

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060954.D
 Acq On : 15 Apr 2020 12:28
 Operator : JC/MD
 Sample : PB128175TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:32:29 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	130625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	221564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	207040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	91023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	85976	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.56	113	65658	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.08	98	273549	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	100606	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	

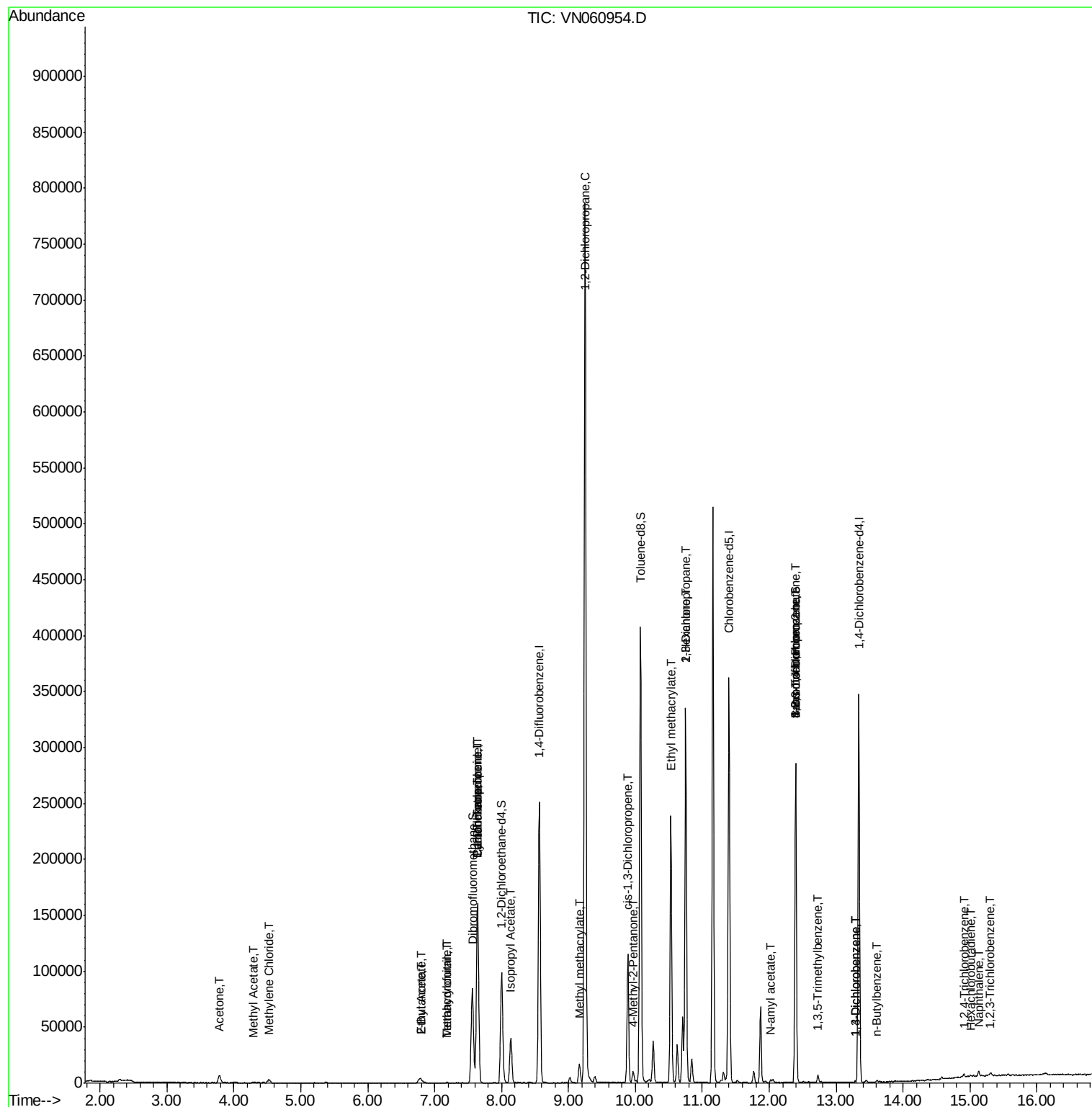
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	11668	18.370	ug/l	97
18) Methyl Acetate	4.30	43	1424	0.796	ug/l #	54
20) Methylene Chloride	4.53	84	2112	1.352	ug/l	91
25) 2-Butanone	6.80	43	4449	4.329	ug/l #	85
29) Tetrahydrofuran	7.18	42	571	0.785	ug/l #	35
31) Cyclohexane	7.63	56	2846	0.985	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	10653	4.965	ug/l #	48
37) Ethyl Acetate	6.80	43	4449	1.919	ug/l #	70
38) Carbon Tetrachloride	7.64	117	12872	6.694	ug/l #	16
41) Methacrylonitrile	7.18	41	236	0.239	ug/l #	100
43) Isopropyl Acetate	8.14	43	49667	12.991	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	926	0.542	ug/l #	43
48) Methyl methacrylate	9.16	41	2576	1.513	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	7216	3.317	ug/l	98
54) cis-1,3-Dichloropropene	9.89	75	20362	7.526	ug/l #	60
56) Ethyl methacrylate	10.53	69	517	0.220	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	3287	1.259	ug/l #	42
59) 2-Hexanone	10.75	43	50160	32.007	ug/l #	53
71) Bromoform	12.39	173	431	2.018	ug/l #	1
74) N-amyl acetate	12.02	43	2120	0.672	ug/l #	45
76) 1,2,3-Trichloropropane	12.39	75	51190	26.063	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4491	0.775	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.39	75	51190	66.937	ug/l #	13
87) 1,3-Dichlorobenzene	13.28	146	613	0.211	ug/l	84
88) 1,4-Dichlorobenzene	13.28	146	613	0.210	ug/l	85
89) n-Butylbenzene	13.61	91	1275	0.243	ug/l #	91
93) 1,2,4-Trichlorobenzene	14.91	180	1217	0.714	ug/l	83
94) Hexachlorobutadiene	15.01	225	484	0.579	ug/l	79
95) Naphthalene	15.13	128	4376	0.853	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1113	0.663	ug/l	82

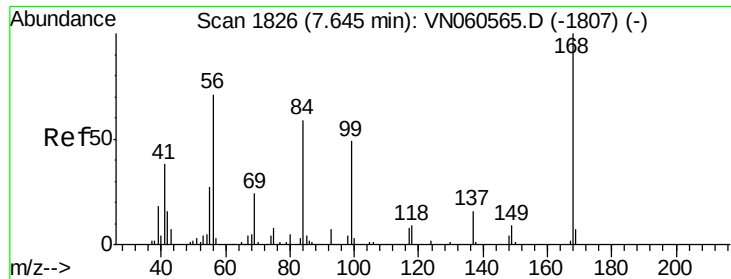
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060954.D

Acq: 15 Apr 2020 12:28

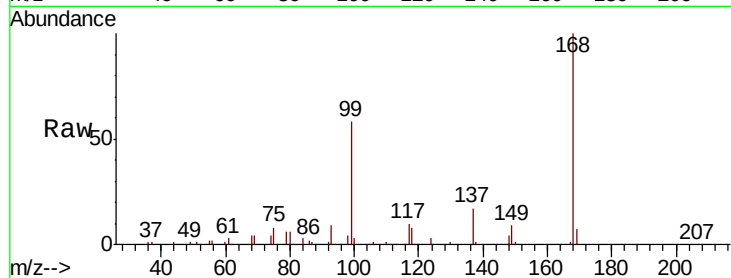
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 130625

Ion Ratio Lower Upper

168 100

99 58.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

60000

50000

40000

30000

20000

10000

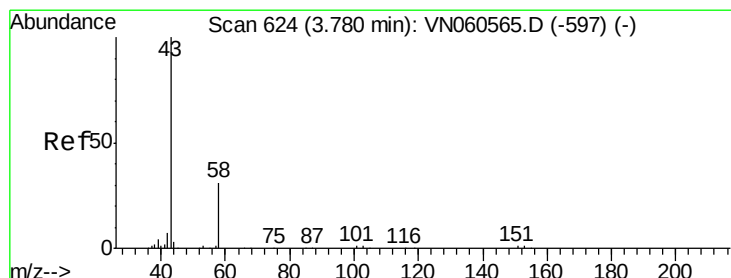
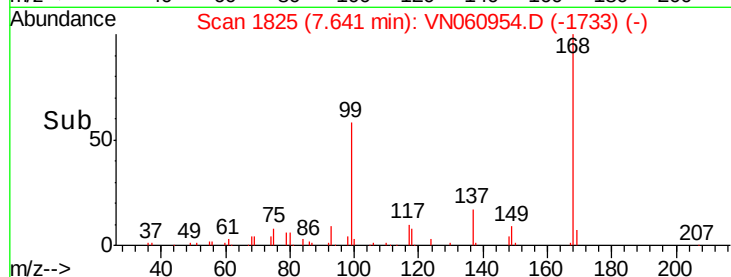
0

7.60

7.64

7.70

Time-->



#16

Acetone

Concen: 18.370 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060954.D

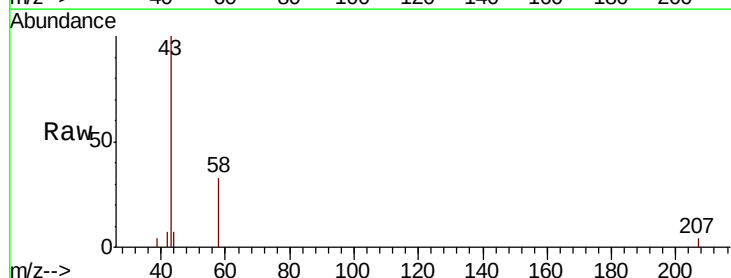
Acq: 15 Apr 2020 12:28

Tgt Ion: 43 Resp: 11668

Ion Ratio Lower Upper

43 100

58 32.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

5000

4000

3000

2000

1000

0

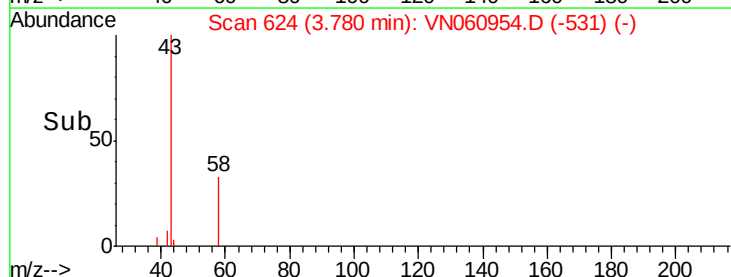
3.70

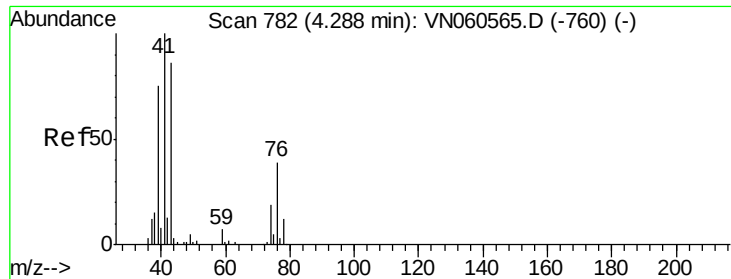
3.75

3.78

3.85

Time-->

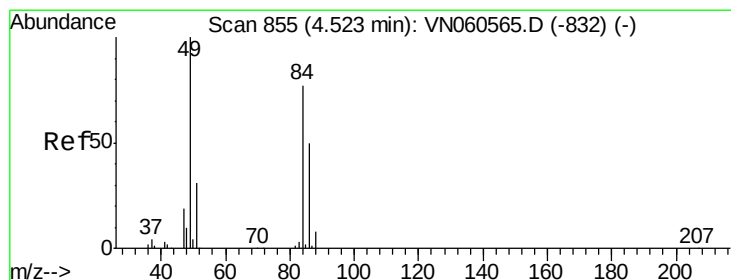
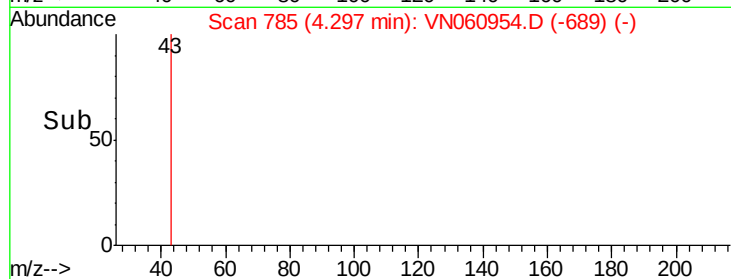
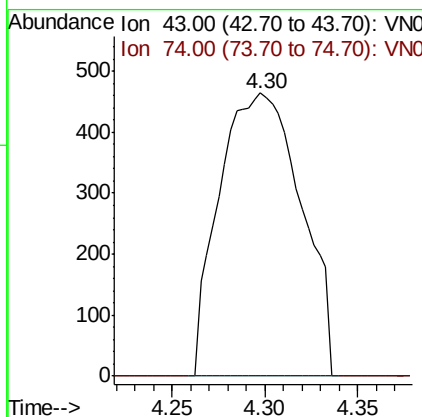
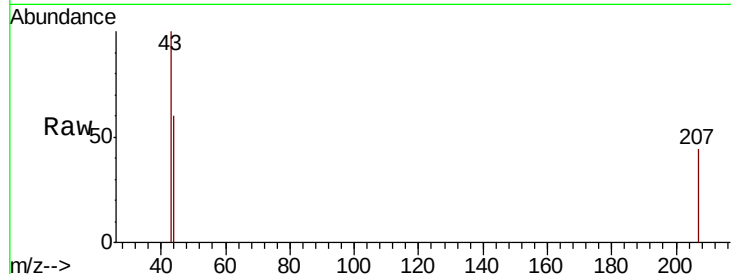




#18
Methyl Acetate
Concen: 0.796 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

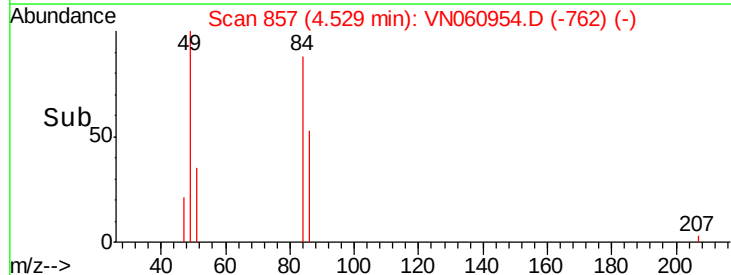
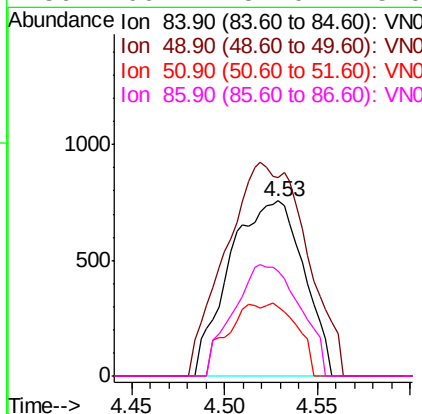
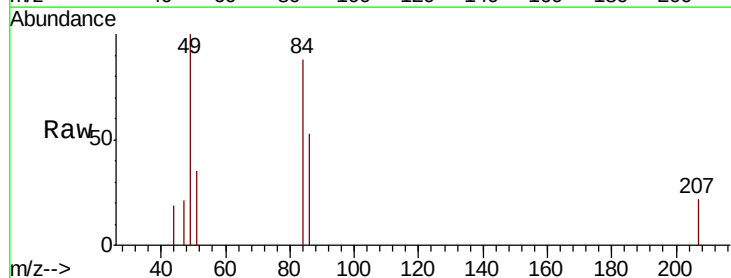
Instrument :
MSVOA_N
ClientSampled :

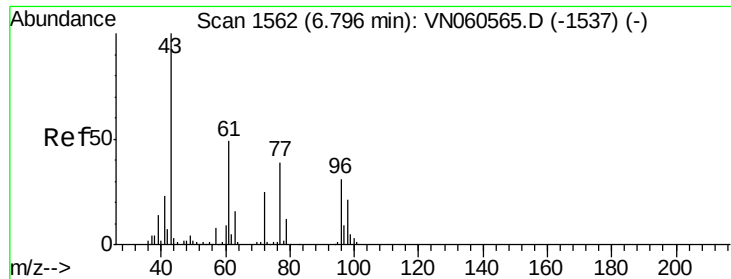
Tot Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 1.352 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion: 84 Resp: 2112
Ion Ratio Lower Upper
84 100
49 113.2 103.3 154.9
51 39.7 31.6 47.4
86 60.2 52.0 78.0





#25

2-Butanone

Concen: 4.329 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

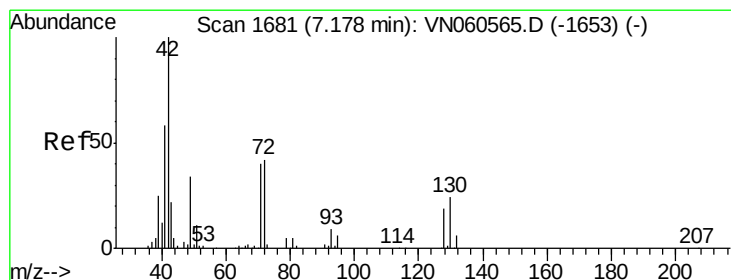
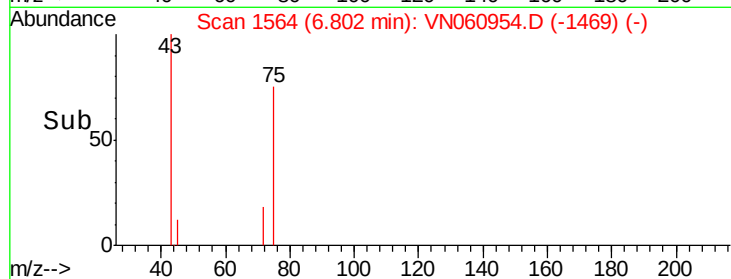
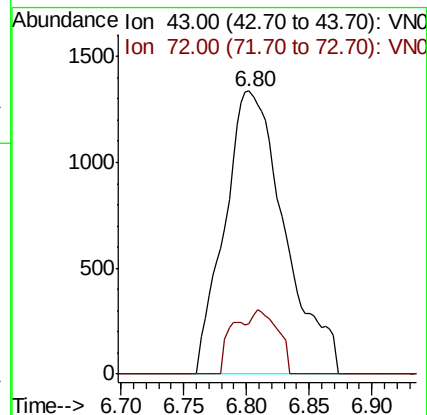
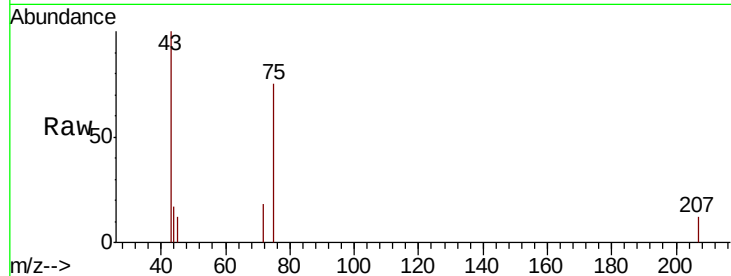
ClientSampled :

Tot Ion: 43 Resp: 4449

Ion Ratio Lower Upper

43 100

72 18.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.785 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

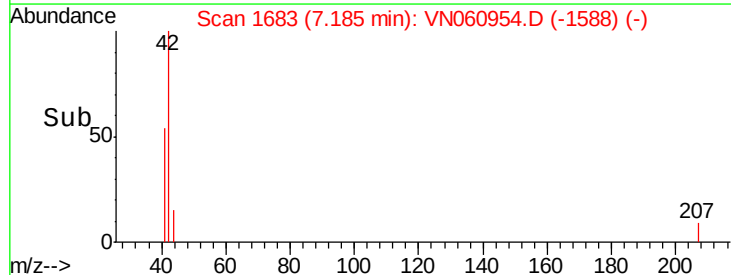
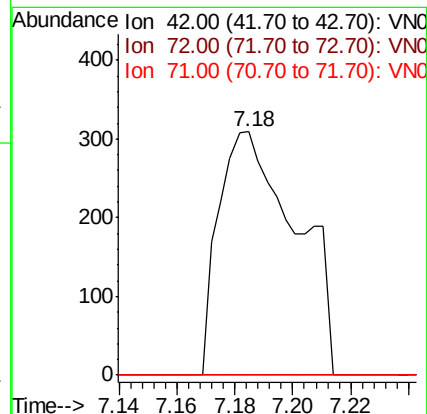
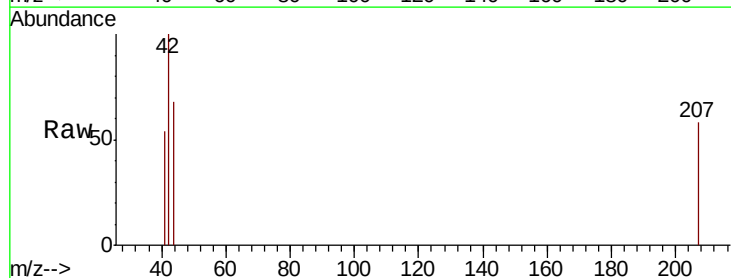
Tgt Ion: 42 Resp: 571

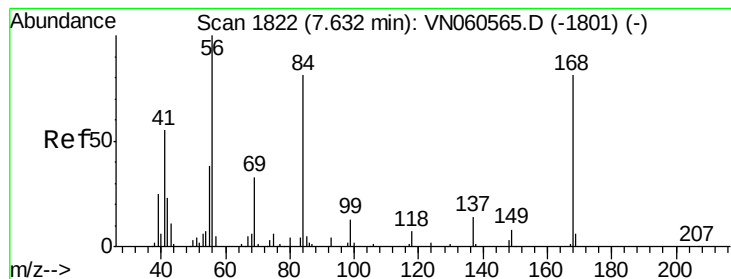
Ion Ratio Lower Upper

42 100

72 0.0 33.2 49.8#

71 0.0 31.1 46.7#





#31

Cyclohexane

Concen: 0.985 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

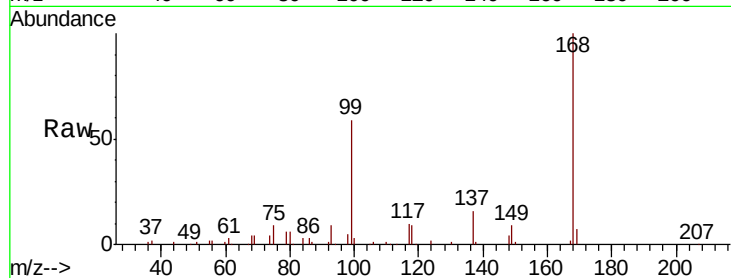
Tot Ion: 56 Resp: 2846

Ion Ratio Lower Upper

56 100

69 173.4 26.6 40.0#

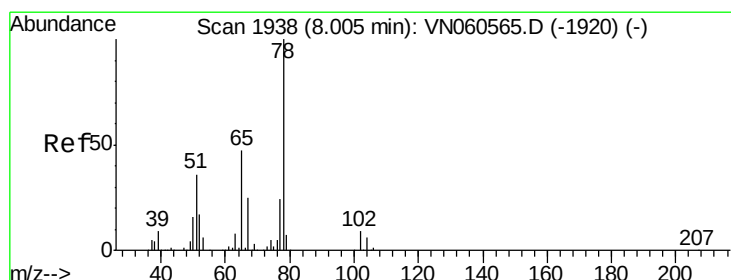
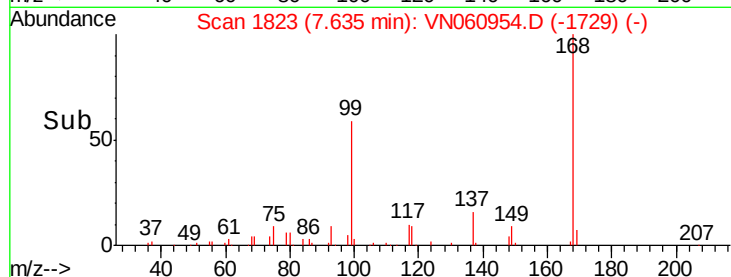
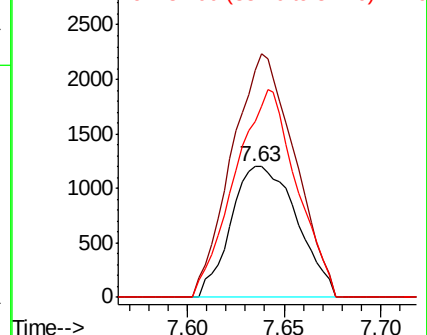
84 134.2 64.3 96.5#



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: 47.946 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060954.D

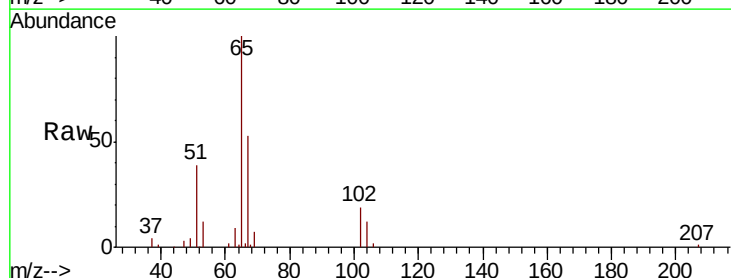
Acq: 15 Apr 2020 12:28

Tgt Ion: 65 Resp: 85976

Ion Ratio Lower Upper

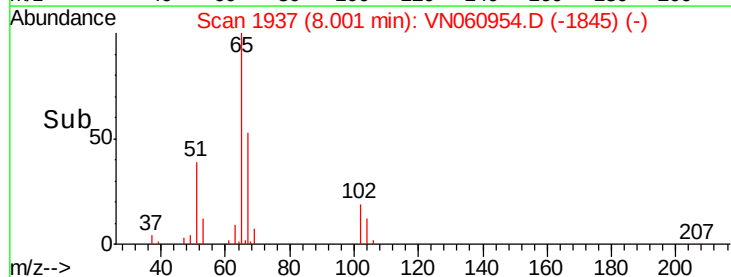
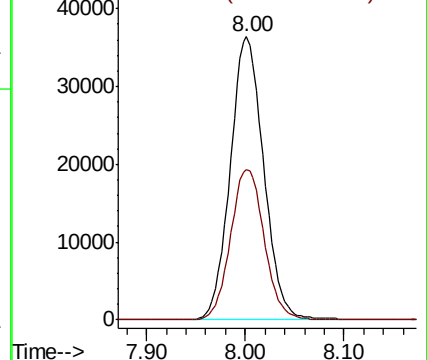
65 100

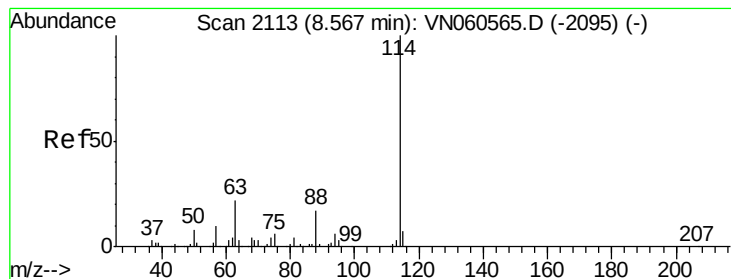
67 53.4 0.0 107.6



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

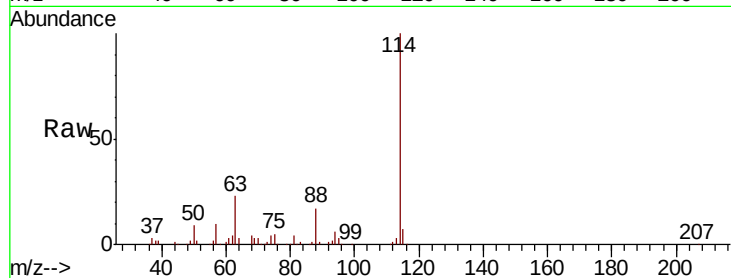
Tot Ion:114 Resp: 221564

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

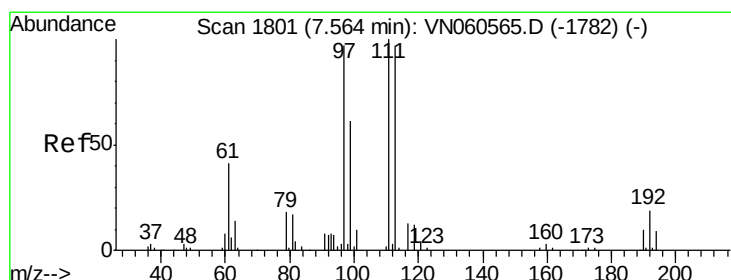
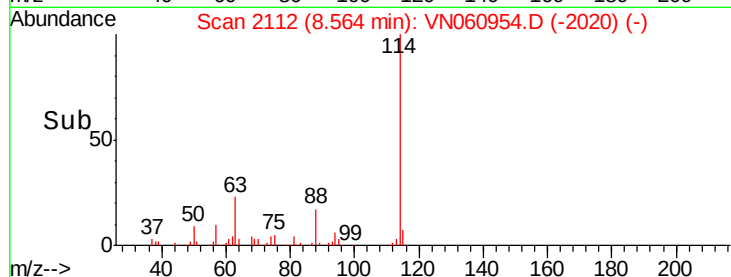
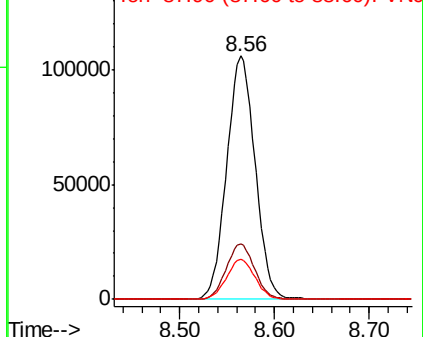
88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

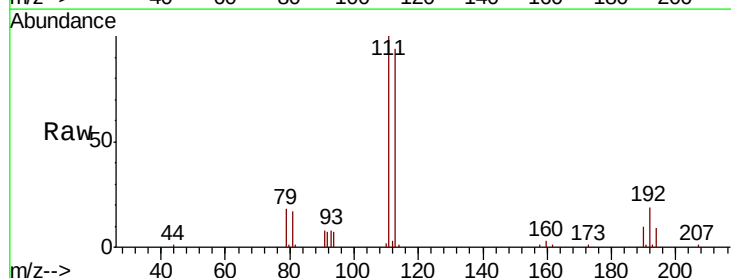
Tgt Ion:113 Resp: 65658

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

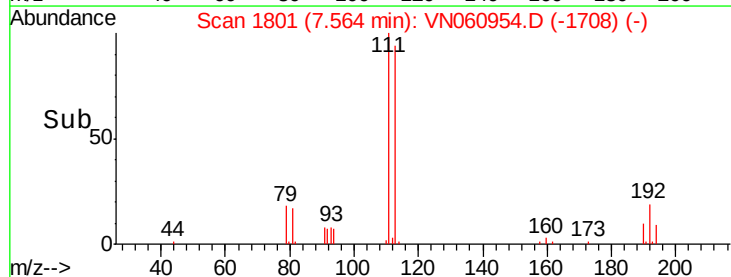
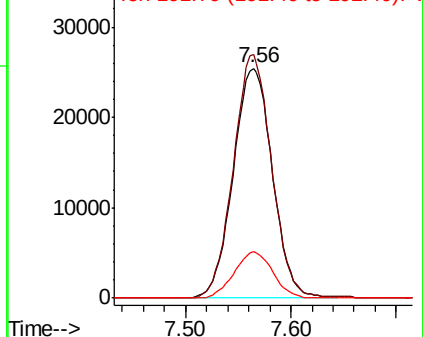
192 19.7 15.8 23.8

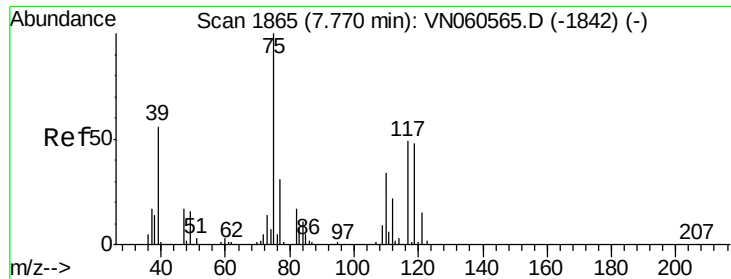


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

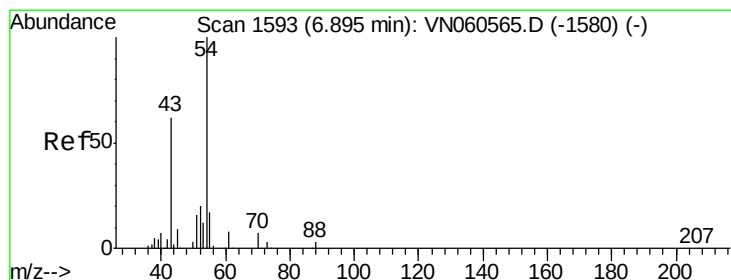
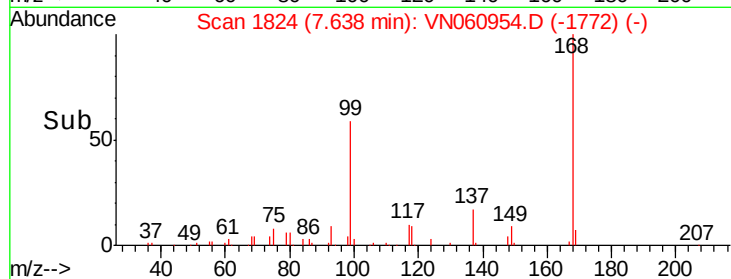
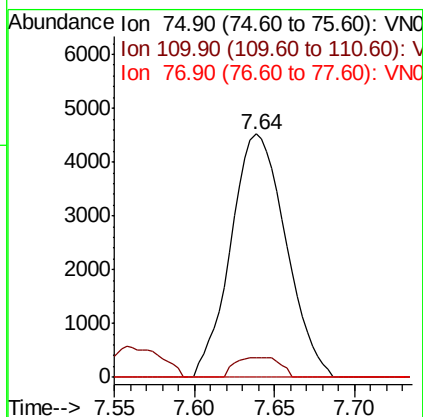
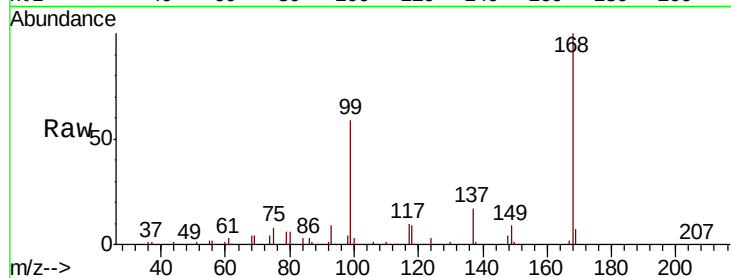




#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

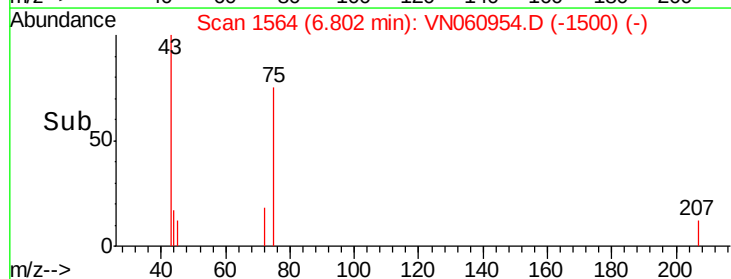
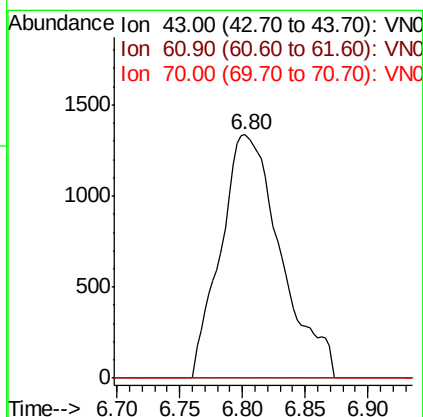
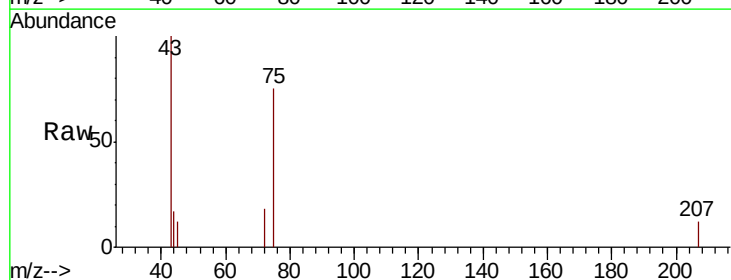
Instrument :
 MSVOA_N
 ClientSampled :

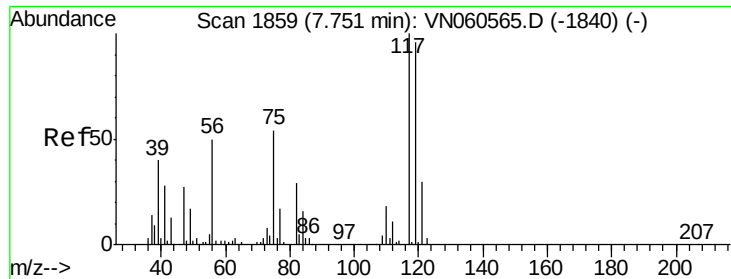
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.9	50.6#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 1.919 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.09 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.9	11.9#





#38

Carbon Tetrachloride

Concen: 6.694 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

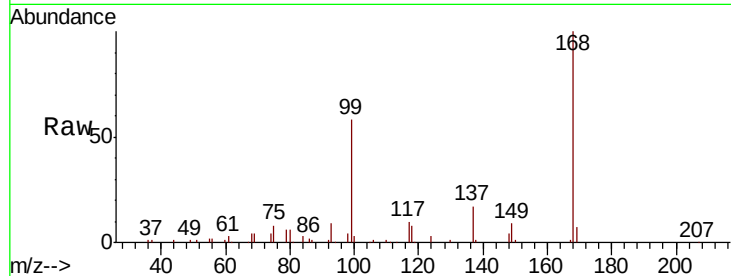
Tot Ion:117 Resp: 12872

Ion Ratio Lower Upper

117 100

119 4.4 76.2 114.2#

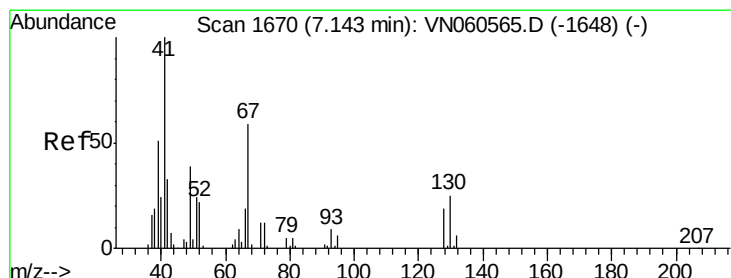
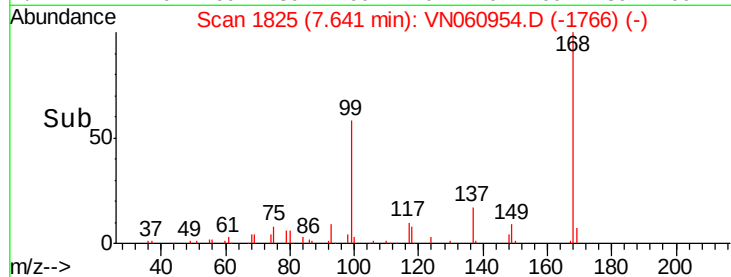
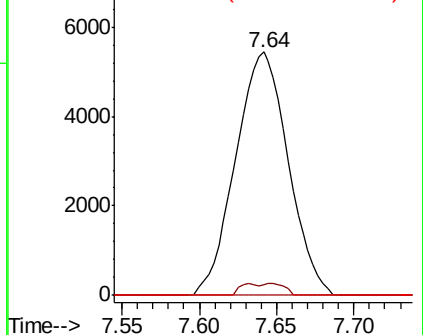
121 0.0 23.7 35.5#



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: 0.239 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.04 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Tgt Ion: 41 Resp: 236

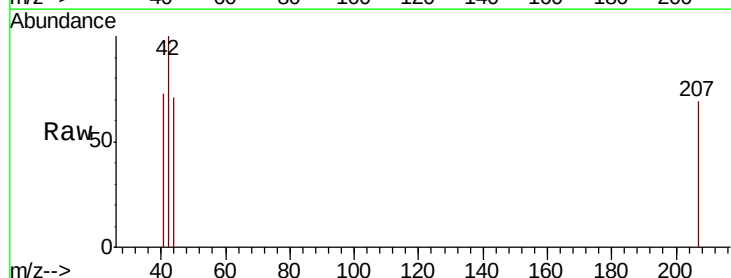
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

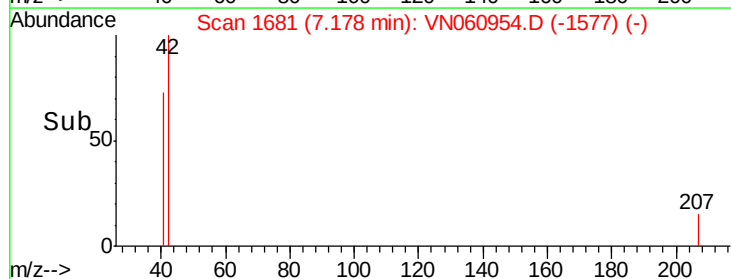
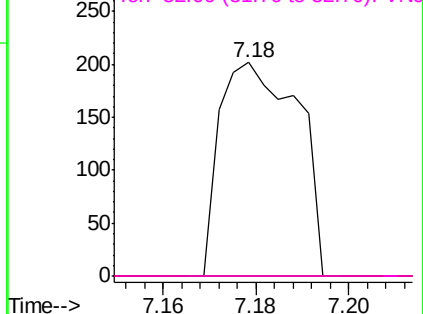


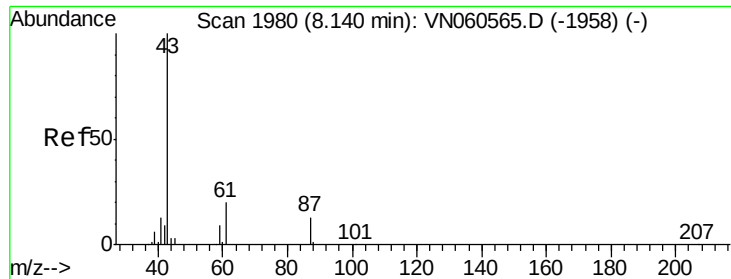
Abundance Ion 41.00 (40.70 to 41.70): V

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





#43

Isopropyl Acetate

Concen: 12.991 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

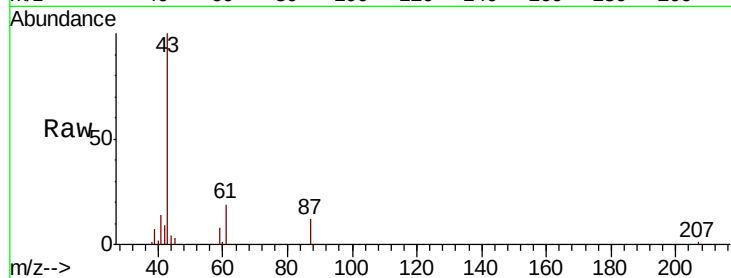
Tot Ion: 43 Resp: 49667

Ion Ratio Lower Upper

43 100

61 18.8 20.7 31.1#

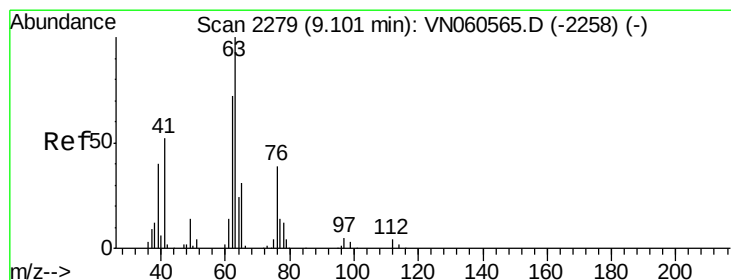
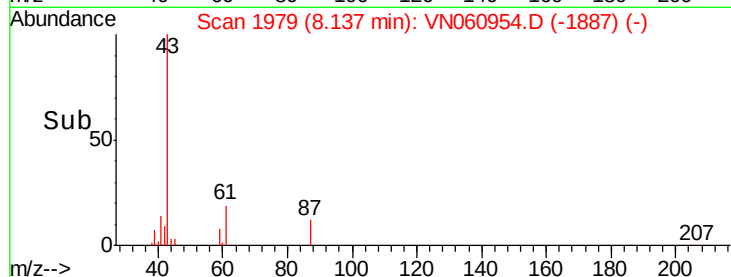
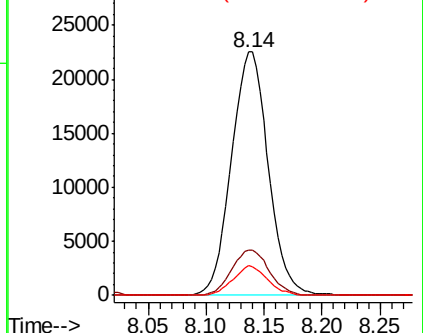
87 11.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#45

1,2-Dichloropropane

Concen: 0.542 ug/l

RT: 9.25 min Scan# 2324

Delta R.T. 0.14 min

Lab File: VN060954.D

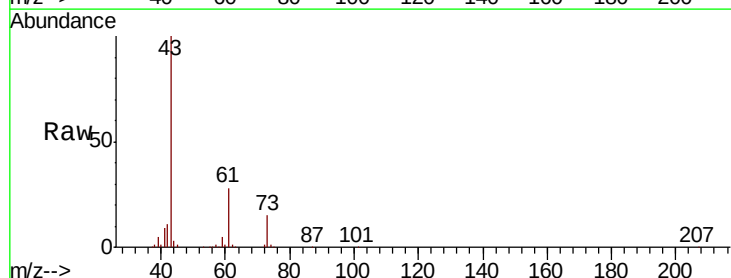
Acq: 15 Apr 2020 12:28

Tgt Ion: 63 Resp: 926

Ion Ratio Lower Upper

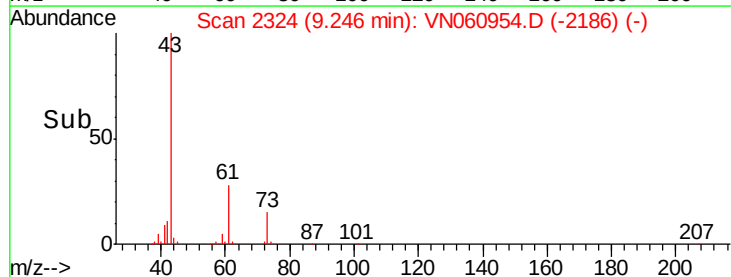
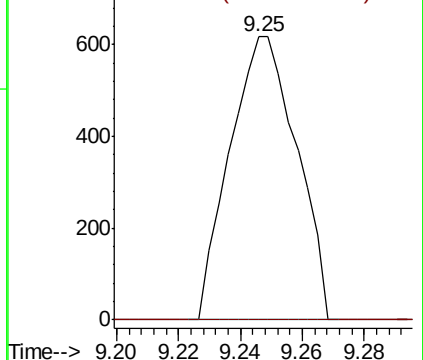
63 100

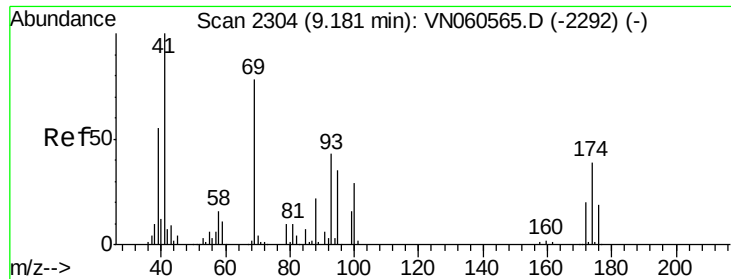
65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060565.D (-2258) (-)

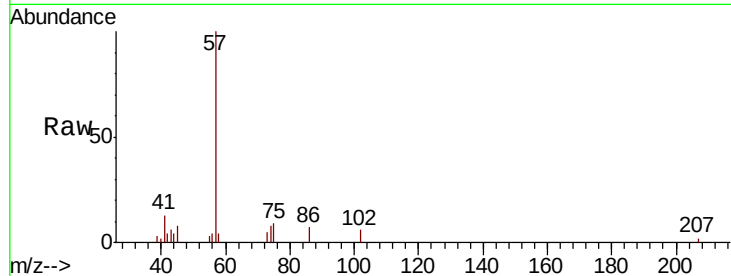




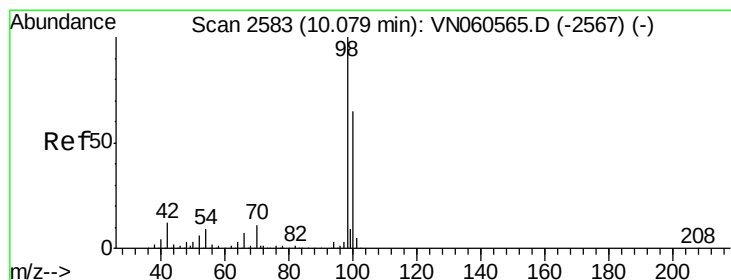
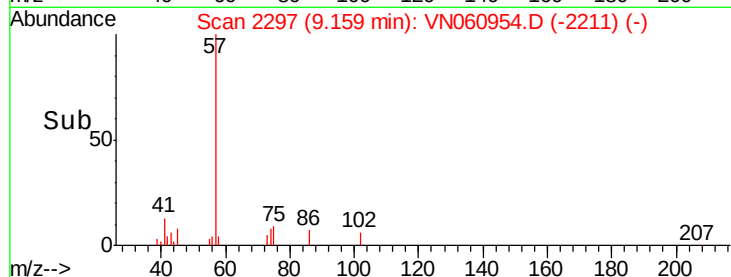
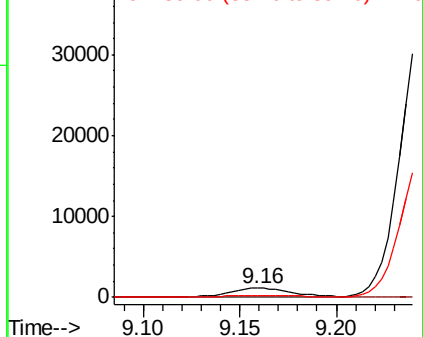
#48
Methvl methacrylate
Concen: 1.513 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 2576
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.0#
39 0.0 44.0 66.0#

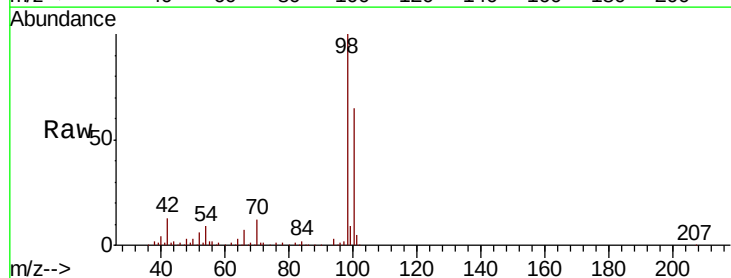


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

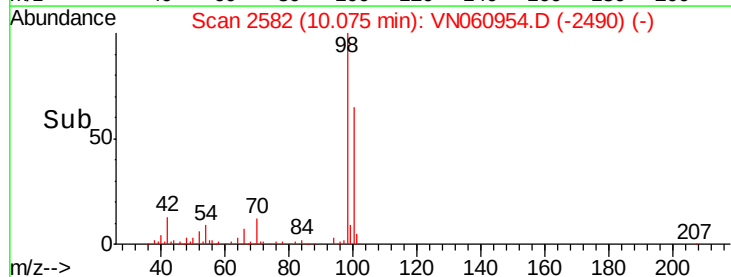
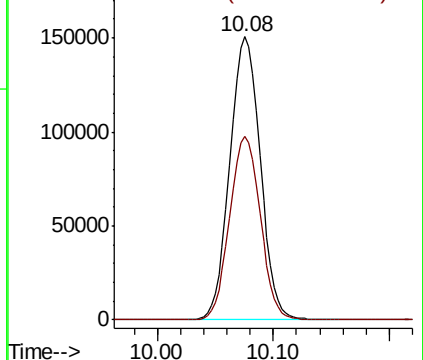


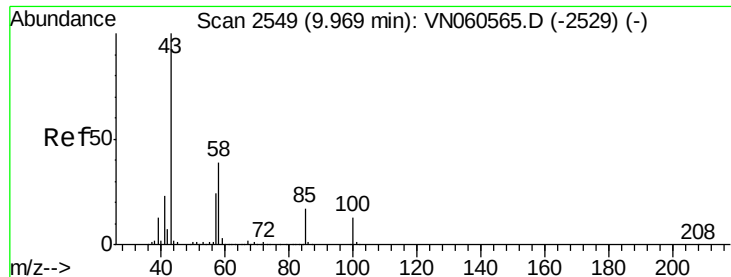
#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion: 98 Resp: 273549
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



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

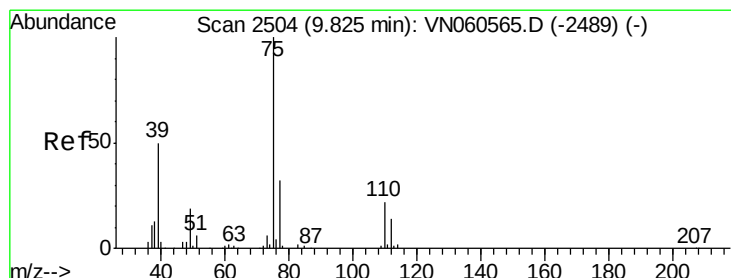
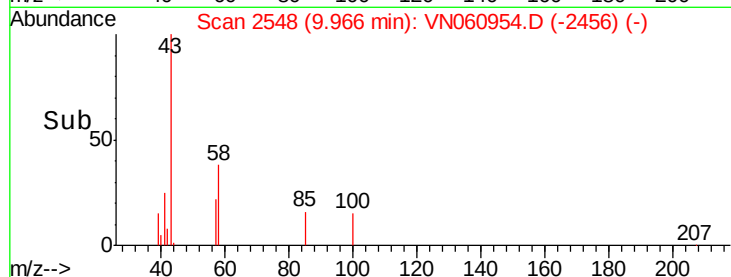
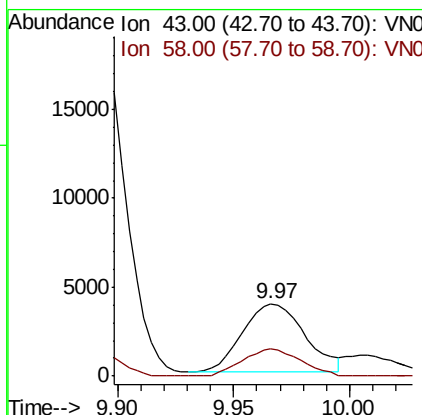
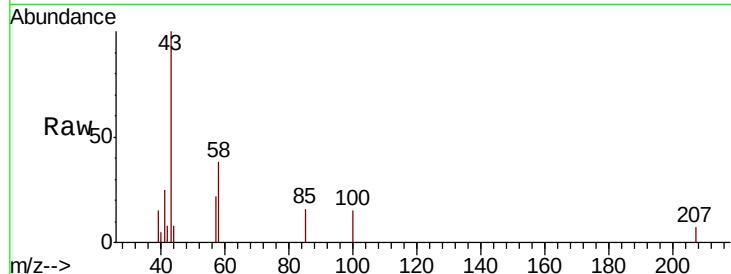




#51
 4-Methyl-2-Pentanone
 Concen: 3.317 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

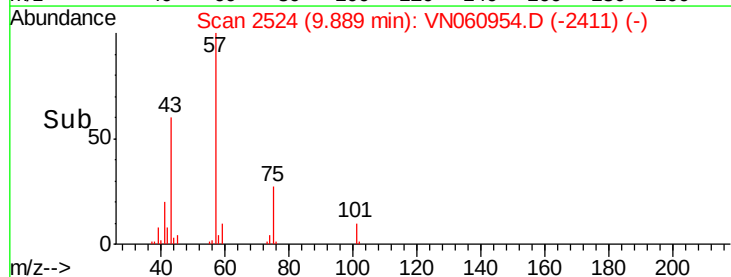
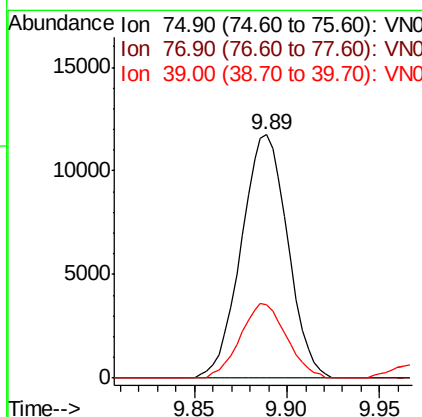
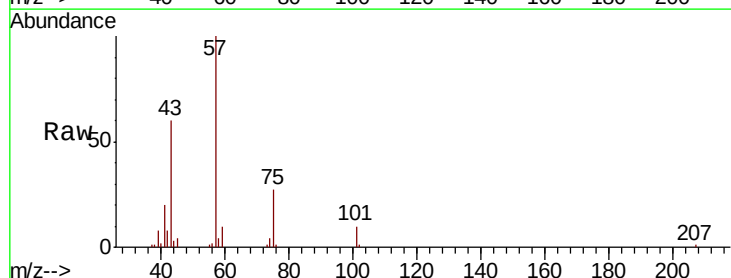
Instrument :
 MSVOA_N
 ClientSampleId :

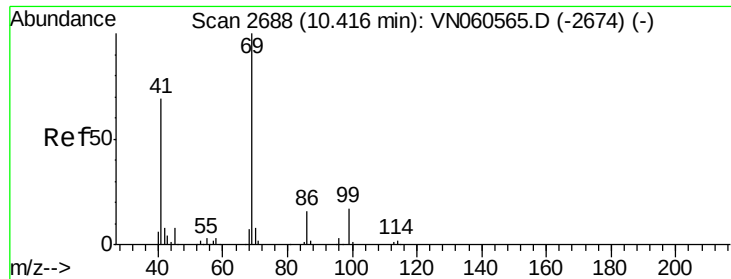
Tot Ion: 43 Resp: 7216
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.8 46.2



#54
 cis-1,3-Dichloropropene
 Concen: 7.526 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Tgt Ion: 75 Resp: 20362
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 30.3 40.2 60.4#





#56

Ethyl methacrylate

Concen: 0.220 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. 0.11 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

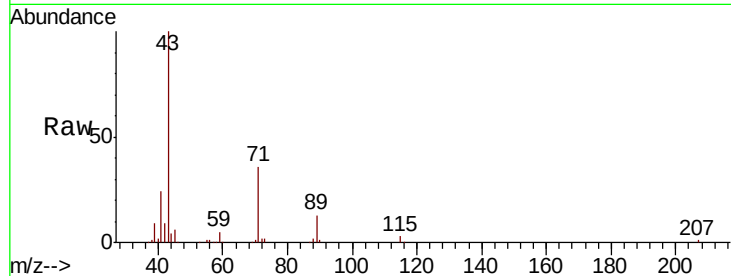
Tot Ion: 69 Resp: 517

Ion Ratio Lower Upper

69 100

41 8316.1 55.4 83.2#

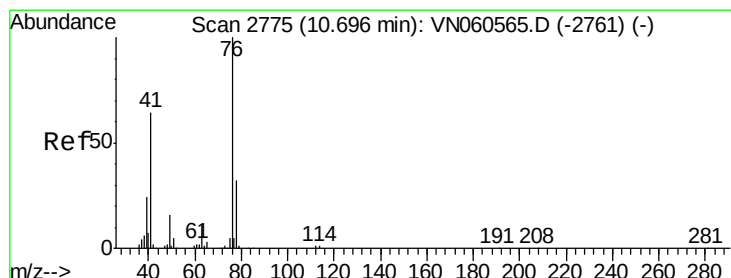
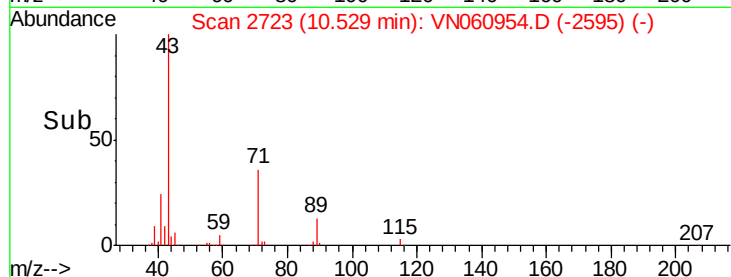
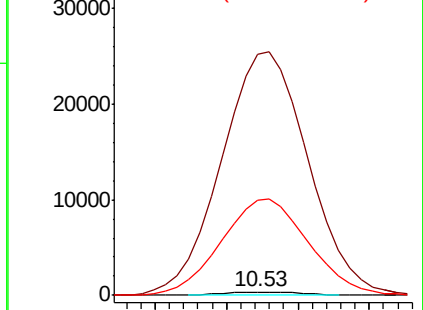
39 3301.0 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.259 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060954.D

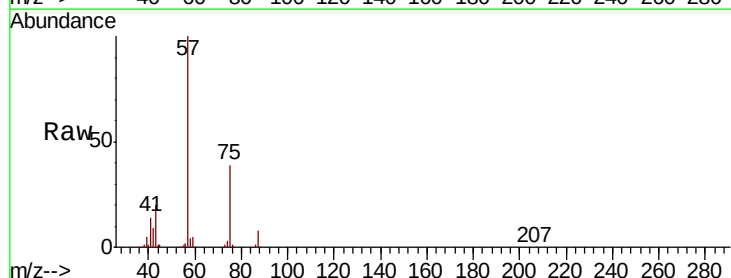
Acq: 15 Apr 2020 12:28

Tgt Ion: 76 Resp: 3287

Ion Ratio Lower Upper

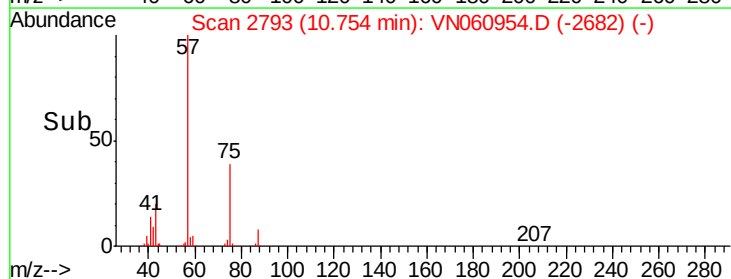
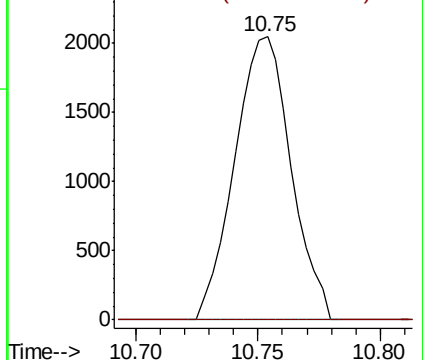
76 100

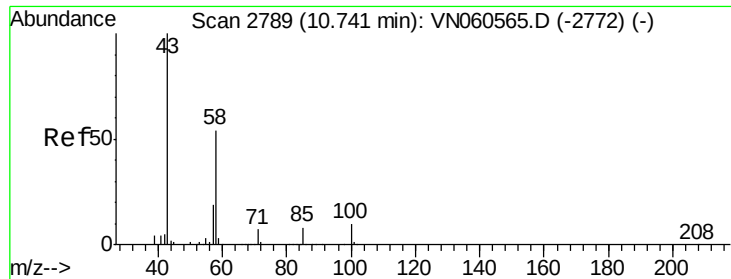
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 32.007 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.01 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

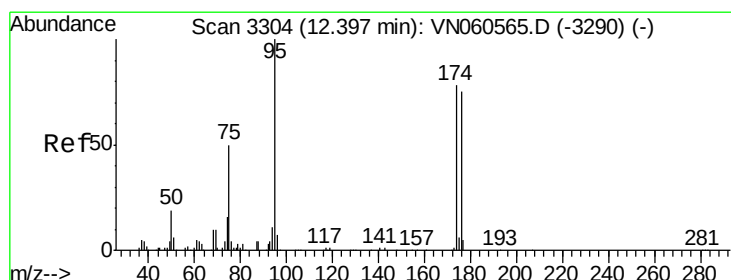
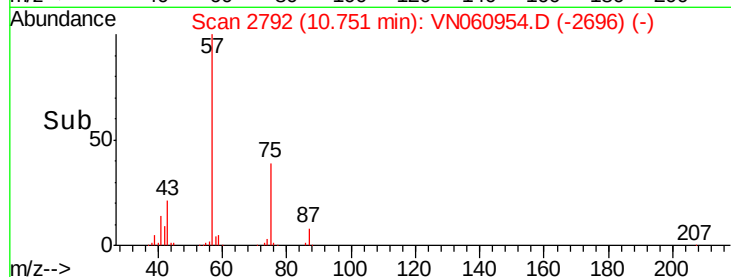
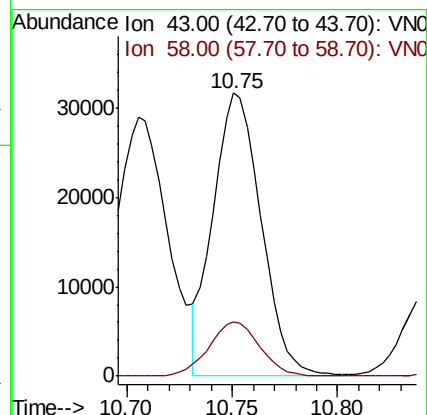
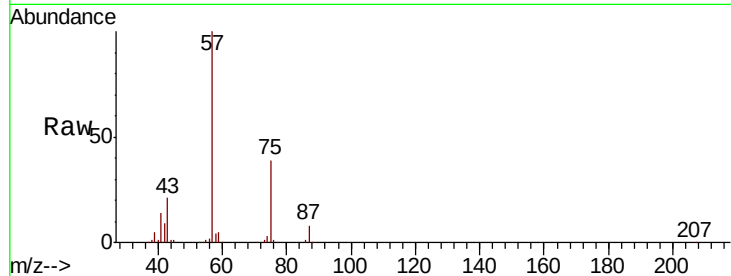
ClientSampleId :

Tot Ion: 43 Resp: 50160

Ion Ratio Lower Upper

43 100

58 20.2 26.7 80.1#



#62

4-Bromofluorobenzene

Concen: 50.165 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

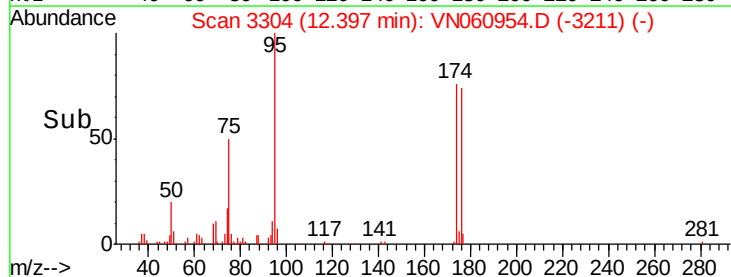
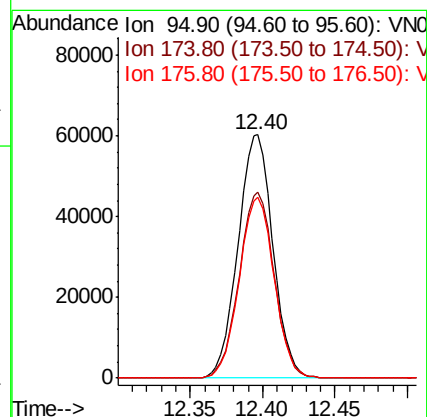
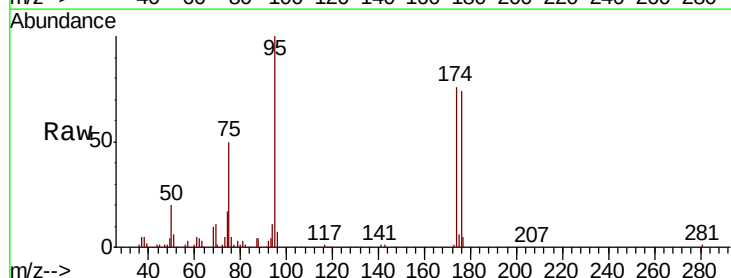
Tgt Ion: 95 Resp: 100606

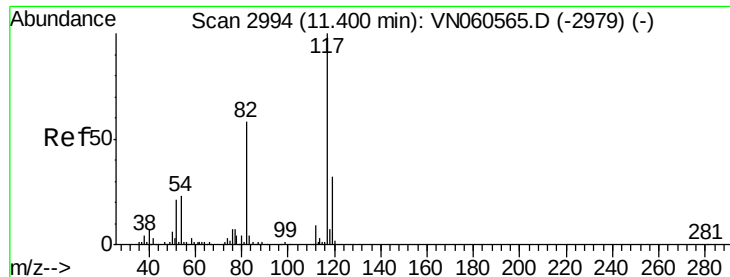
Ion Ratio Lower Upper

95 100

174 76.7 0.0 157.6

176 74.5 0.0 150.6

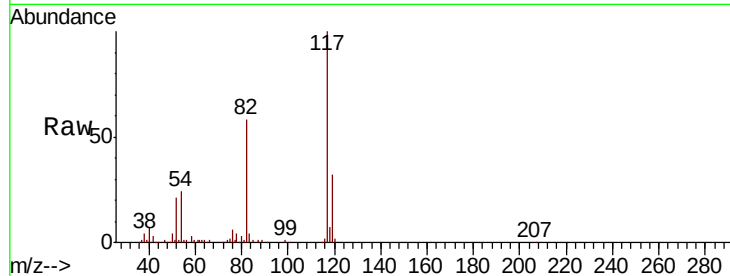




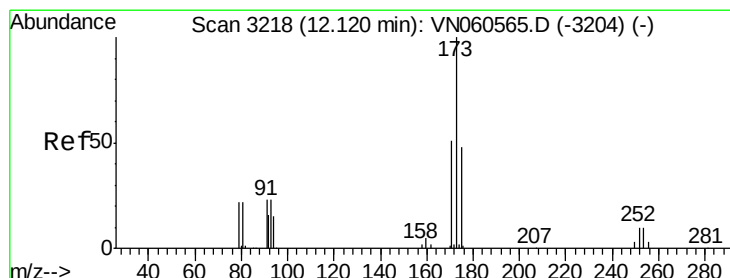
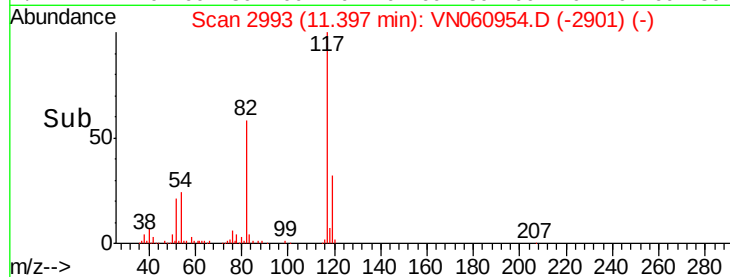
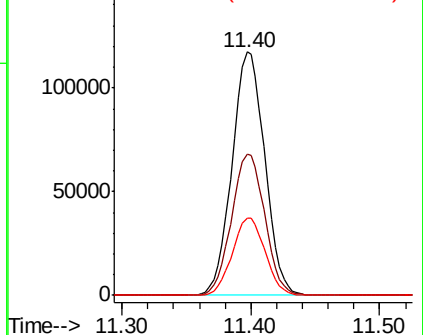
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 207040
Ion Ratio Lower Upper
117 100
82 58.2 46.7 70.1
119 31.8 25.5 38.3

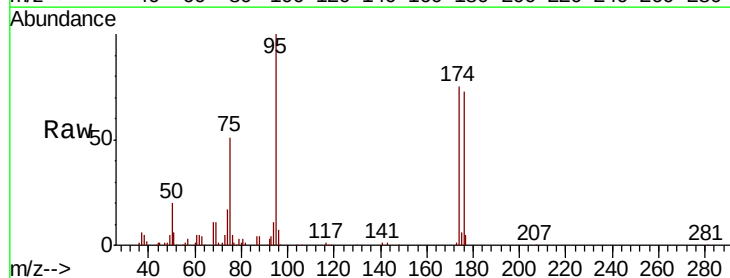


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

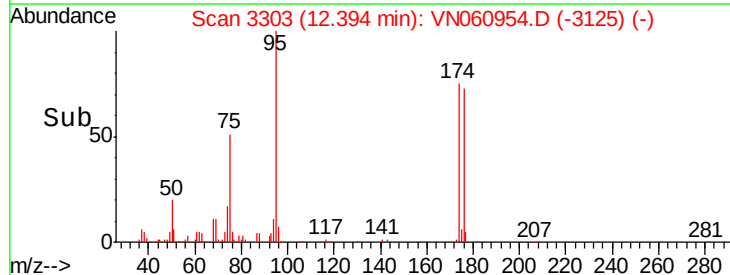
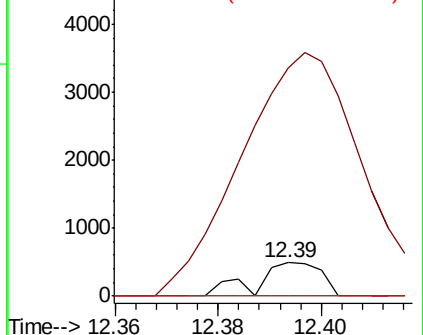


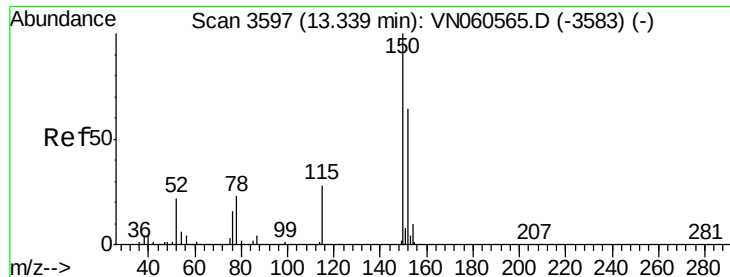
#71
Bromoform
Concen: 2.018 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion:173 Resp: 431
Ion Ratio Lower Upper
173 100
175 1168.9 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: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

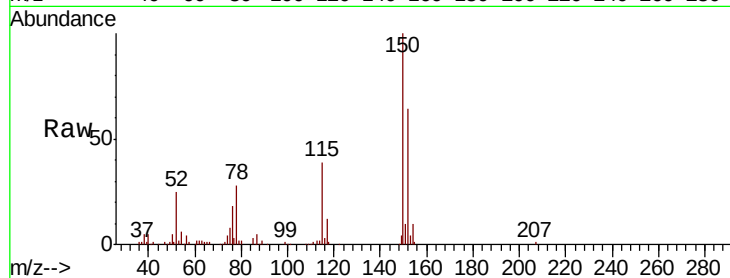
Tot Ion:152 Resp: 91023

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 155.5 0.0 350.2

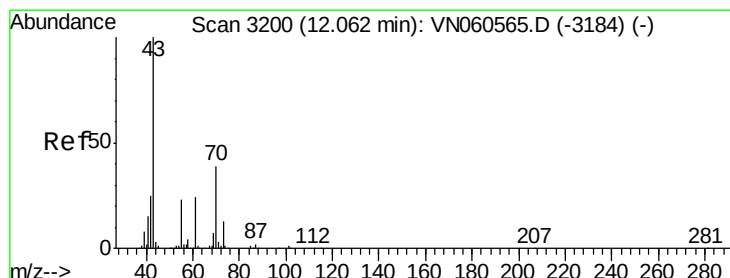
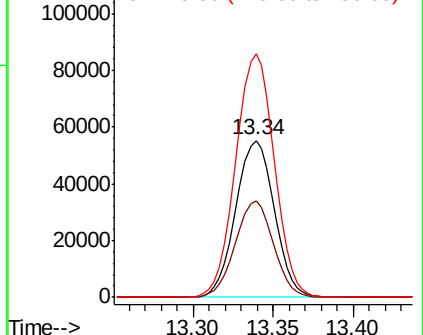
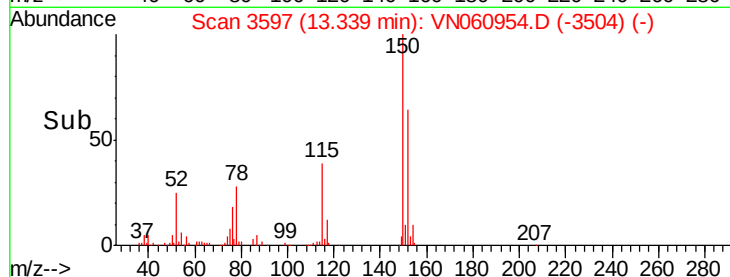


Abundance

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: 0.672 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Tgt Ion: 43 Resp: 2120

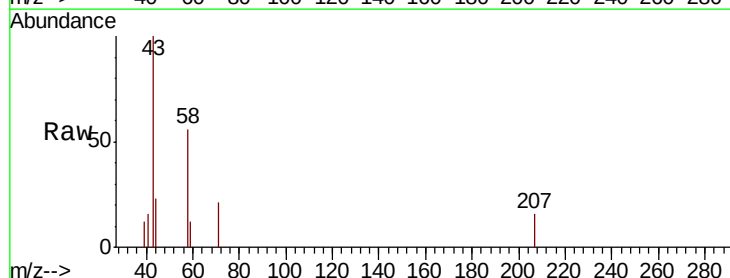
Ion Ratio Lower Upper

43 100

70 0.0 31.1 46.7#

55 0.0 18.6 27.8#

61 0.0 18.9 28.3#



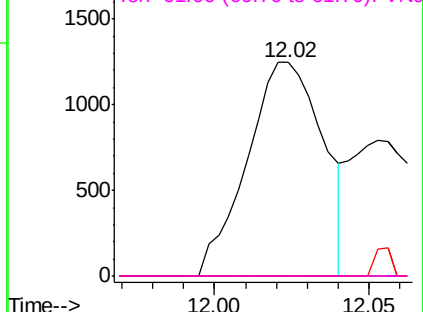
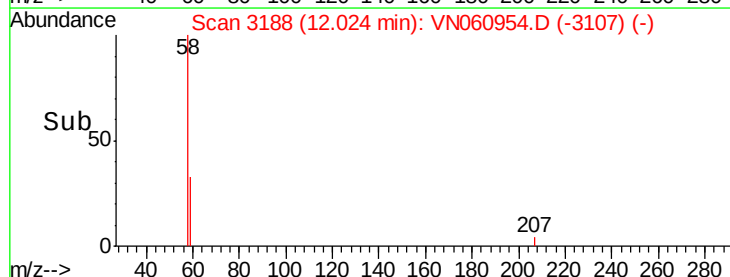
Abundance

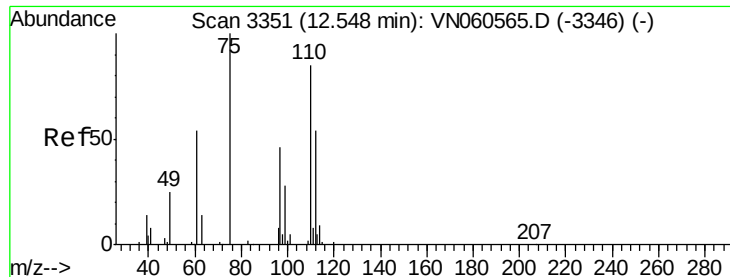
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 26.063 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

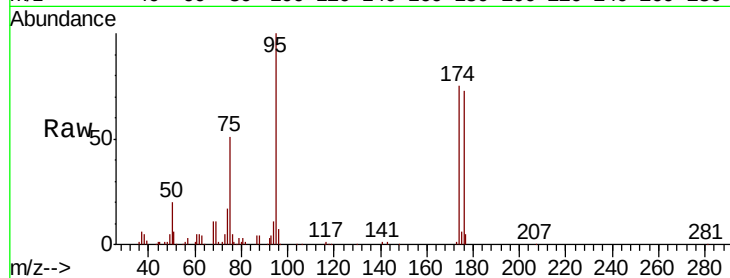
ClientSampled :

Tot Ion: 75 Resp: 51190

Ion Ratio Lower Upper

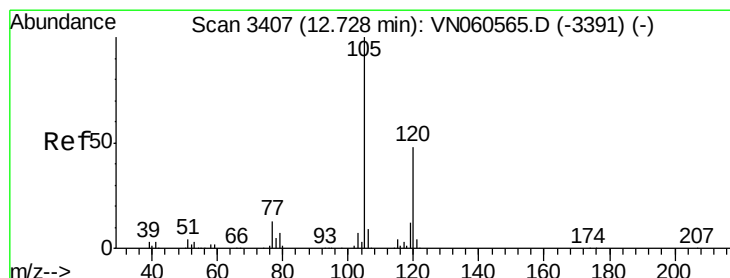
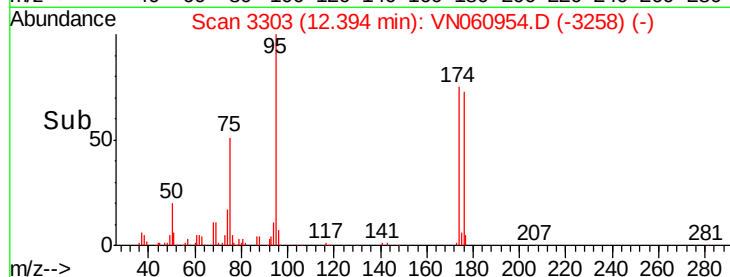
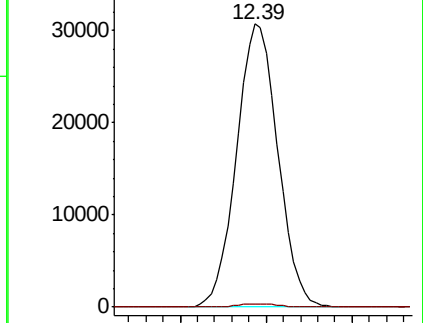
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060954.D (-3346) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.775 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060954.D

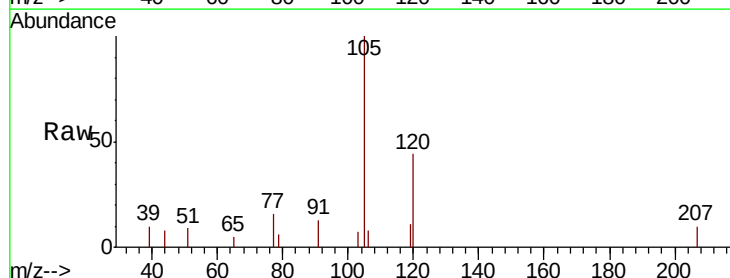
Acq: 15 Apr 2020 12:28

Tgt Ion: 105 Resp: 4491

Ion Ratio Lower Upper

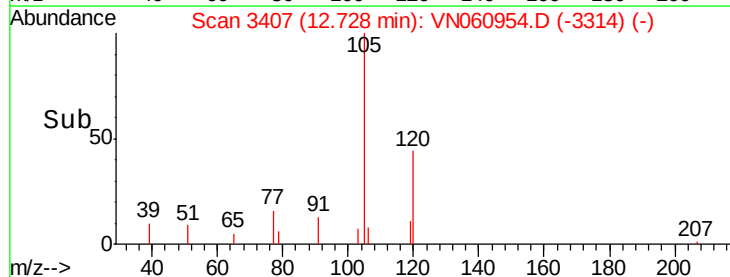
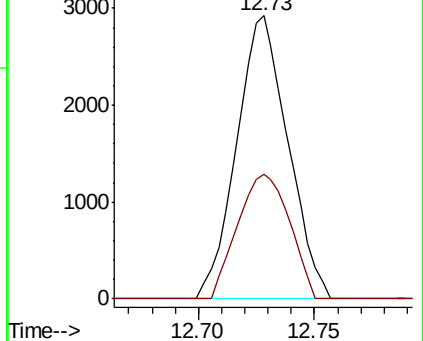
105 100

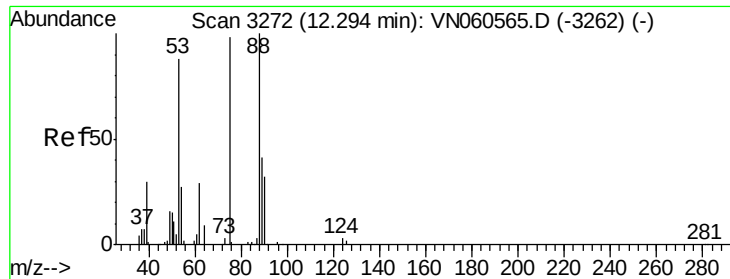
120 44.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060954.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060954.D (-3314) (-)

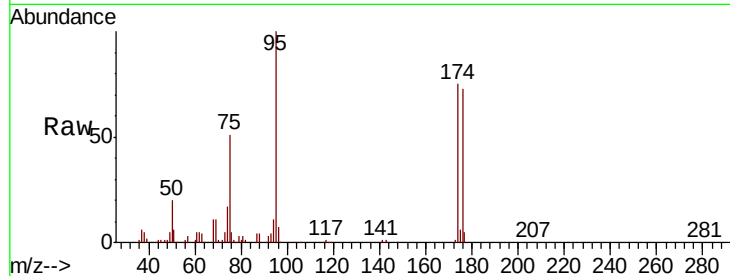




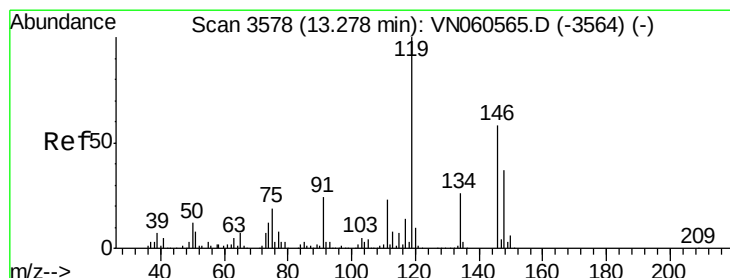
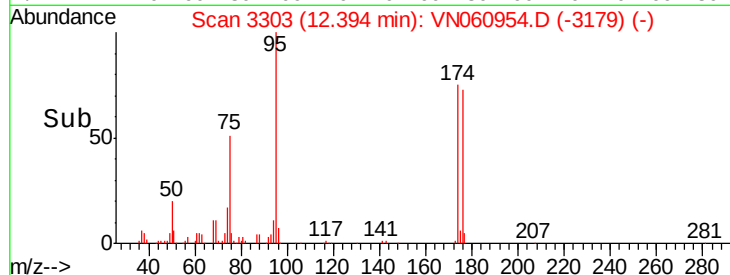
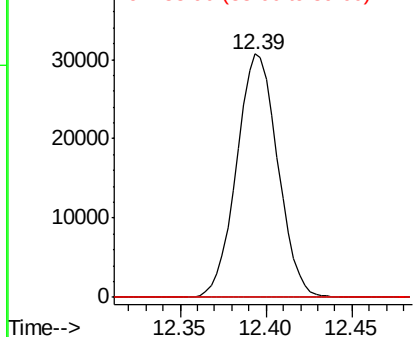
#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.937 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 51190
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.4#
 89 0.0 34.8 52.2#

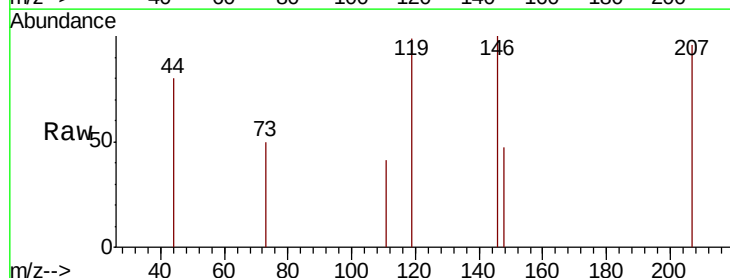


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

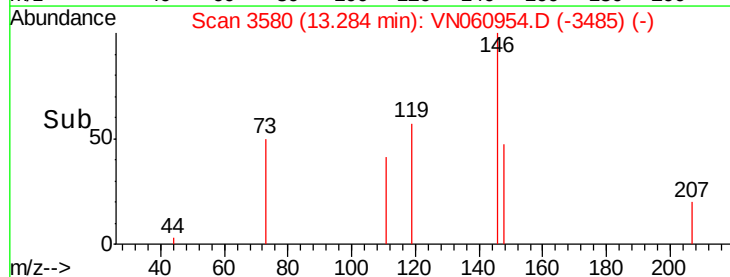
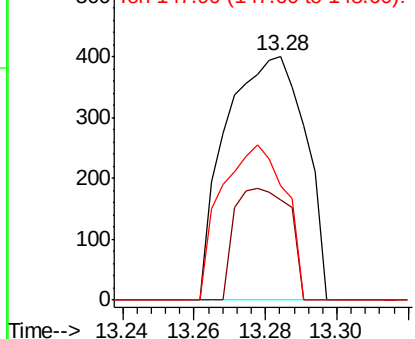


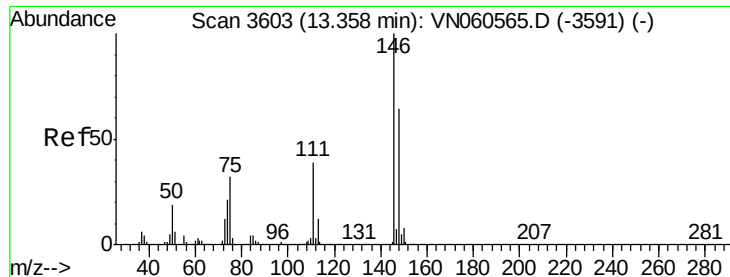
#87
 1,3-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.01 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Tgt Ion: 146 Resp: 613
 Ion Ratio Lower Upper
 146 100
 111 32.0 20.3 60.8
 148 51.4 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: 0.210 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.07 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

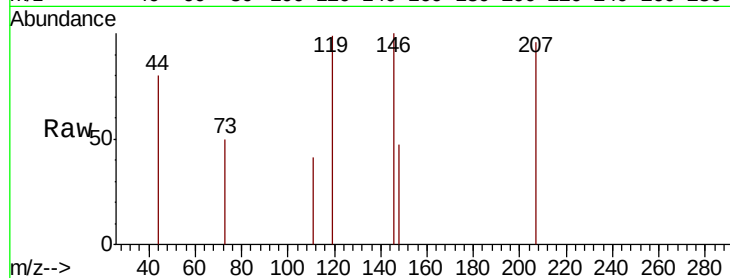
Tot Ion:146 Resp: 613

Ion Ratio Lower Upper

146 100

111 32.0 19.6 58.7

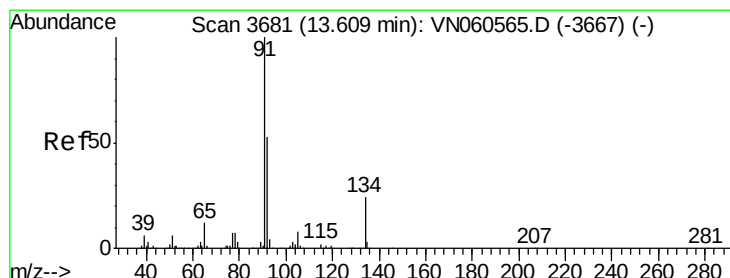
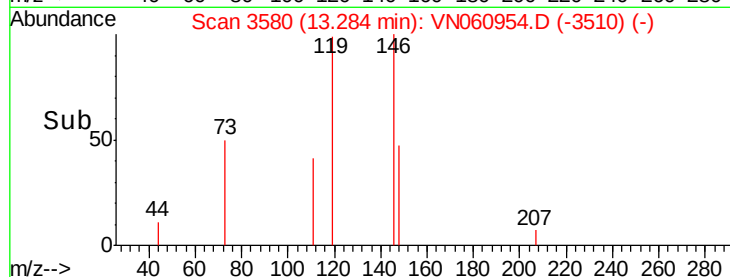
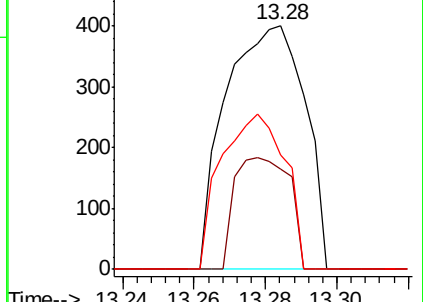
148 51.4 32.1 96.3



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



#89

n-Butylbenzene

Concen: 0.243 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

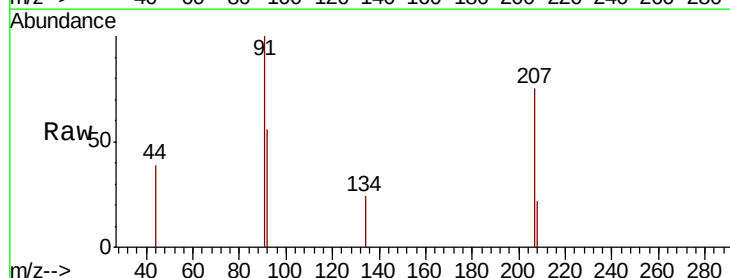
Tgt Ion: 91 Resp: 1275

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

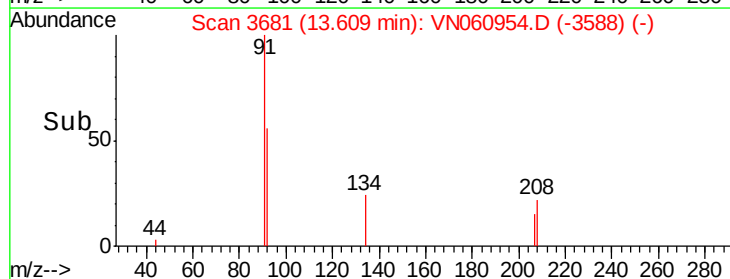
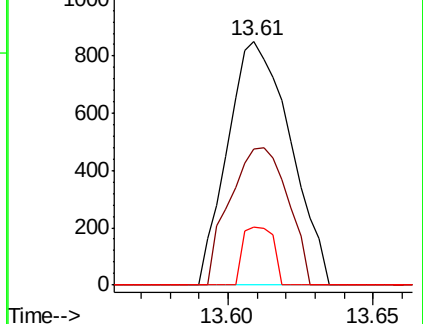
134 11.6 12.3 36.9#

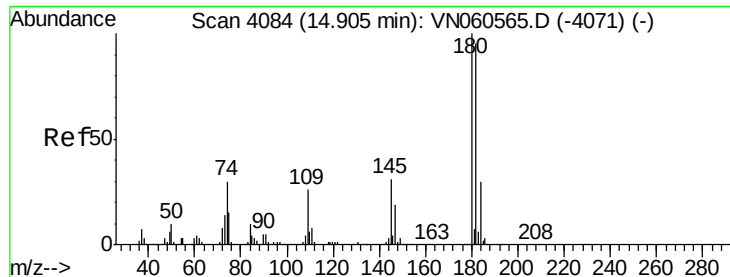


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

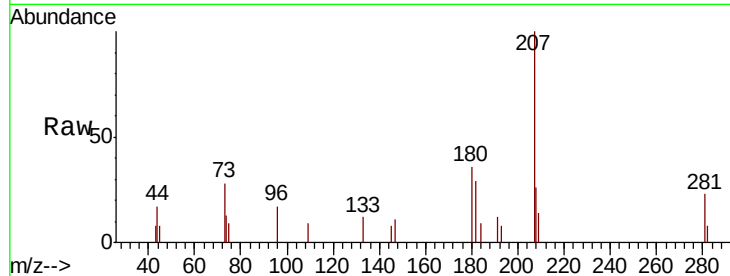




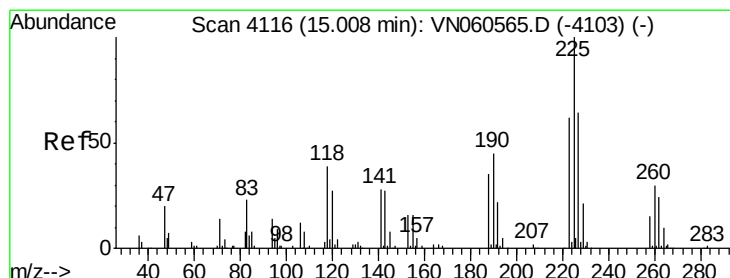
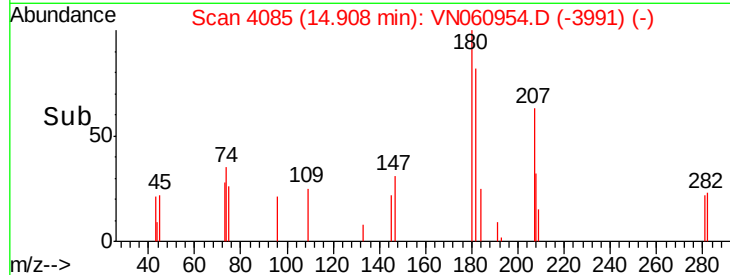
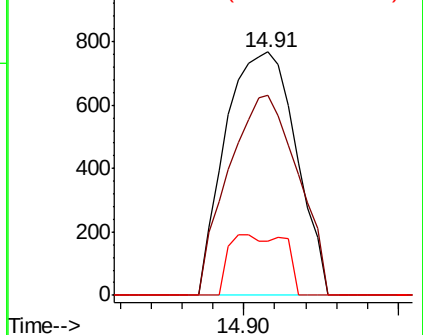
#93
 1,2,4-Trichlorobenzene
 Concen: 0.714 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1217
 Ion Ratio Lower Upper
 180 100
 182 80.9 47.9 143.8
 145 19.6 15.4 46.2

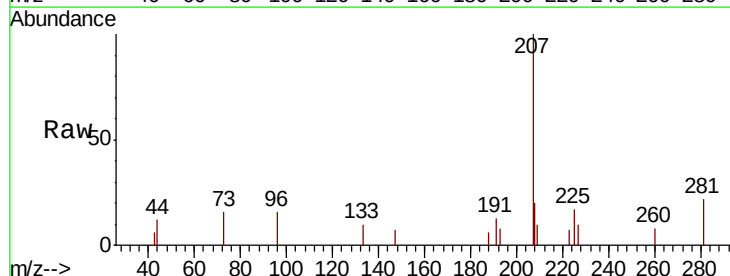


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

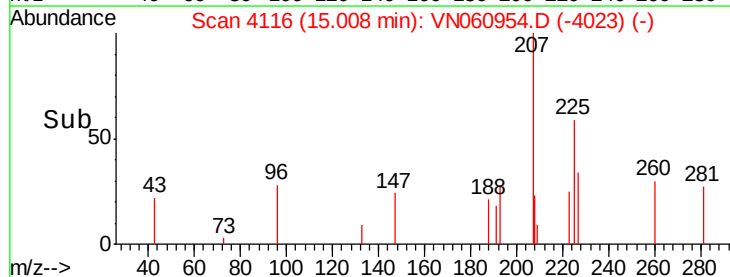
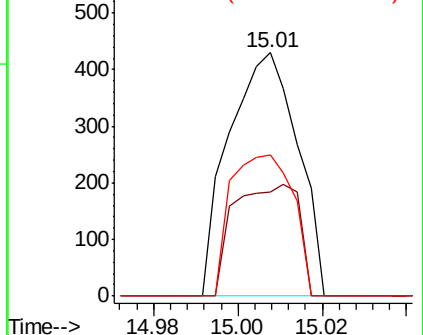


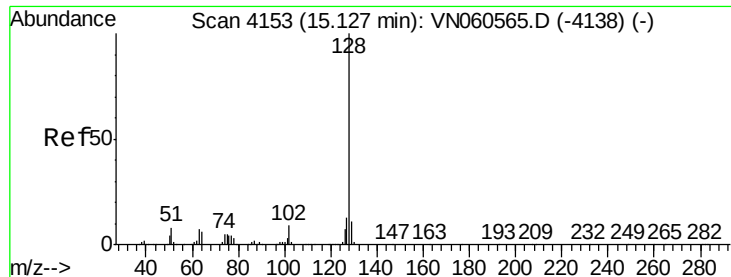
#94
 Hexachlorobutadiene
 Concen: 0.579 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060954.D
 Acq: 15 Apr 2020 12:28

Tgt Ion:225 Resp: 484
 Ion Ratio Lower Upper
 225 100
 223 43.2 31.6 95.0
 227 52.5 32.3 96.8



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

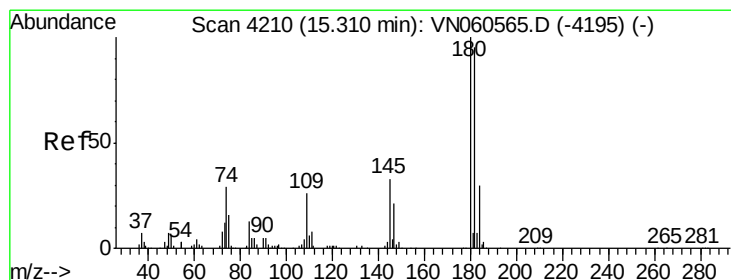
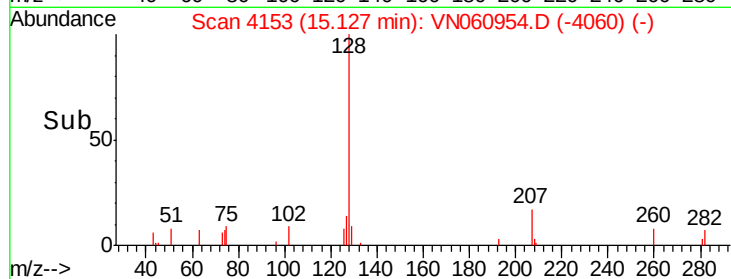
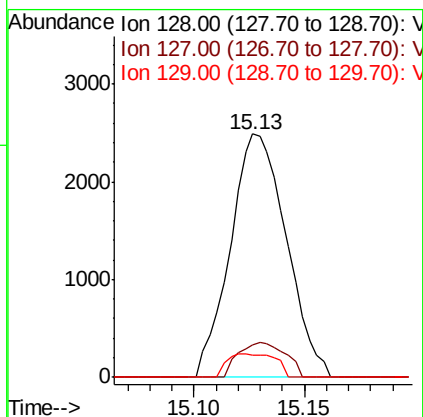
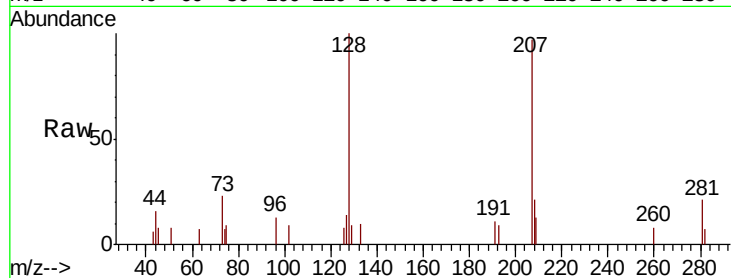




#95
Naphthalene
Concen: 0.853 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 4376
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 8.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.663 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 111.0 47.5 142.6
145 20.5 16.3 48.8

