

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053794.D
 Acq On : 15 Feb 2019 12:37
 Operator : JC/SP
 Sample : K1484-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:23:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	705120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1152983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1171408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442700	50.00	ug/l	0.00

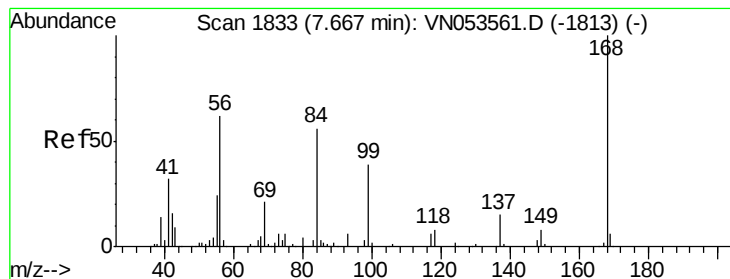
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	371838	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.59	113	366134	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1415793	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	491976	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	348	0.381	ug/l #	42
8) Diethyl Ether	3.41	74	970	0.241	ug/l	64
13) Acrolein	3.62	56	204	0.895	ug/l #	14
14) Allyl chloride	4.55	41	22330	2.148	ug/l #	27
16) Acetone	3.82	43	24264	13.373	ug/l	99
17) Carbon Disulfide	4.06	76	4854	0.239	ug/l #	90
18) Methyl Acetate	4.33	43	1652	0.307	ug/l	96
20) Methylene Chloride	4.55	84	633131	83.173	ug/l	97
25) 2-Butanone	6.84	43	3978	1.537	ug/l #	82
29) Tetrahydrofuran	7.22	42	2138	1.287	ug/l #	39
31) Cyclohexane	7.66	56	9495	0.626	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42264	4.066	ug/l #	49
37) Ethyl Acetate	6.84	43	3978	0.685	ug/l #	70
38) Carbon Tetrachloride	7.66	117	56610	5.407	ug/l #	16
41) Methacrylonitrile	7.21	41	1109	0.342	ug/l #	31
43) Isopropyl Acetate	8.17	43	29278	2.612	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	2060	0.251	ug/l #	43
48) Methyl methacrylate	9.17	41	9310	1.740	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	7050	1.280	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	68722	5.637	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	13953	1.191	ug/l #	43
59) 2-Hexanone	10.76	43	171040	45.736	ug/l #	51
68) m/p-Xylenes	11.62	106	5494	0.352	ug/l	96
71) Bromoform	12.40	173	3412	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	224891	39.550	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11615	0.450	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	224891	111.212	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13754	0.523	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	2563	0.310	ug/l #	89
95) Naphthalene	15.13	128	17901	2.625	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	3155	0.411	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

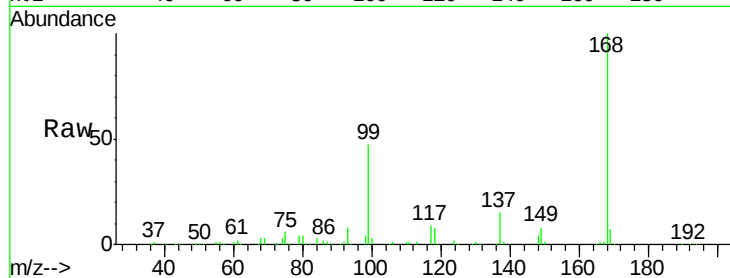
ClientSampled :

Tot Ion:168 Resp: 705120

Ion Ratio Lower Upper

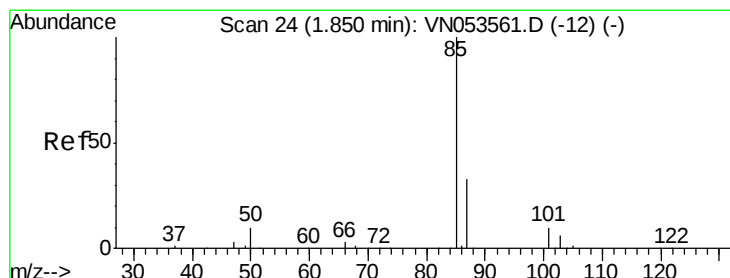
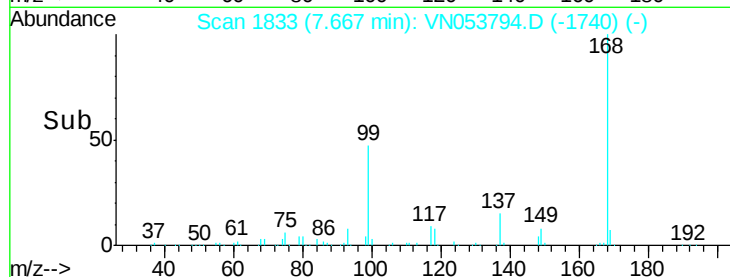
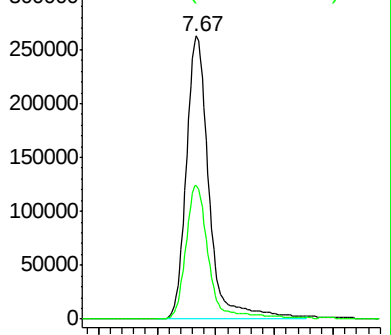
168 100

99 47.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.381 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053794.D

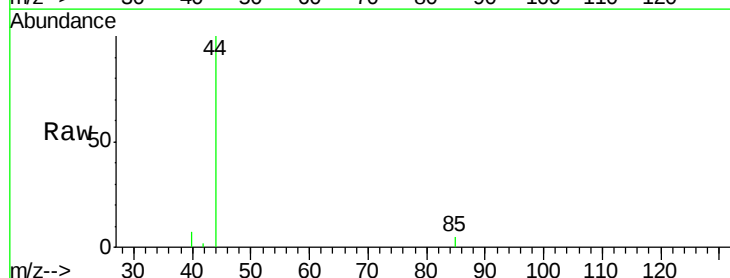
Acq: 15 Feb 2019 12:37

Tgt Ion: 85 Resp: 348

Ion Ratio Lower Upper

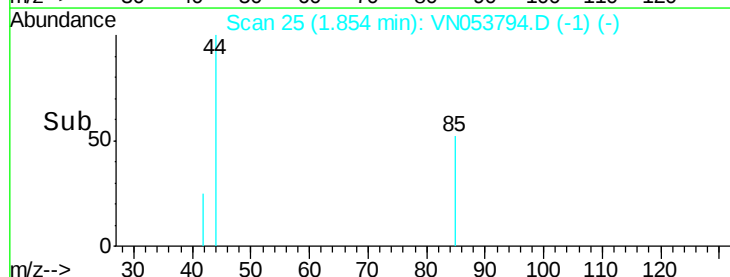
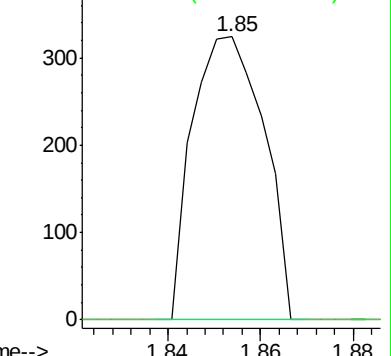
85 100

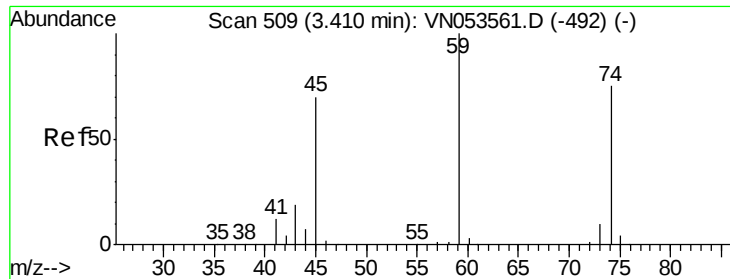
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#8

Diethyl Ether

Concen: 0.241 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

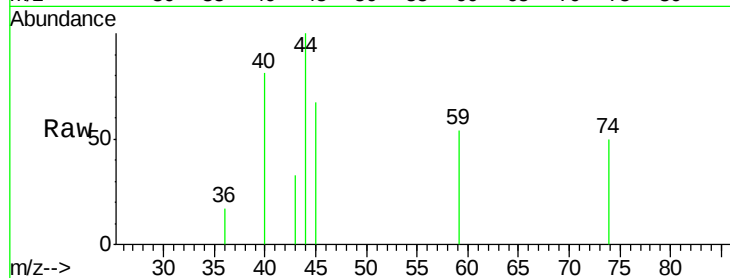
ClientSampled :

Tot Ion: 74 Resp: 970

Ion Ratio Lower Upper

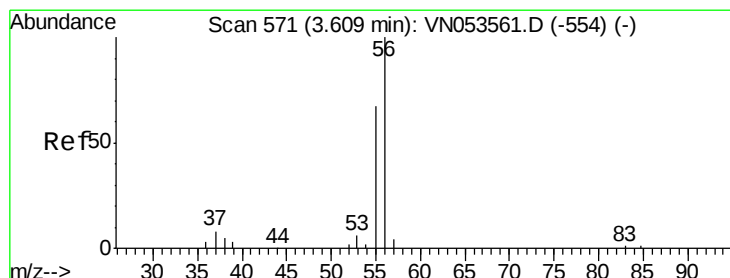
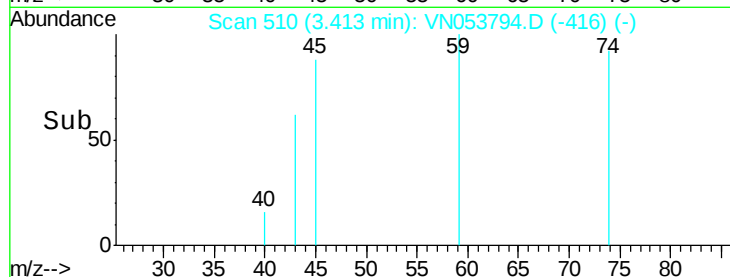
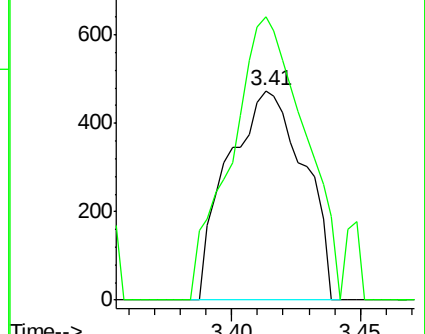
74 100

45 131.0 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#13

Acrolein

Concen: 0.895 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN053794.D

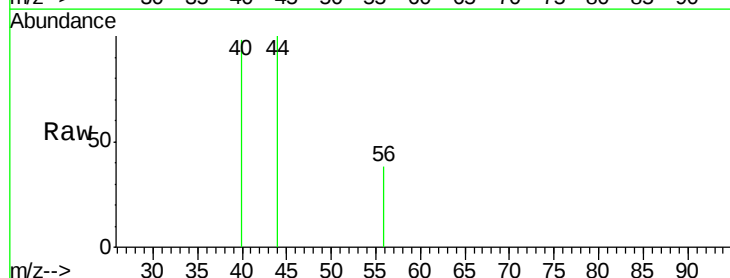
Acq: 15 Feb 2019 12:37

Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

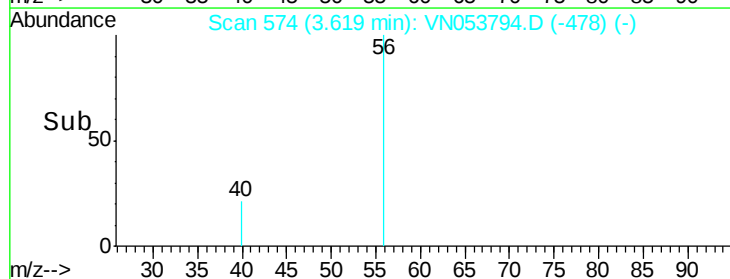
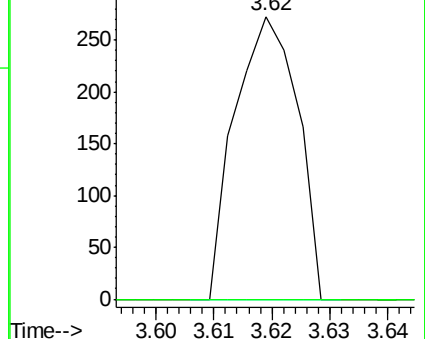
56 100

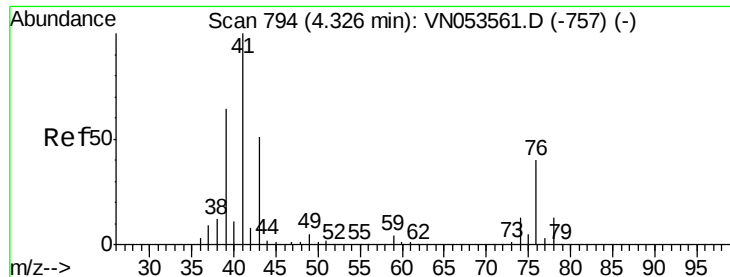
55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#14

Allvl chloride

Concen: 2.148 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

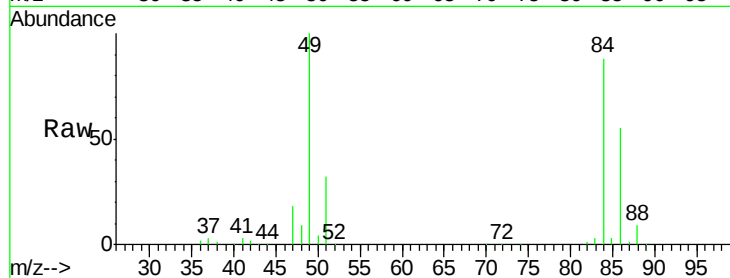
Tot Ion: 41 Resp: 22330

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

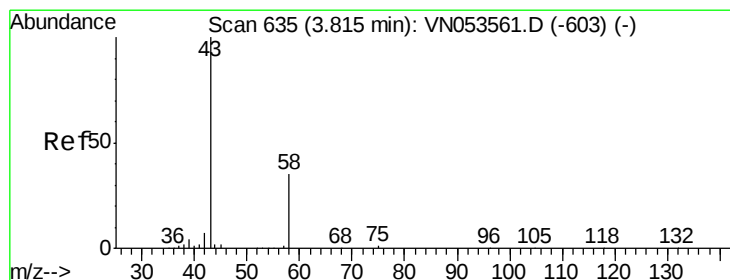
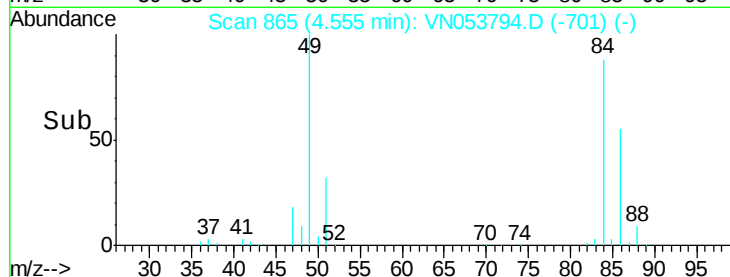
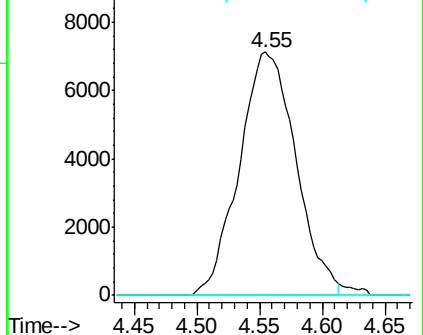
76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 13.373 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053794.D

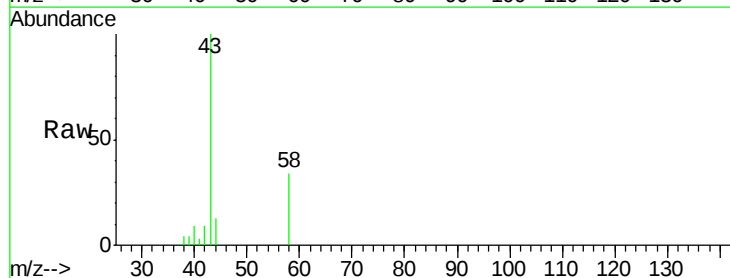
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 24264

Ion Ratio Lower Upper

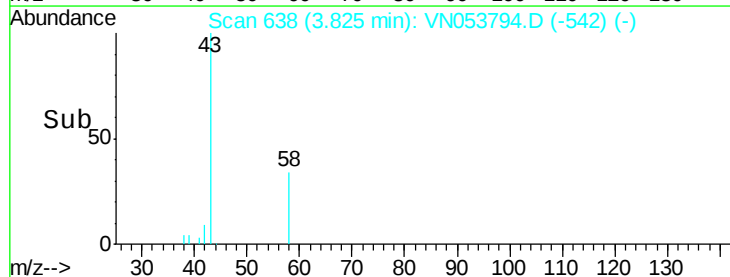
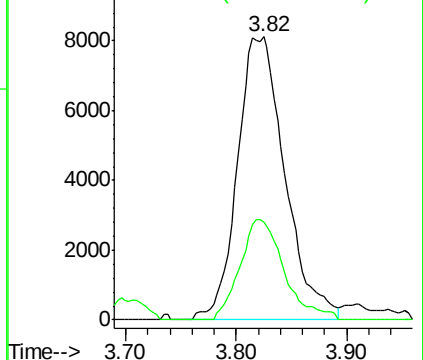
43 100

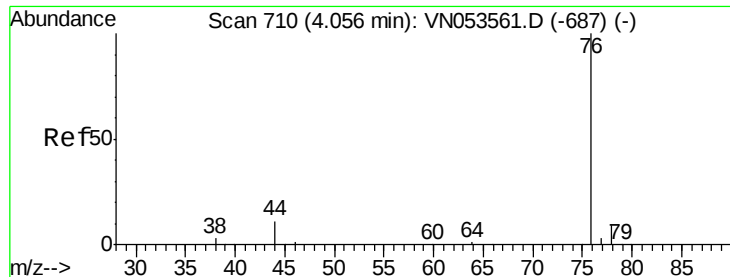
58 34.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.239 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

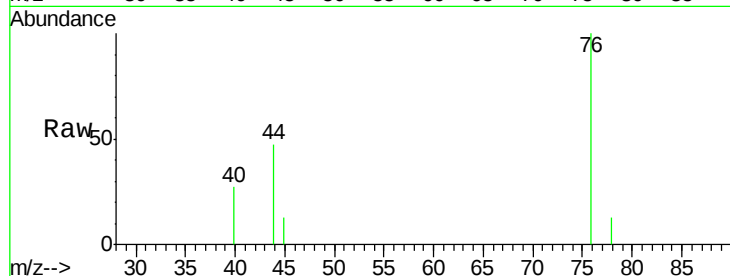
ClientSampleId :

Tot Ion: 76 Resp: 4854

Ion Ratio Lower Upper

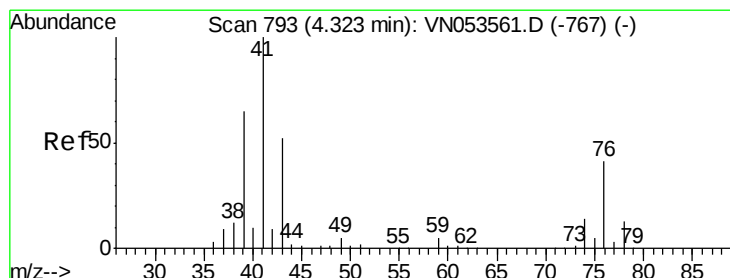
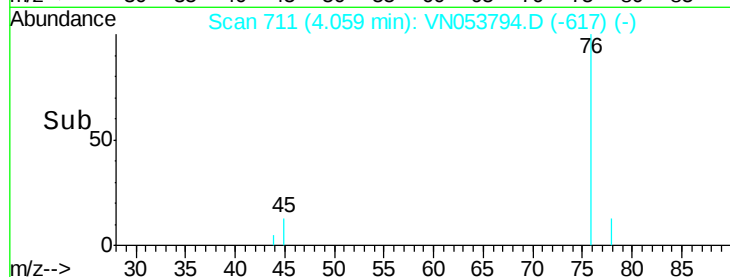
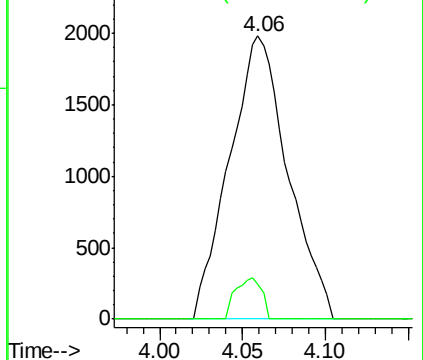
76 100

78 12.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.307 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053794.D

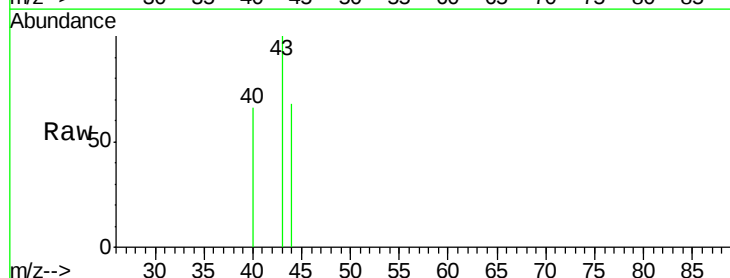
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 1652

Ion Ratio Lower Upper

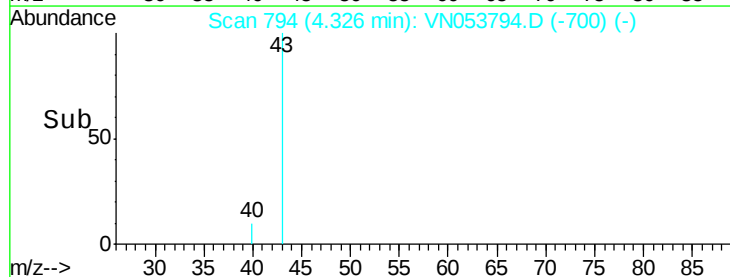
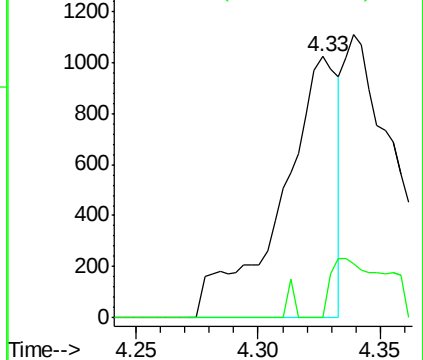
43 100

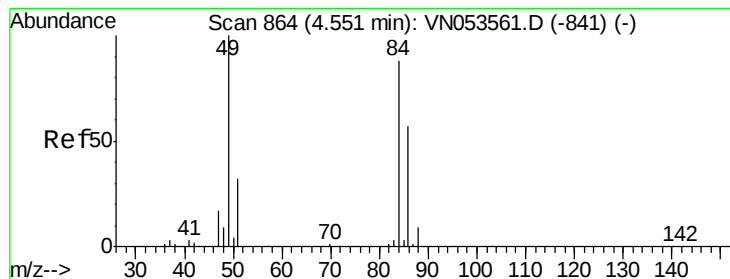
74 22.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 83.173 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 633131

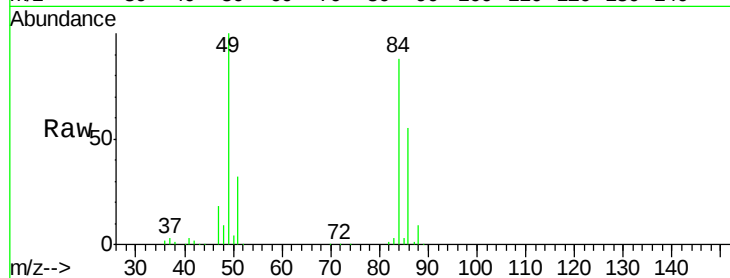
Ion Ratio Lower Upper

84 100

49 113.0 94.3 141.5

51 36.2 29.4 44.2

86 62.1 51.4 77.0

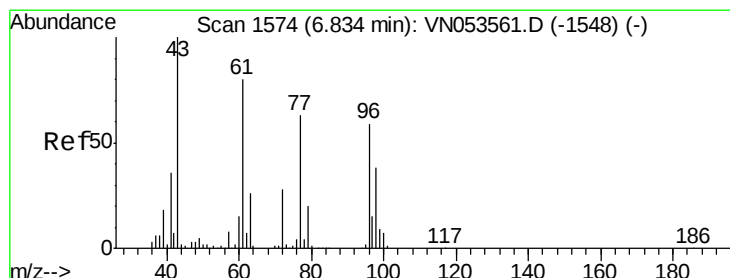
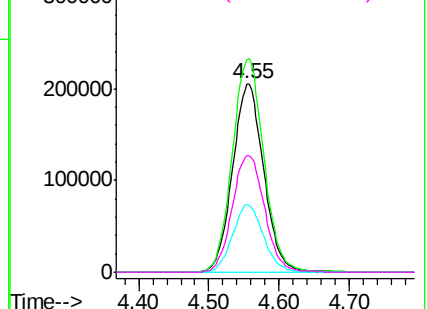
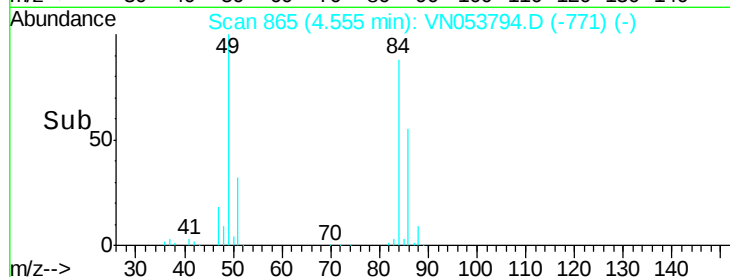


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.537 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053794.D

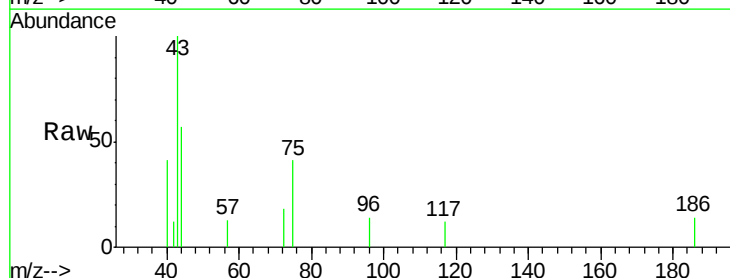
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

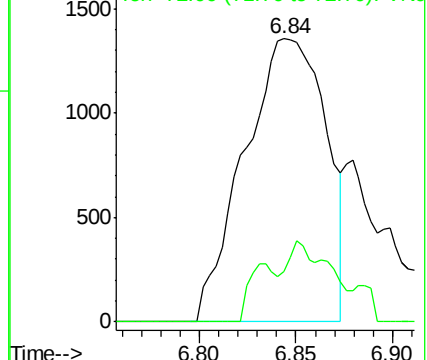
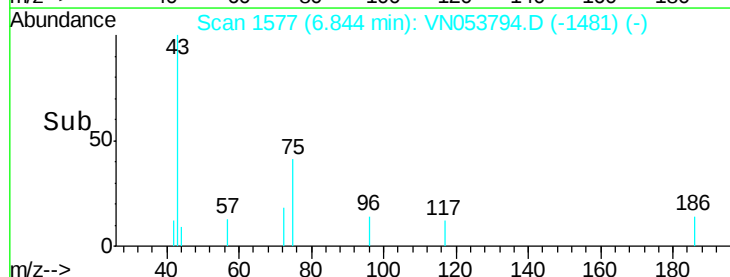
43 100

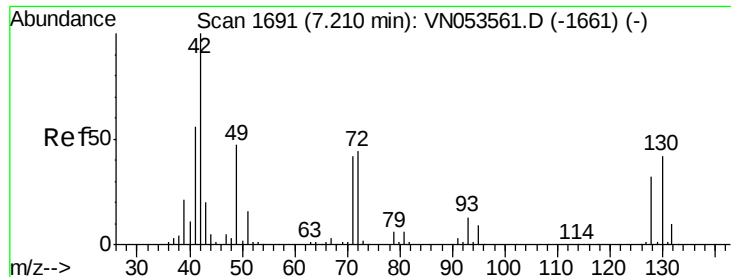
72 17.9 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

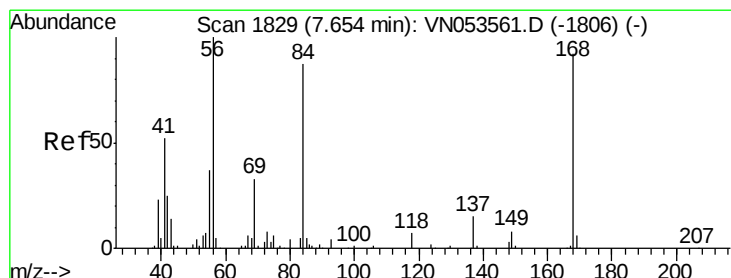
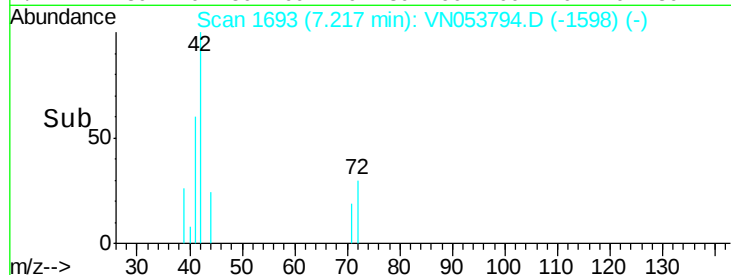
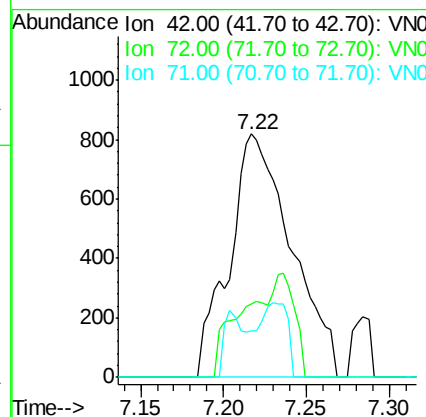
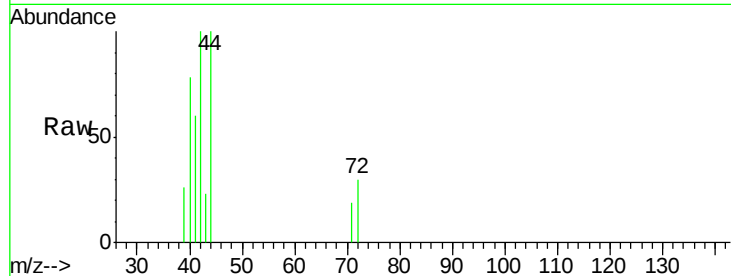




#29
Tetrahydrofuran
Concen: 1.287 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

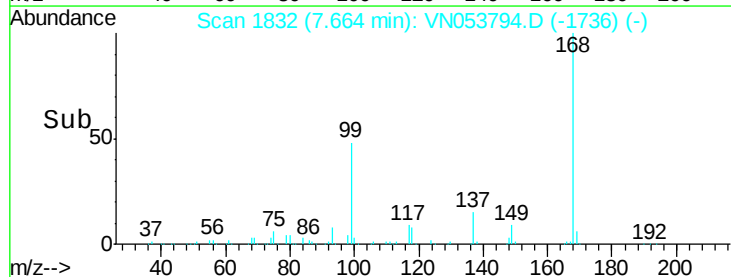
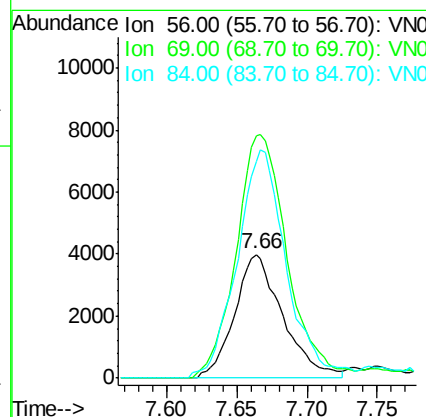
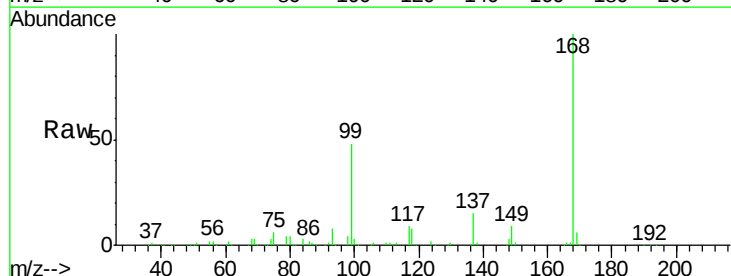
Instrument :
MSVOA_N
ClientSampleId :

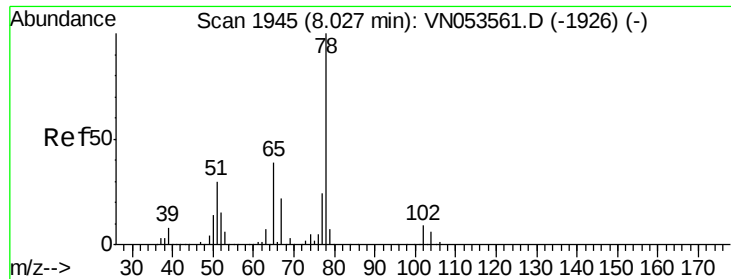
Tot Ion: 42 Resp: 2138
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 8.2 33.0 49.4#



#31
Cyclohexane
Concen: 0.626 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Tgt Ion: 56 Resp: 9495
Ion Ratio Lower Upper
56 100
69 195.5 26.4 39.6#
84 170.6 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 52.566 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

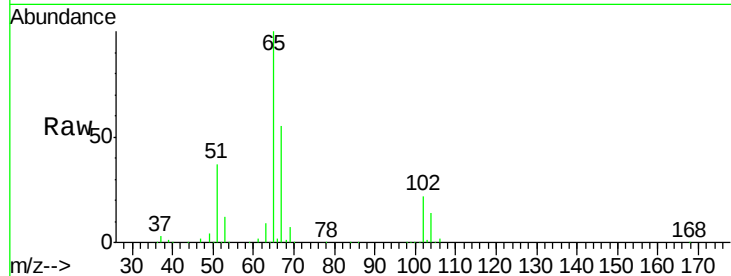
ClientSampleId :

Tot Ion: 65 Resp: 371838

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053794.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053794.D (-1852) (-)

8.03

150000

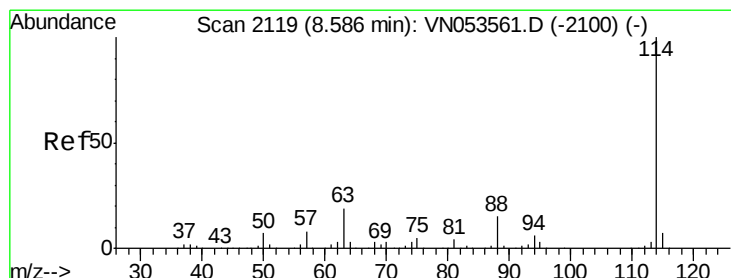
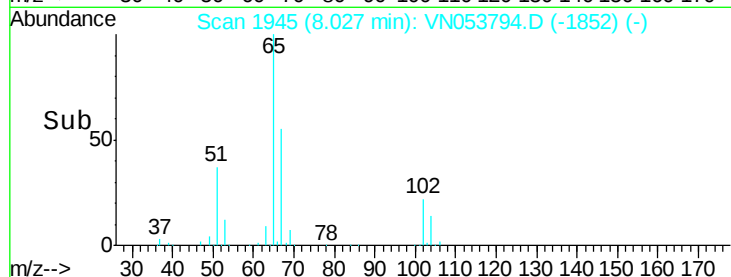
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

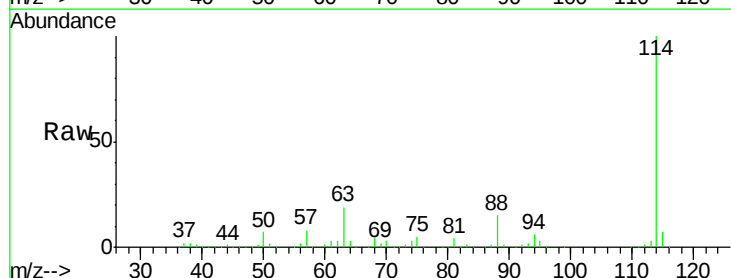
Tgt Ion: 114 Resp: 1152983

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053794.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053794.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053794.D (-2026) (-)

8.59

600000

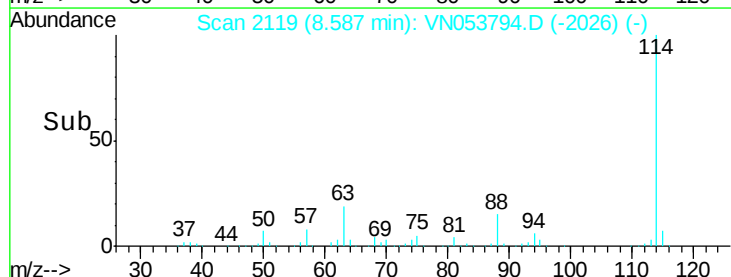
400000

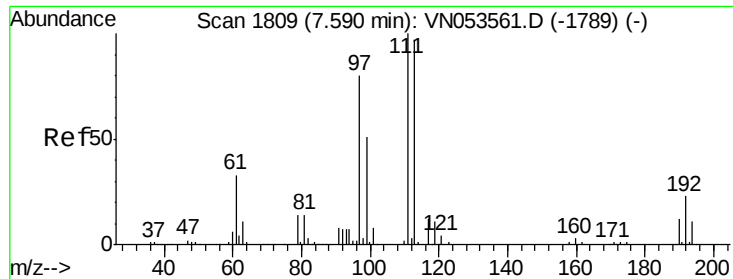
200000

0

8.40 8.60 8.80

Time-->

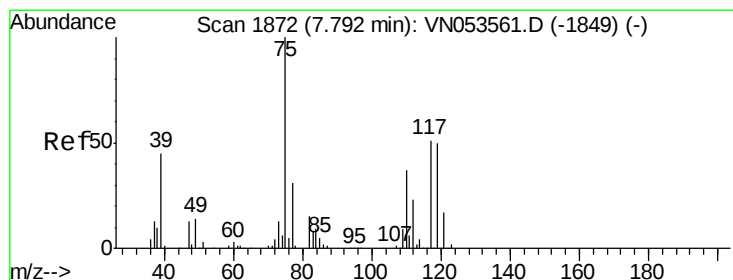
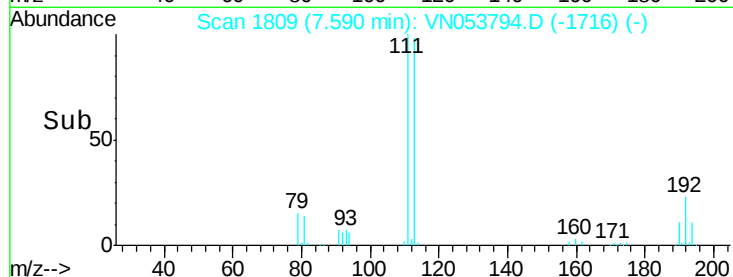
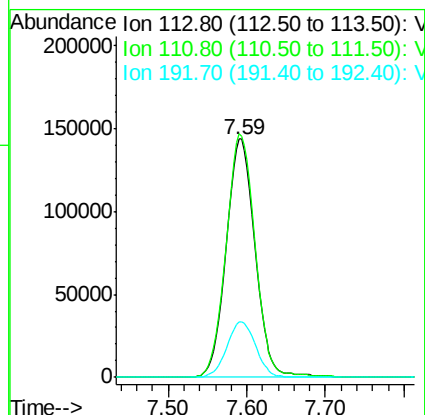
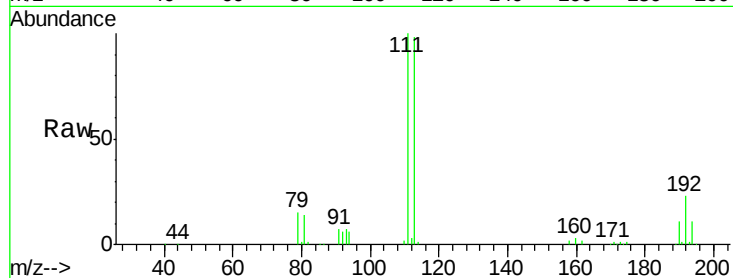




#35
 Dibromofluoromethane
 Concen: 50.256 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

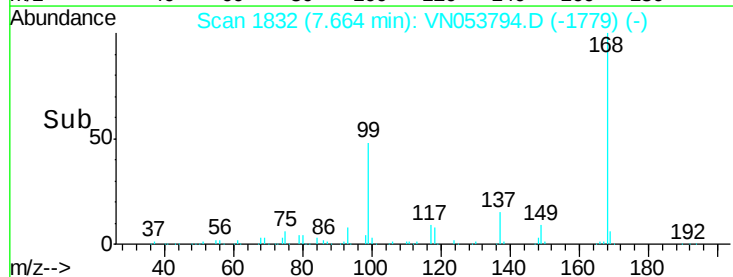
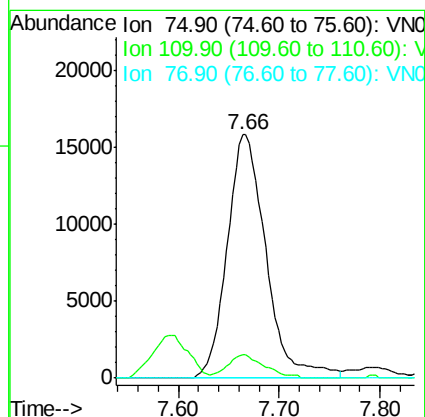
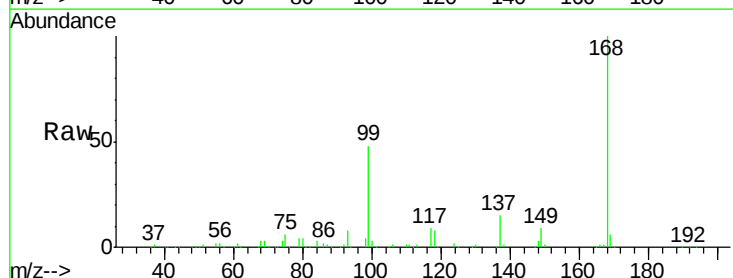
Instrument :
 MSVOA_N
 ClientSampleId :

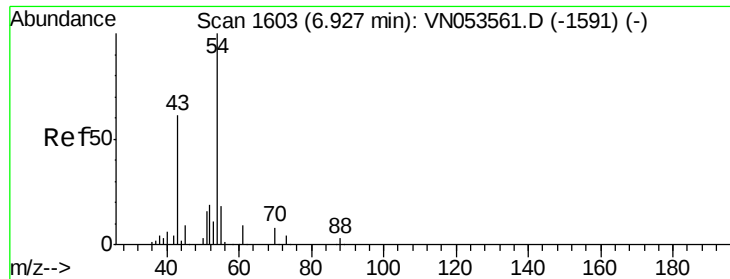
Tot Ion:113 Resp: 366134
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.3 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.066 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

Tgt Ion: 75 Resp: 42264
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.1 54.3#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.685 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.08 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

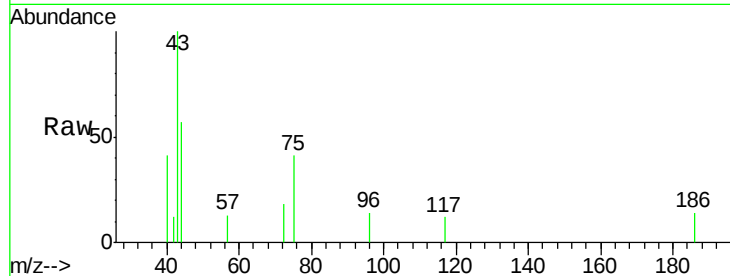
Tot Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

61 1.6 11.8 17.6#

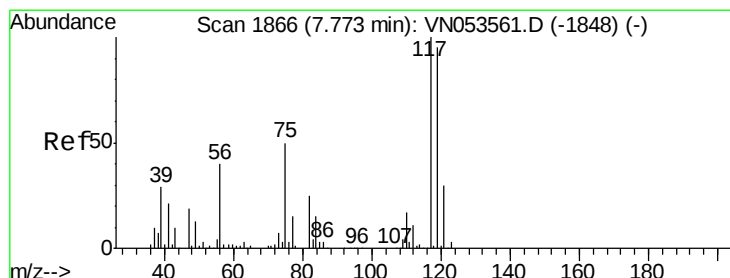
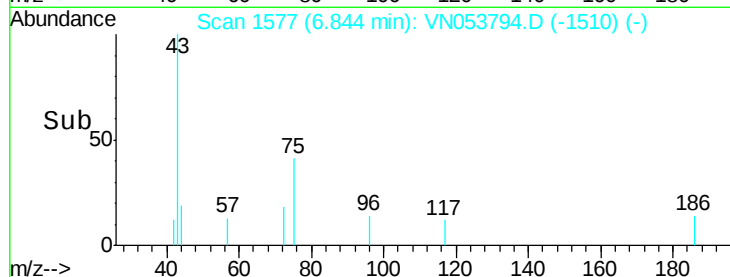
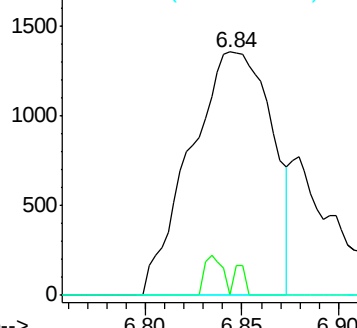
70 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053794.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053794.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053794.D (-1510) (-)



#38

Carbon Tetrachloride

Concen: 5.407 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

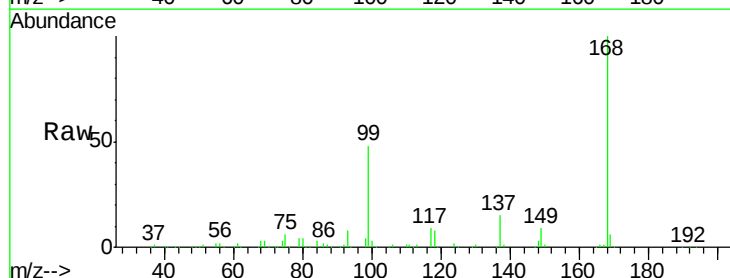
Tgt Ion: 117 Resp: 56610

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

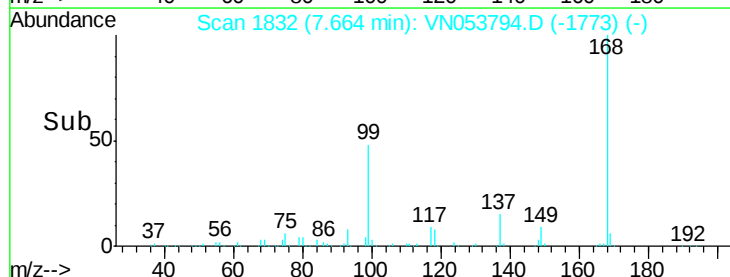
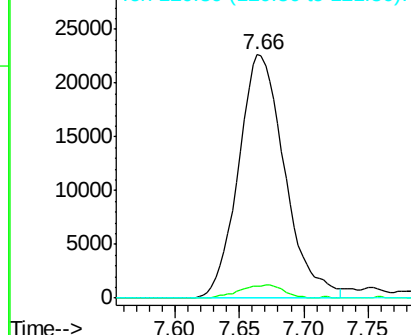
121 0.0 24.6 37.0#

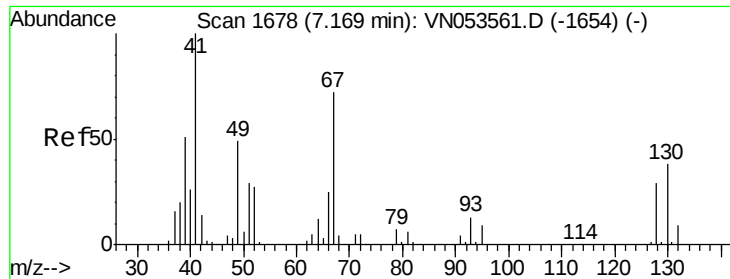


Abundance Ion 116.80 (116.50 to 117.50): VN053794.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053794.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053794.D (-1773) (-)

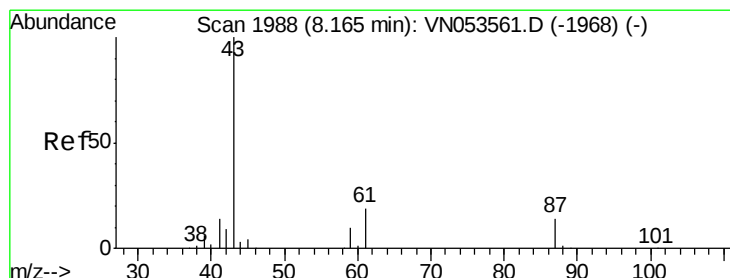
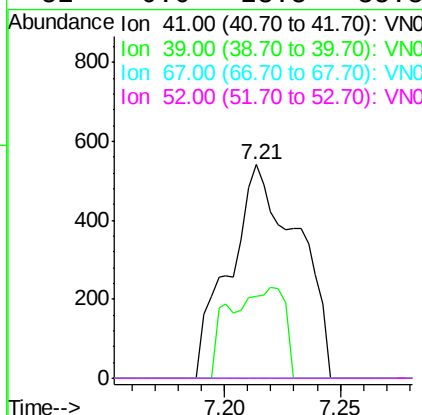
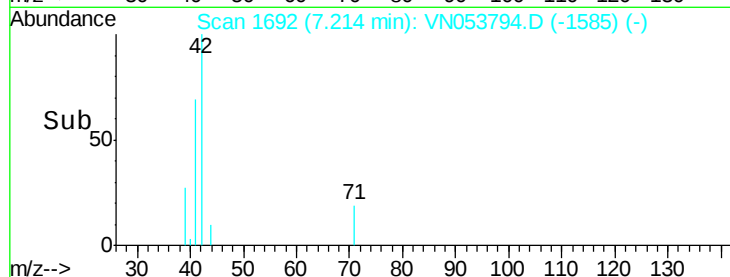
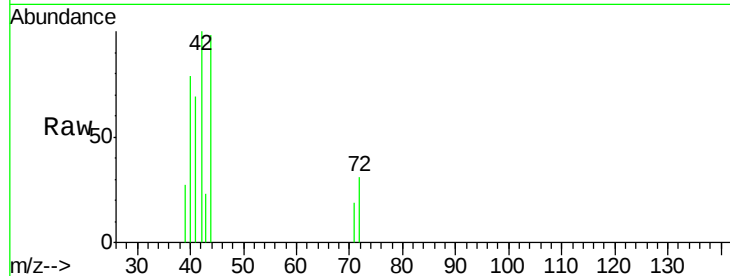




#41
Methacrylonitrile
Concen: 0.342 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.05 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

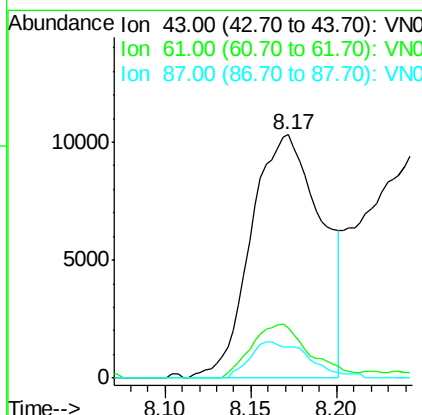
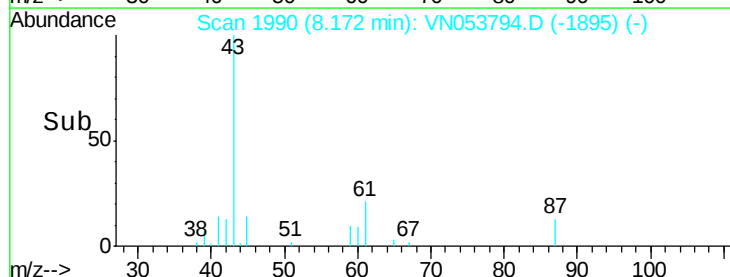
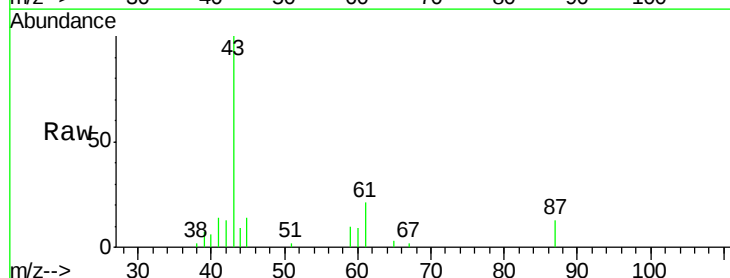
Instrument :
MSVOA_N
ClientSampled :

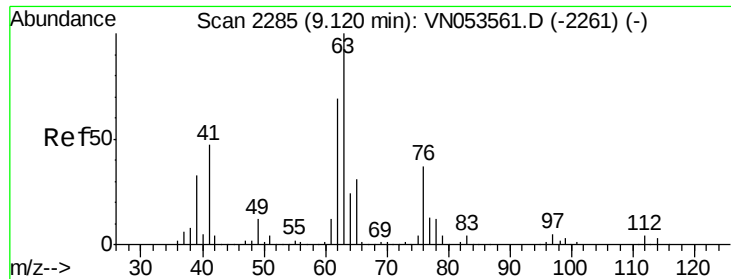
Tot Ion: 41 Resp: 1109
Ion Ratio Lower Upper
41 100
39 22.2 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.612 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 29278
Ion Ratio Lower Upper
43 100
61 18.3 23.9 35.9#
87 12.4 11.0 16.6





#45

1,2-Dichloropropane

Concen: 0.251 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

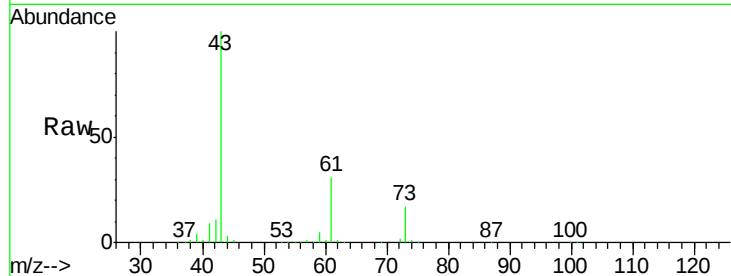
ClientSampled :

Tot Ion: 63 Resp: 2060

Ion Ratio Lower Upper

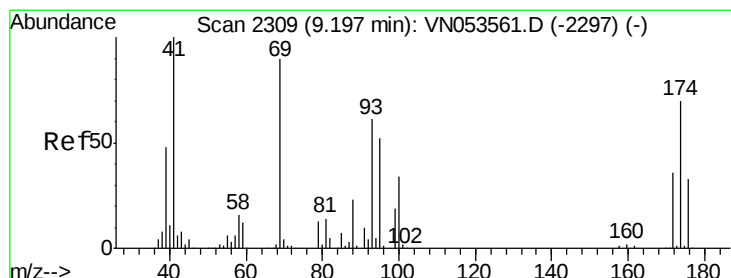
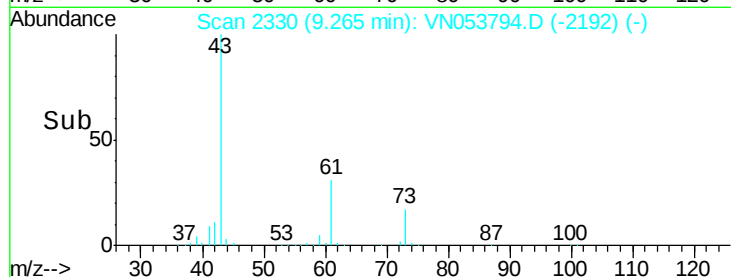
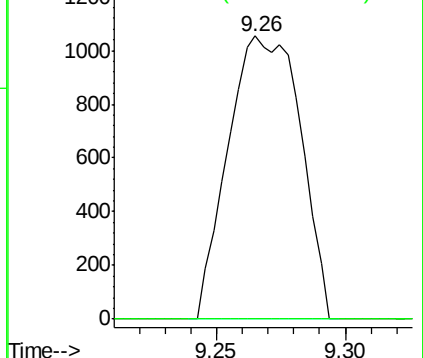
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.740 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

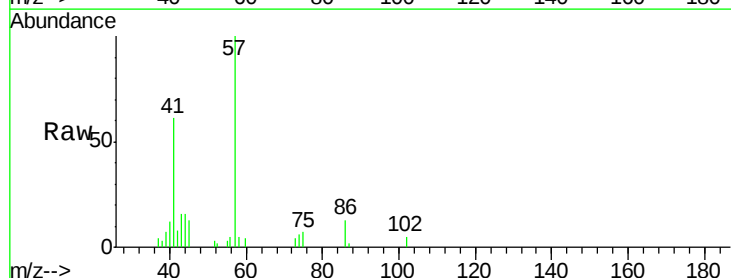
Tgt Ion: 41 Resp: 9310

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

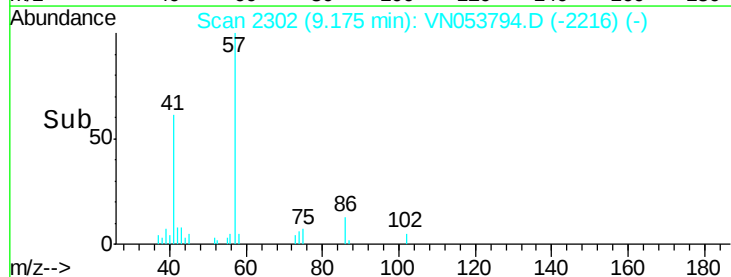
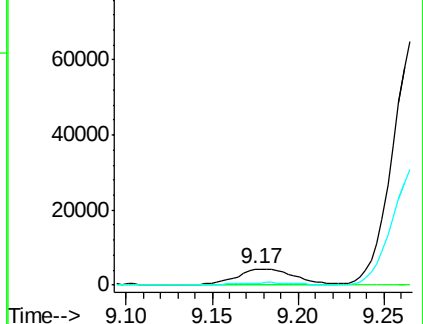
39 0.0 40.0 60.0#

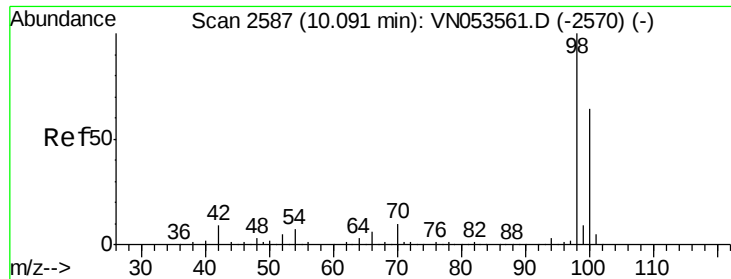


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 51.756 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

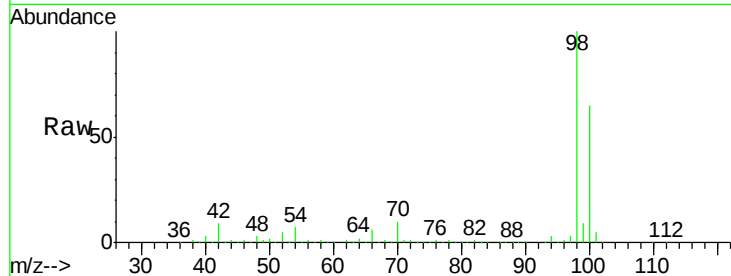
ClientSampleId :

Tot Ion: 98 Resp: 1415793

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

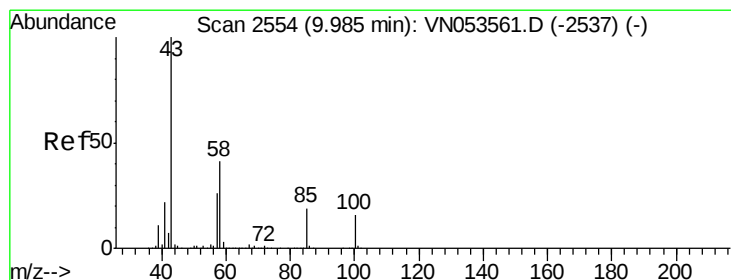
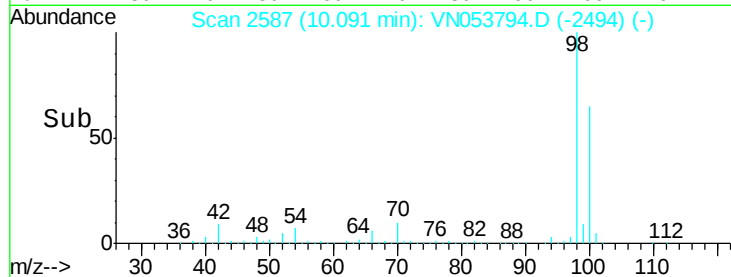
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.280 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053794.D

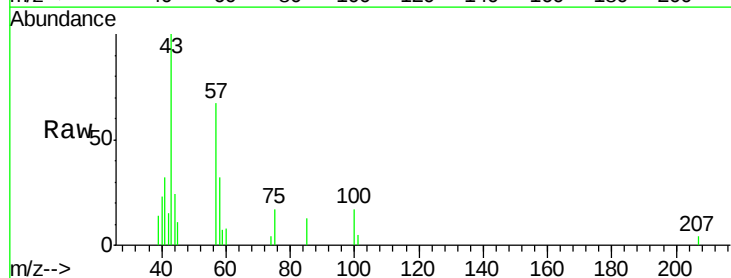
Acq: 15 Feb 2019 12:37

Tgt Ion: 43 Resp: 7050

Ion Ratio Lower Upper

43 100

58 40.0 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)

9.99

6000

5000

4000

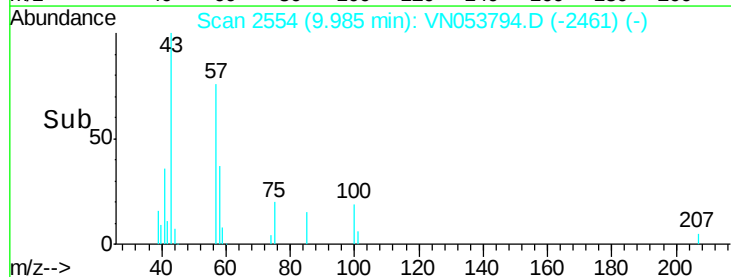
3000

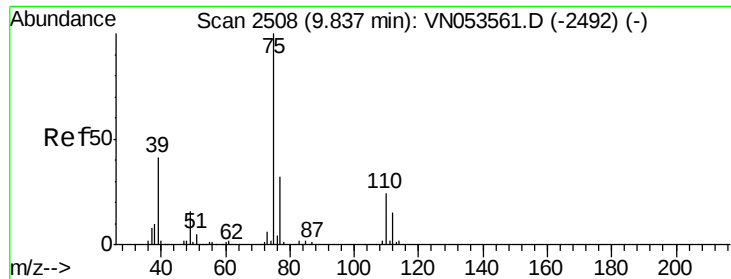
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.637 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

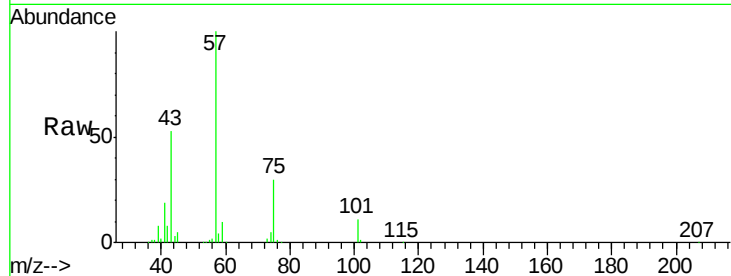
Tot Ion: 75 Resp: 68722

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

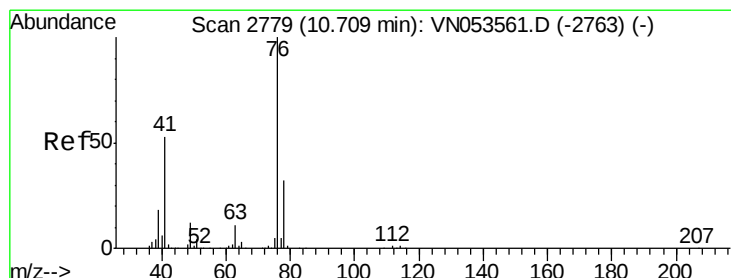
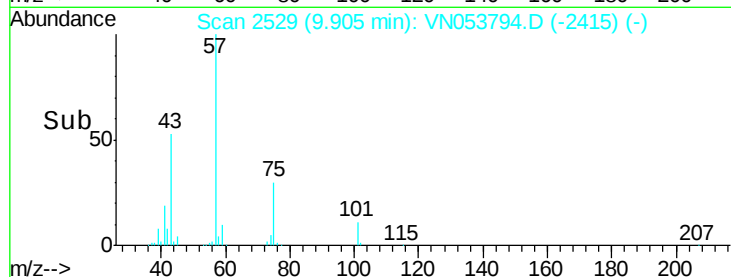
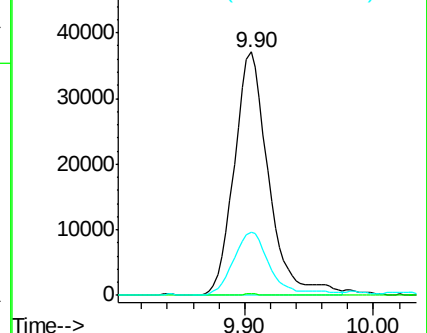
39 26.0 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.191 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053794.D

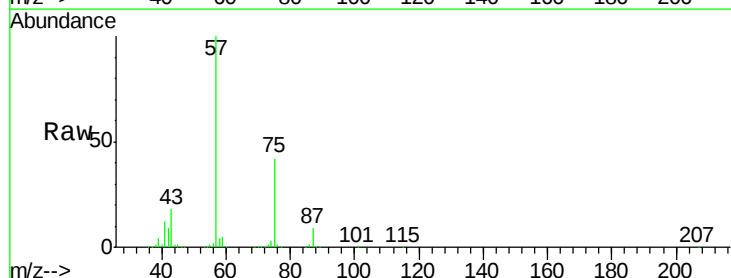
Acq: 15 Feb 2019 12:37

Tgt Ion: 76 Resp: 13953

Ion Ratio Lower Upper

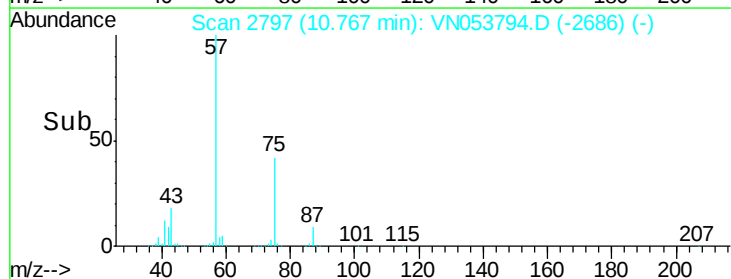
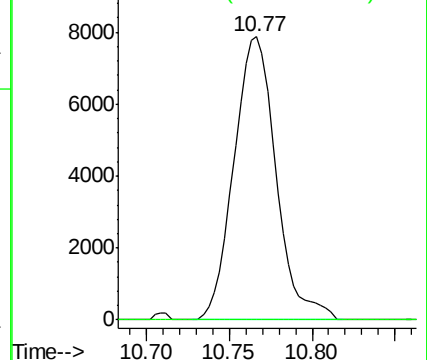
76 100

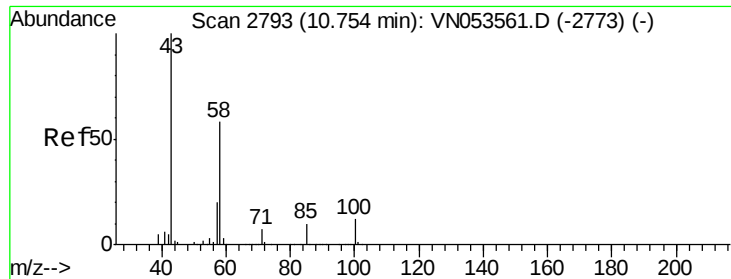
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

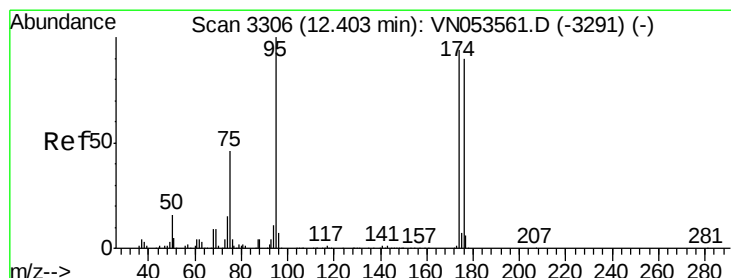
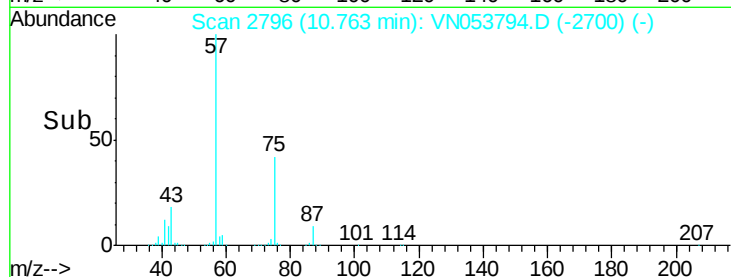
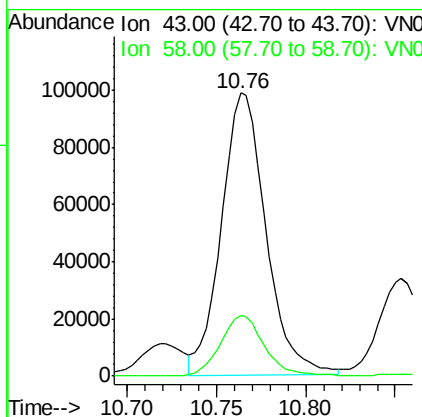
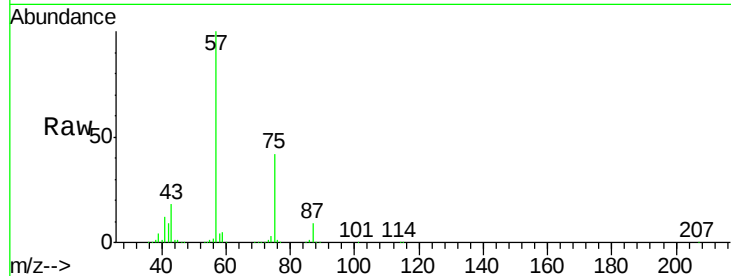




#59
2-Hexanone
Concen: 45.736 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

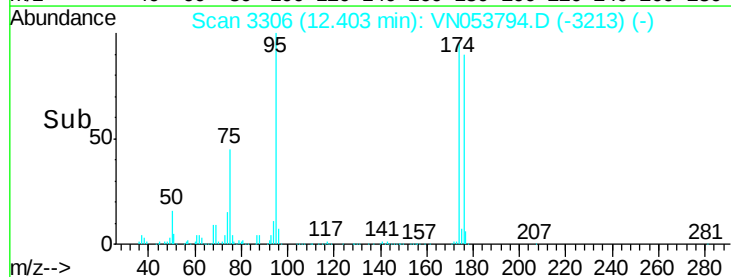
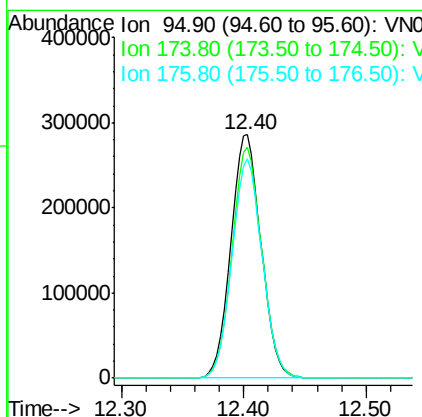
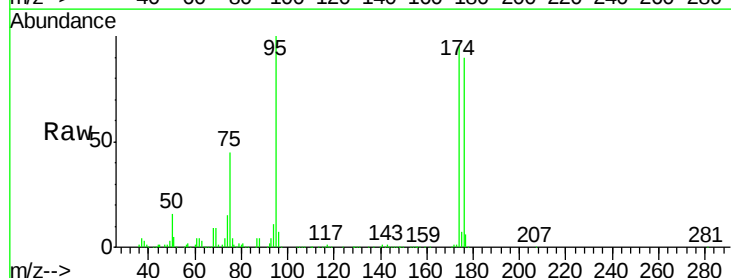
Instrument :
MSVOA_N
ClientSampled :

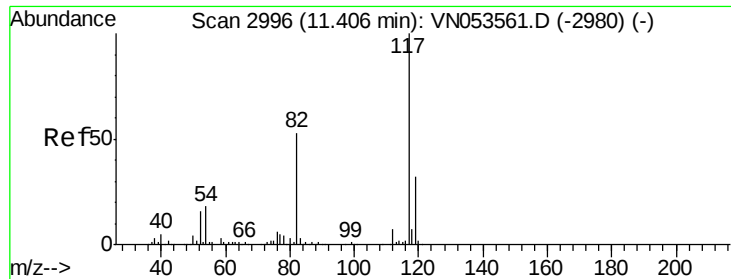
Tot Ion: 43 Resp: 171040
Ion Ratio Lower Upper
43 100
58 21.4 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 53.925 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Tgt Ion: 95 Resp: 491976
Ion Ratio Lower Upper
95 100
174 93.7 0.0 183.2
176 89.8 0.0 177.4

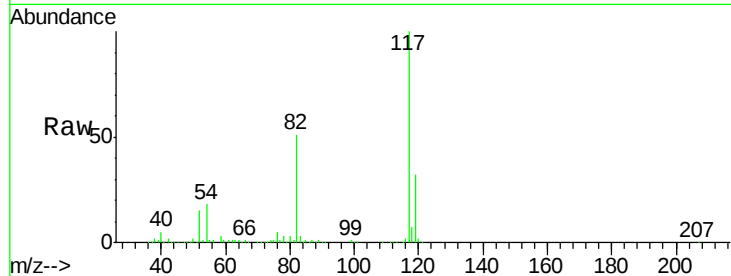




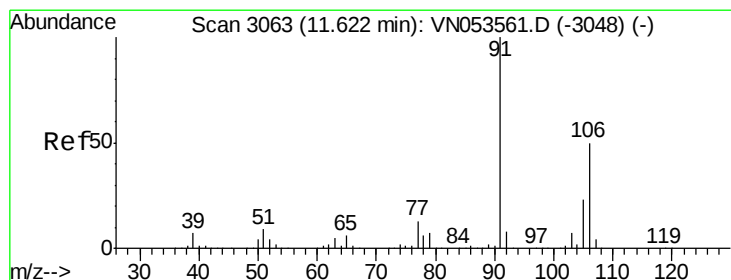
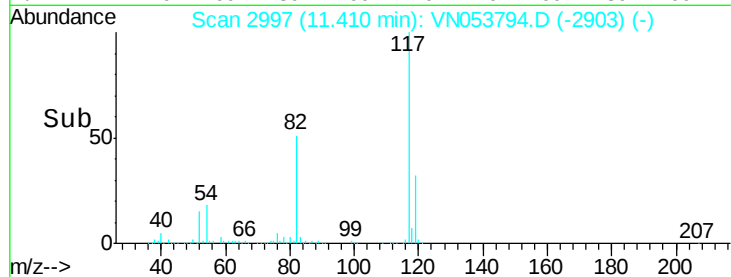
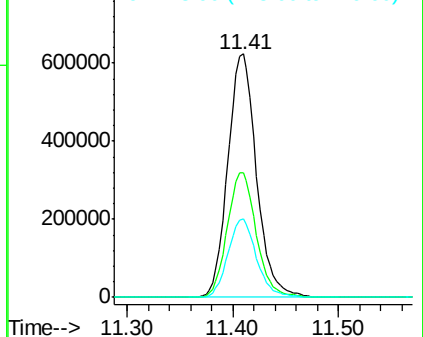
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1171408
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 32.0 26.0 39.0

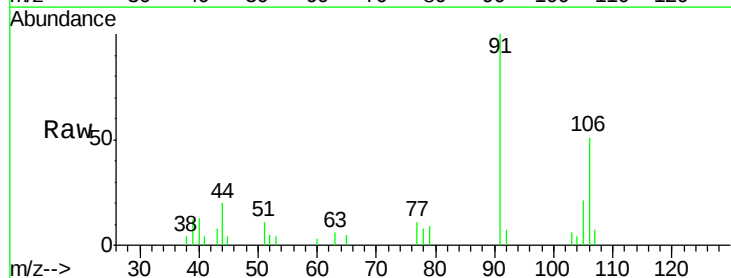


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

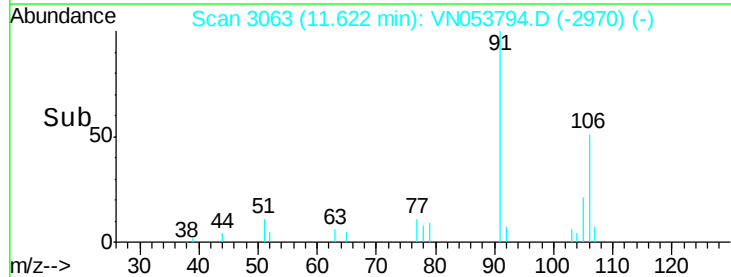
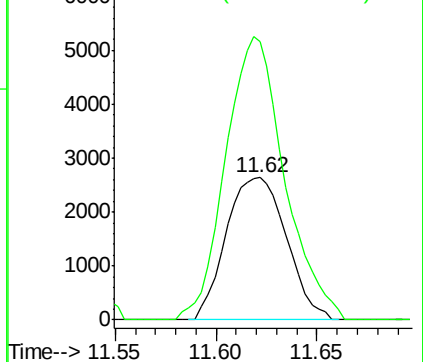


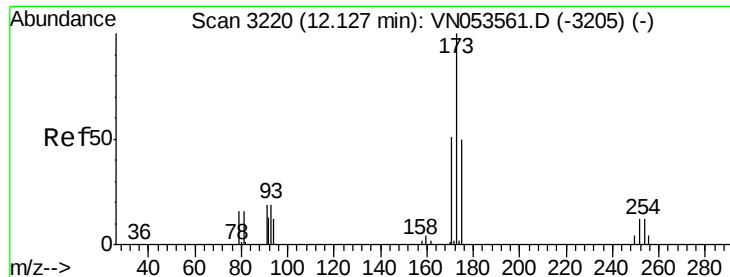
#68
m/p-Xylenes
Concen: 0.352 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053794.D
Acq: 15 Feb 2019 12:37

Tgt Ion:106 Resp: 5494
Ion Ratio Lower Upper
106 100
91 195.0 161.4 242.2



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





#71

Bromoform

Concen: 0.573 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

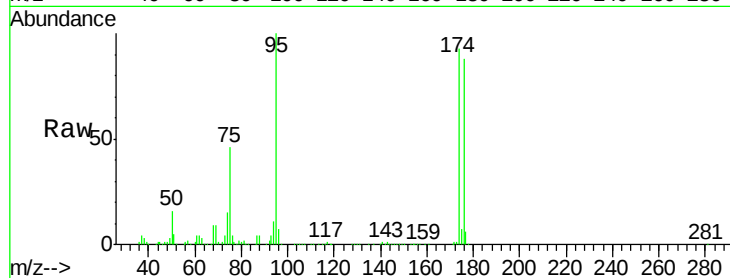
Tot Ion:173 Resp: 3412

Ion Ratio Lower Upper

173 100

175 838.2 24.6 74.0#

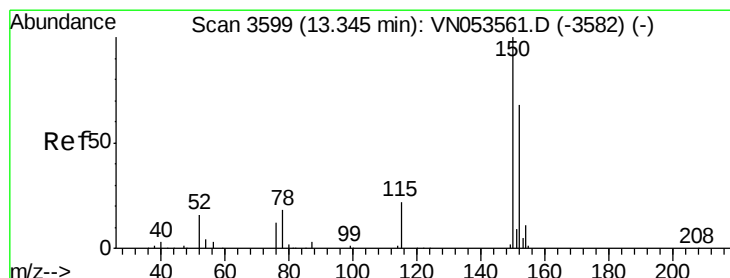
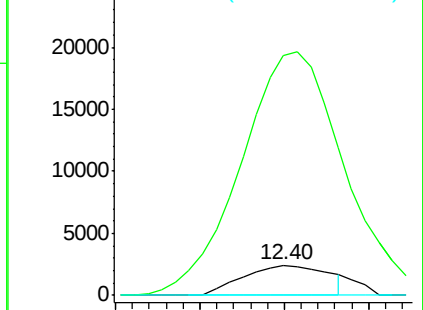
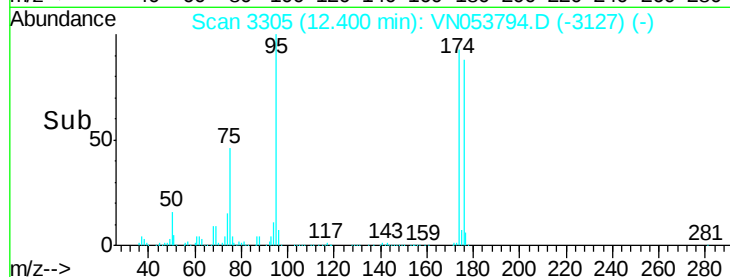
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

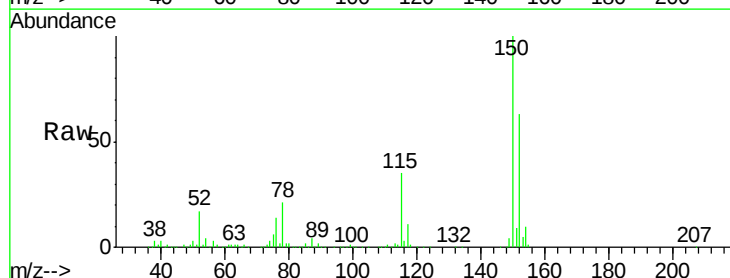
Tgt Ion:152 Resp: 442700

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

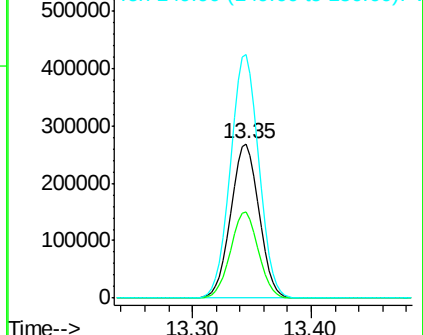
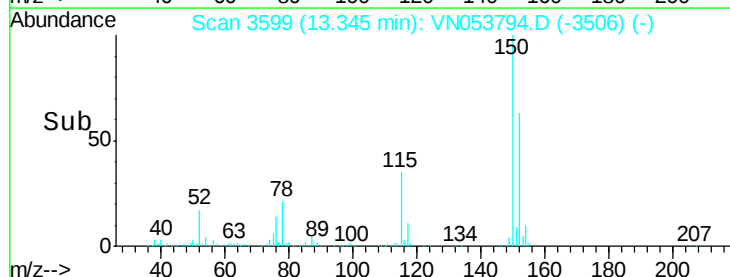
150 158.4 0.0 349.0

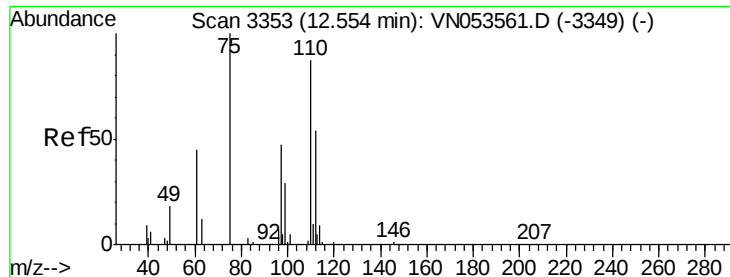


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.550 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

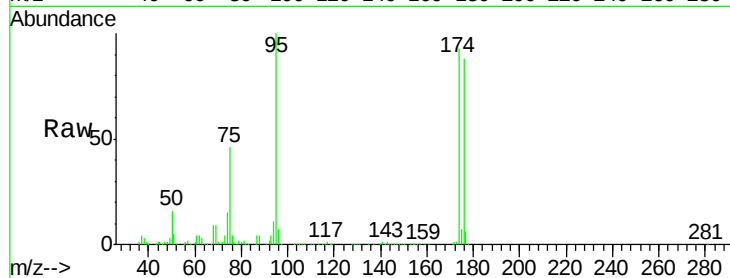
ClientSampled :

Tot Ion: 75 Resp: 224891

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3349) (-)

12.40

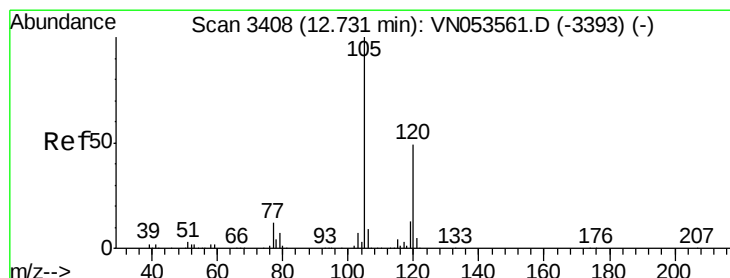
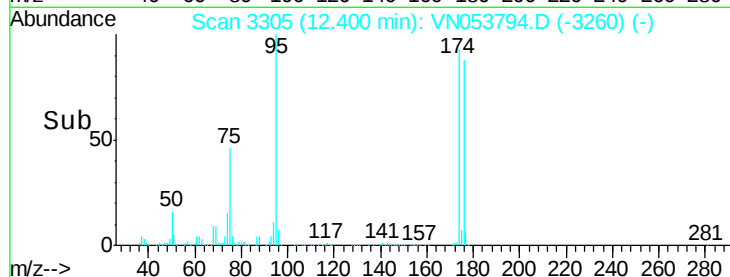
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.450 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053794.D

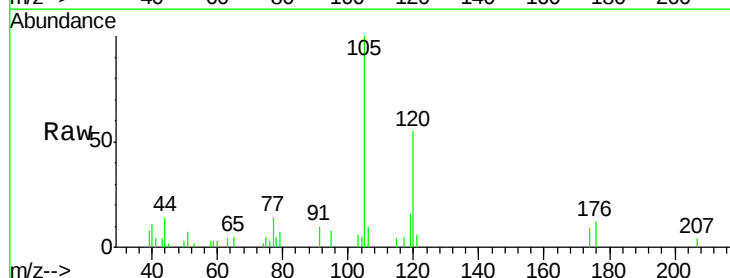
Acq: 15 Feb 2019 12:37

Tgt Ion: 105 Resp: 11615

Ion Ratio Lower Upper

105 100

120 51.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)

12.73

8000

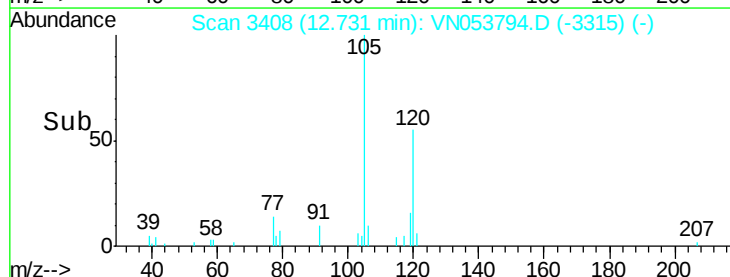
6000

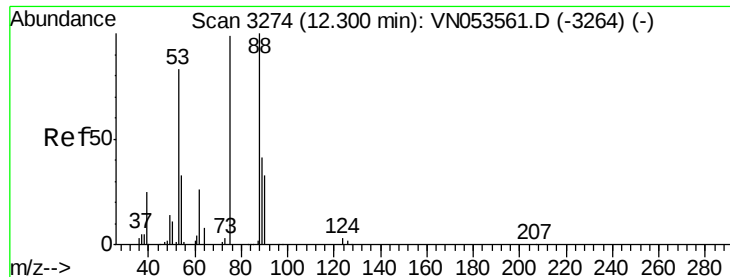
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 111.212 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053794.D

Acq: 15 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

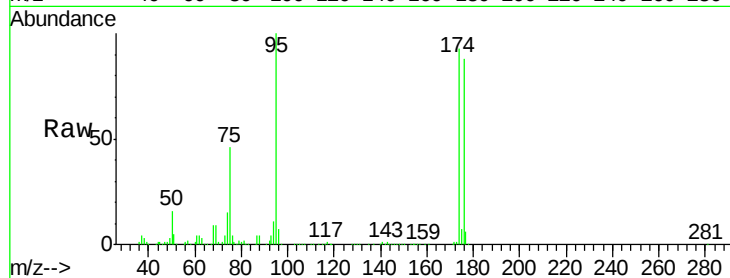
Tot Ion: 75 Resp: 224891

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053561.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053561.D (-3264) (-)

12.40

150000

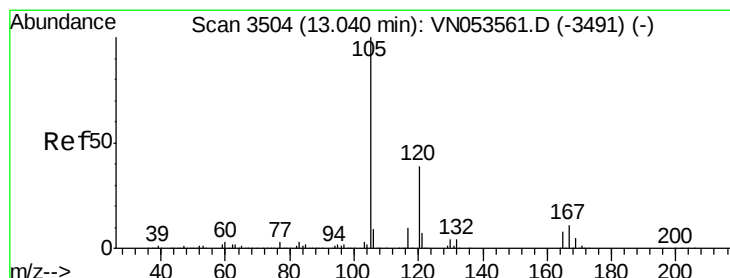
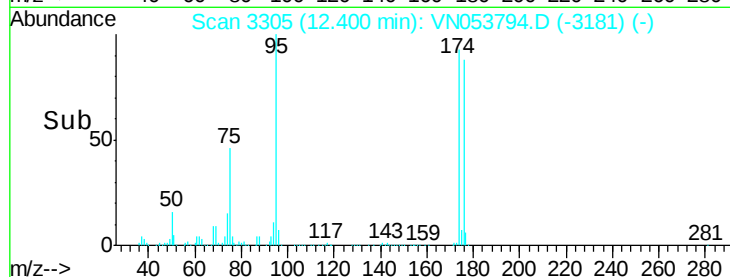
100000

50000

0

12.35 12.40 12.45

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.523 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053794.D

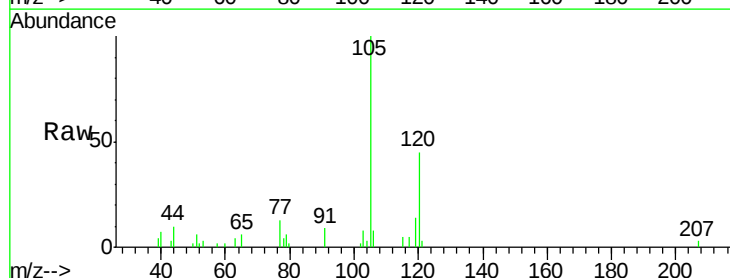
Acq: 15 Feb 2019 12:37

Tgt Ion: 105 Resp: 13754

Ion Ratio Lower Upper

105 100

120 47.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3491) (-)

13.04

10000

8000

6000

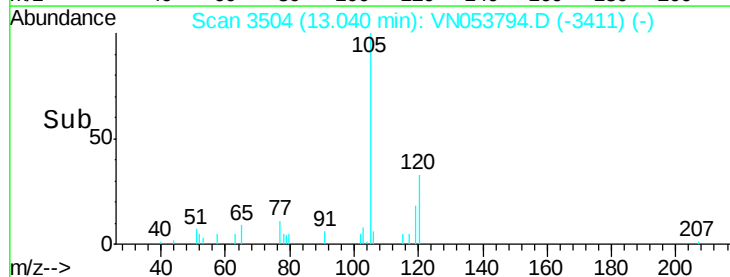
4000

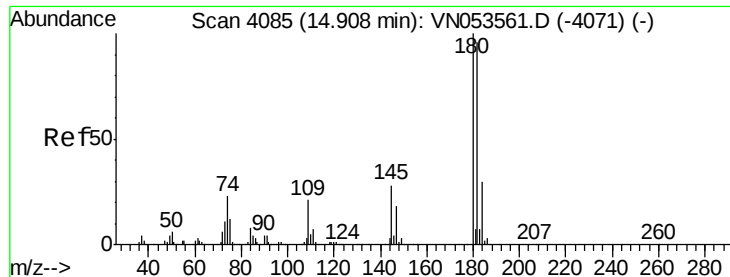
2000

0

13.00 13.05 13.10

Time-->

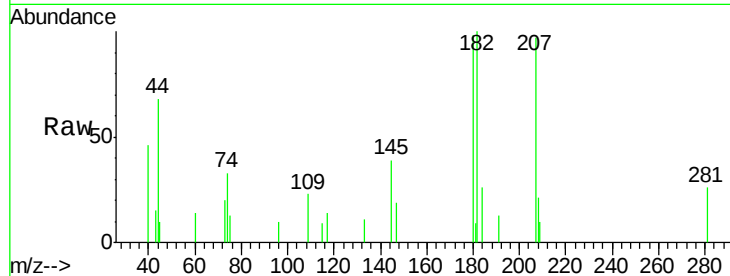




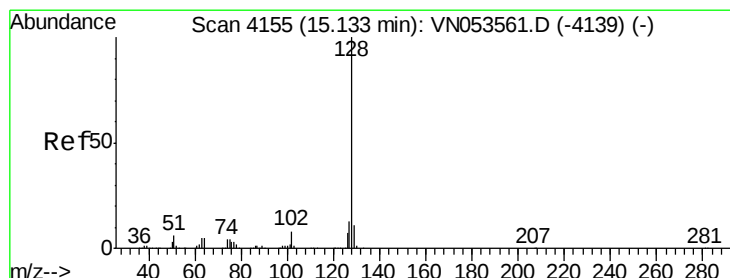
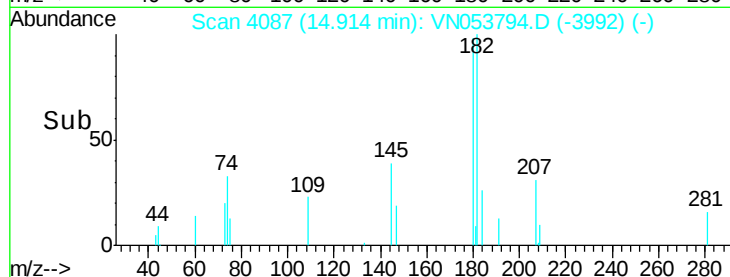
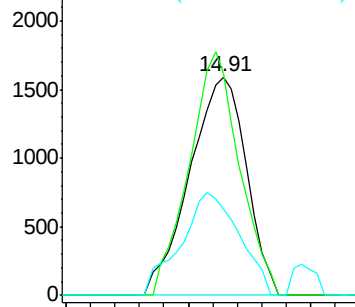
#93
 1,2,4-Trichlorobenzene
 Concen: 0.310 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2563
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.1 144.3
 145 48.6 13.9 41.6#

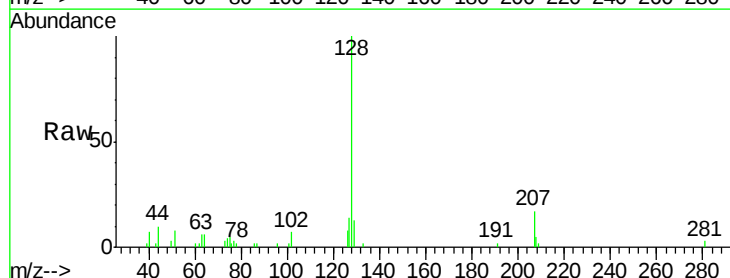


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

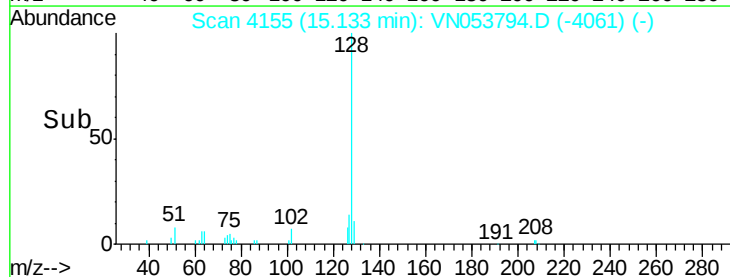
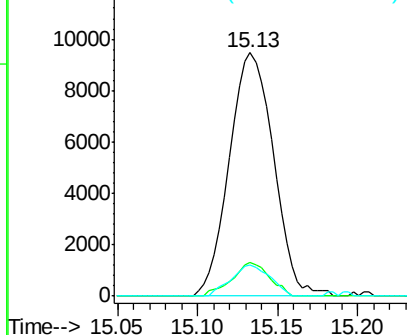


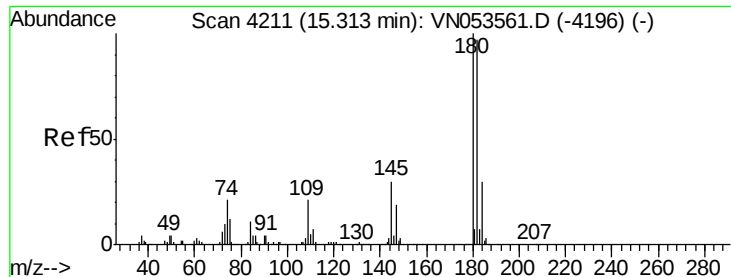
#95
 Naphthalene
 Concen: 2.625 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

Tgt Ion:128 Resp: 17901
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.3 15.5
 129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.411 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053794.D
 Acq: 15 Feb 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.9	143.8
145	41.2	14.7	44.1

