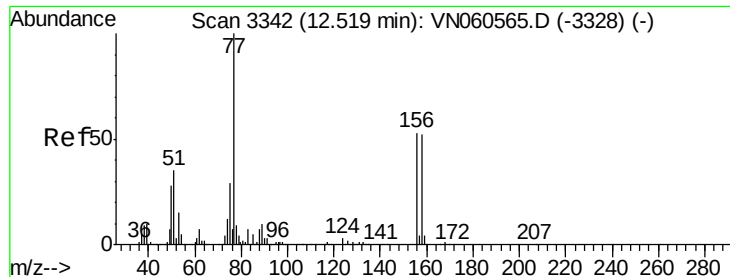
#76
1,2,3-Trichloropropane
Concen: 25.565 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Tgt Ion: 75 Resp: 69004
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.297 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

EB-20200316

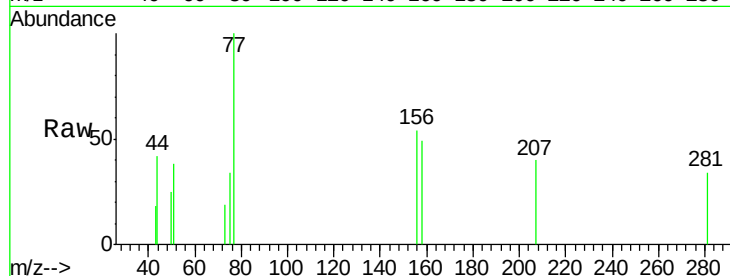
Tgt Ion:156 Resp: 671

Ion Ratio Lower Upper

156 100

77 225.2 112.3 337.0

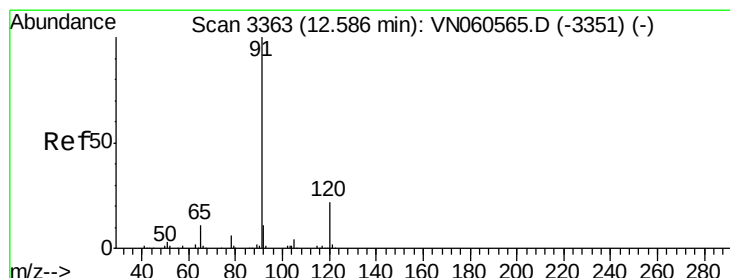
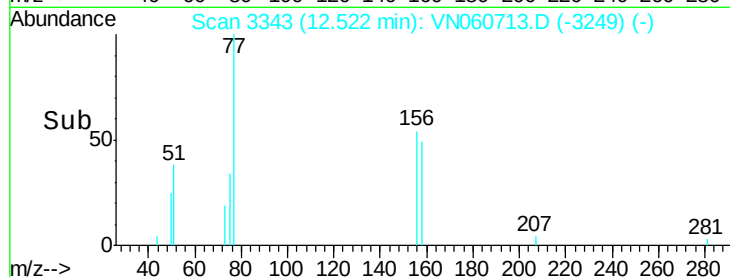
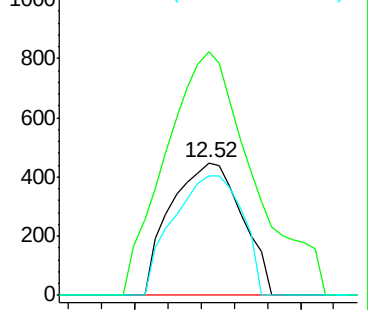
158 87.2 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.269 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060713.D

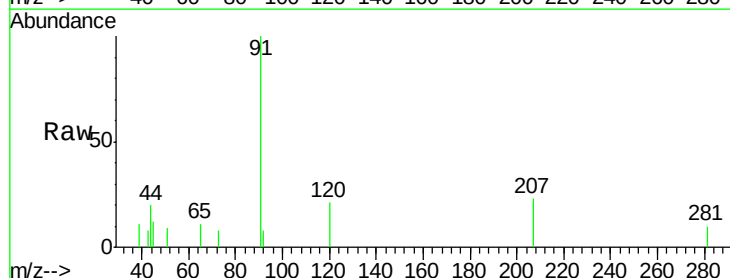
Acq: 26 Mar 2020 14:41

Tgt Ion: 91 Resp: 2981

Ion Ratio Lower Upper

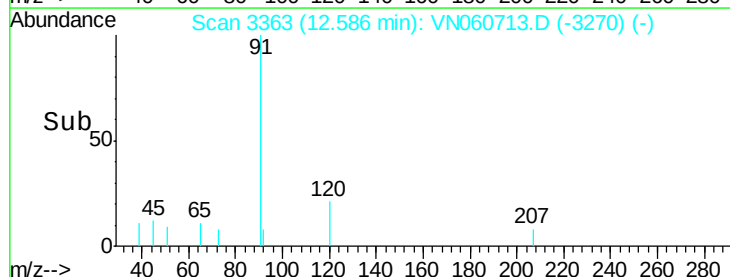
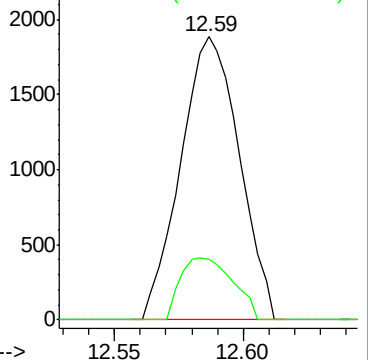
91 100

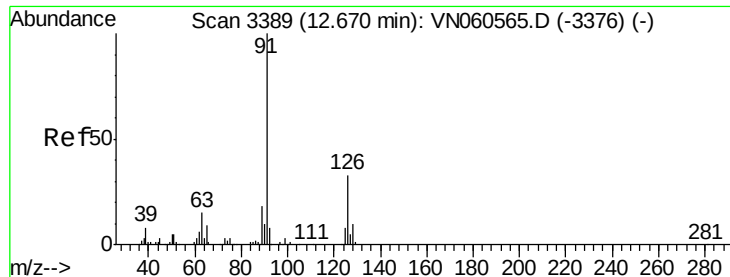
120 19.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.202 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

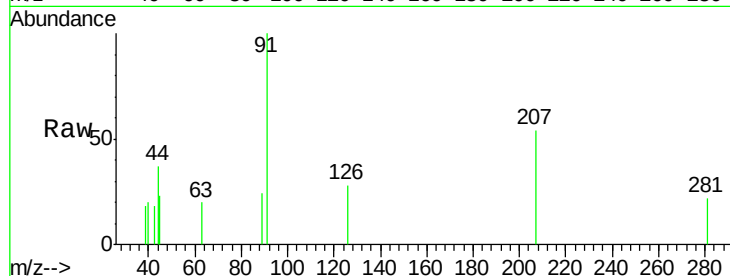
EB-20200316

Tgt Ion: 91 Resp: 1338

Ion Ratio Lower Upper

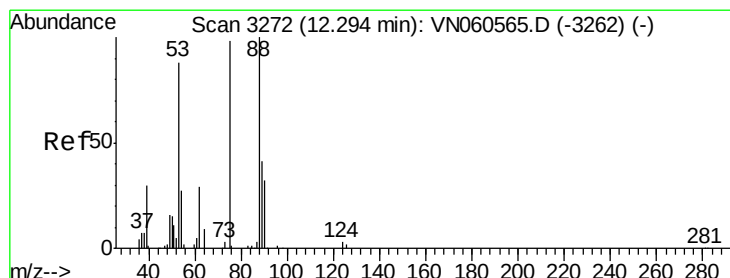
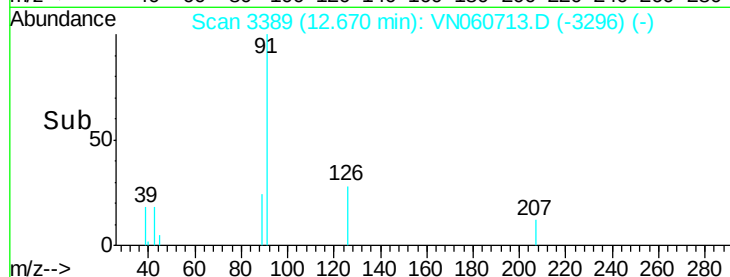
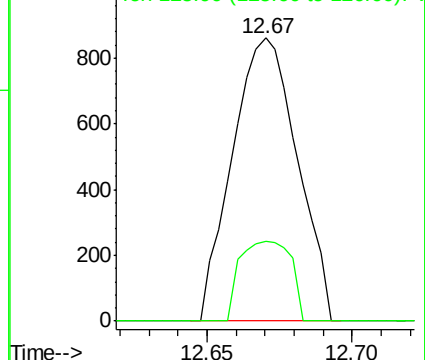
91 100

126 22.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.657 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

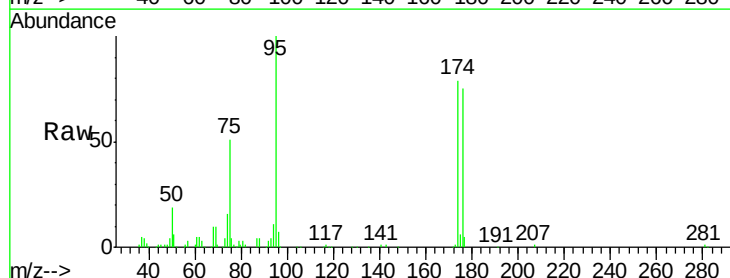
Tgt Ion: 75 Resp: 69004

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

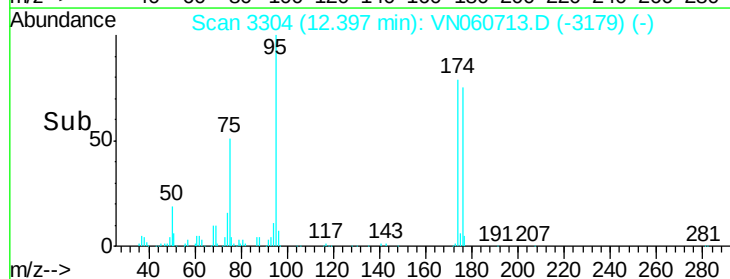
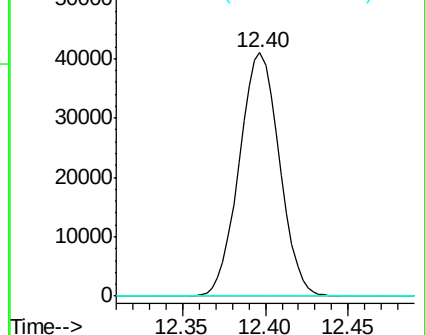
89 0.0 34.8 52.2#

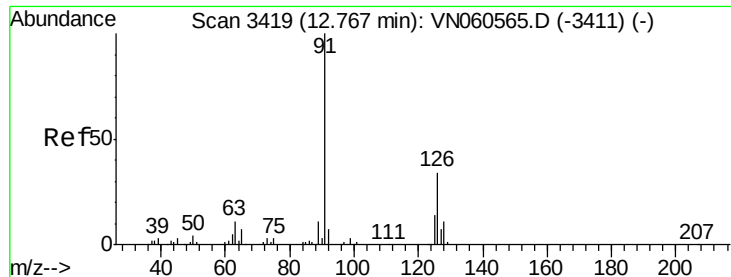


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 0.371 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

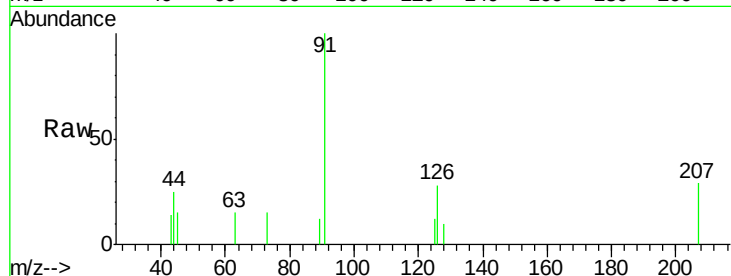
EB-20200316

Tgt Ion: 91 Resp: 2507

Ion Ratio Lower Upper

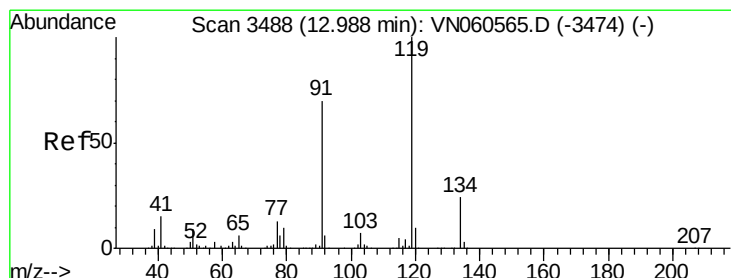
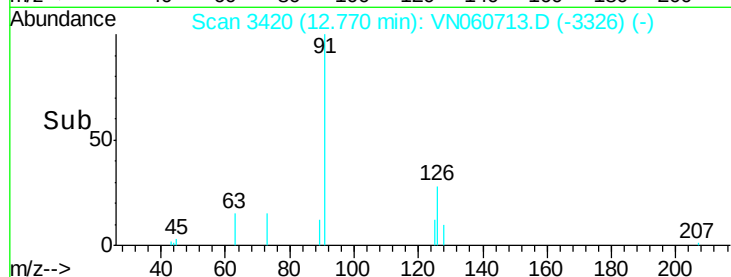
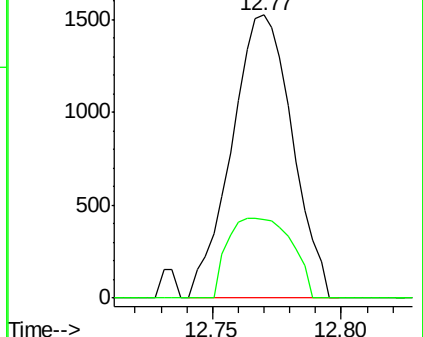
91 100

126 29.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN060713.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN060713.D (-3326) (-)



#83

tert-Butylbenzene

Concen: 0.233 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

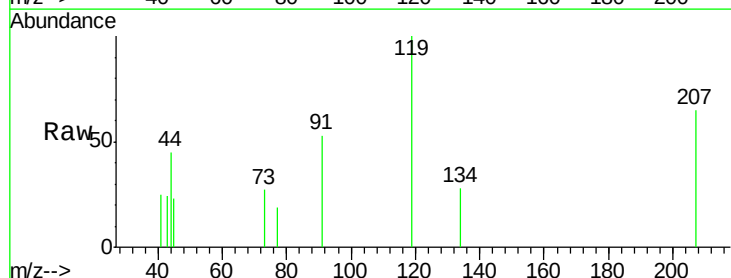
Tgt Ion: 119 Resp: 1537

Ion Ratio Lower Upper

119 100

91 50.2 34.0 101.8

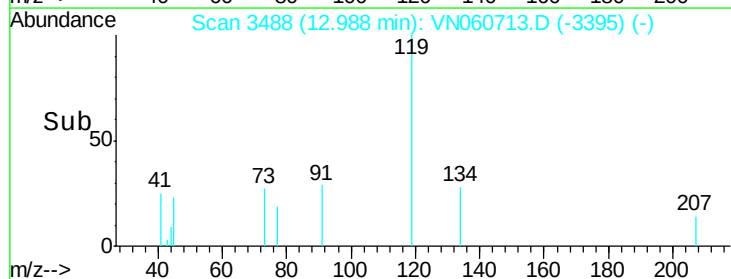
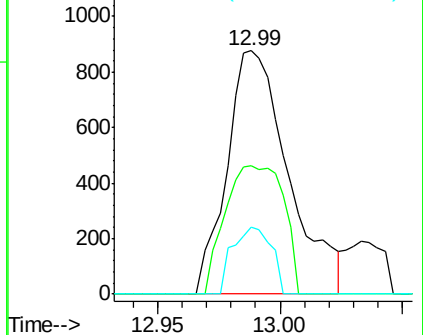
134 17.2 12.7 38.0

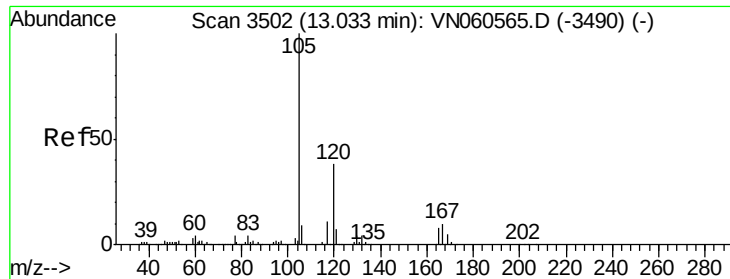


Abundance Ion 119.00 (118.70 to 119.70): VN060713.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN060713.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN060713.D (-3395) (-)

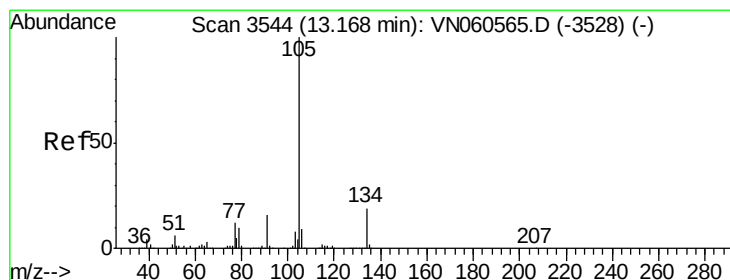
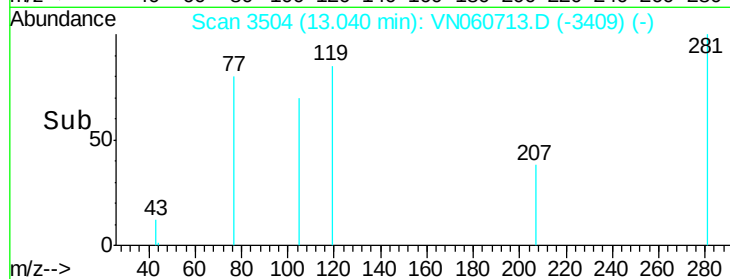
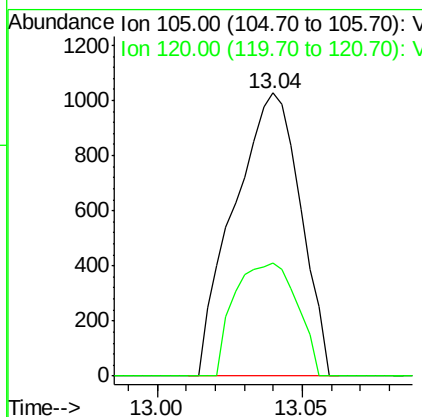
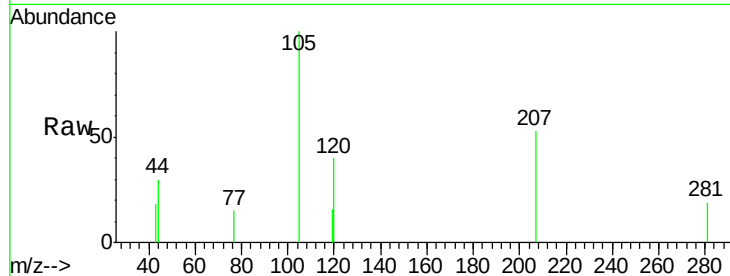




#84
 1,2,4-Trimethylbenzene
 Concen: 0.207 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.01 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

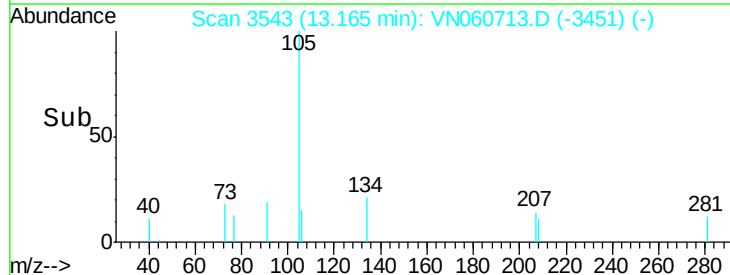
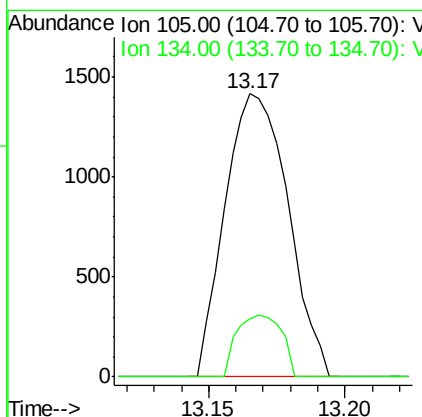
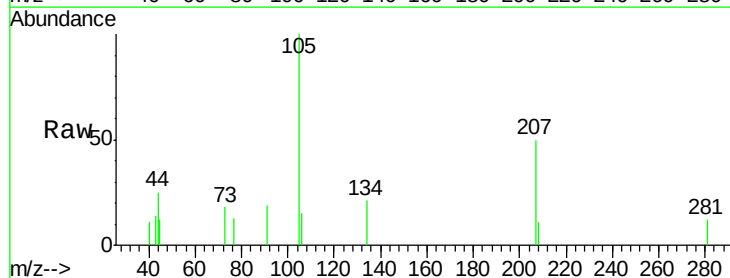
Instrument :
 MSVOA_N
 ClientSampled :
 EB-20200316

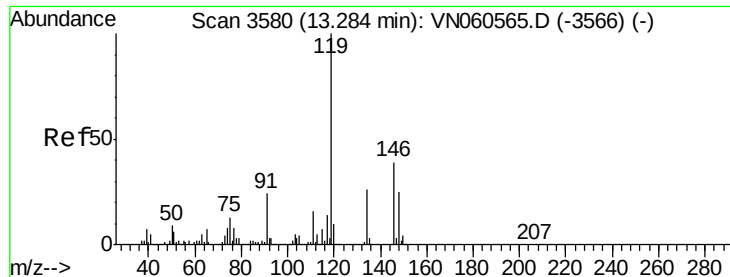
Tgt Ion:105 Resp: 1633
 Ion Ratio Lower Upper
 105 100
 120 37.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 0.256 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion:105 Resp: 2271
 Ion Ratio Lower Upper
 105 100
 134 15.6 9.6 28.8

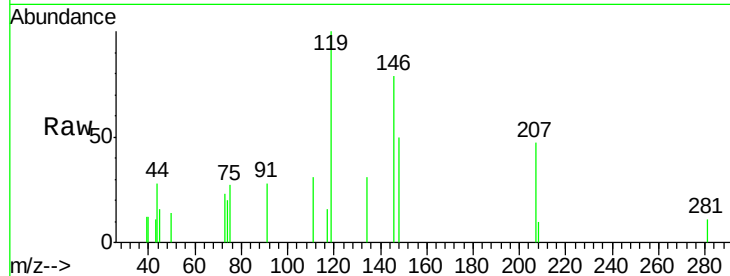




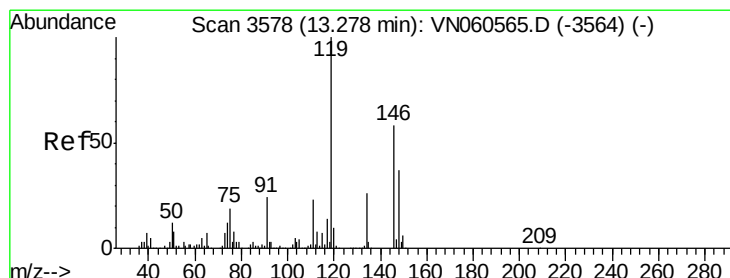
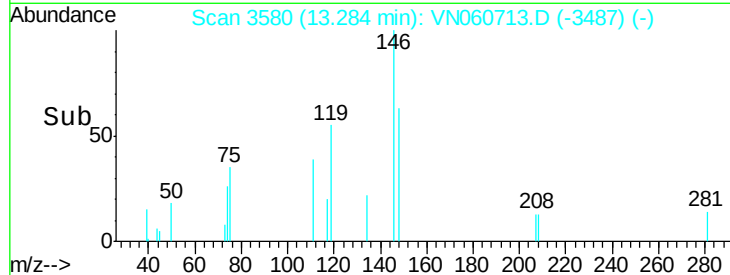
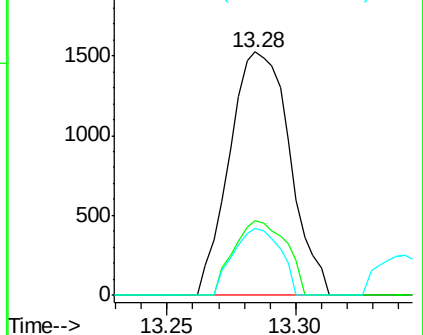
#86
 p-Isopropyltoluene
 Concen: 0.310 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

Tgt Ion:119 Resp: 2479
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 21.4 12.0 36.0

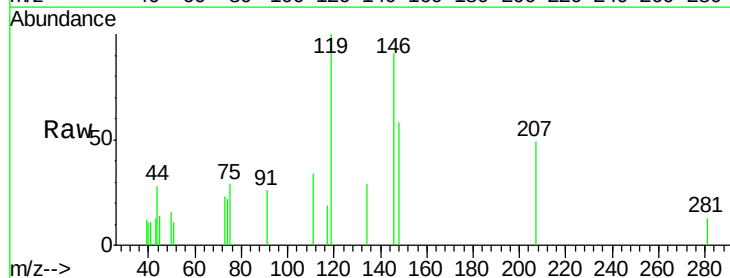


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

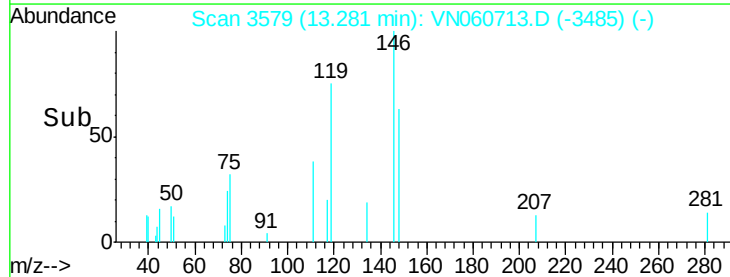
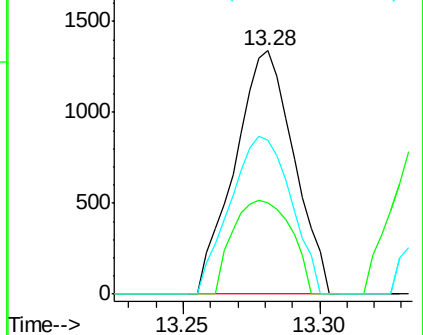


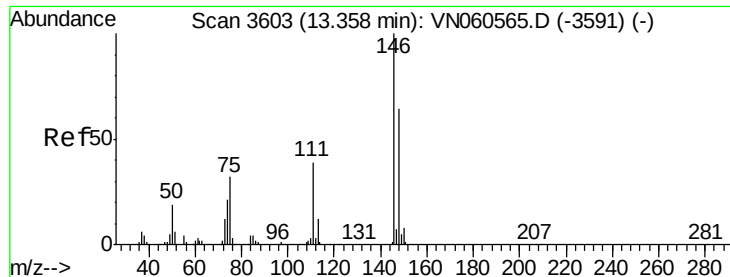
#87
 1,3-Dichlorobenzene
 Concen: 0.504 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion:146 Resp: 2009
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.3 60.8
 148 66.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

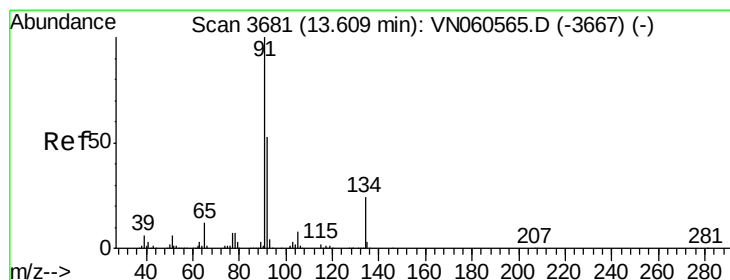
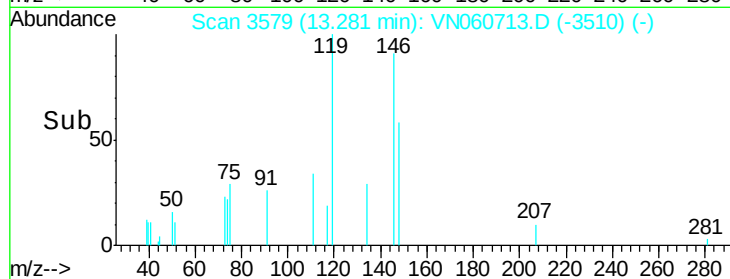
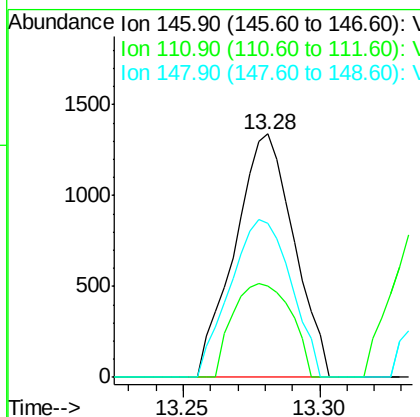
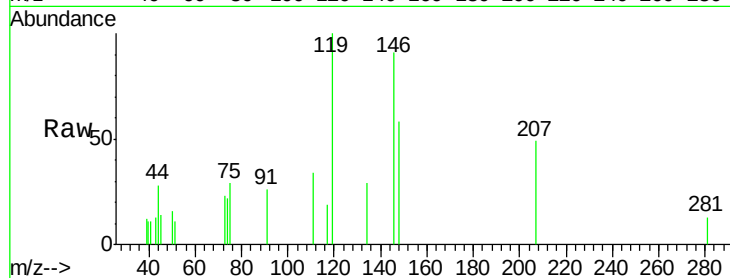




#88
 1,4-Dichlorobenzene
 Concen: 0.501 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

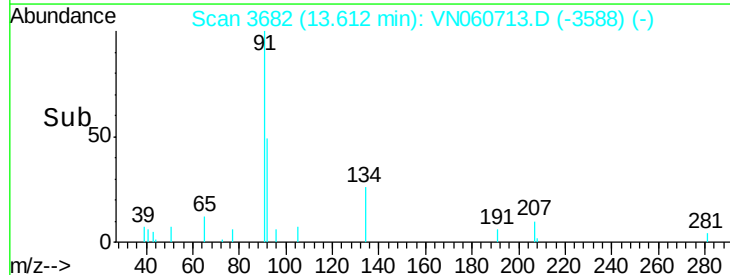
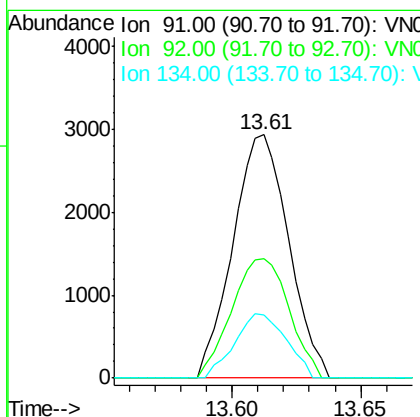
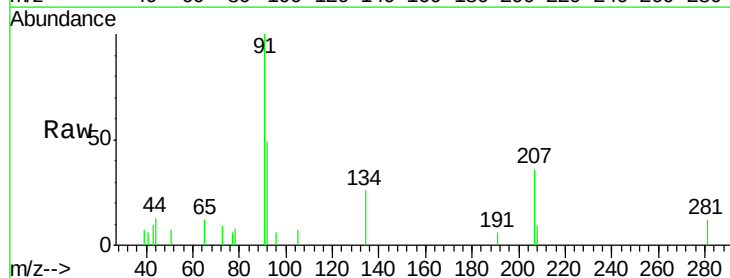
Instrument :
 MSVOA_N
 ClientSampled :
 EB-20200316

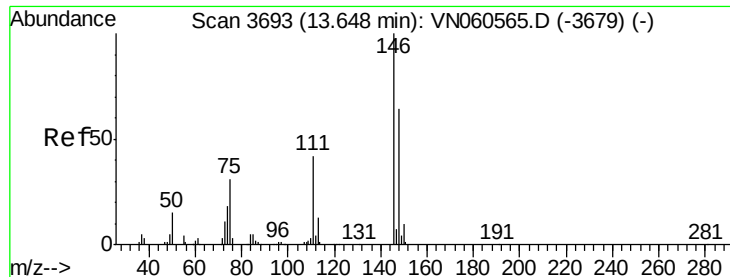
Tgt Ion:146 Resp: 2009
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.7
 148 66.8 32.1 96.3



#89
 n-Butylbenzene
 Concen: 0.612 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion: 91 Resp: 4410
 Ion Ratio Lower Upper
 91 100
 92 50.5 26.2 78.5
 134 24.4 12.3 36.9





#91

1,2-Dichlorobenzene

Concen: 0.446 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

EB-20200316

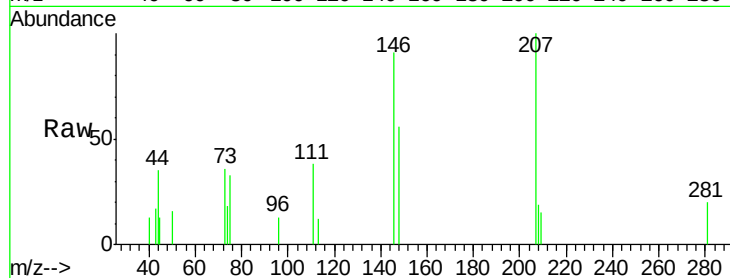
Tgt Ion:146 Resp: 1702

Ion Ratio Lower Upper

146 100

111 37.7 21.0 63.0

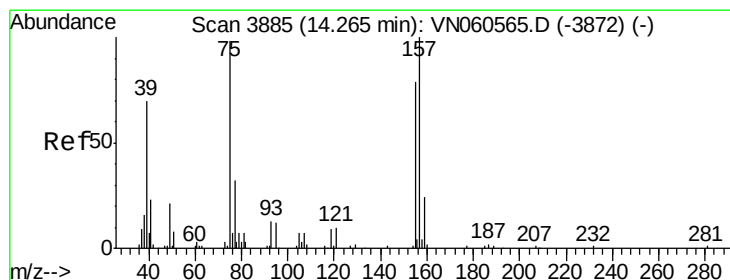
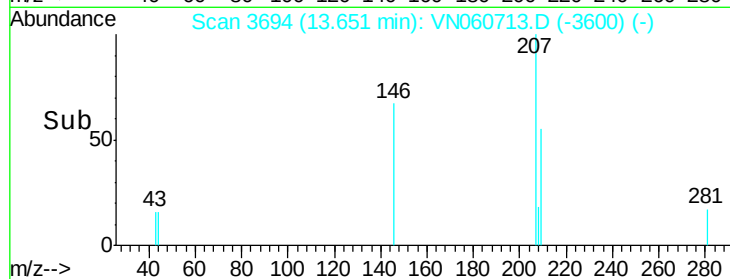
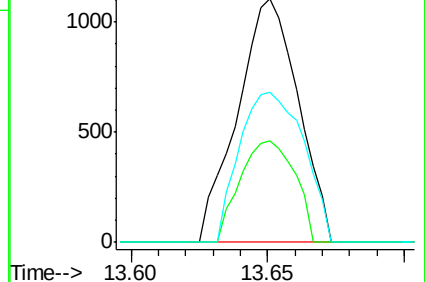
148 65.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.503 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

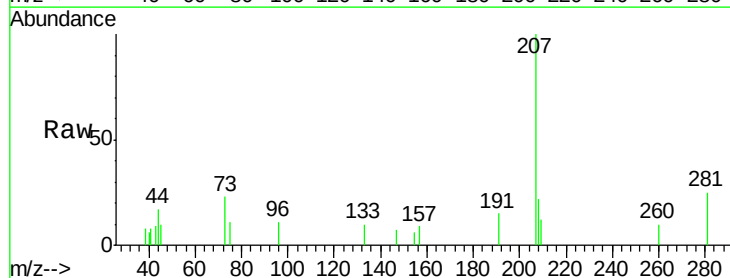
Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

75 100

155 13.6 40.7 122.1#

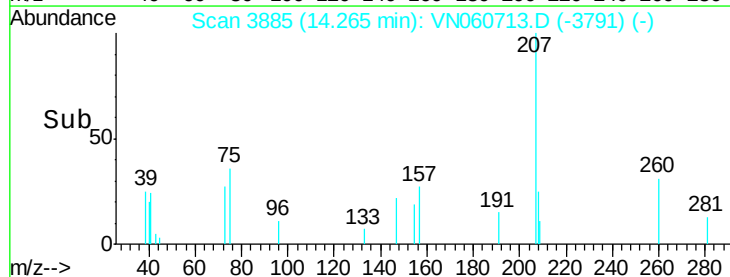
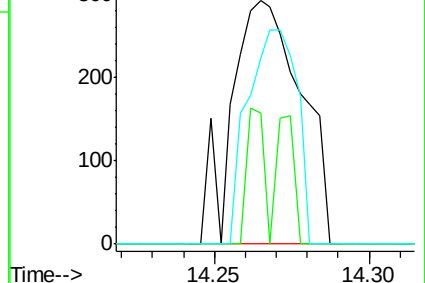
157 62.4 51.5 154.7

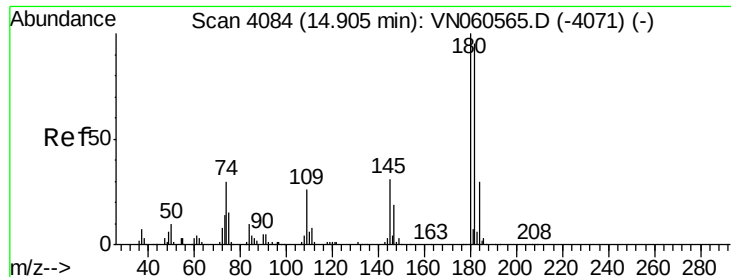


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

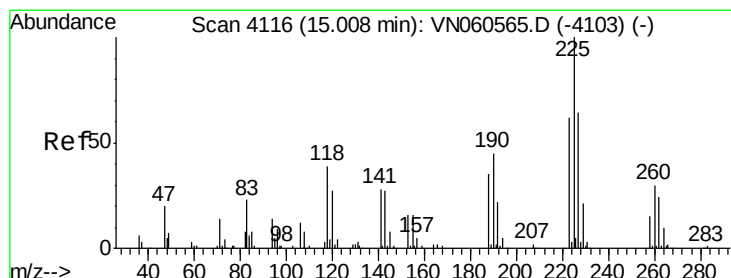
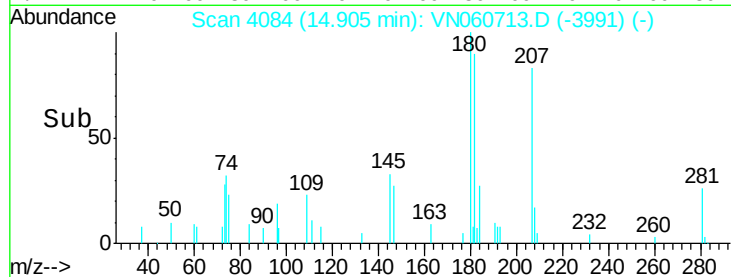
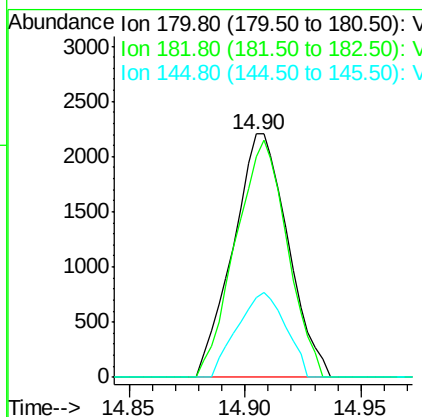
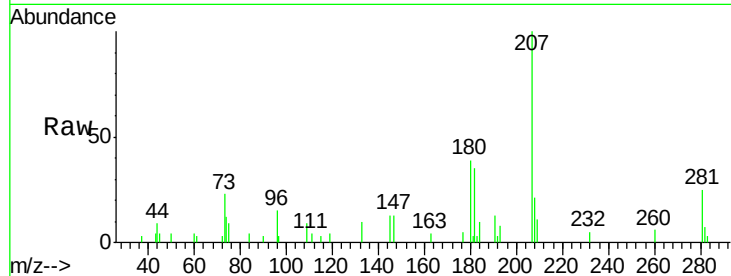




#93
 1,2,4-Trichlorobenzene
 Concen: 1.548 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

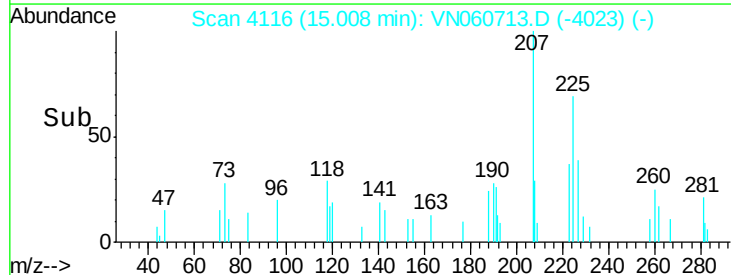
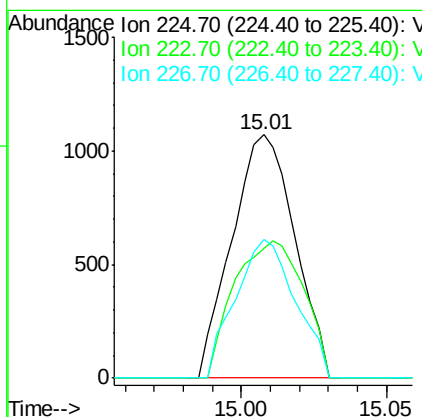
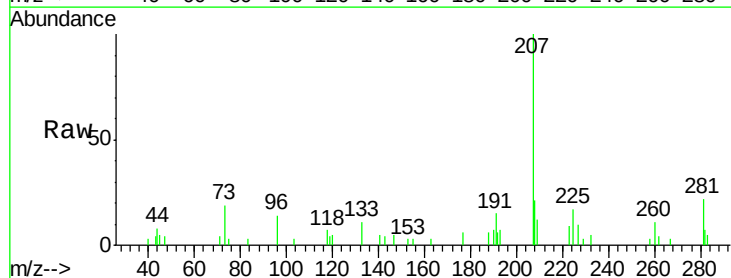
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

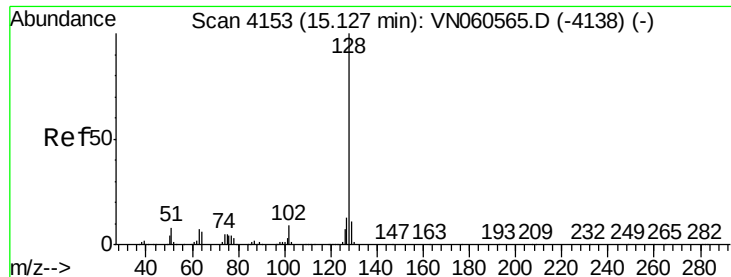
Tgt Ion:180 Resp: 3627
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.9 143.8
 145 30.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 1.402 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion:225 Resp: 1610
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 54.7 32.3 96.8

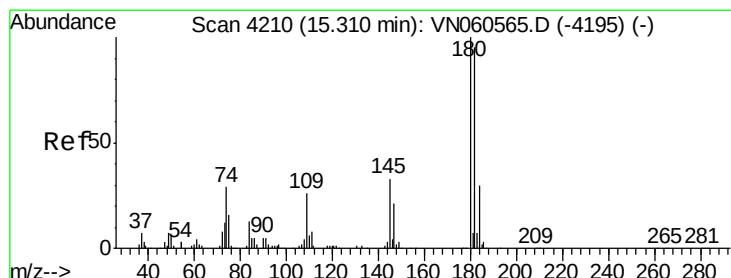
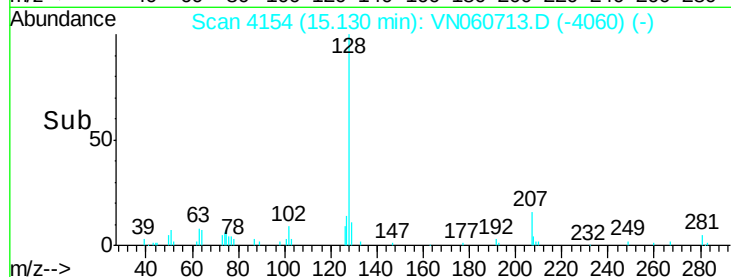
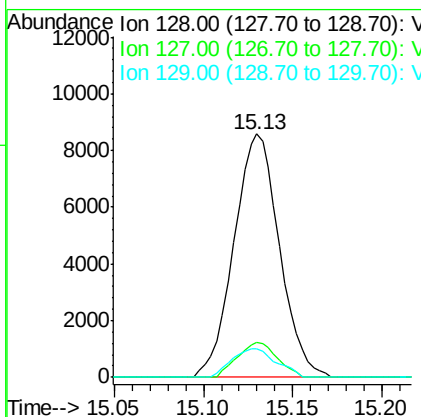
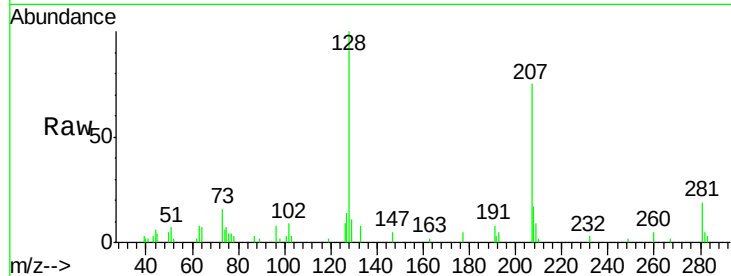




#95
Naphthalene
Concen: 2.165 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
EB-20200316

Tgt Ion:128 Resp: 15252
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.834 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Tgt Ion:180 Resp: 4233
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.6
145 29.8 16.3 48.8

