

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055712.D
 Acq On : 21 May 2019 16:18
 Operator : JC/SP
 Sample : K2959-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

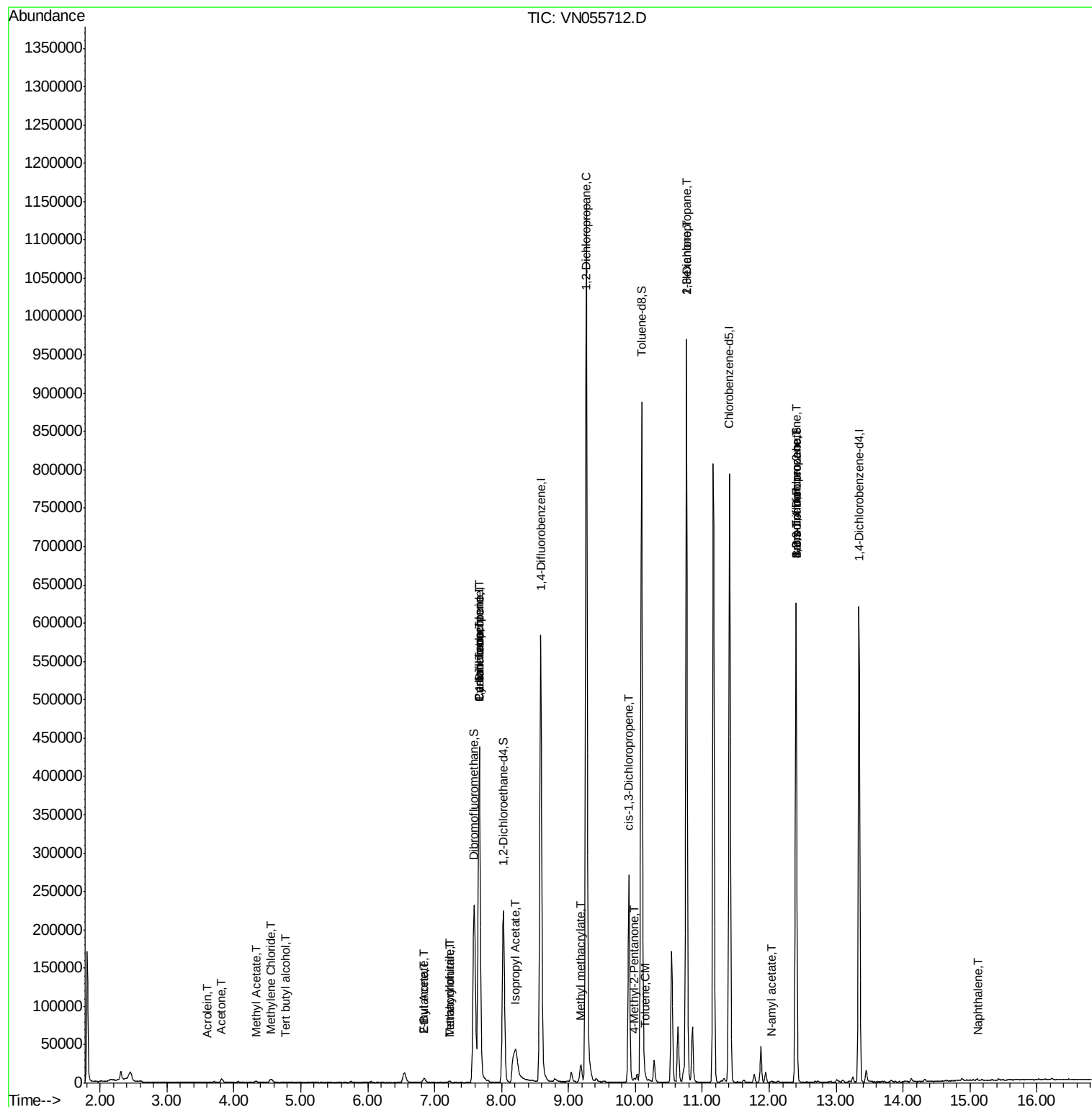
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	433457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	597596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187983	39.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.12%	
35) Dibromofluoromethane	7.59	113	181655	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.09	98	682598	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.40	95	214086	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.76	59	968	1.092	ug/l #	74
13) Acrolein	3.61	56	62	1.498	ug/l #	66
16) Acetone	3.82	43	9380	4.837	ug/l	96
18) Methyl Acetate	4.33	43	4229	1.017	ug/l #	85
20) Methylene Chloride	4.55	84	4048	0.915	ug/l	87
25) 2-Butanone	6.84	43	12212	4.504	ug/l	100
29) Tetrahydrofuran	7.22	42	1417	0.789	ug/l #	82
31) Cyclohexane	7.66	56	5725	0.812	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23709	4.450	ug/l #	48
37) Ethyl Acetate	6.84	43	12212	2.540	ug/l #	67
38) Carbon Tetrachloride	7.66	117	33697	5.919	ug/l #	15
41) Methacrylonitrile	7.22	41	1073	0.522	ug/l #	100
43) Isopropyl Acetate	8.20	43	88601	10.594	ug/l #	53
45) 1,2-Dichloropropane	9.27	63	1479	0.358	ug/l #	43
48) Methyl methacrylate	9.18	41	8832	2.363	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	3443	0.702	ug/l	99
52) Toluene	10.16	92	2176	0.221	ug/l	96
54) cis-1,3-Dichloropropene	9.91	75	56931	8.526	ug/l #	55
57) 1,3-Dichloropropane	10.76	76	10851	1.693	ug/l #	42
59) 2-Hexanone	10.76	43	137762	39.887	ug/l #	51
71) Bromoform	12.40	173	915	0.260	ug/l #	1
73) Isopropylbenzene	12.40	105	142	Below Cal	#	48
74) N-aryl acetate	12.03	43	2462	0.468	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	95708	25.047	ug/l #	100
79) 2-Chlorotoluene	12.59	91	259	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	644	Below Cal		81
81) trans-1,4-Dichloro-2-buten	12.40	75	95708	64.384	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.04	105	580	Below Cal		94
85) sec-Butylbenzene	13.17	105	107	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	123	Below Cal	#	51
95) Naphthalene	15.13	128	391	1.803	ug/l #	69

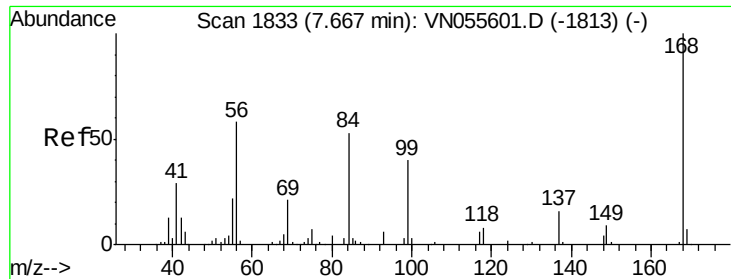
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

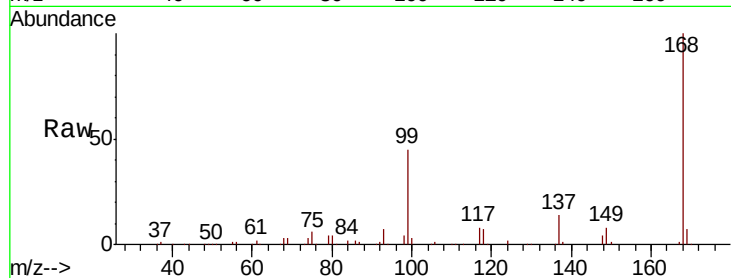
ClientSampleId :

Tot Ion:168 Resp: 433457

Ion Ratio Lower Upper

168 100

99 44.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055712.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055712.D (-1740) (-)

7.67

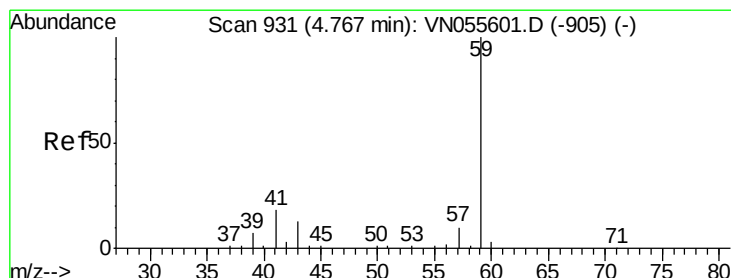
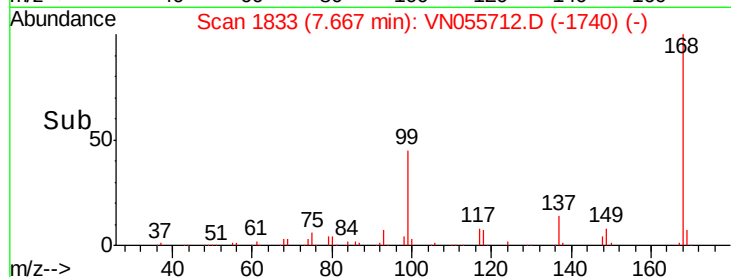
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.092 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN055712.D

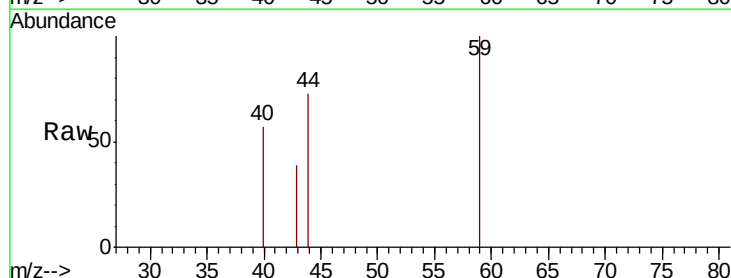
Acq: 21 May 2019 16:18

Tgt Ion: 59 Resp: 968

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055712.D (-838) (-)

Ion 57.00 (56.70 to 57.70): VN055712.D (-838) (-)

4.76

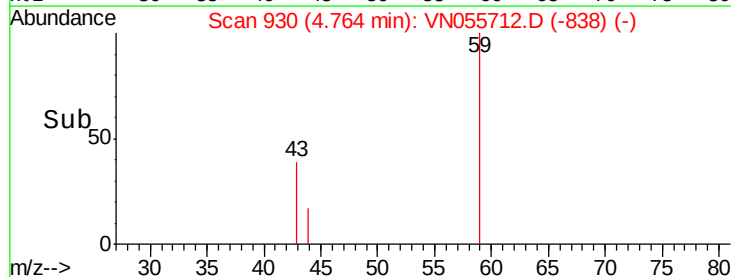
600

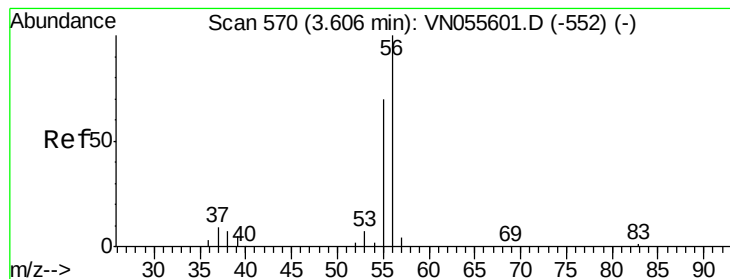
400

200

0

Time--> 4.72 4.74 4.76 4.78





#13

Acrolein

Concen: 1.498 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

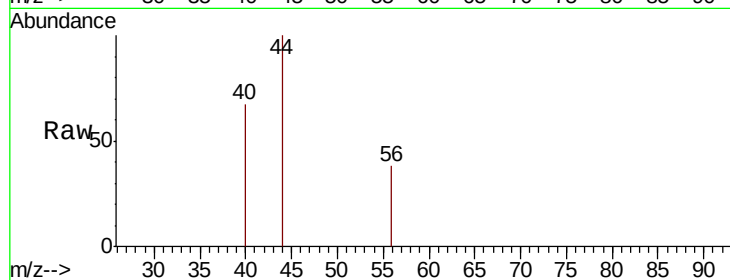
ClientSampled :

Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

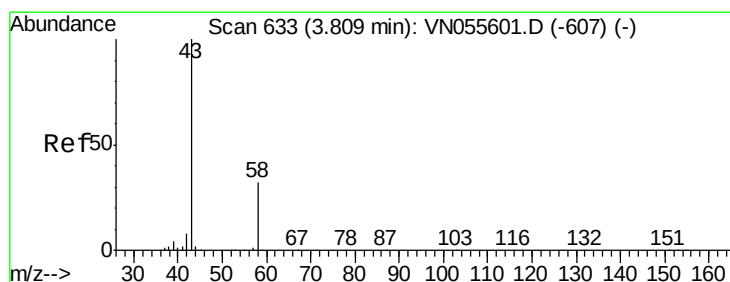
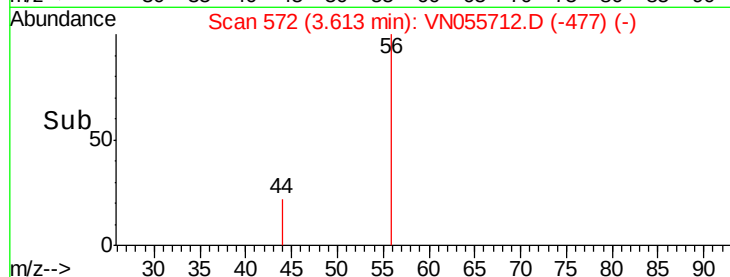
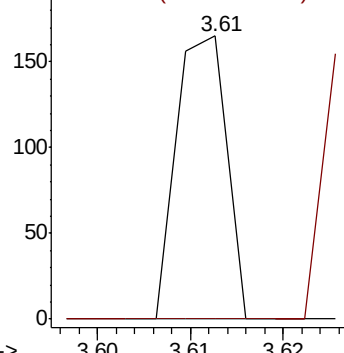
56 100

55 98.4 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 4.837 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055712.D

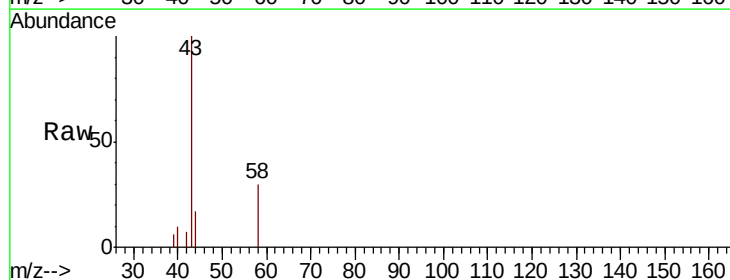
Acq: 21 May 2019 16:18

Tgt Ion: 43 Resp: 9380

Ion Ratio Lower Upper

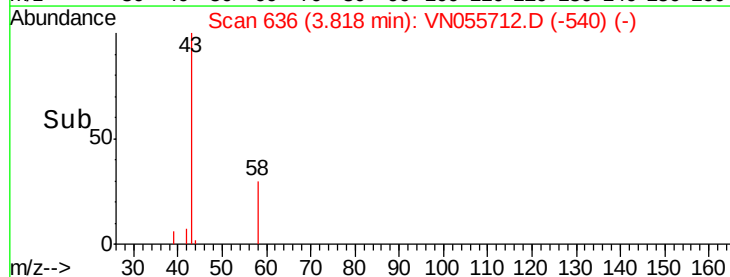
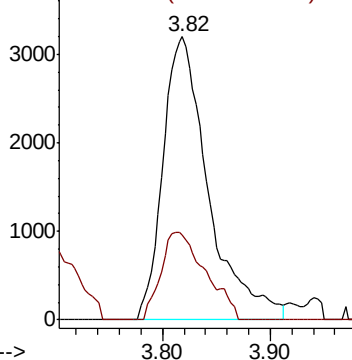
43 100

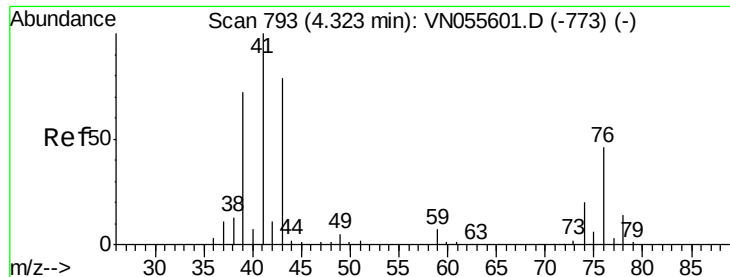
58 30.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 1.017 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

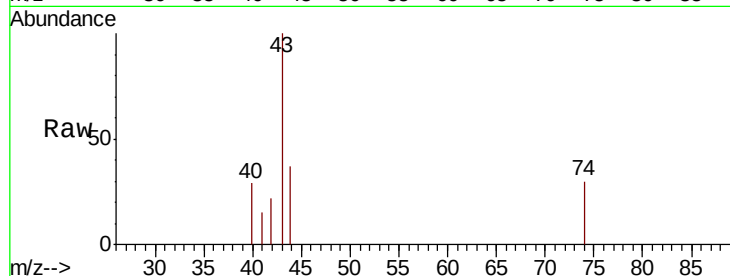
ClientSampled :

Tot Ion: 43 Resp: 4229

Ion Ratio Lower Upper

43 100

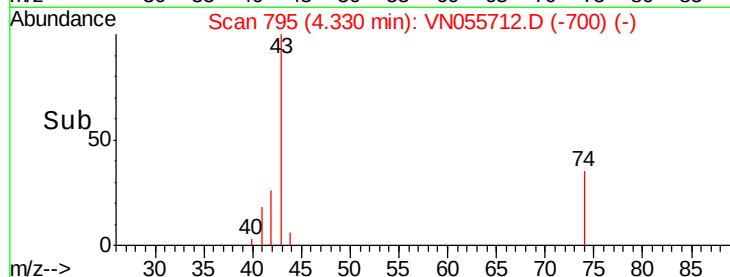
74 17.2 19.9 29.9#



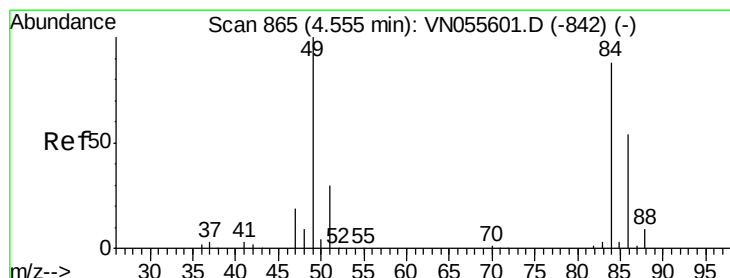
Abundance Ion 43.00 (42.70 to 43.70): VN055712.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055712.D (-773) (-)

Time-->



Time-->



#20

Methylene Chloride

Concen: 0.915 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Tgt Ion: 84 Resp: 4048

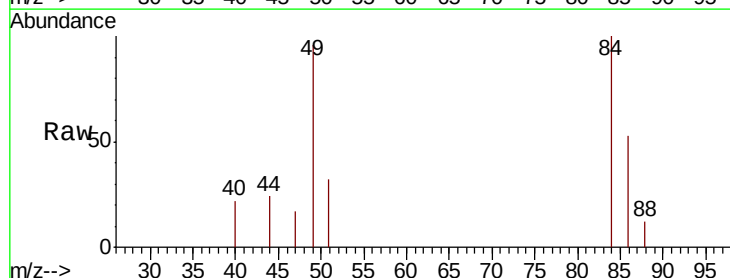
Ion Ratio Lower Upper

84 100

49 95.9 91.0 136.4

51 32.3 27.5 41.3

86 53.3 49.4 74.0



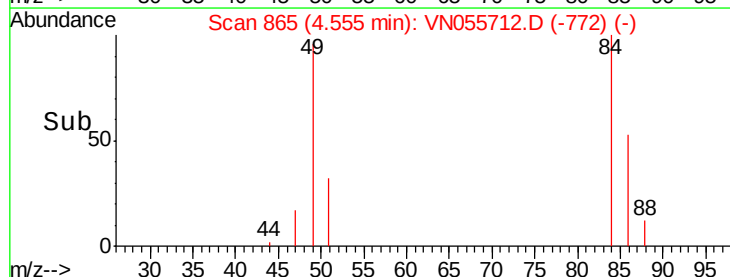
Abundance Ion 83.90 (83.60 to 84.60): VN055712.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN055712.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN055712.D (-772) (-)

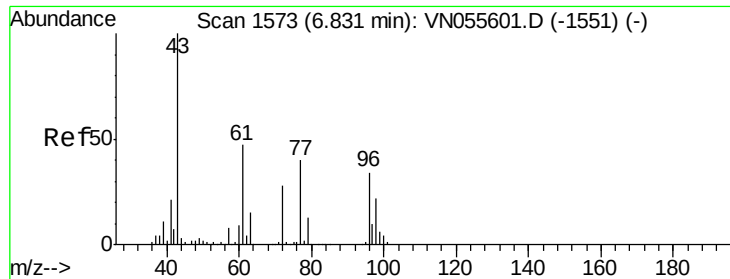
Ion 85.90 (85.60 to 86.60): VN055712.D (-772) (-)

Time-->



Time-->

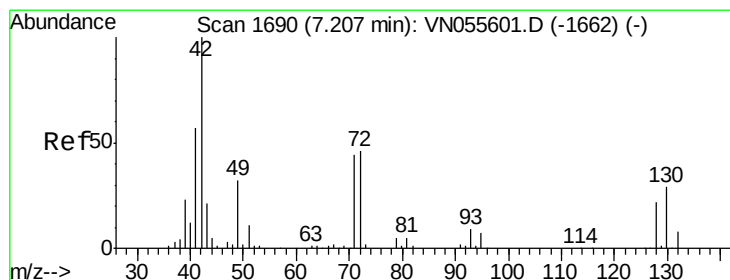
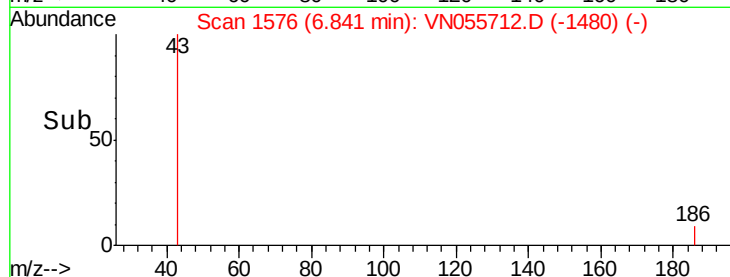
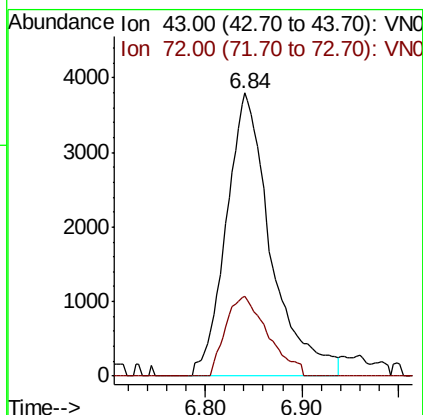
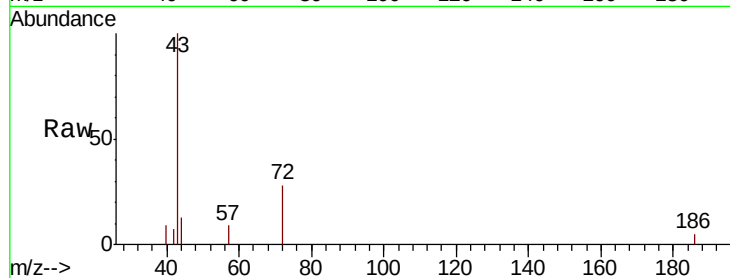
Time-->



#25
 2-Butanone
 Concen: 4.504 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VN055712.D
 Acq: 21 May 2019 16:18

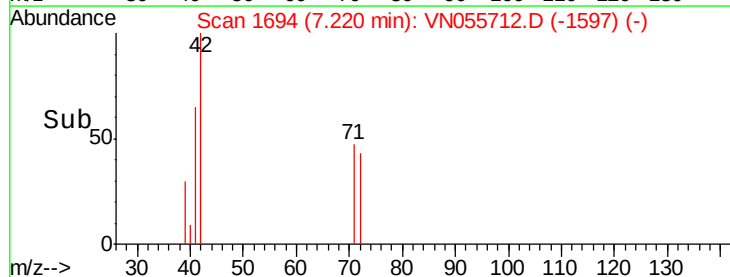
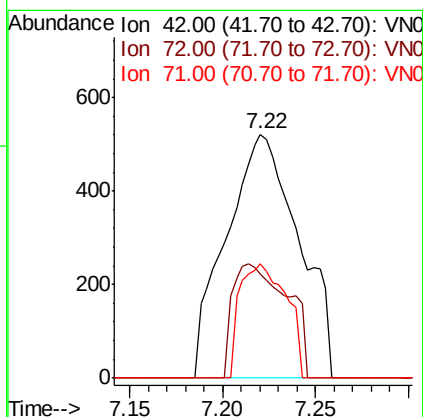
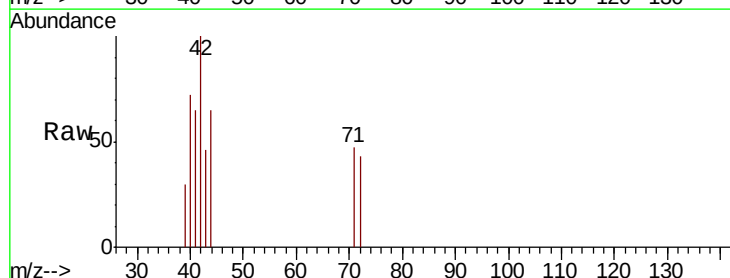
Instrument :
 MSVOA_N
 ClientSampleId :

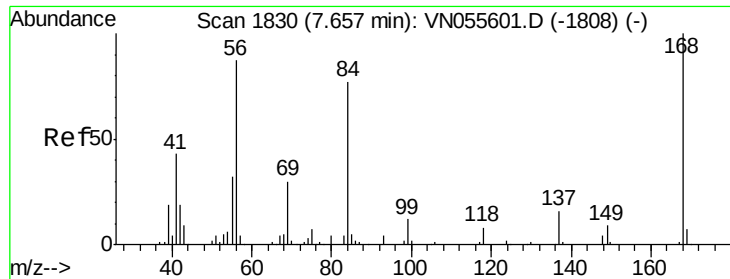
Tot Ion: 43 Resp: 12212
 Ion Ratio Lower Upper
 43 100
 72 28.1 22.3 33.5



#29
 Tetrahydrofuran
 Concen: 0.789 ug/l
 RT: 7.22 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VN055712.D
 Acq: 21 May 2019 16:18

Tgt Ion: 42 Resp: 1417
 Ion Ratio Lower Upper
 42 100
 72 35.5 36.5 54.7#
 71 30.1 34.9 52.3#

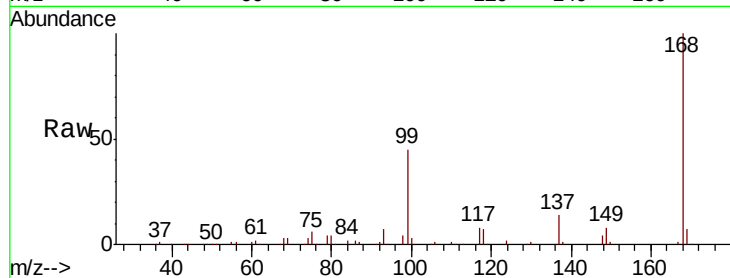




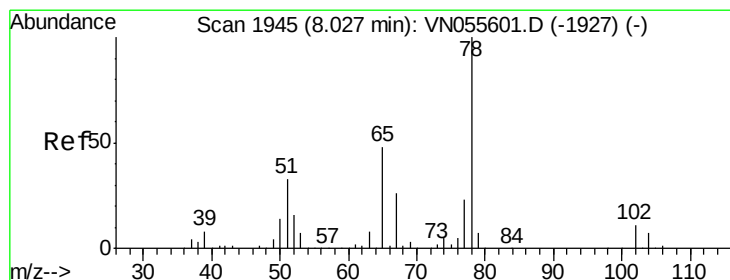
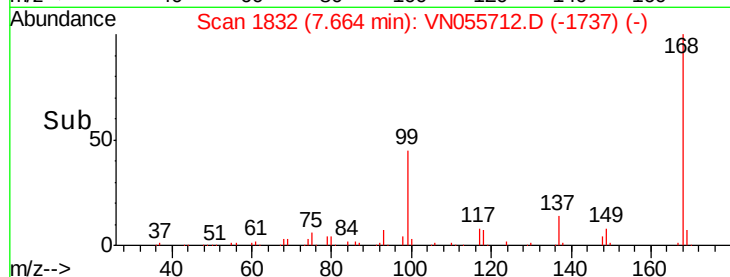
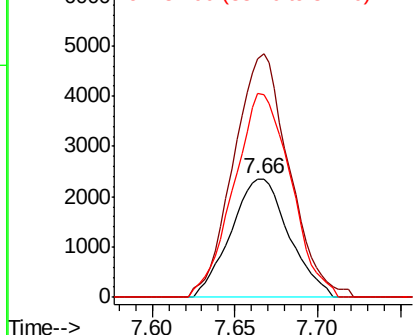
#31
Cyclohexane
Concen: 0.812 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5725
Ion Ratio Lower Upper
56 100
69 201.9 27.2 40.8#
84 172.0 71.3 106.9#

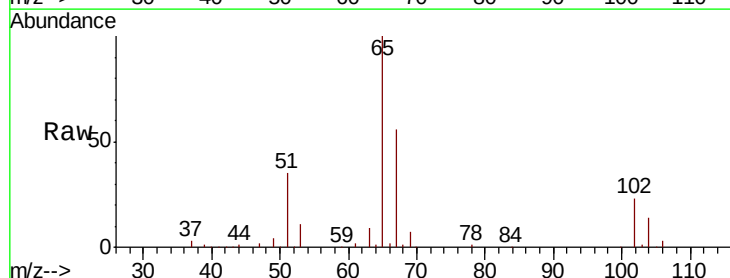


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

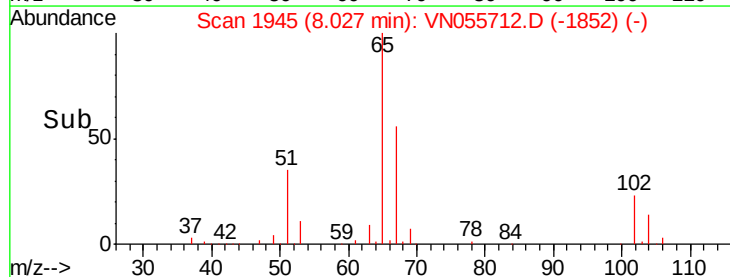
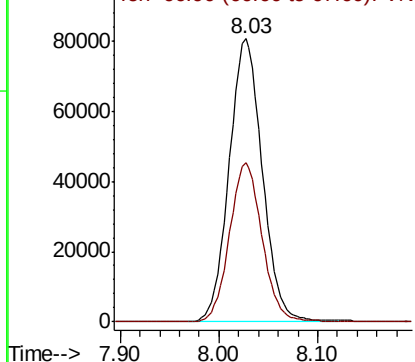


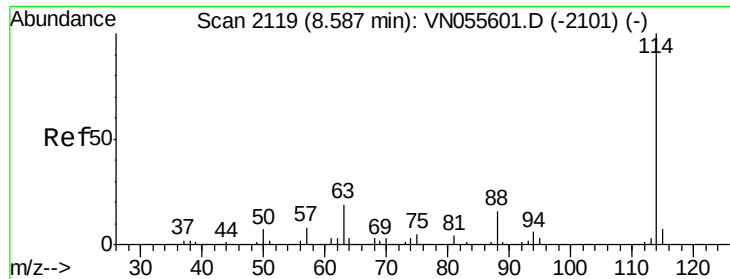
#33
1,2-Dichloroethane-d4
Concen: 39.562 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Tgt Ion: 65 Resp: 187983
Ion Ratio Lower Upper
65 100
67 55.2 0.0 108.6



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

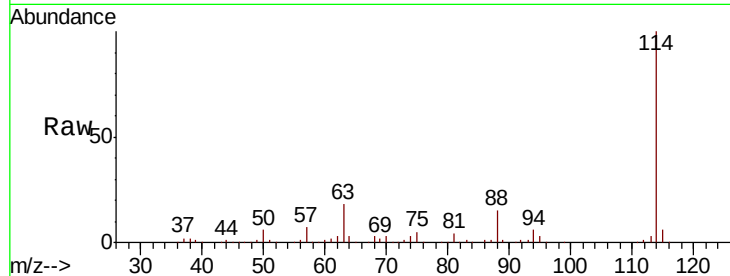
Tot Ion:114 Resp: 597596

Ion Ratio Lower Upper

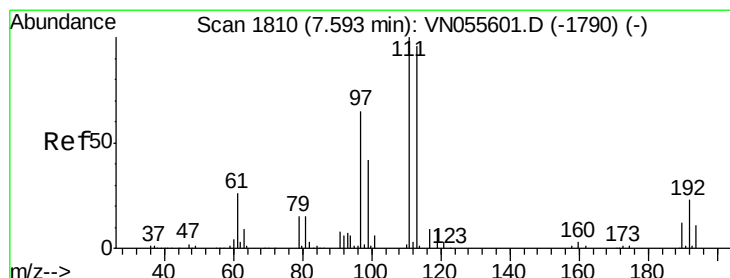
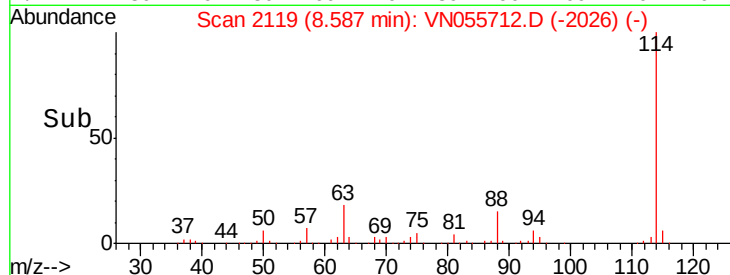
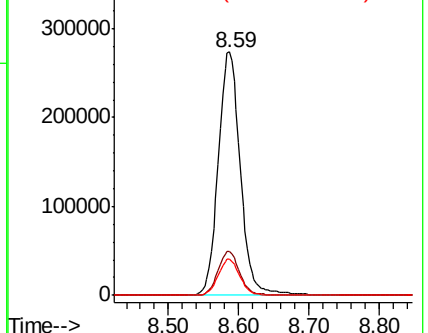
114 100

63 17.8 0.0 38.2

88 14.9 0.0 31.0



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: 47.852 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

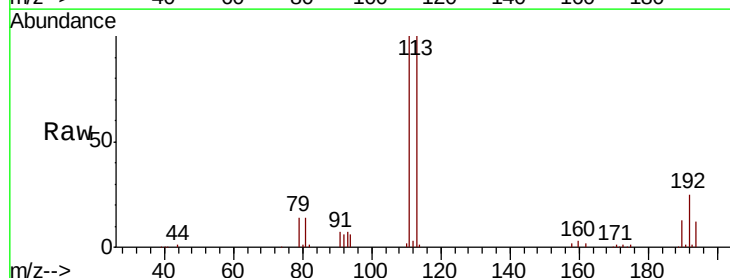
Tgt Ion:113 Resp: 181655

Ion Ratio Lower Upper

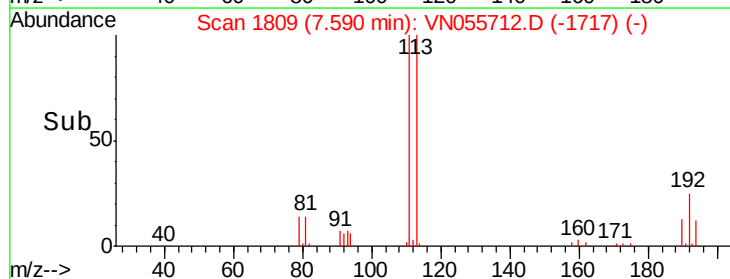
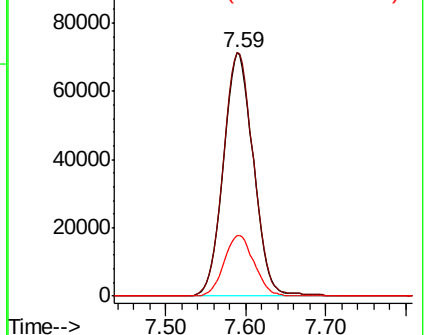
113 100

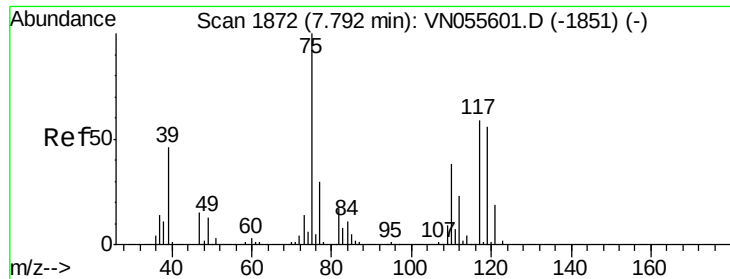
111 101.6 82.5 123.7

192 24.9 18.7 28.1



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

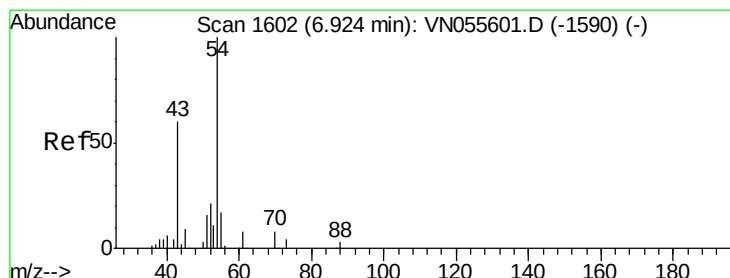
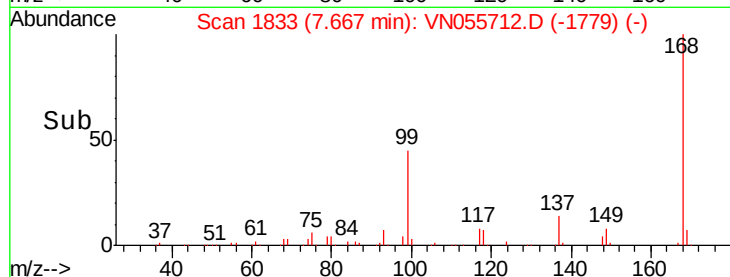
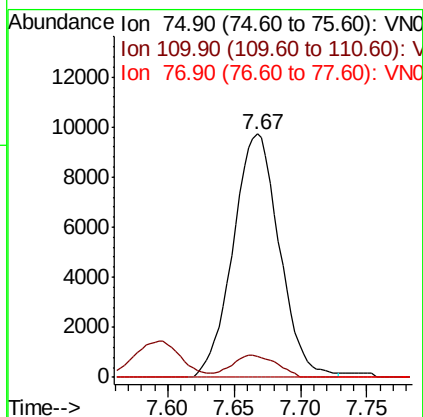
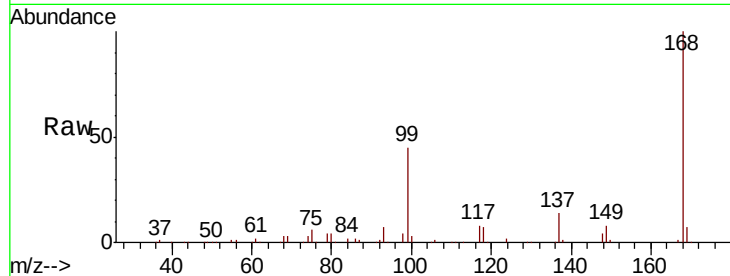




#36
 1,1-Dichloropropene
 Concen: 4.450 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055712.D
 Acq: 21 May 2019 16:18

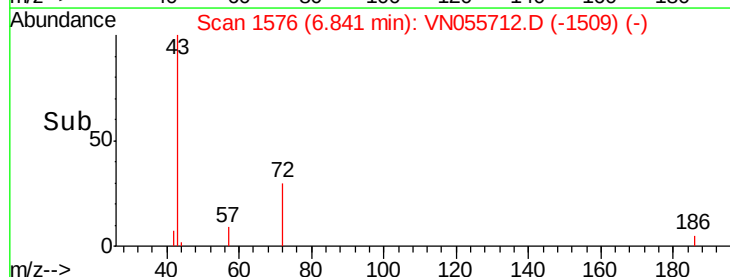
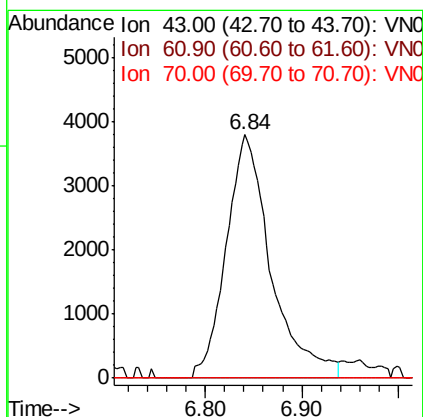
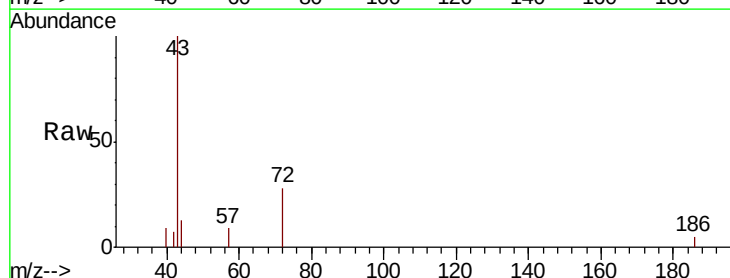
Instrument :
 MSVOA_N
 ClientSampleId :

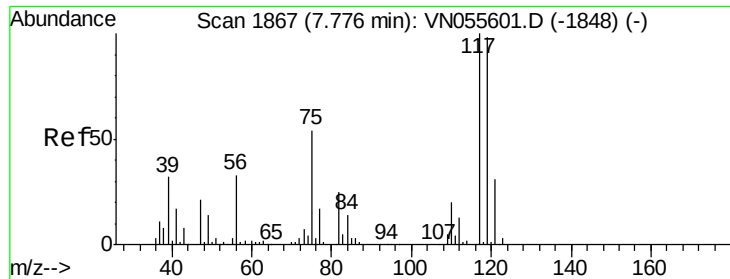
Tot Ion: 75 Resp: 23709
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.6#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 2.540 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.08 min
 Lab File: VN055712.D
 Acq: 21 May 2019 16:18

Tgt Ion: 43 Resp: 12212
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

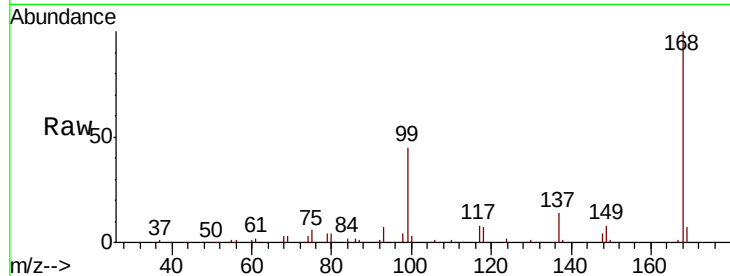
Tot Ion: 117 Resp: 33697

Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.8#

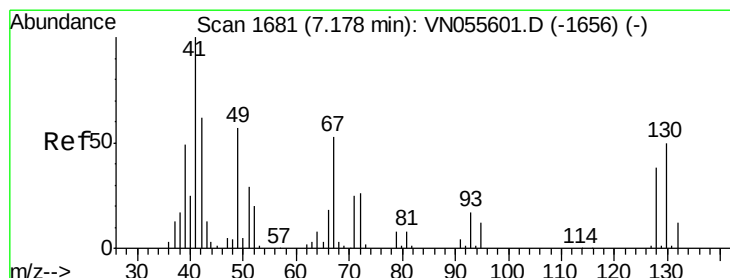
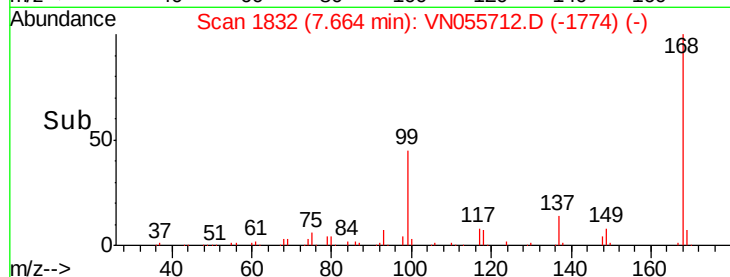
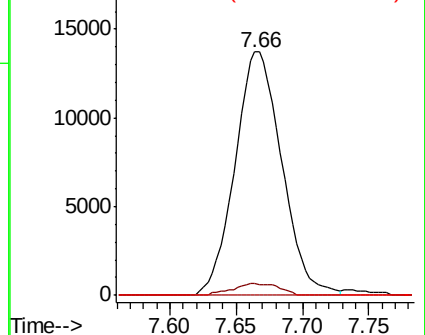
121 0.0 24.6 37.0#



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: 0.522 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Tgt Ion: 41 Resp: 1073

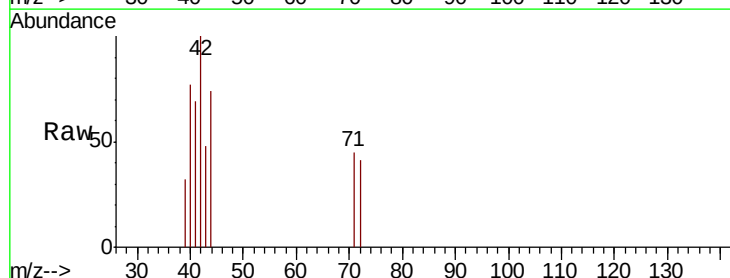
Ion Ratio Lower Upper

41 100

39 5.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

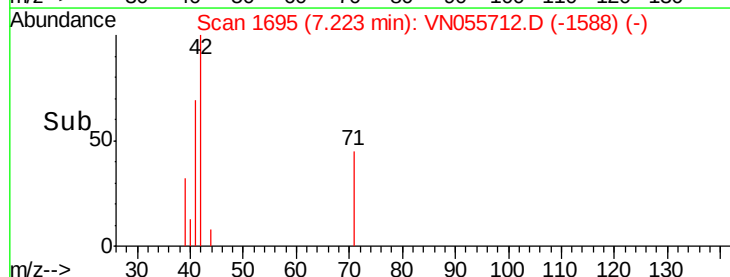
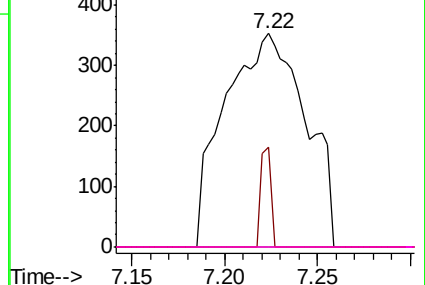


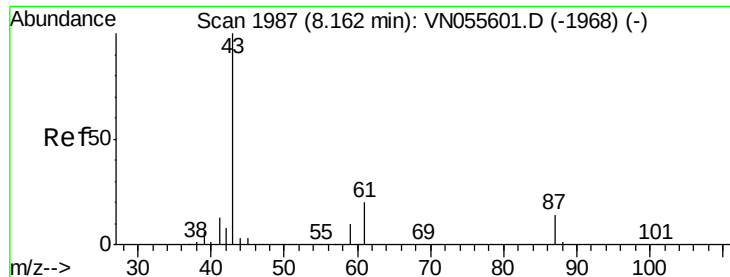
Abundance Ion 41.00 (40.70 to 41.70): V

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: 10.594 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

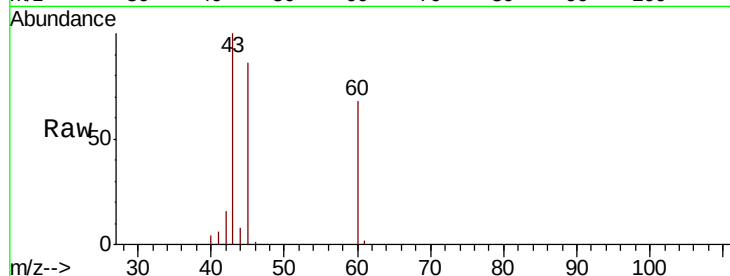
Tot Ion: 43 Resp: 88601

Ion Ratio Lower Upper

43 100

61 0.0 22.1 33.1#

87 0.0 11.8 17.6#

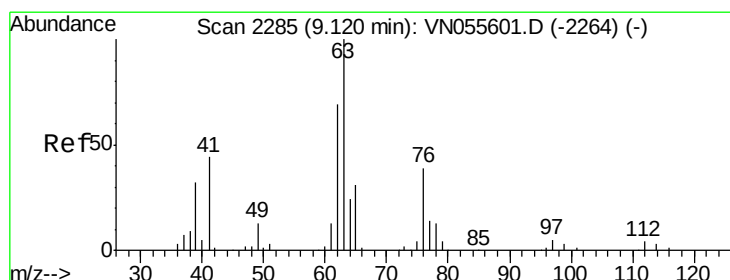
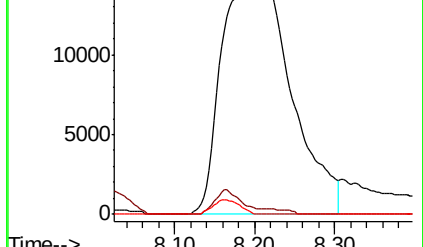
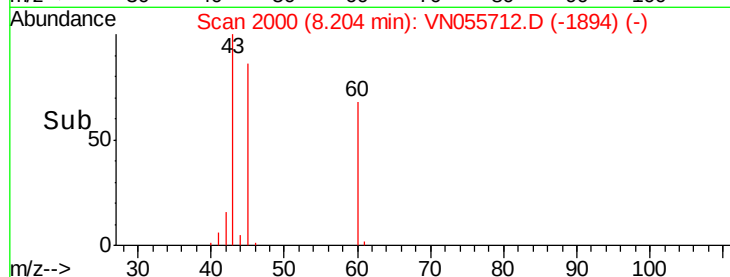


Abundance Ion 43.00 (42.70 to 43.70): VN055712.D (-2000) (-)

Ion 61.00 (60.70 to 61.70): VN055712.D (-2000) (-)

Ion 87.00 (86.70 to 87.70): VN055712.D (-2000) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.358 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055712.D

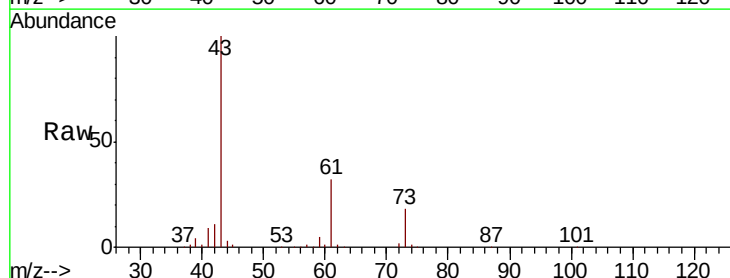
Acq: 21 May 2019 16:18

Tgt Ion: 63 Resp: 1479

Ion Ratio Lower Upper

63 100

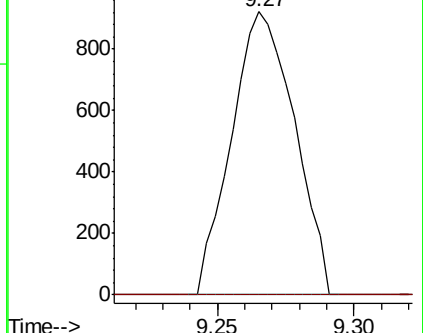
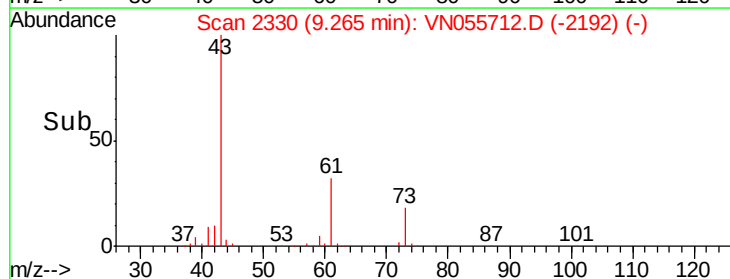
65 0.0 25.2 37.8#

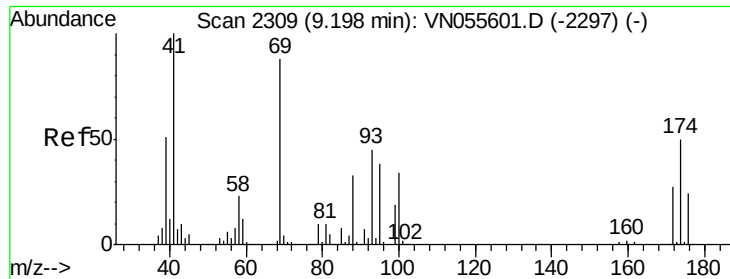


Abundance Ion 62.90 (62.60 to 63.60): VN055712.D (-2330) (-)

Ion 64.90 (64.60 to 65.60): VN055712.D (-2330) (-)

Time-->

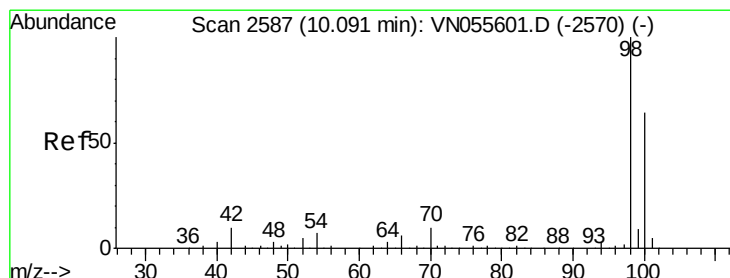
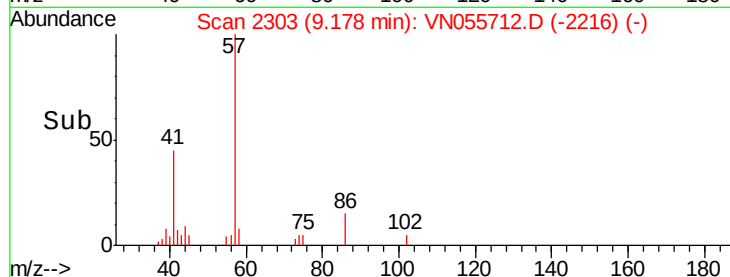
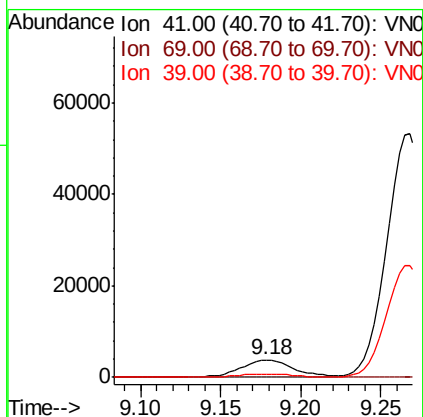
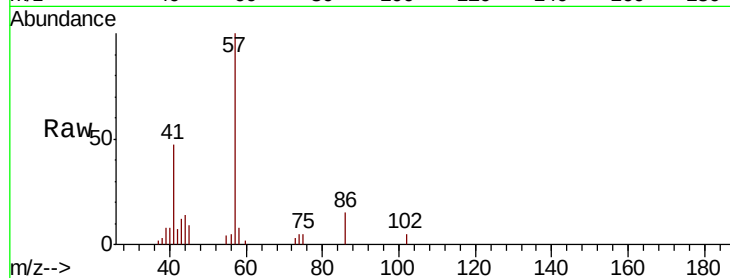




#48
Methvl methacrylate
Concen: 2.363 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

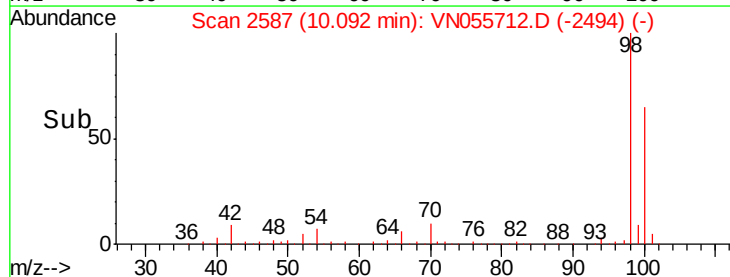
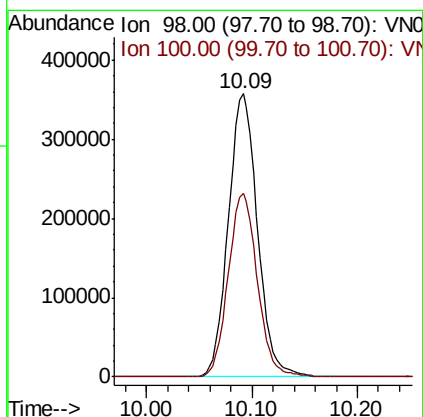
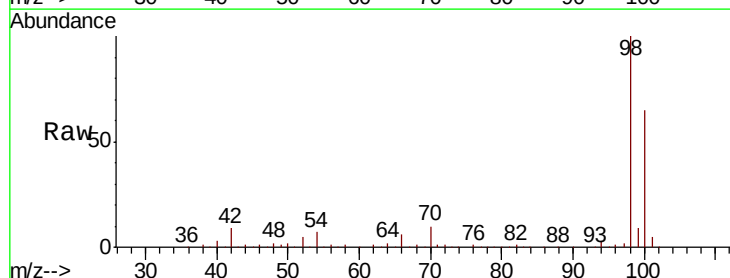
Instrument :
MSVOA_N
ClientSampleId :

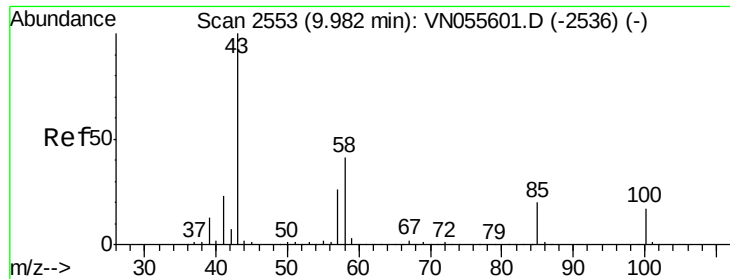
Tot Ion: 41 Resp: 8832
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 20.5 43.8 65.8#



#50
Toluene-d8
Concen: 47.555 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Tgt Ion: 98 Resp: 682598
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.702 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

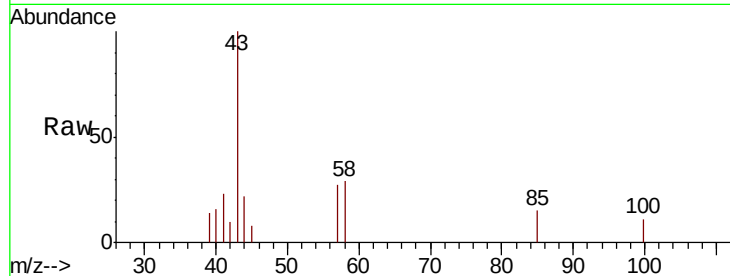
ClientSampled :

Tot Ion: 43 Resp: 3443

Ion Ratio Lower Upper

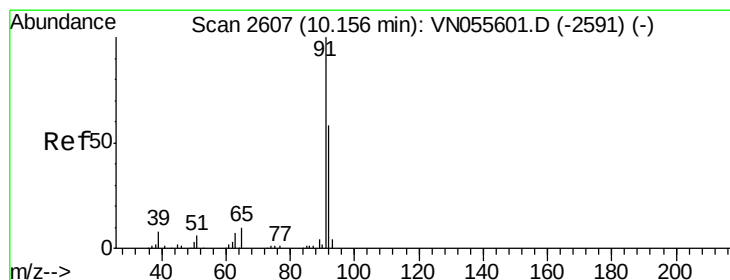
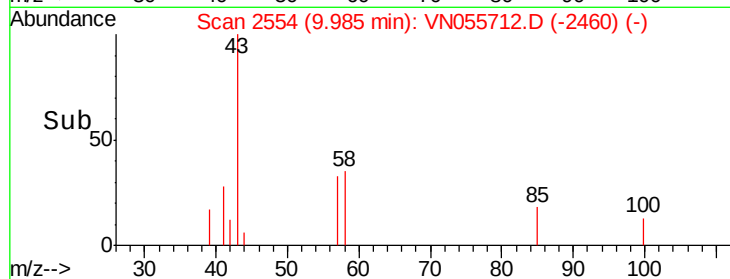
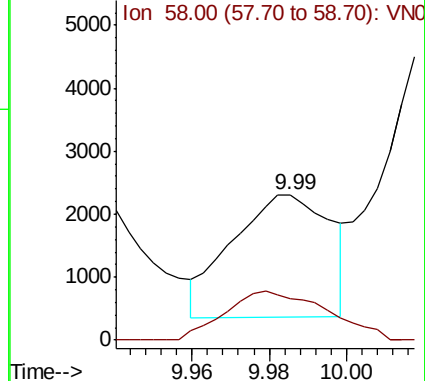
43 100

58 41.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)



#52

Toluene

Concen: 0.221 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055712.D

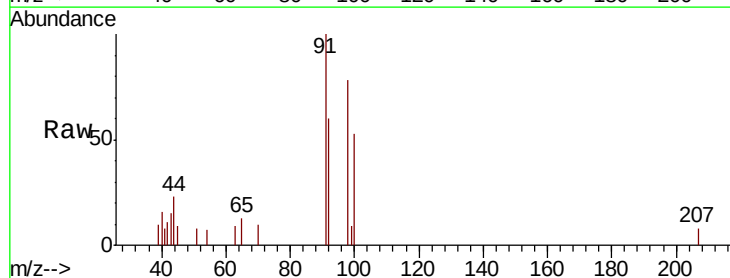
Acq: 21 May 2019 16:18

Tgt Ion: 92 Resp: 2176

Ion Ratio Lower Upper

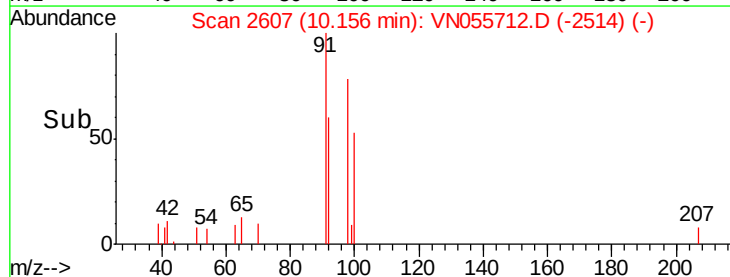
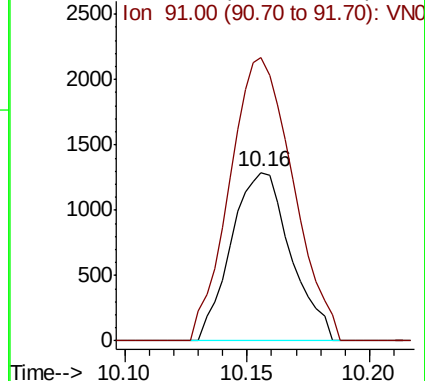
92 100

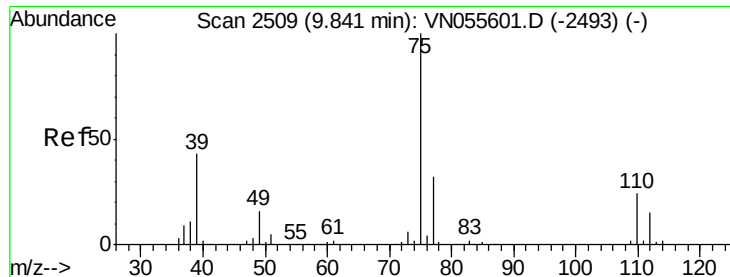
91 179.5 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)





#54

cis-1,3-Dichloropropene

Concen: 8.526 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

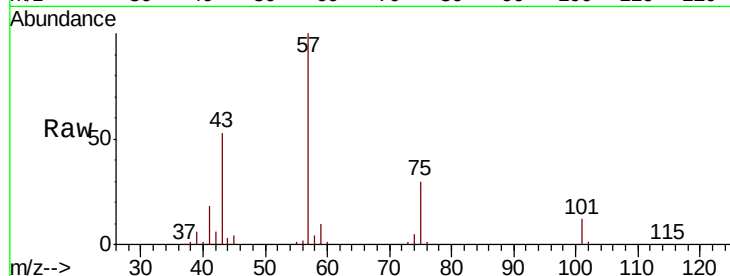
Tot Ion: 75 Resp: 56931

Ion Ratio Lower Upper

75 100

77 0.5 25.7 38.5#

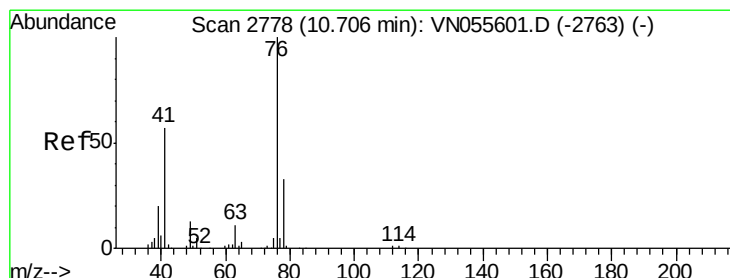
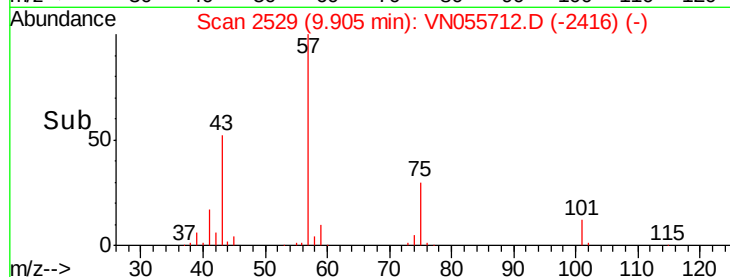
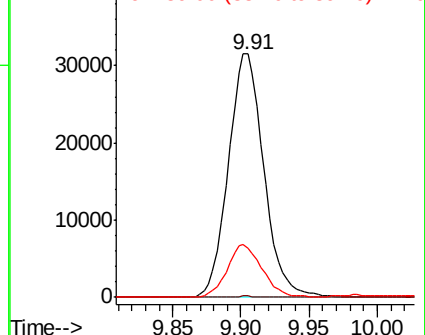
39 20.3 34.7 52.1#



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: 1.693 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055712.D

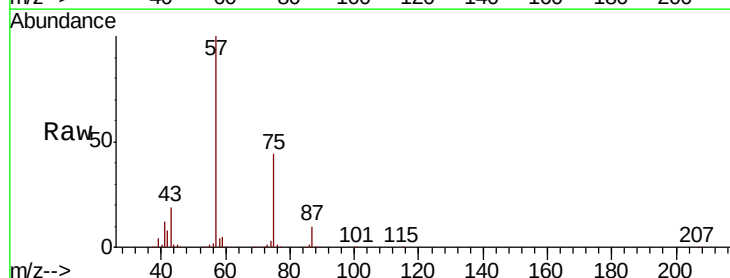
Acq: 21 May 2019 16:18

Tgt Ion: 76 Resp: 10851

Ion Ratio Lower Upper

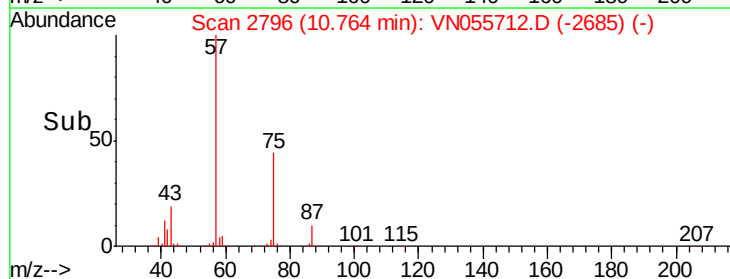
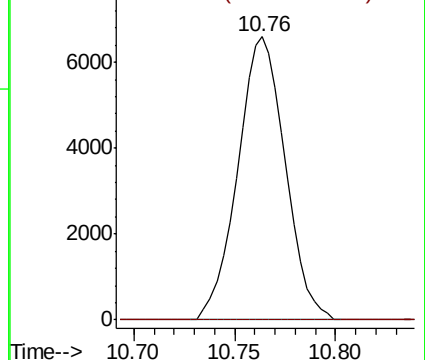
76 100

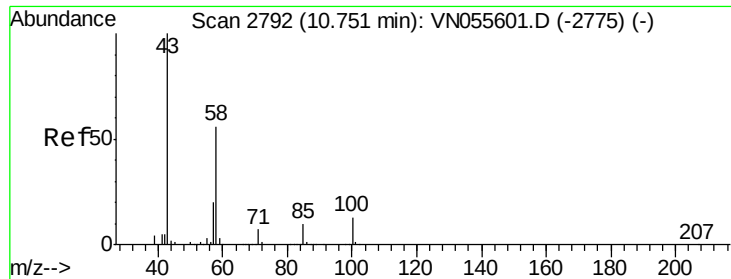
78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

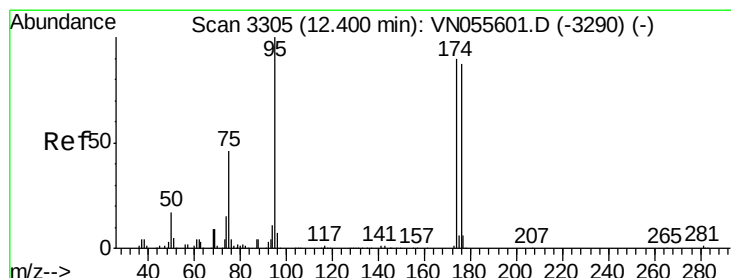
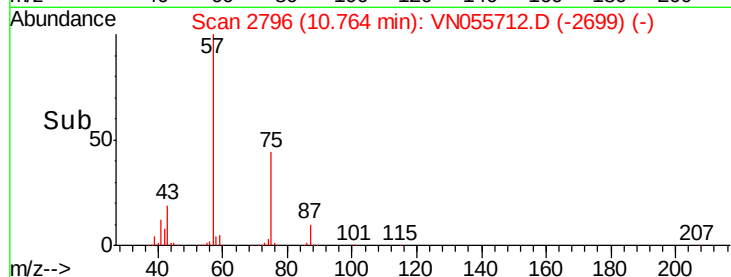
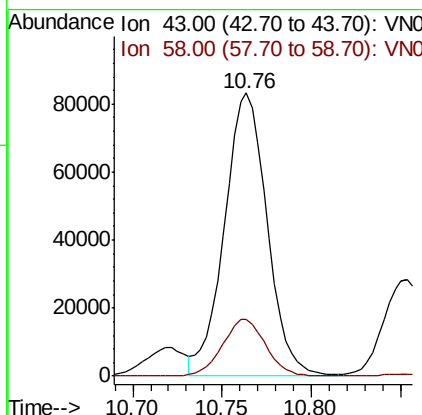
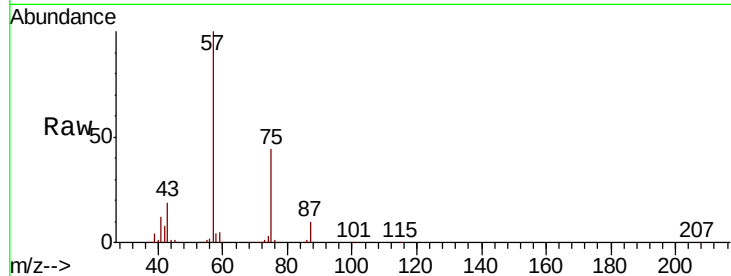




#59
2-Hexanone
Concen: 39.887 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

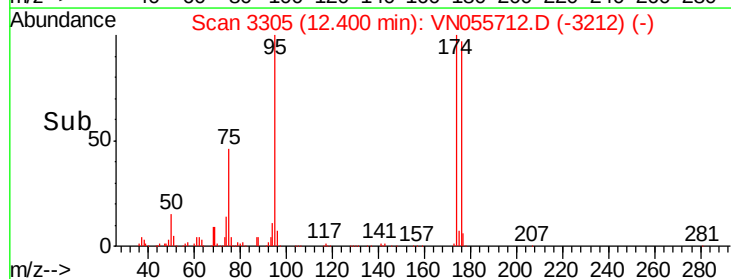
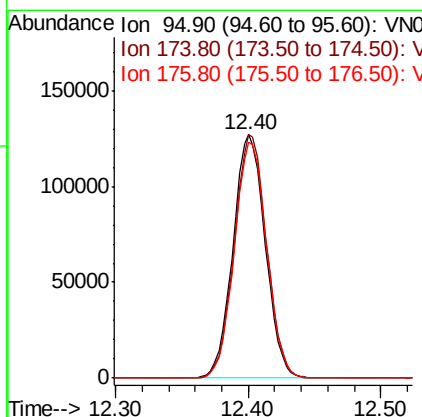
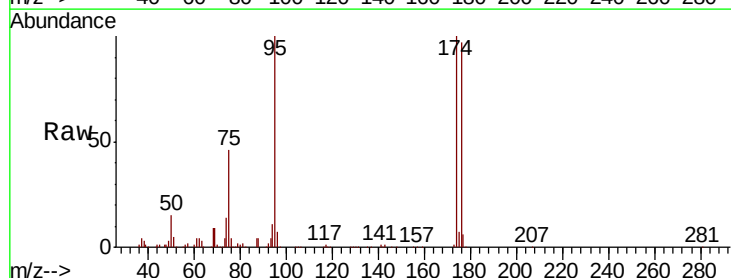
Instrument :
MSVOA_N
ClientSampled :

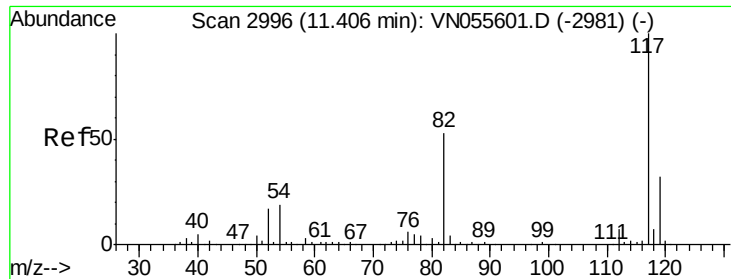
Tot Ion: 43 Resp: 137762
Ion Ratio Lower Upper
43 100
58 20.4 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 43.192 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Tgt Ion: 95 Resp: 214086
Ion Ratio Lower Upper
95 100
174 100.2 0.0 180.6
176 97.3 0.0 177.4

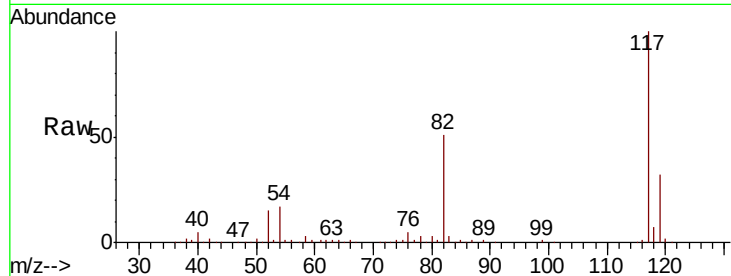




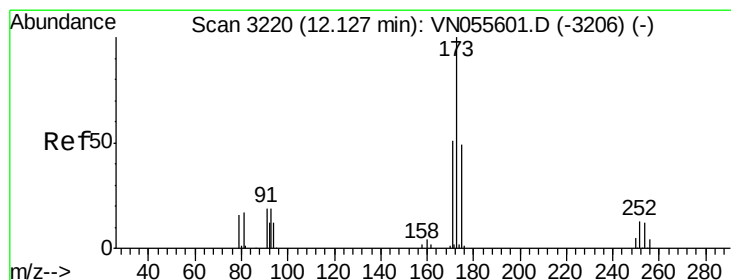
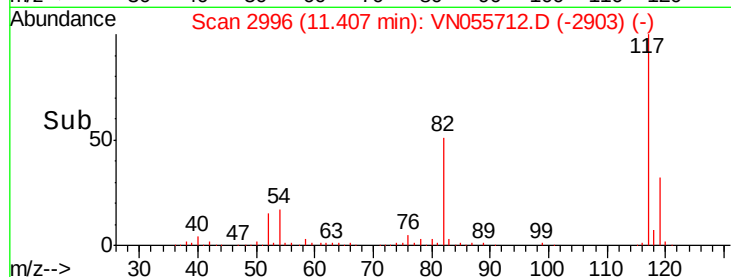
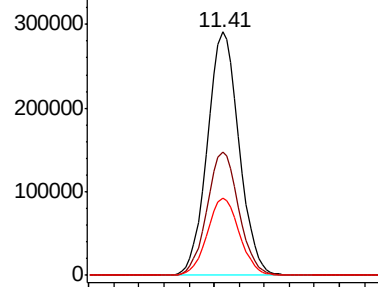
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 510731
Ion Ratio Lower Upper
117 100
82 50.9 42.3 63.5
119 31.5 25.4 38.2

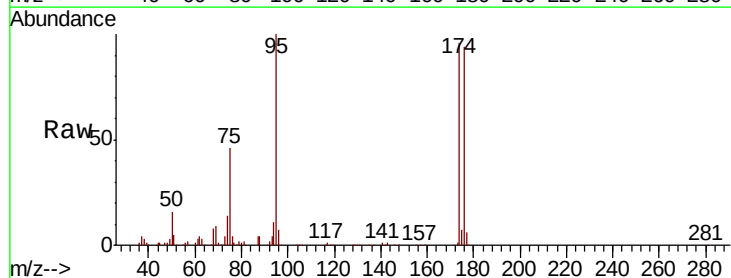


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

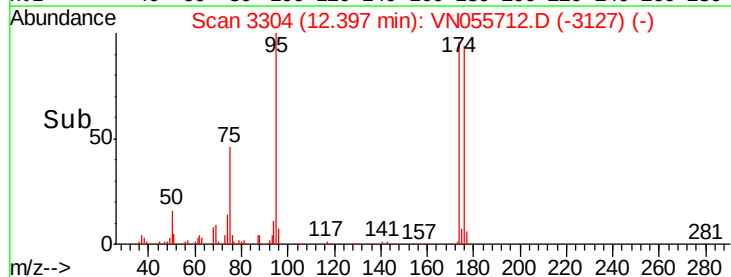
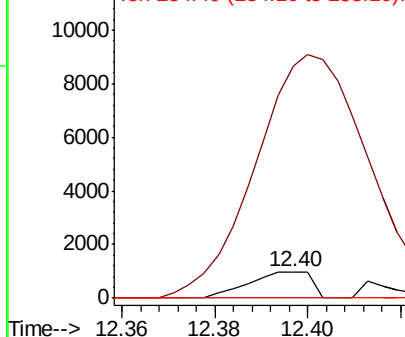


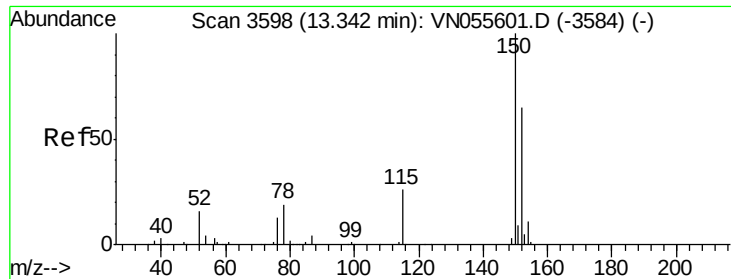
#71
Bromoform
Concen: 0.260 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Tgt Ion:173 Resp: 915
Ion Ratio Lower Upper
173 100
175 1485.9 24.3 72.9#
254 0.0 0.1 0.1#



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



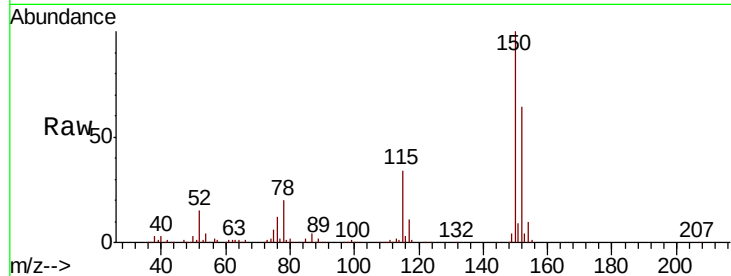


#72

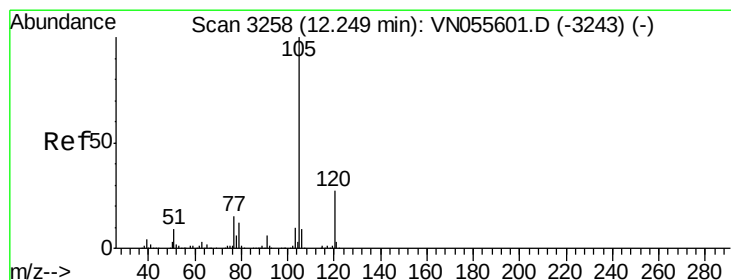
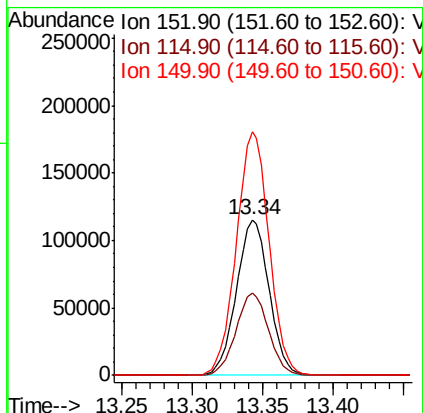
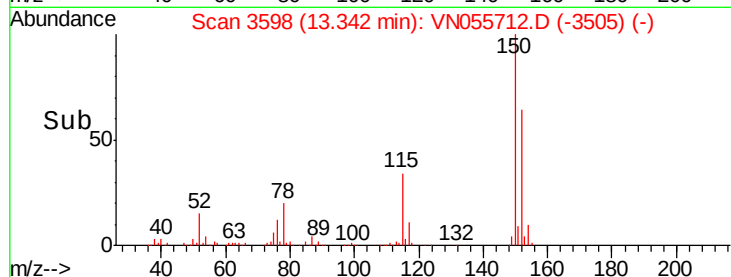
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 187266
Ion Ratio Lower Upper
152 100
115 52.7 28.1 84.2
150 156.6 0.0 348.0



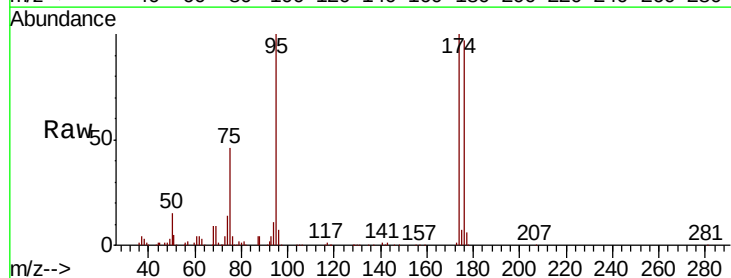
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



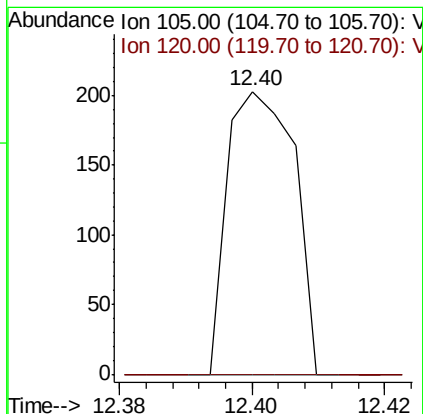
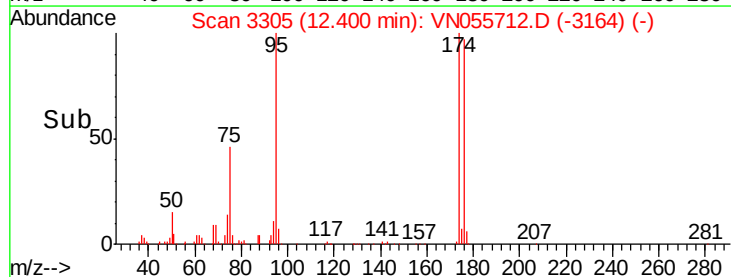
#73

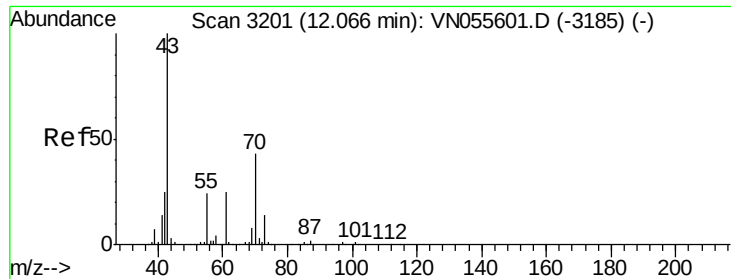
Isopropylbenzene
Concen: Below Cal
RT: 12.40 min Scan# 3305
Delta R.T. 0.15 min
Lab File: VN055712.D
Acq: 21 May 2019 16:18

Tgt Ion:105 Resp: 142
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.468 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2462

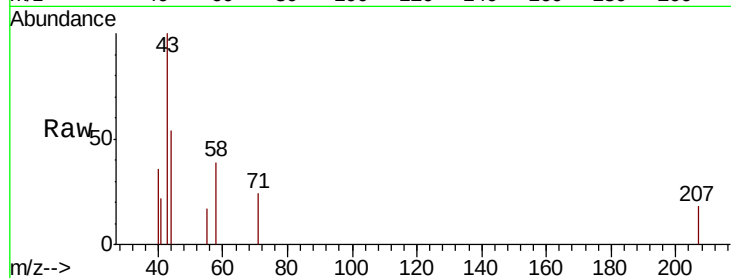
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 2.4 18.9 28.3#

61 0.0 20.1 30.1#

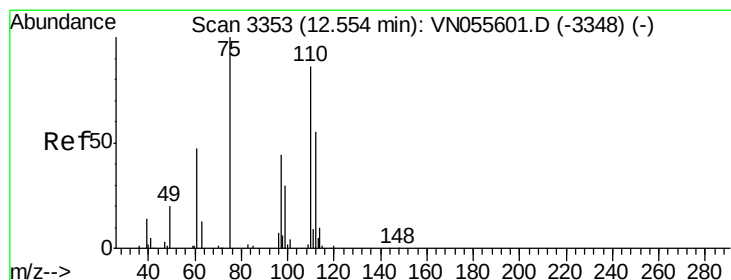
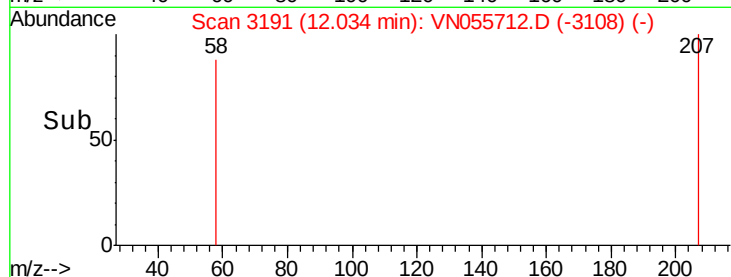
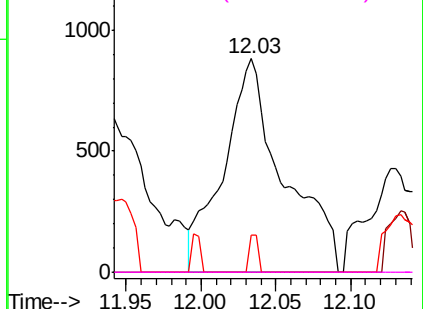


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 25.047 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055712.D

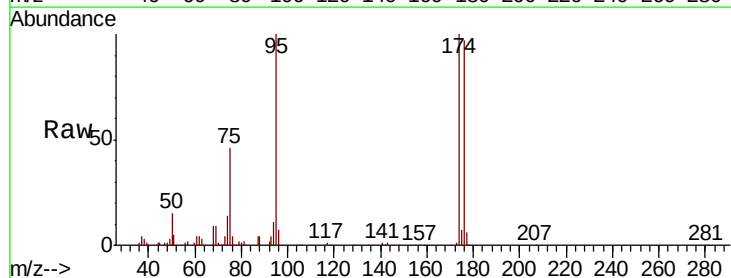
Acq: 21 May 2019 16:18

Tgt Ion: 75 Resp: 95708

Ion Ratio Lower Upper

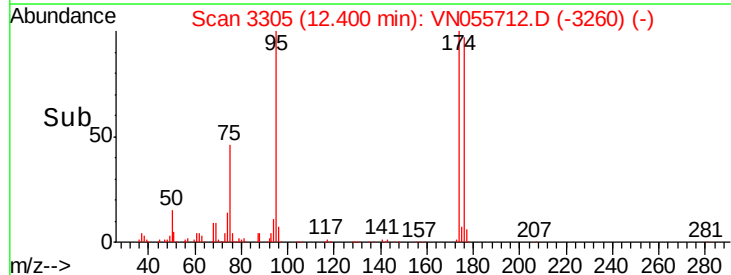
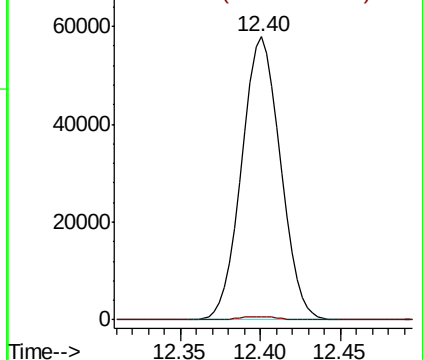
75 100

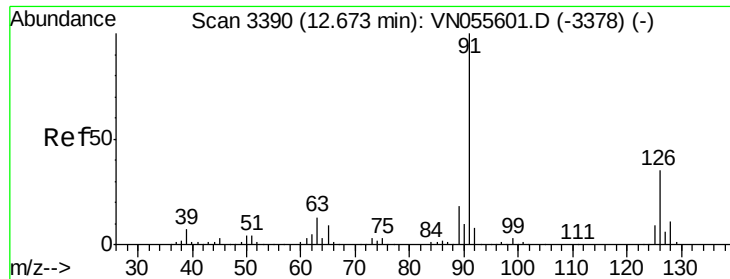
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3363

Delta R.T. -0.09 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

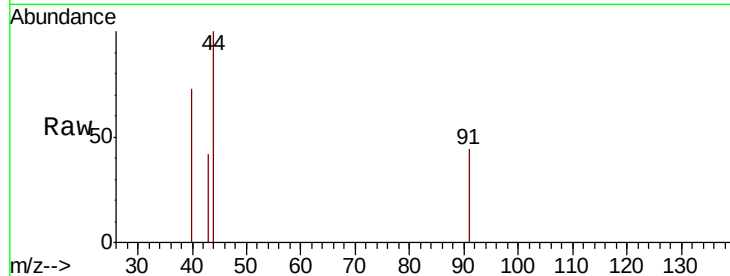
ClientSampleId :

Tot Ion: 91 Resp: 259

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055712.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN055712.D (-3390) (-)

250

200

150

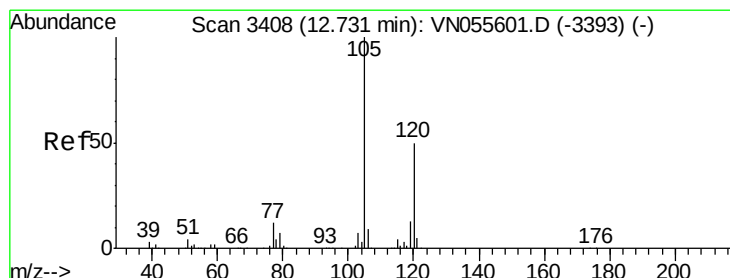
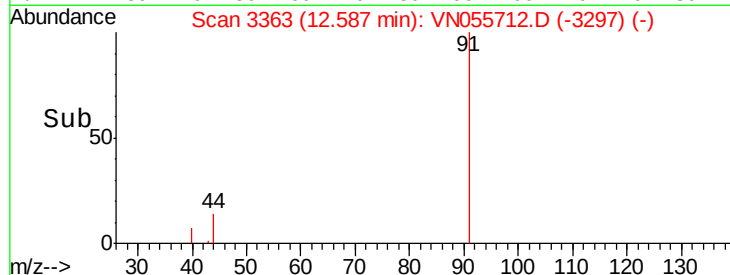
100

50

0

12.58 12.59 12.60

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055712.D

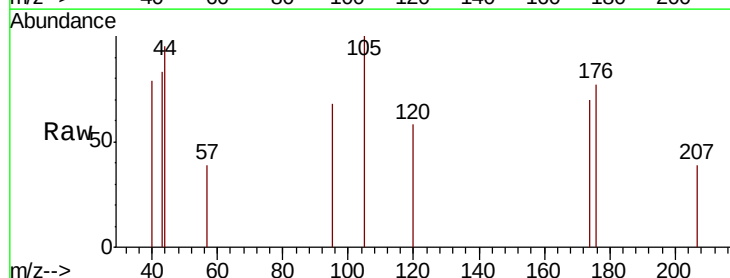
Acq: 21 May 2019 16:18

Tgt Ion: 105 Resp: 644

Ion Ratio Lower Upper

105 100

120 36.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055712.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN055712.D (-3408) (-)

500

400

300

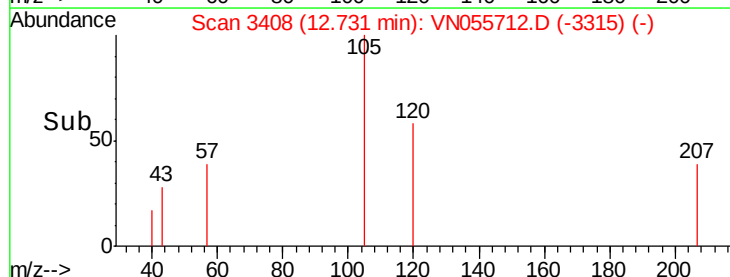
200

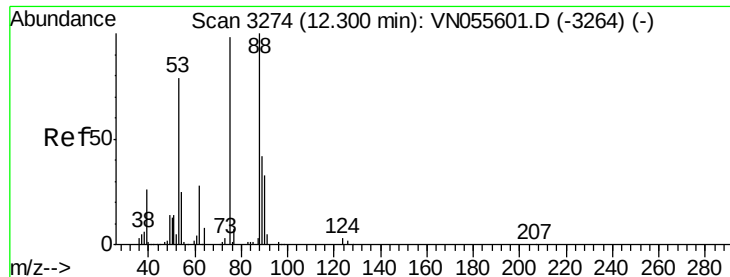
100

0

12.70 12.72 12.73 12.74 12.76

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 64.384 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

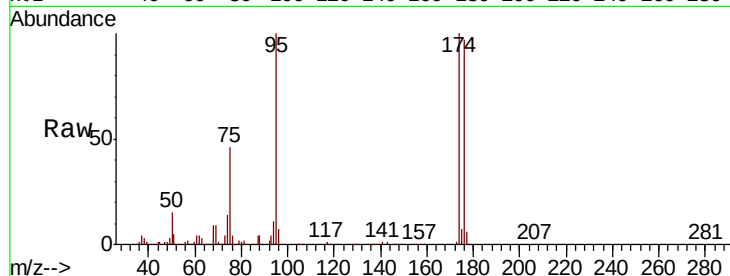
Tot Ion: 75 Resp: 95708

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

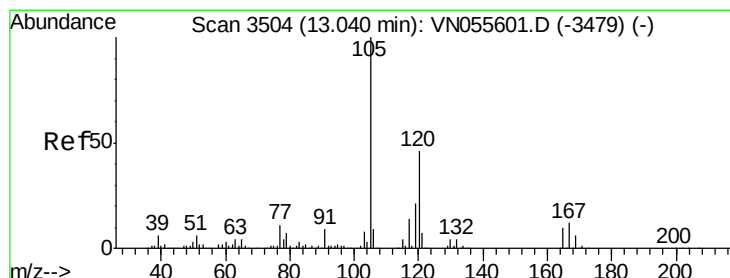
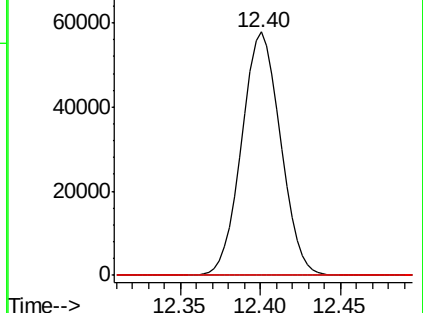
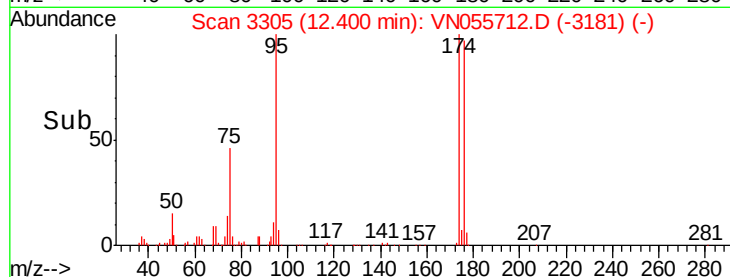
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055712.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055712.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055712.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055712.D

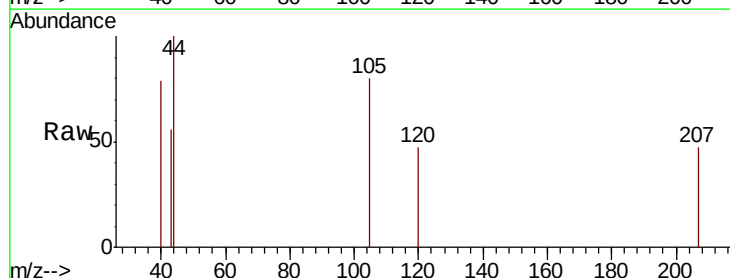
Acq: 21 May 2019 16:18

Tgt Ion: 105 Resp: 580

Ion Ratio Lower Upper

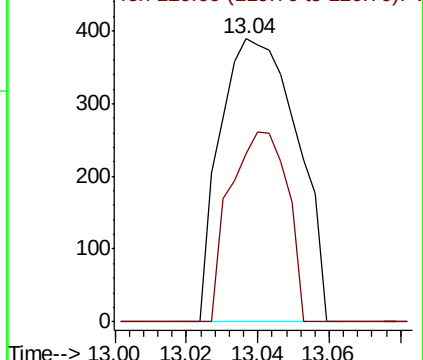
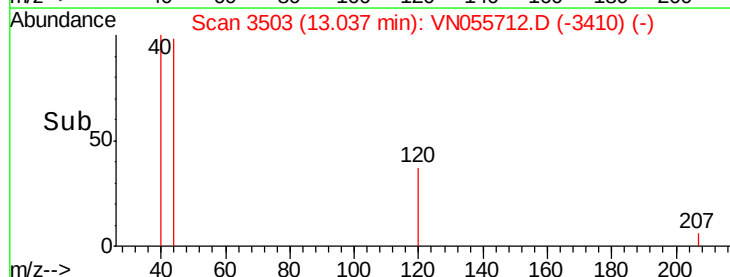
105 100

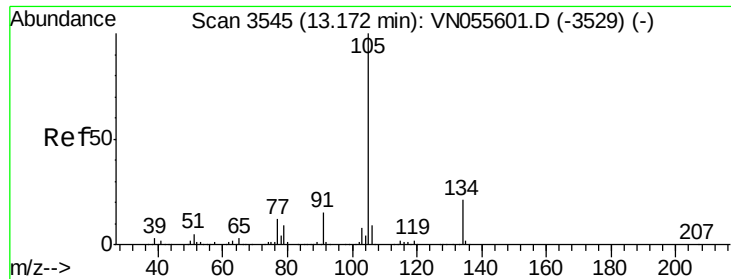
120 49.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): VN055712.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN055712.D (-3410) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

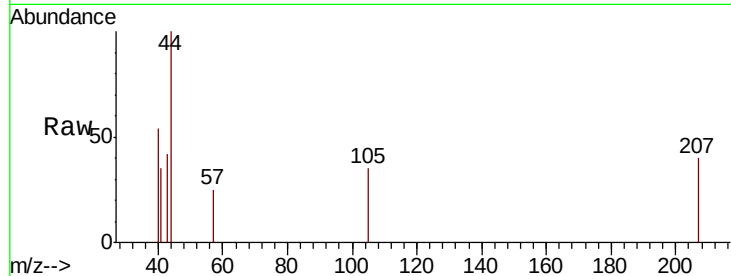
ClientSampled :

Tot Ion:105 Resp: 107

Ion Ratio Lower Upper

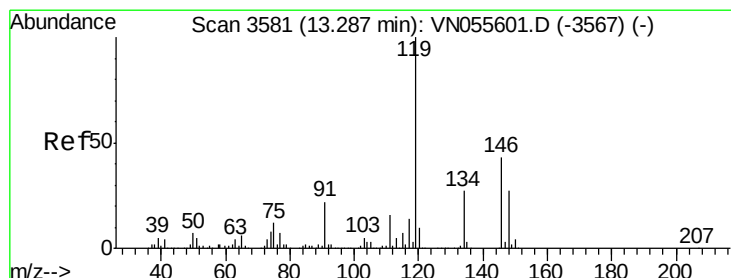
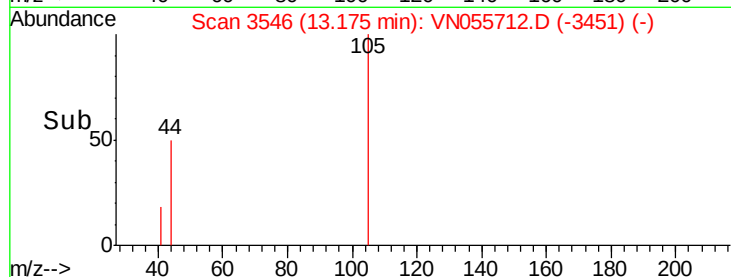
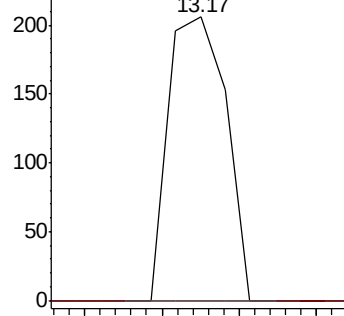
105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055712.D

Acq: 21 May 2019 16:18

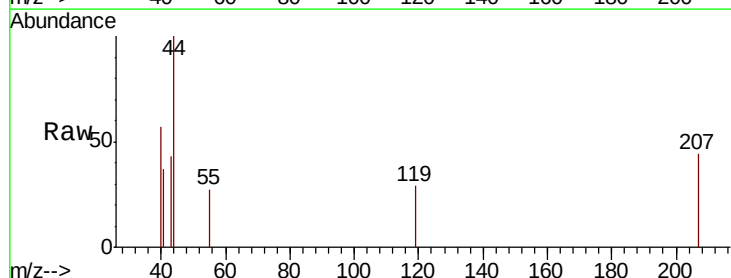
Tgt Ion:119 Resp: 123

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

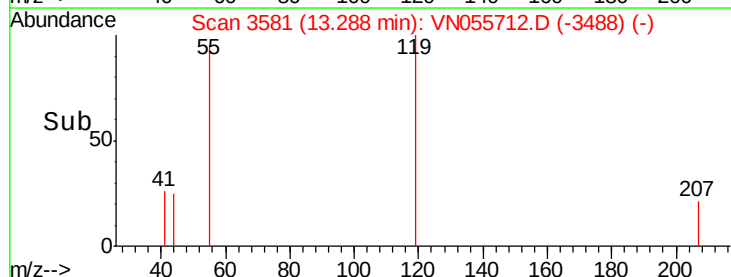
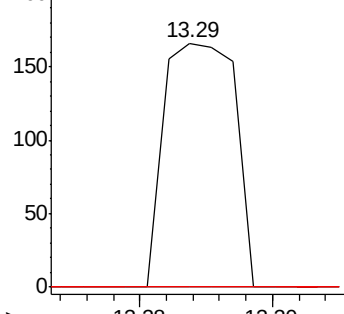
91 0.0 11.0 33.0#

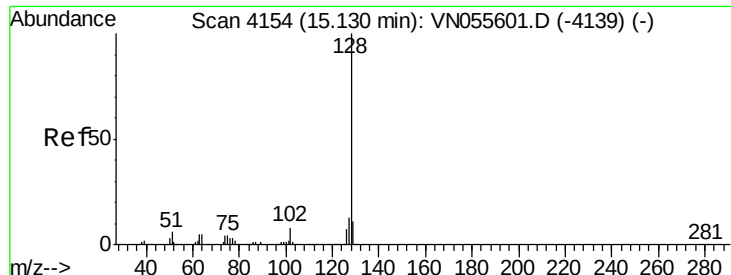


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 1.803 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

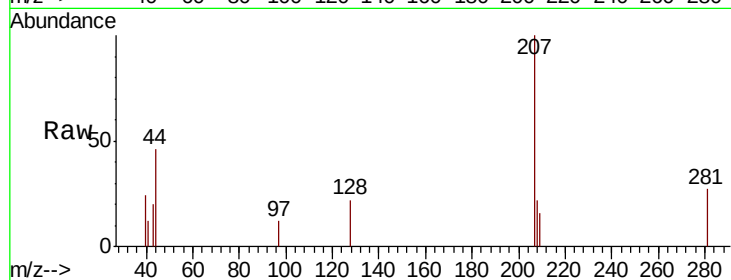
Lab File: VN055712.D

Acq: 21 May 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:	128	Resp:	391
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

