

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054007.D
 Acq On : 28 Feb 2019 16:34
 Operator : JC/SP
 Sample : K1340-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:57:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1123567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1103320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	397359	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
35) Dibromofluoromethane	7.59	113	359250	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1424760	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	482768	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.77	59	230	0.507	ug/l #	73
14) Allyl chloride	4.55	41	11469	1.086	ug/l #	27
16) Acetone	3.82	43	24769	0.977	ug/l	100
18) Methyl Acetate	4.33	43	4664	0.933	ug/l #	90
20) Methylene Chloride	4.55	84	263401	37.226	ug/l	89
25) 2-Butanone	6.84	43	5653	2.014	ug/l	100
29) Tetrahydrofuran	7.22	42	1344	0.719	ug/l #	69
30) Chloroform	7.37	83	6779	0.560	ug/l	91
31) Cyclohexane	7.67	56	10883	0.547	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42739	4.090	ug/l #	47
38) Carbon Tetrachloride	7.67	117	51174	4.709	ug/l #	16
43) Isopropyl Acetate	8.17	43	39452	3.132	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1824	0.211	ug/l #	44
47) Bromodichloromethane	9.40	83	2643	0.249	ug/l #	89
48) Methyl methacrylate	9.18	41	13487	2.328	ug/l #	20
51) 4-Methyl-2-Pentanone	10.02	43	10123	1.564	ug/l #	34
52) Toluene	10.16	92	16378	0.867	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	76560	6.299	ug/l #	70
56) Ethyl methacrylate	10.54	69	1709	2.132	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12671	1.062	ug/l #	43
59) 2-Hexanone	10.76	43	197344	46.875	ug/l #	48
67) Ethyl Benzene	11.51	91	114045	2.922	ug/l	100
68) m/p-Xylenes	11.62	106	215051	14.596	ug/l	96
69) o-Xylene	11.95	106	94368	6.519	ug/l	96
70) Styrene	11.95	104	6695	0.301	ug/l #	1
71) Bromoform	12.40	173	3508	0.601	ug/l #	1
73) Isopropylbenzene	12.25	105	7043	0.211	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	236646	34.360	ug/l #	100
78) n-propylbenzene	12.59	91	44671	1.175	ug/l	98
79) 2-Chlorotoluene	12.65	91	28529	1.249	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	168826	6.170	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	236646	108.598	ug/l #	15
82) 4-Chlorotoluene	12.73	91	16824	0.746	ug/l #	39
83) tert-Butylbenzene	13.04	119	105089	4.343	ug/l #	65

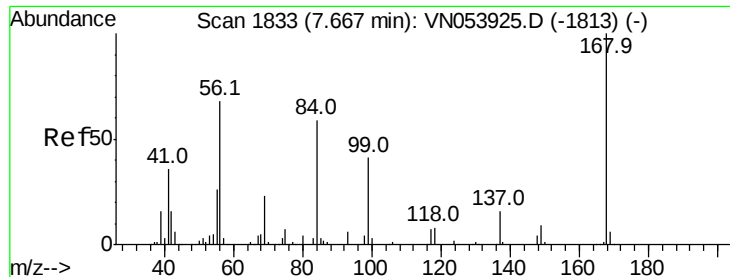
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
Data File : VN054007.D
Acq On : 28 Feb 2019 16:34
Operator : JC/SP
Sample : K1340-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 01 03:57:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	860085	31.487	ug/l	99
85) sec-Butylbenzene	13.04	105	860085	26.023	ug/l #	56
86) p-Isopropyltoluene	13.23	119	16628	0.595	ug/l	94
89) n-Butylbenzene	13.58	91	5672	0.241	ug/l #	1
90) Hexachloroethane	13.89	117	4552	0.841	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	105	2.235	ug/l #	11
95) Naphthalene	15.13	128	34435	5.107	ug/l	97

(#) = 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: VN054007.D

Acq: 28 Feb 2019 16:34

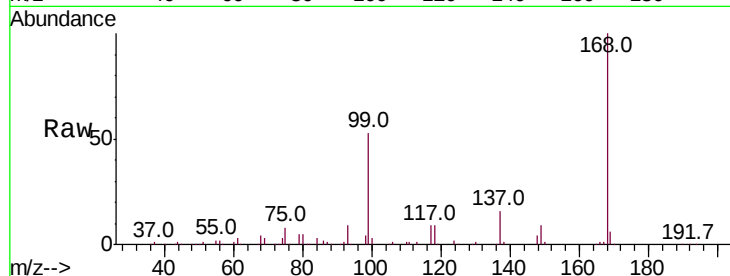
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 609881

Ion Ratio Lower Upper

168 100

99 53.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

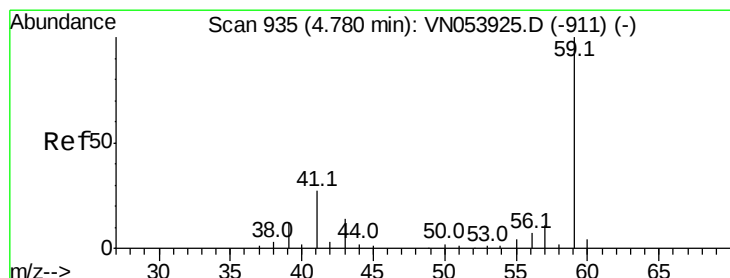
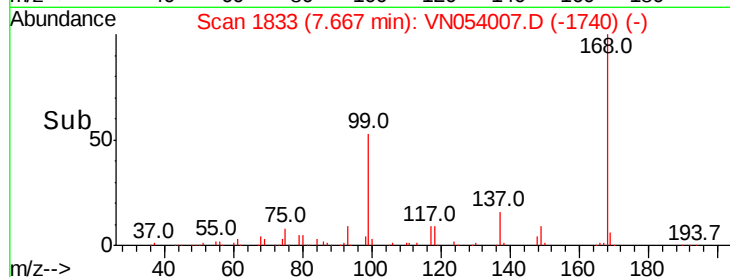
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.507 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN054007.D

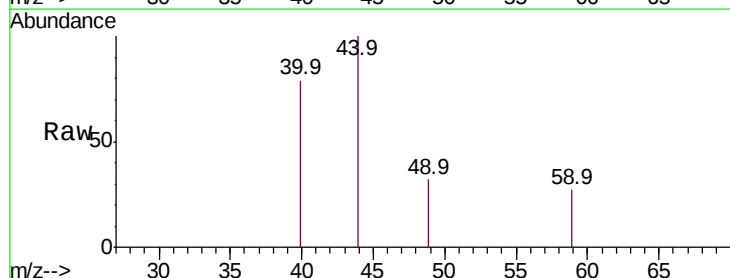
Acq: 28 Feb 2019 16:34

Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

250

200

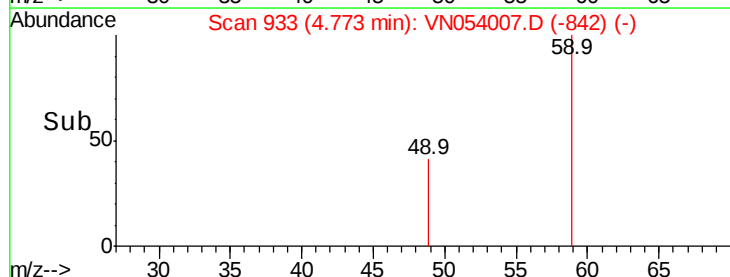
150

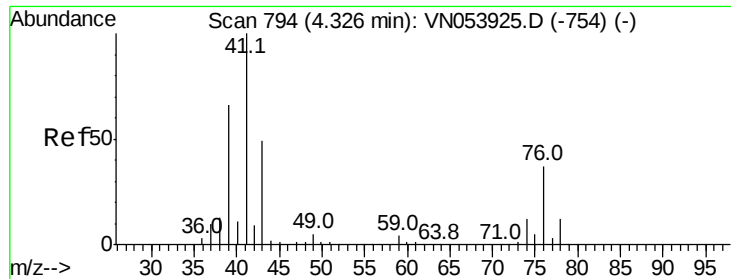
100

50

0

Time--> 4.74 4.76 4.78

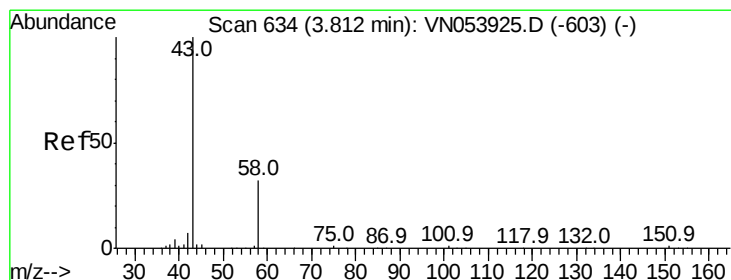
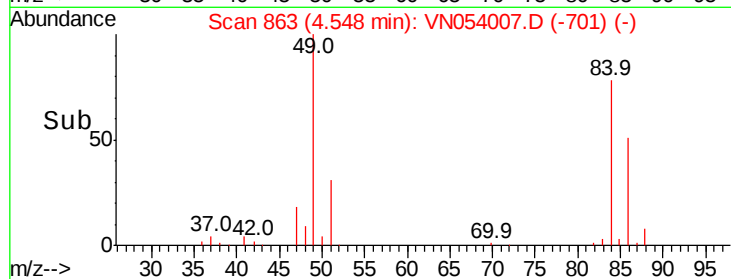
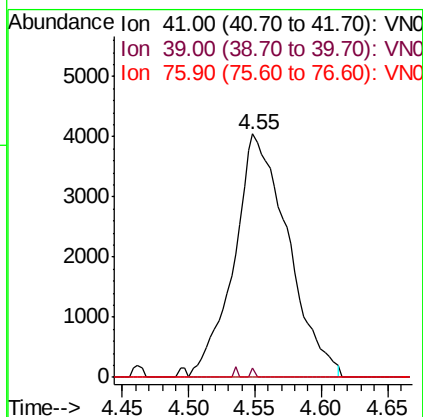
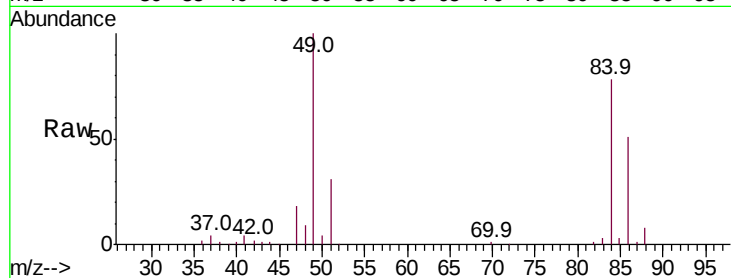




#14
Allvl chloride
Concen: 1.086 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.22 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

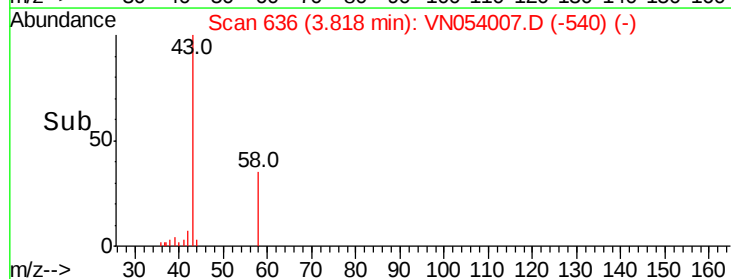
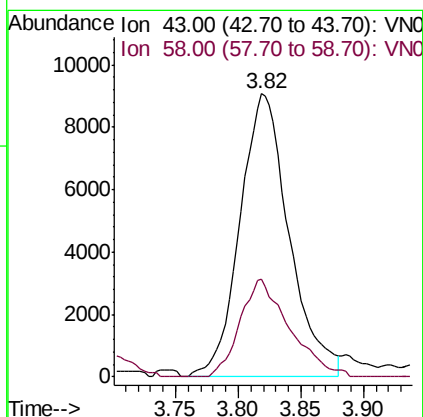
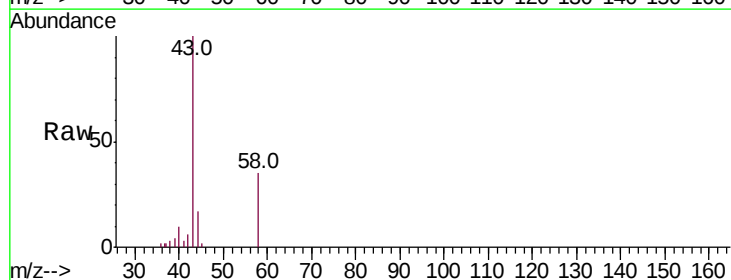
Instrument :
MSVOA_N
ClientSampled :

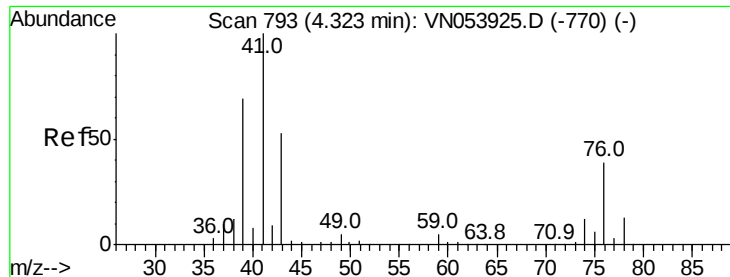
Tot Ion: 41 Resp: 11469
Ion Ratio Lower Upper
41 100
39 0.3 48.8 73.2#
76 0.0 30.9 46.3#



#16
Acetone
Concen: 0.977 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion: 43 Resp: 24769
Ion Ratio Lower Upper
43 100
58 34.6 27.6 41.4





#18

Methyl Acetate

Concen: 0.933 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

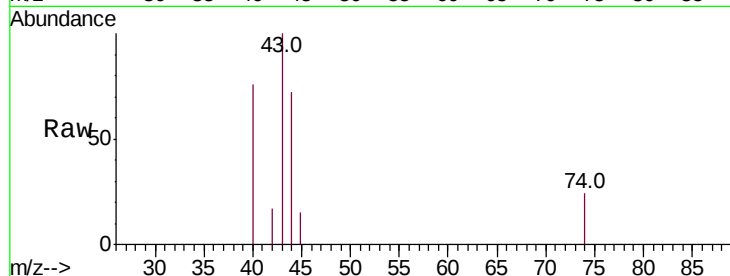
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 4664

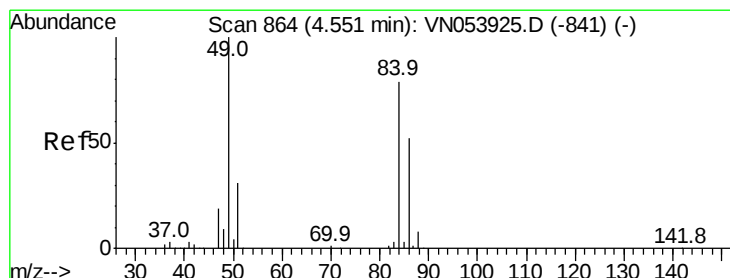
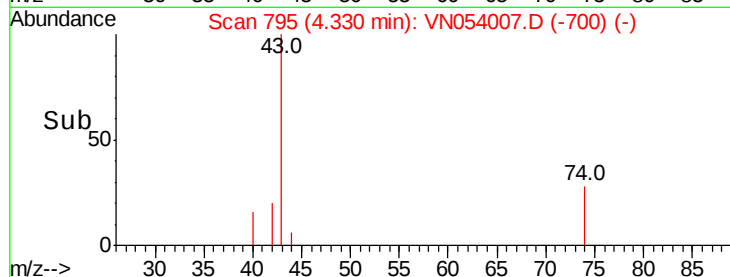
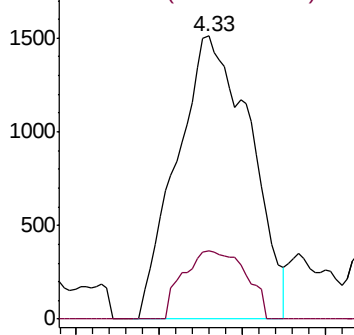
Ion Ratio Lower Upper

43 100

74 20.5 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



#20

Methylene Chloride

Concen: 37.226 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Tgt Ion: 84 Resp: 263401

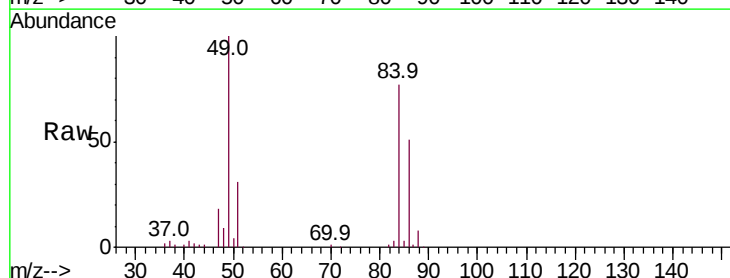
Ion Ratio Lower Upper

84 100

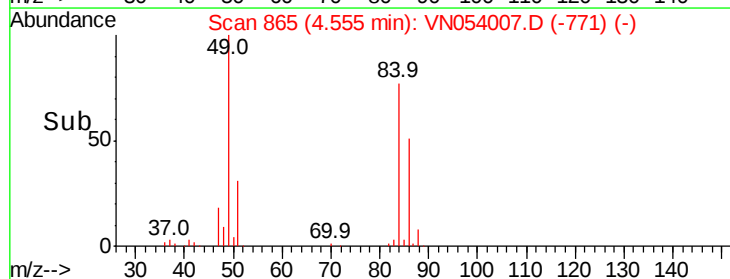
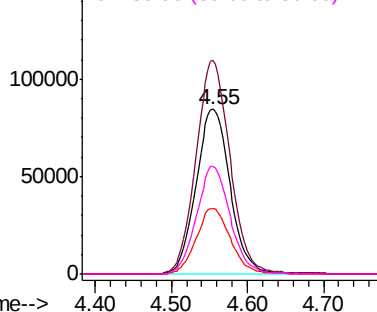
49 129.6 89.7 134.5

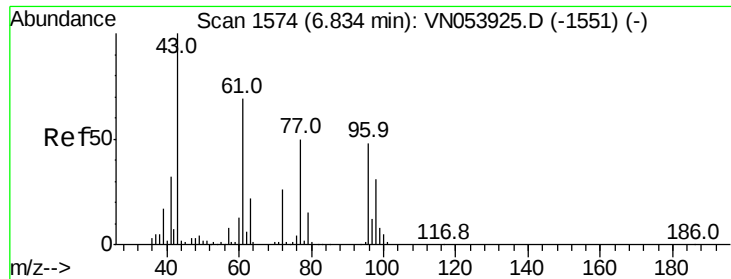
51 40.0 27.8 41.8

86 65.8 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#25

2-Butanone

Concen: 2.014 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

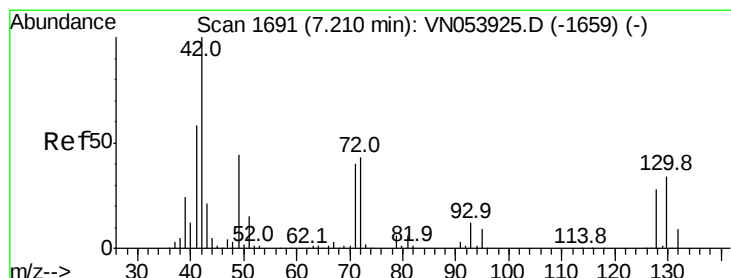
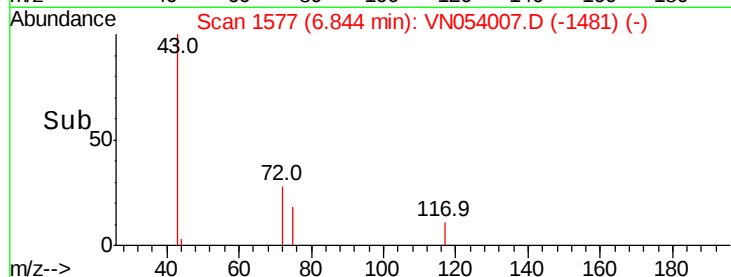
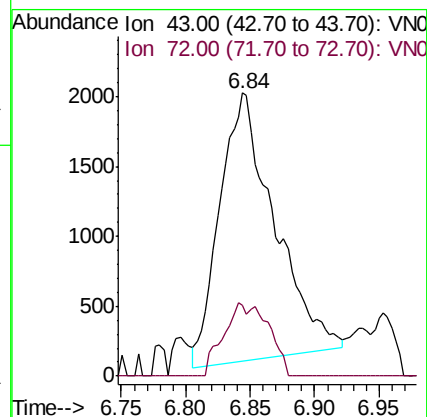
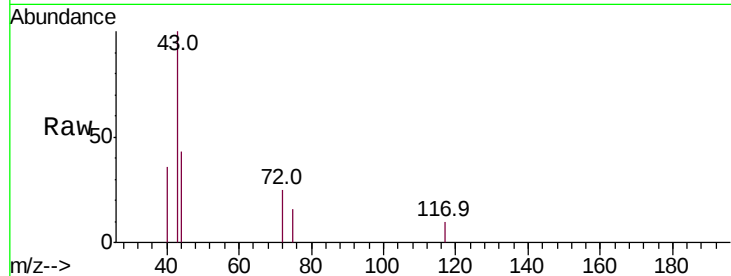
ClientSampled :

Tot Ion: 43 Resp: 5653

Ion Ratio Lower Upper

43 100

72 27.6 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.719 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

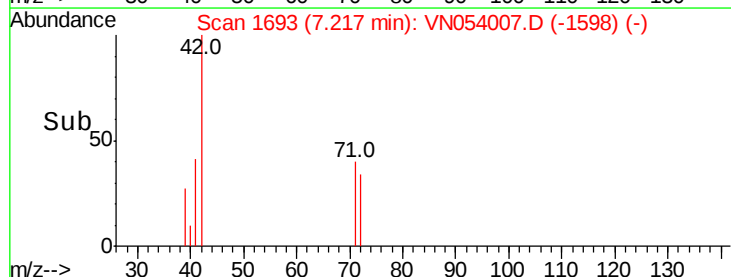
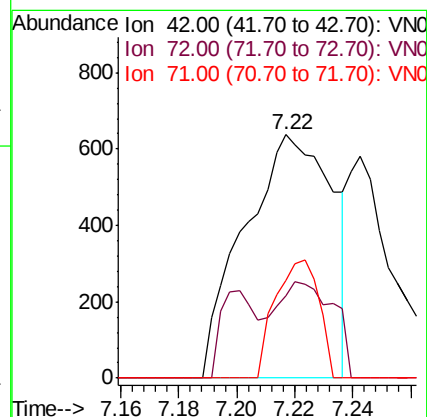
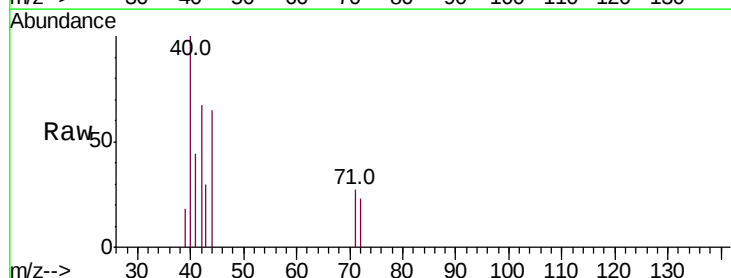
Tgt Ion: 42 Resp: 1344

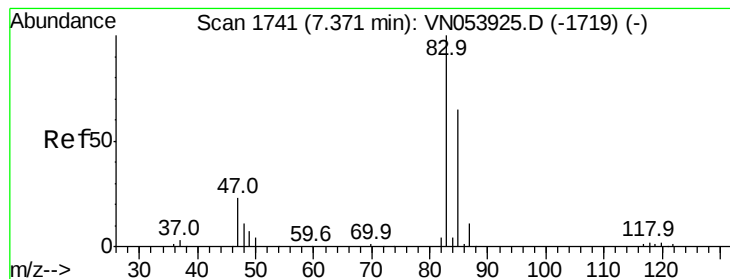
Ion Ratio Lower Upper

42 100

72 24.4 36.9 55.3#

71 24.0 34.6 52.0#





#30

Chloroform

Concen: 0.560 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

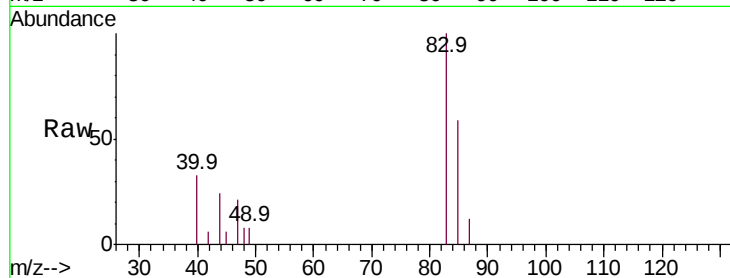
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 6779

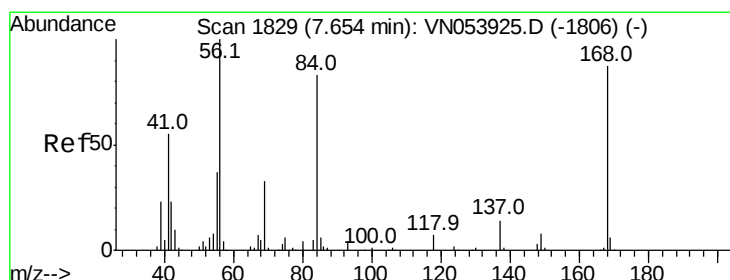
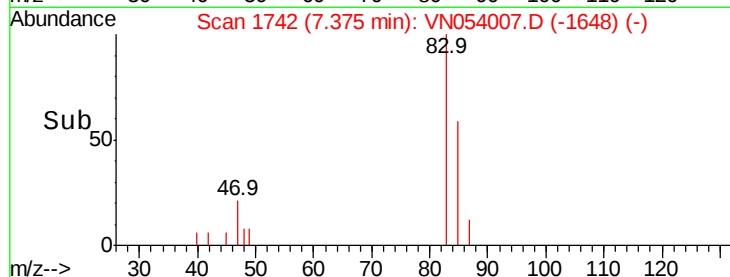
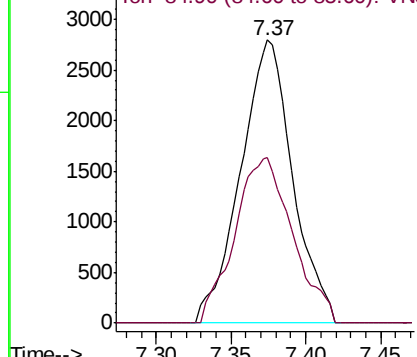
Ion Ratio Lower Upper

83 100

85 58.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO



#31

Cyclohexane

Concen: 0.547 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

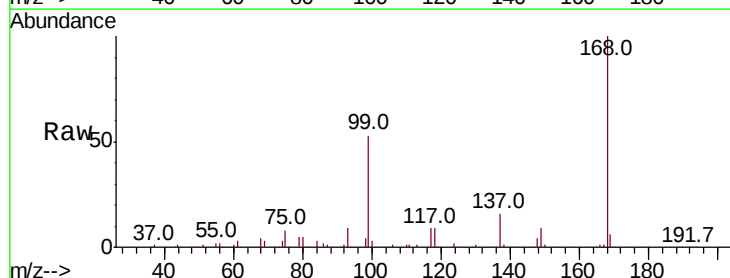
Tgt Ion: 56 Resp: 10883

Ion Ratio Lower Upper

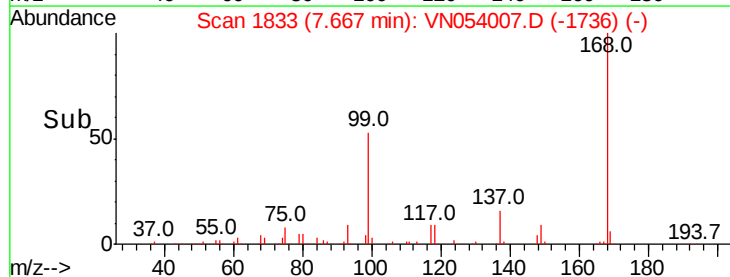
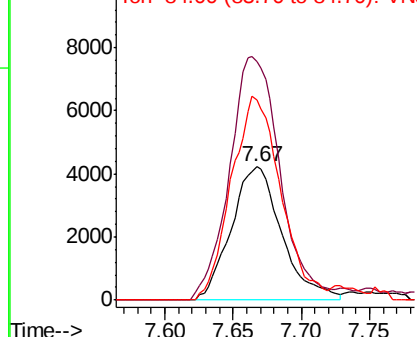
56 100

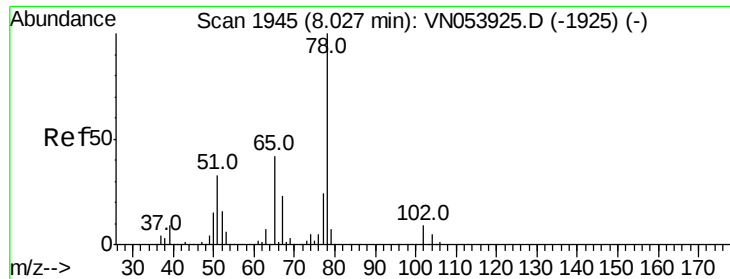
69 179.3 26.0 39.0#

84 150.2 69.1 103.7#



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





#33

1,2-Dichloroethane-d4

Concen: 55.581 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

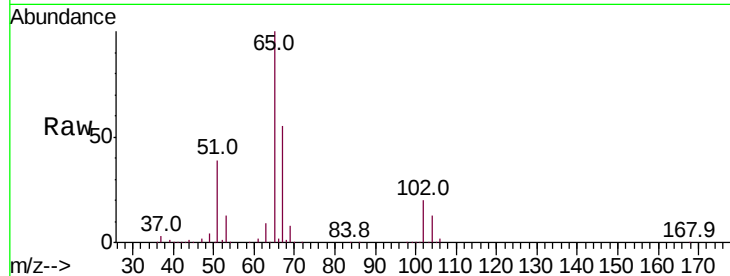
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 397359

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)

8.03

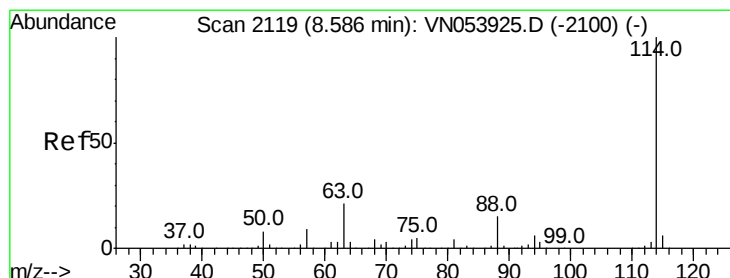
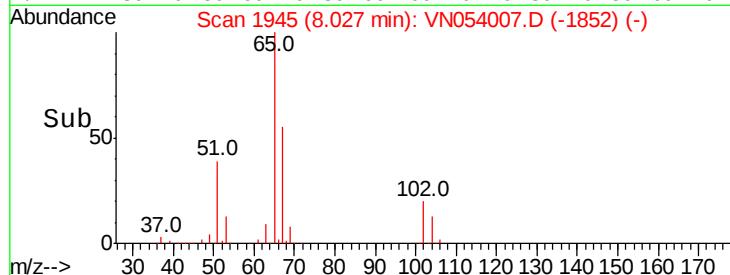
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

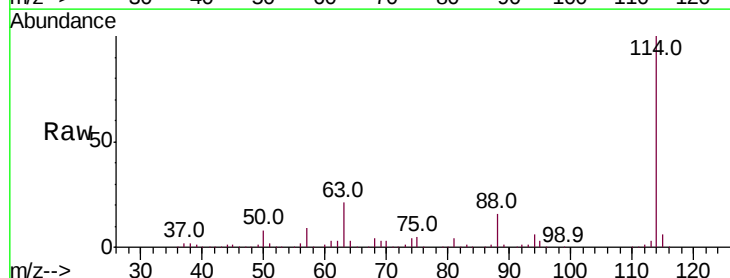
Tgt Ion: 114 Resp: 1123567

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053925.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053925.D (-2100) (-)

8.59

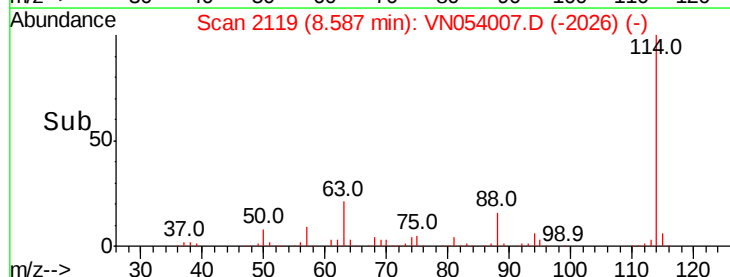
600000

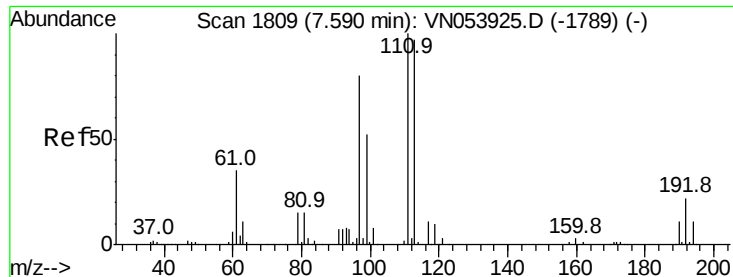
400000

200000

0

Time-->

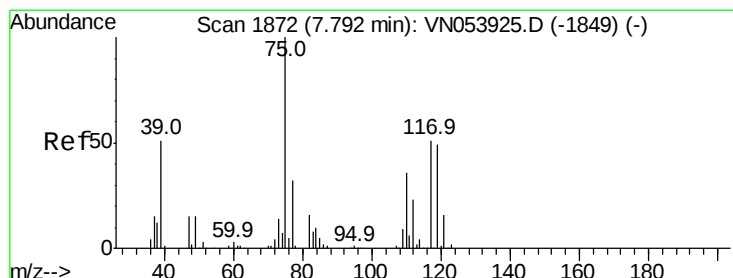
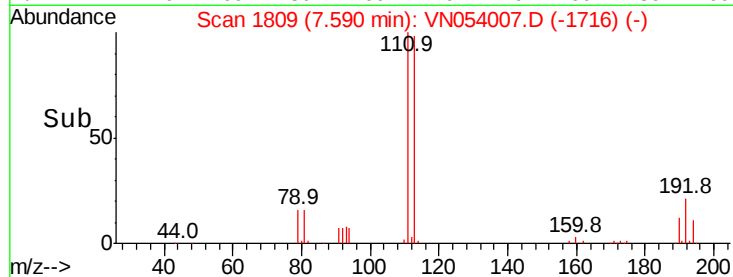
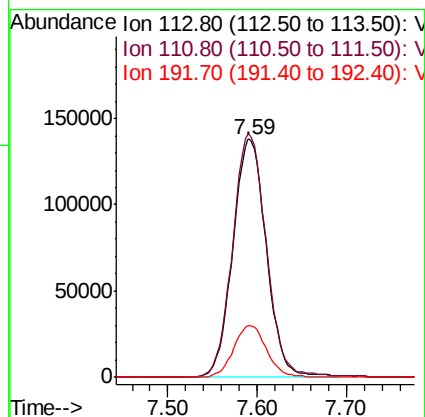
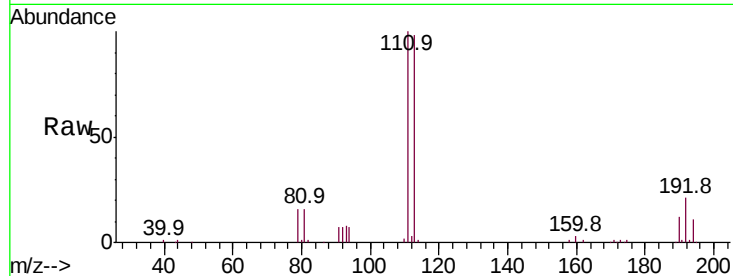




#35
 Dibromofluoromethane
 Concen: 49.445 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

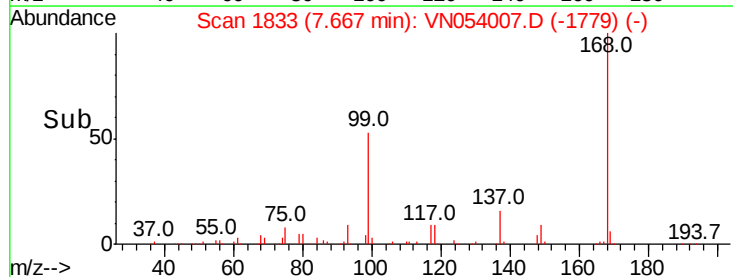
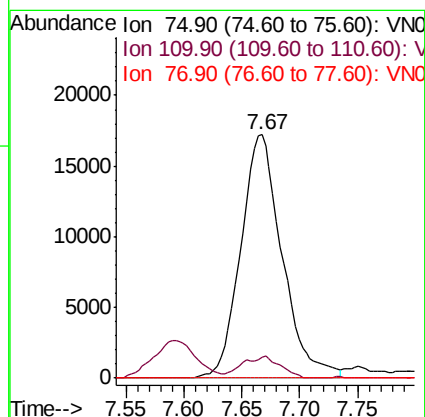
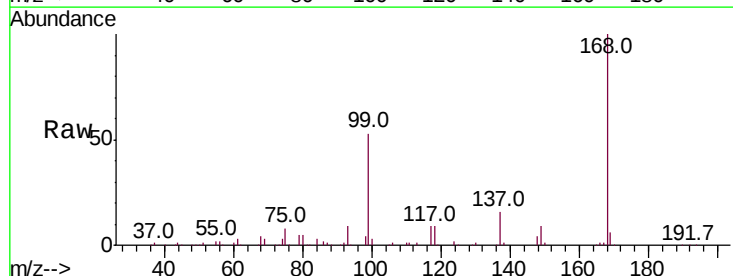
Instrument :
 MSVOA_N
 ClientSampled :

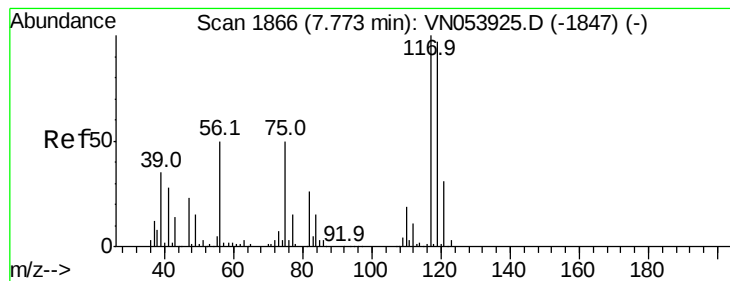
Tot Ion:113 Resp: 359250
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 21.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.090 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

Tgt Ion: 75 Resp: 42739
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 4.709 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

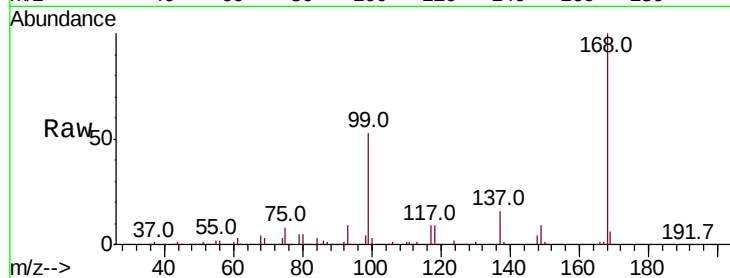
Tot Ion:117 Resp: 51174

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

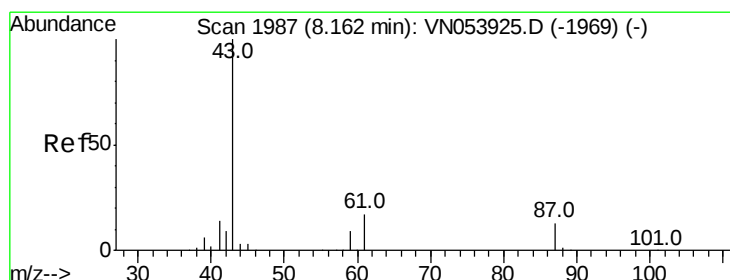
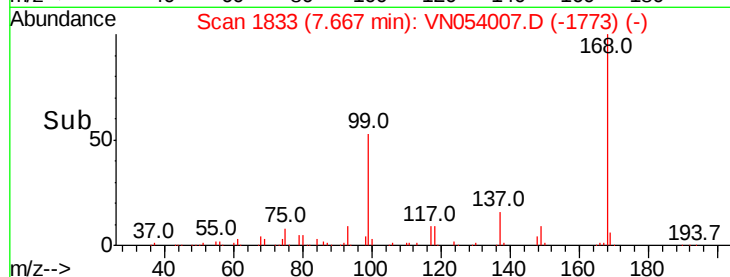
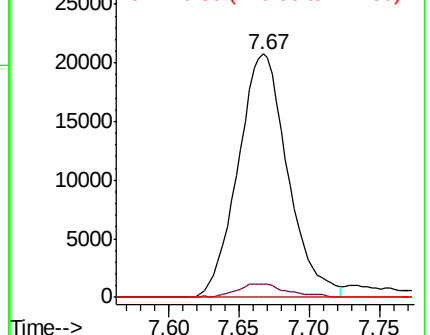
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 3.132 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

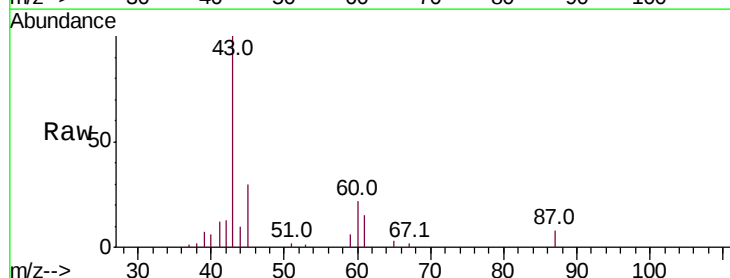
Tgt Ion: 43 Resp: 39452

Ion Ratio Lower Upper

43 100

61 15.2 17.4 26.0#

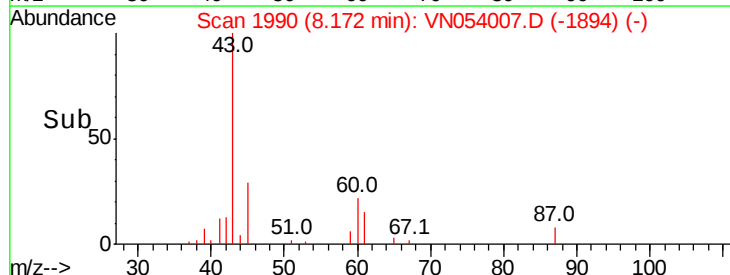
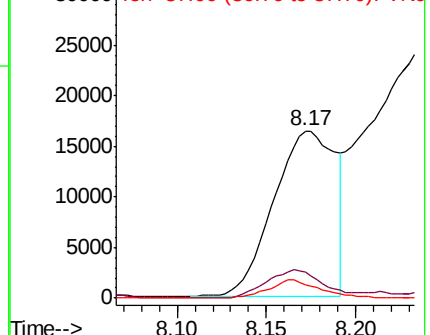
87 9.0 11.5 17.3#

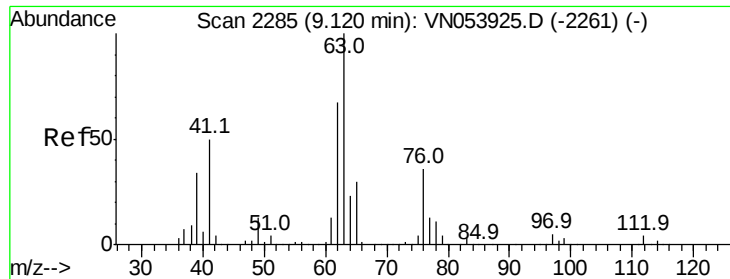


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.211 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

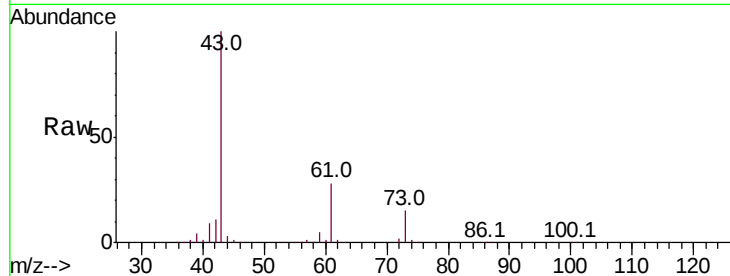
ClientSampleId :

Tot Ion: 63 Resp: 1824

Ion Ratio Lower Upper

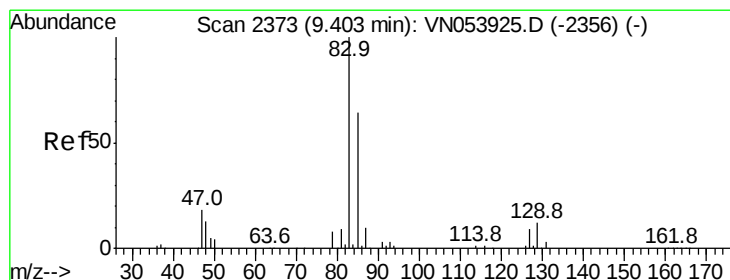
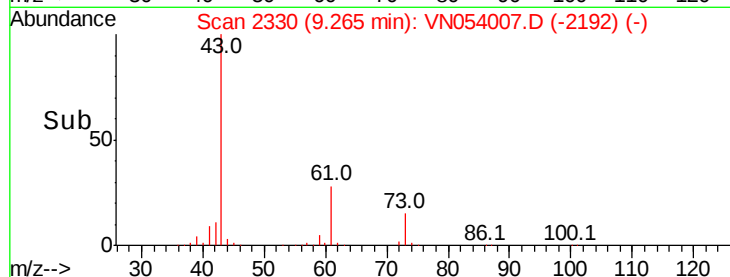
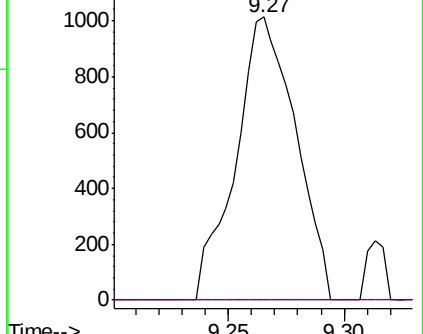
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

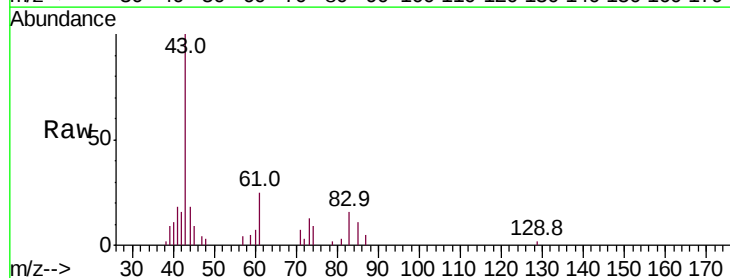
Tgt Ion: 83 Resp: 2643

Ion Ratio Lower Upper

83 100

85 71.6 51.8 77.6

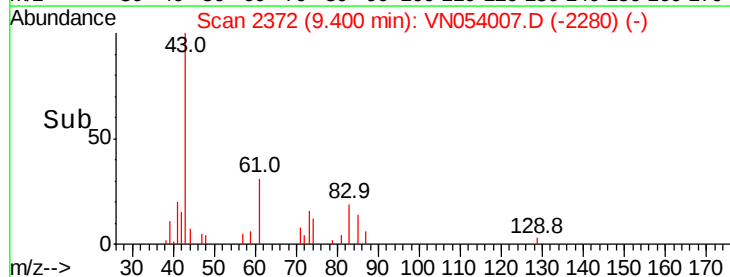
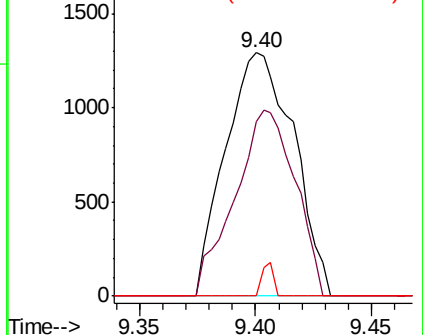
127 0.0 7.4 11.0#

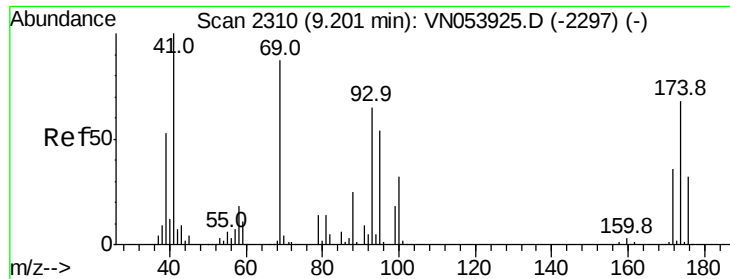


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrylate

Concen: 2.328 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :
MSVOA_N
ClientSampleId :

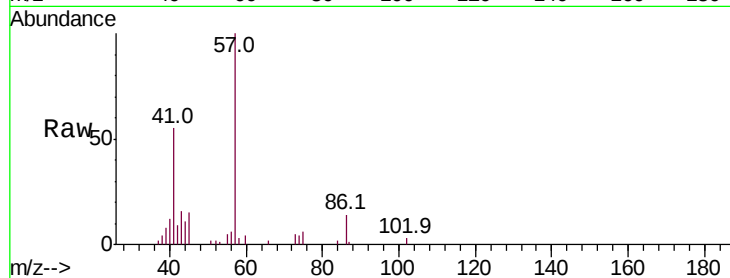
Tot Ion: 41 Resp: 13487

Ion Ratio Lower Upper

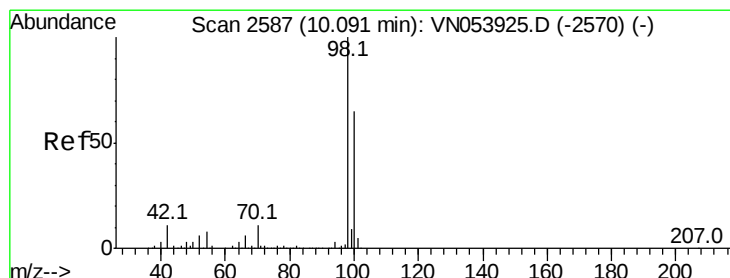
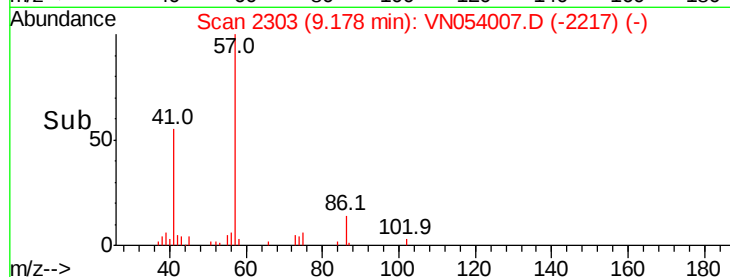
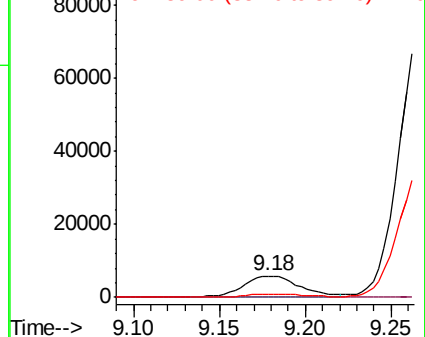
41 100

69 0.0 74.8 112.2#

39 17.0 39.0 58.6#



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



#50

Toluene-d8

Concen: 52.678 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054007.D

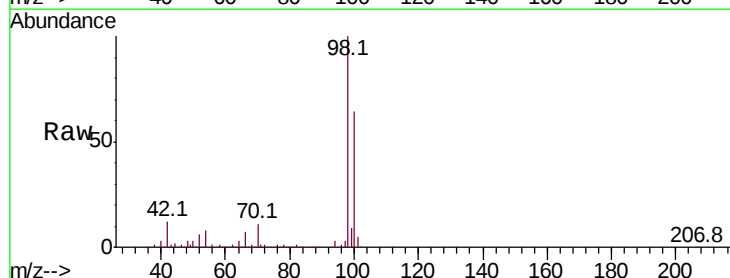
Acq: 28 Feb 2019 16:34

Tgt Ion: 98 Resp: 1424760

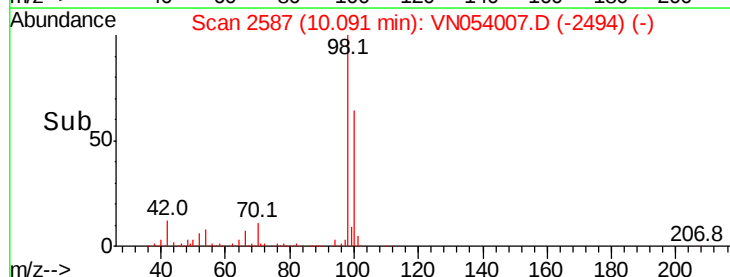
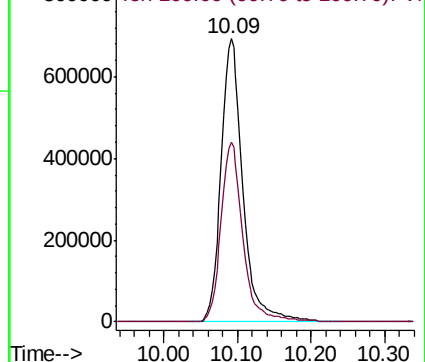
Ion Ratio Lower Upper

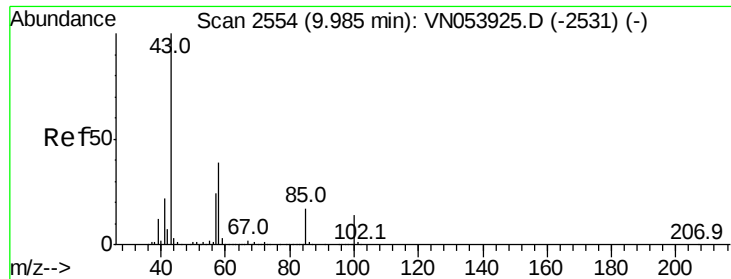
98 100

100 63.9 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 1.564 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

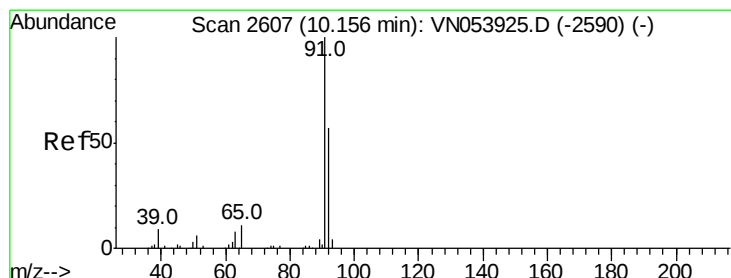
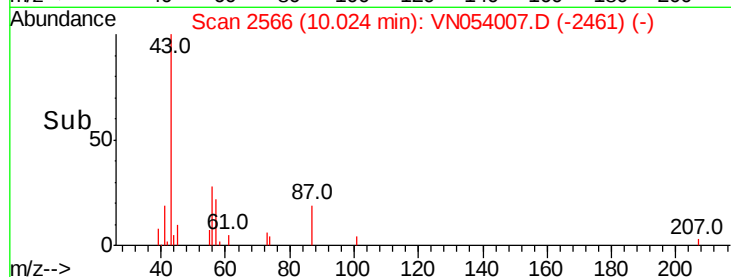
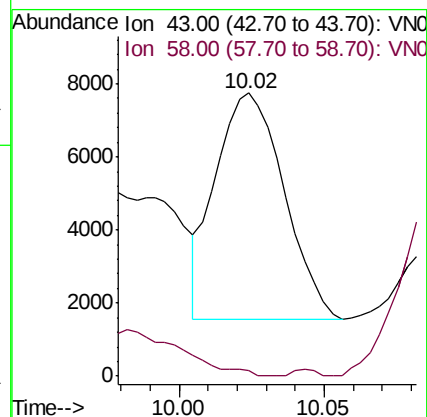
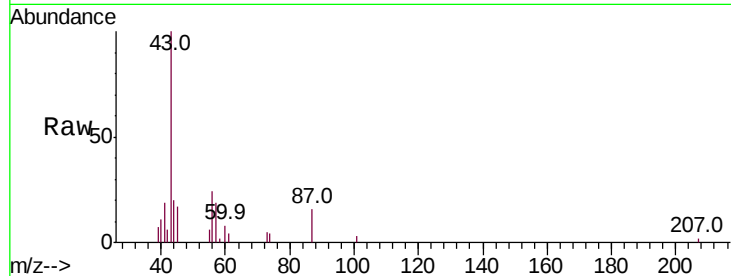
ClientSampled :

Tot Ion: 43 Resp: 10123

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#52

Toluene

Concen: 0.867 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054007.D

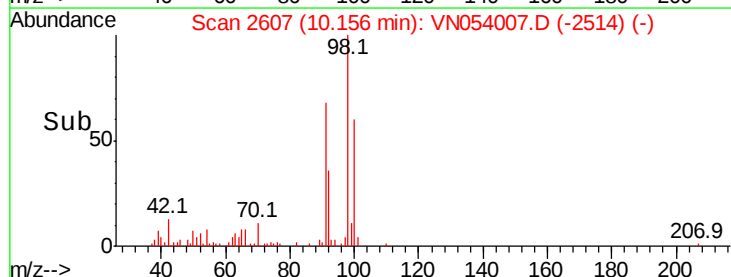
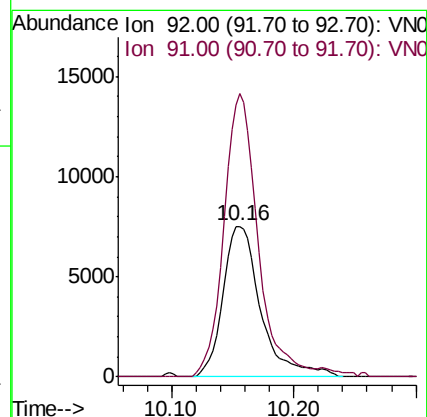
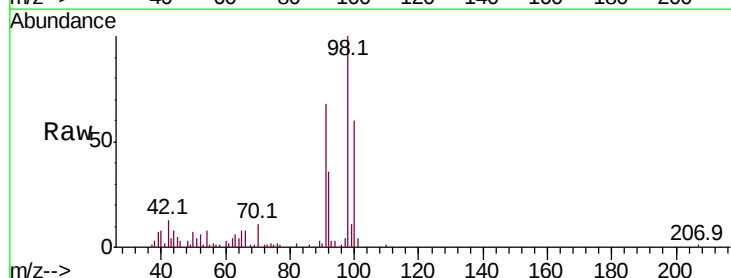
Acq: 28 Feb 2019 16:34

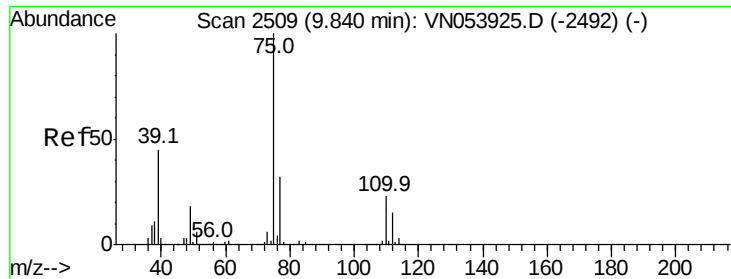
Tgt Ion: 92 Resp: 16378

Ion Ratio Lower Upper

92 100

91 168.6 138.4 207.6



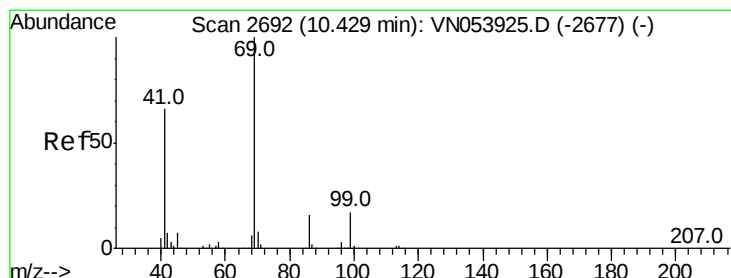
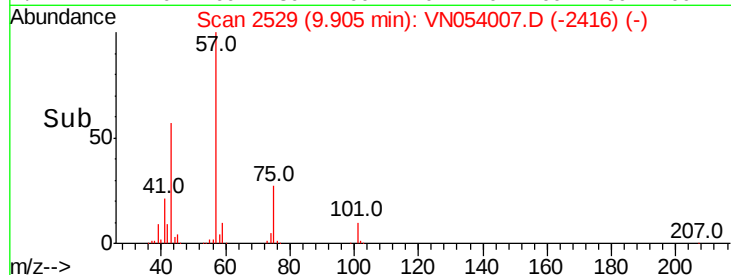
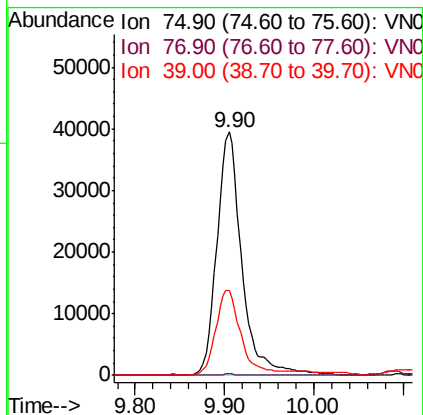
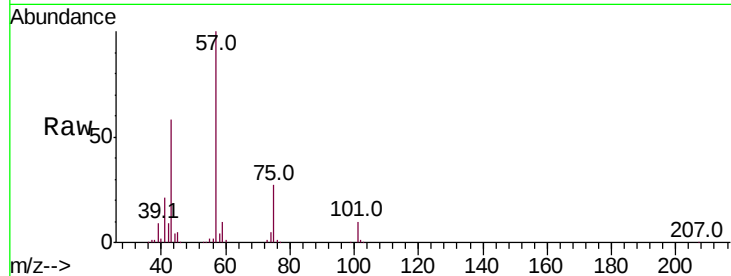


#54

cis-1,3-Dichloropropene
Concen: 6.299 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Instrument :
MSVOA_N
ClientSampled :

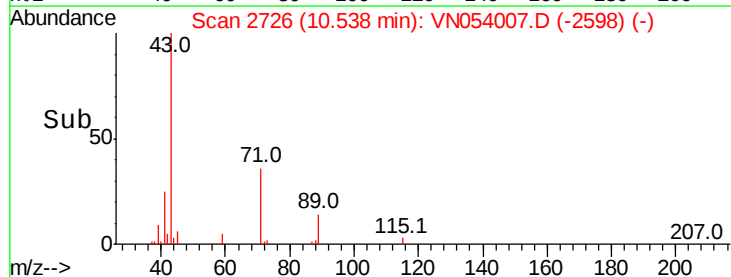
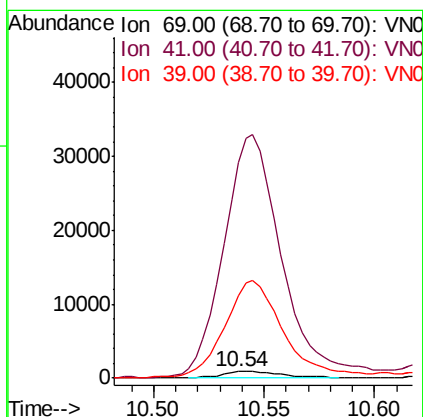
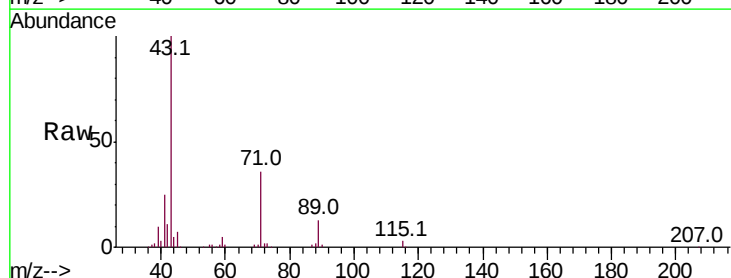
Tot Ion: 75 Resp: 76560
Ion Ratio Lower Upper
75 100
77 0.5 25.8 38.6#
39 34.6 31.4 47.0

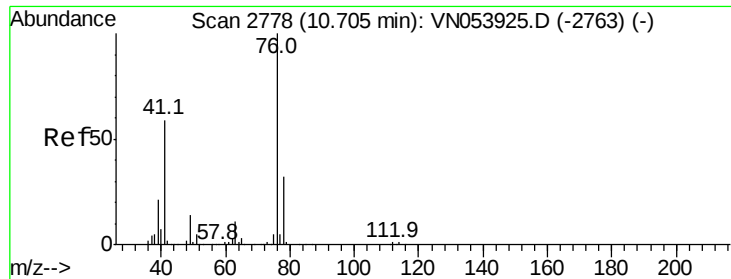


#56

Ethyl methacrylate
Concen: 2.132 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.11 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion: 69 Resp: 1709
Ion Ratio Lower Upper
69 100
41 3564.8 47.5 71.3#
39 1447.3 23.4 35.0#





#57

1,3-Dichloropropane

Concen: 1.062 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

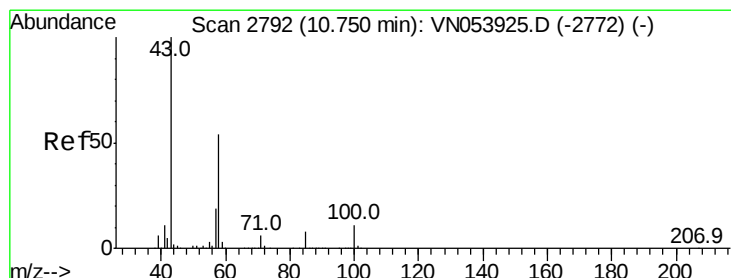
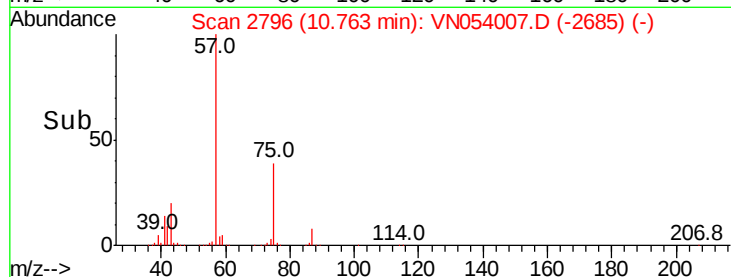
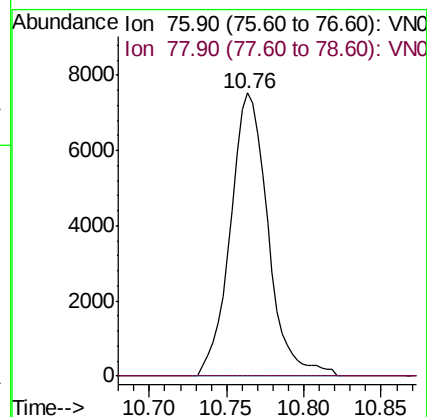
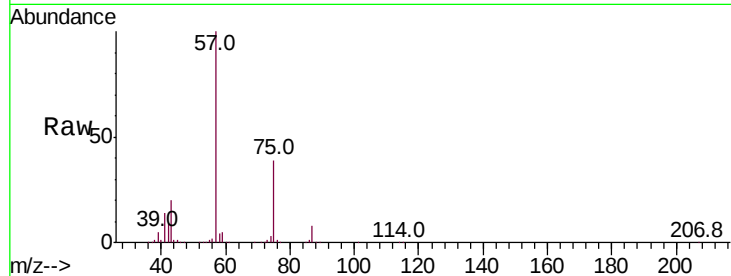
ClientSampleId :

Tot Ion: 76 Resp: 12671

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



#59

2-Hexanone

Concen: 46.875 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054007.D

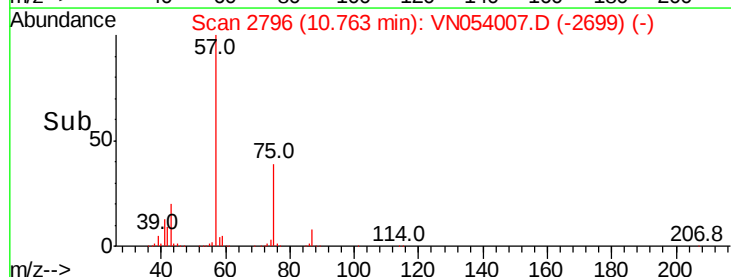
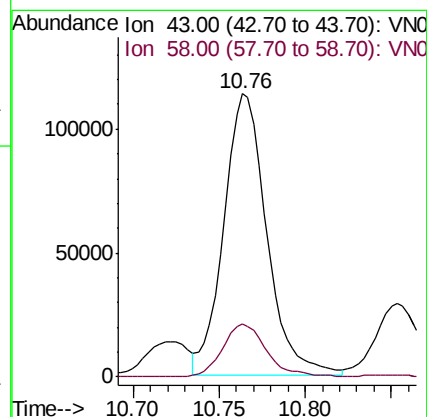
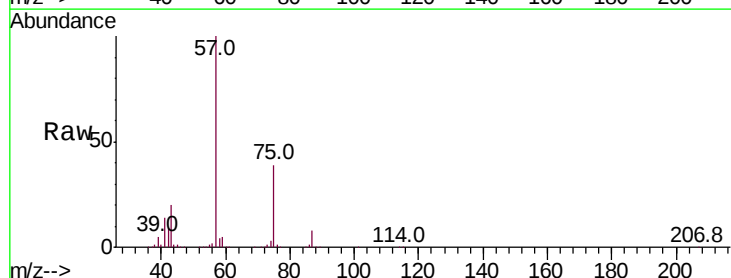
Acq: 28 Feb 2019 16:34

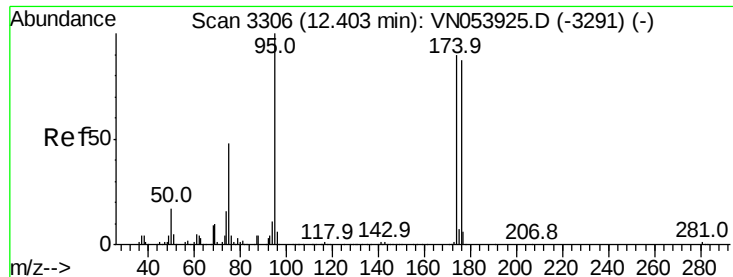
Tgt Ion: 43 Resp: 197344

Ion Ratio Lower Upper

43 100

58 19.4 29.1 87.4#

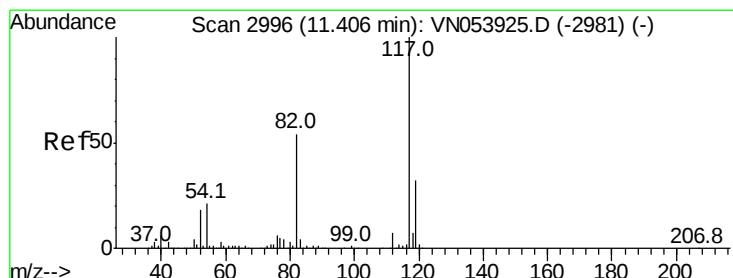
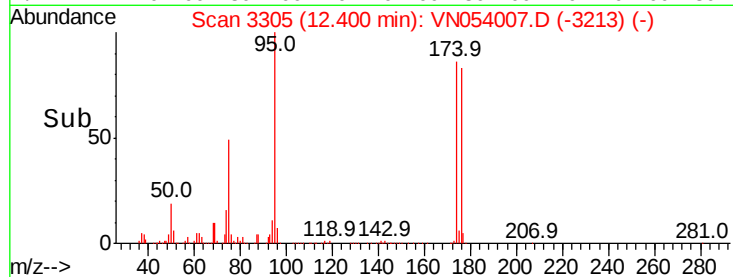
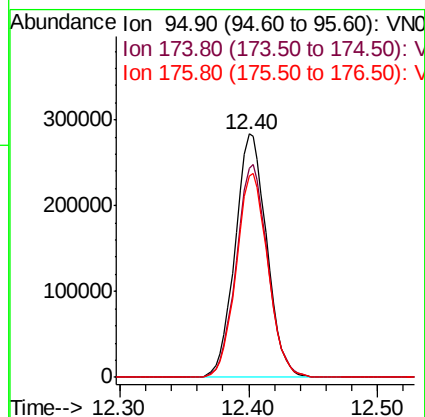
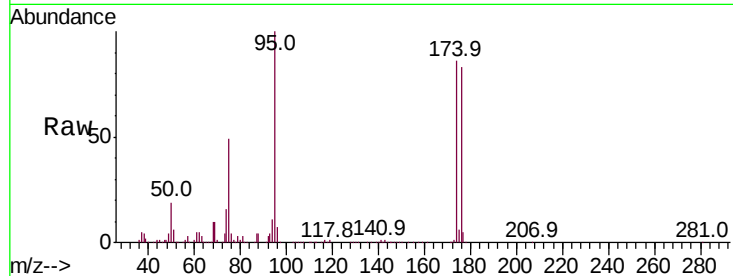




#62
4-Bromofluorobenzene
Concen: 53.574 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

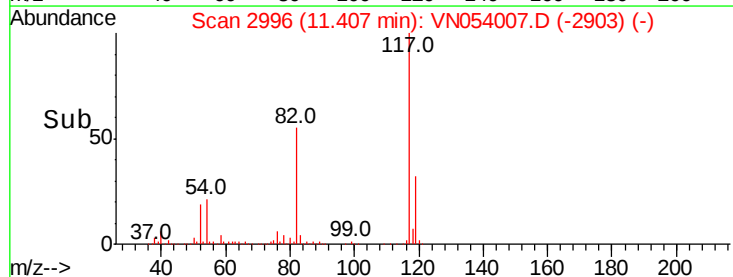
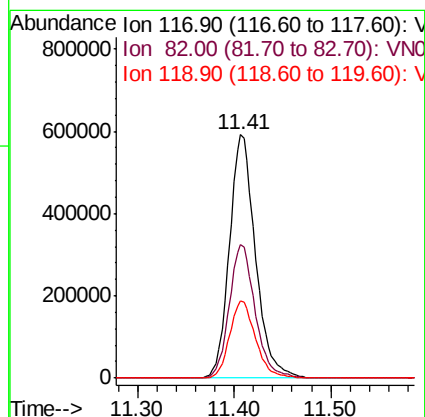
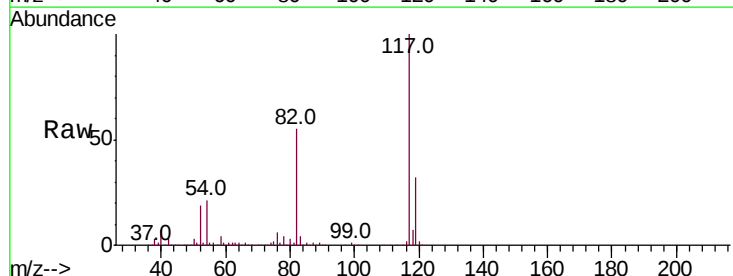
Instrument :
MSVOA_N
ClientSampleId :

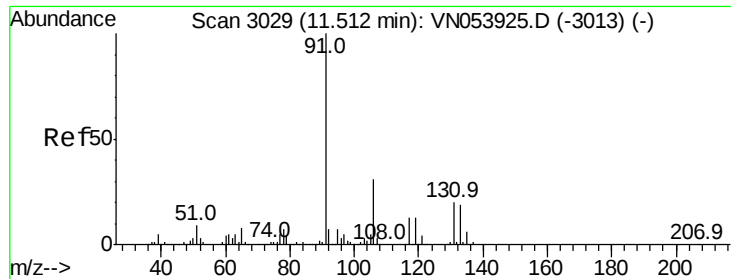
Tot Ion: 95 Resp: 482768
Ion Ratio Lower Upper
95 100
174 87.3 0.0 188.8
176 83.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion: 117 Resp: 1103320
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.8 25.3 37.9

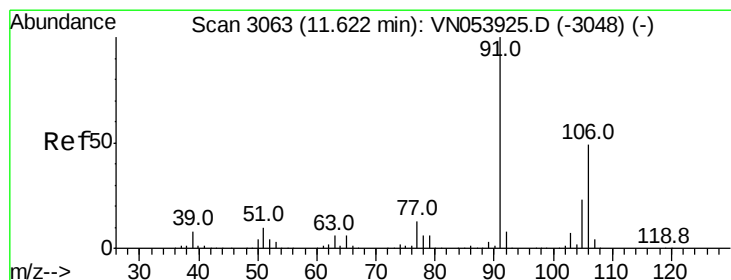
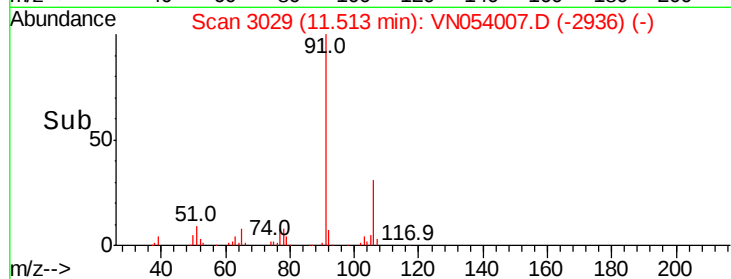
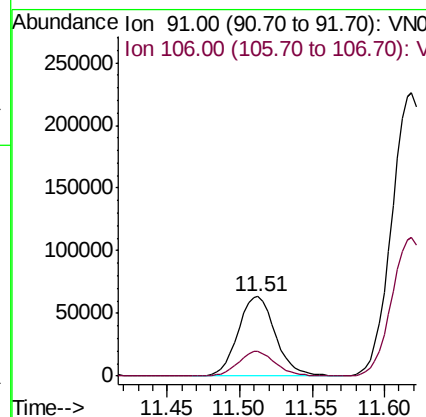
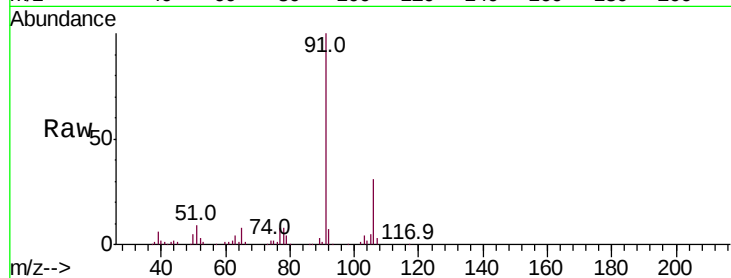




#67
Ethyl Benzene
Concen: 2.922 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

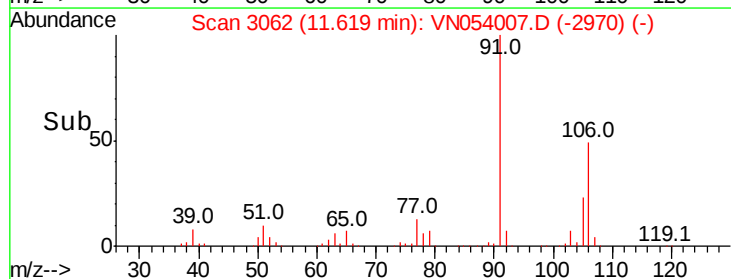
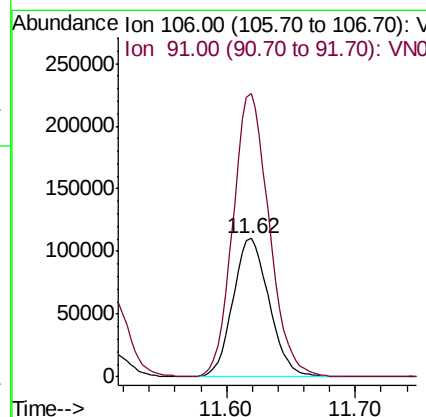
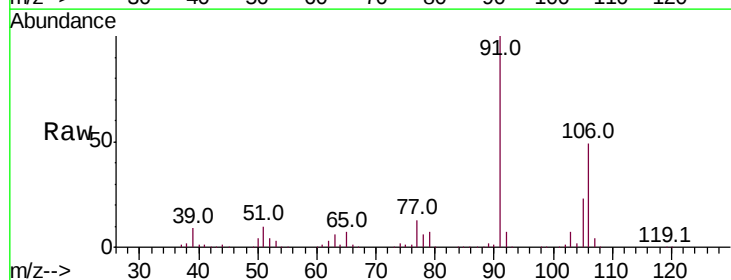
Instrument :
MSVOA_N
ClientSampled :

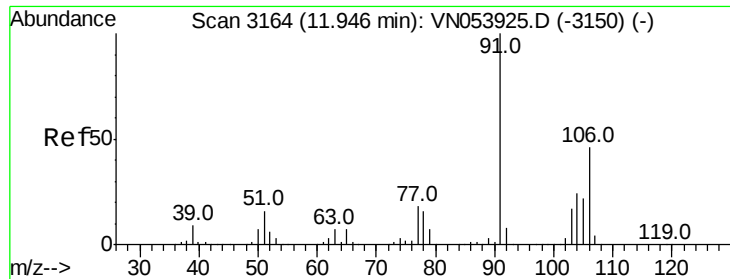
Tot Ion: 91 Resp: 114045
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 14.596 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion: 106 Resp: 215051
Ion Ratio Lower Upper
106 100
91 204.9 158.9 238.3





#69

o-Xylene

Concen: 6.519 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

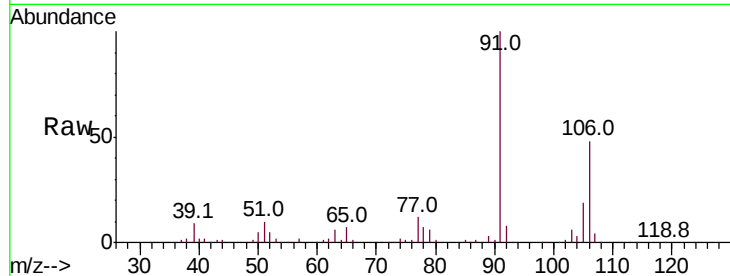
ClientSampled :

Tot Ion:106 Resp: 94368

Ion Ratio Lower Upper

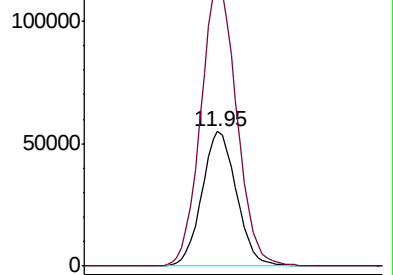
106 100

91 217.9 106.0 318.0

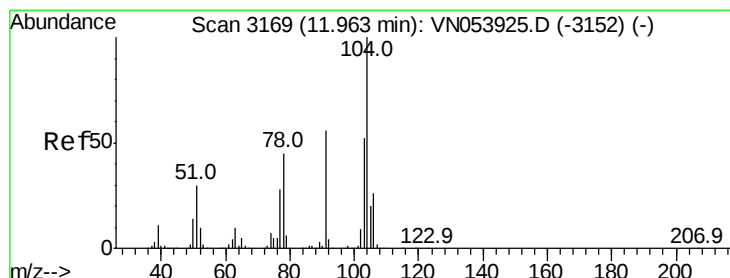
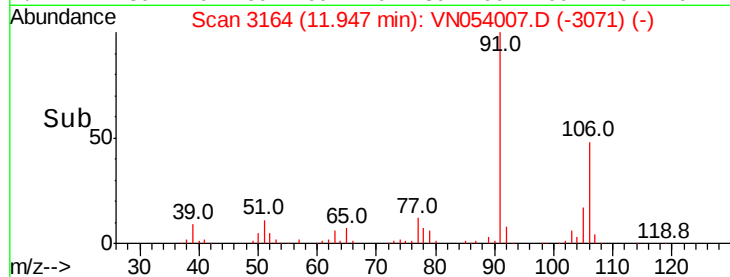


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



Time-->



#70

Styrene

Concen: 0.301 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

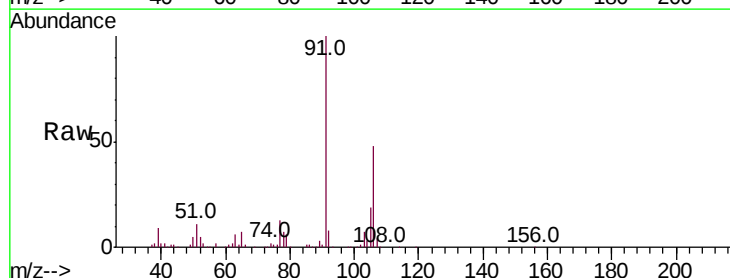
Tgt Ion:104 Resp: 6695

Ion Ratio Lower Upper

104 100

78 219.0 38.1 57.1#

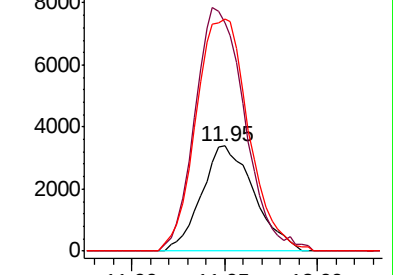
103 221.1 44.6 67.0#



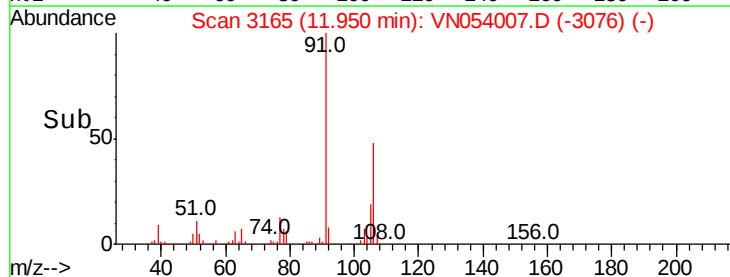
Abundance Ion 104.00 (103.70 to 104.70): V

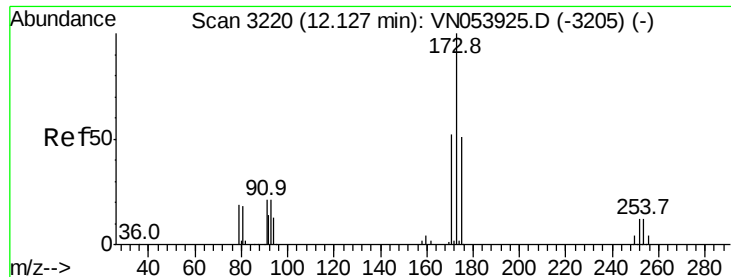
Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 0.601 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

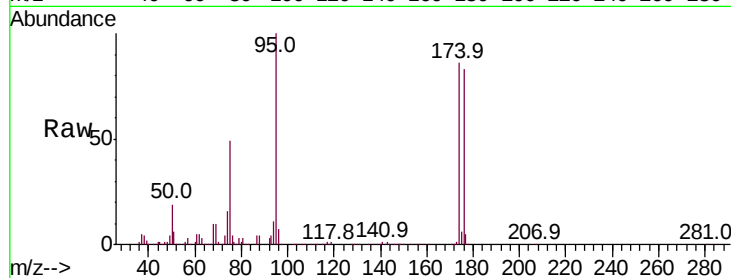
Tot Ion:173 Resp: 3508

Ion Ratio Lower Upper

173 100

175 773.6 24.3 72.8#

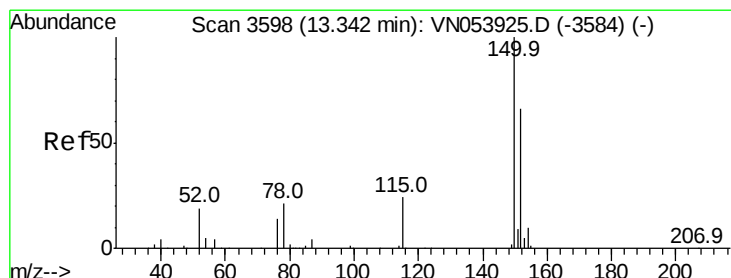
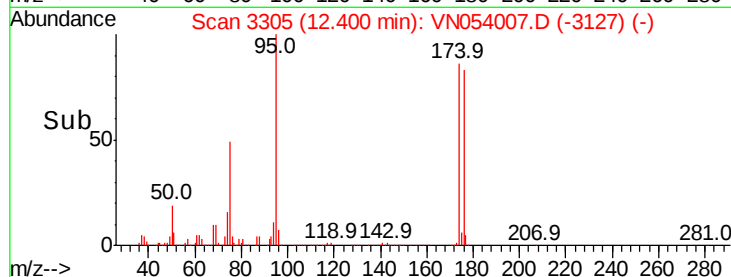
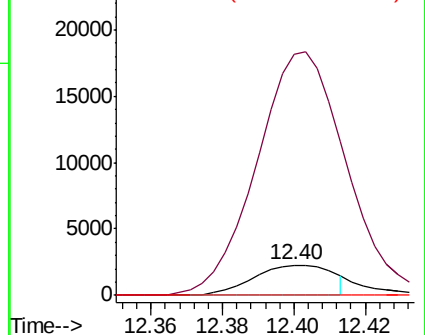
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

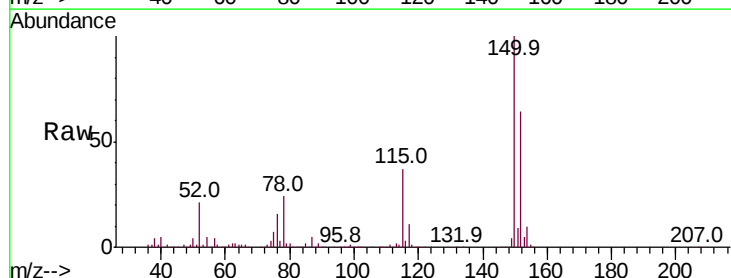
Tgt Ion:152 Resp: 429335

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

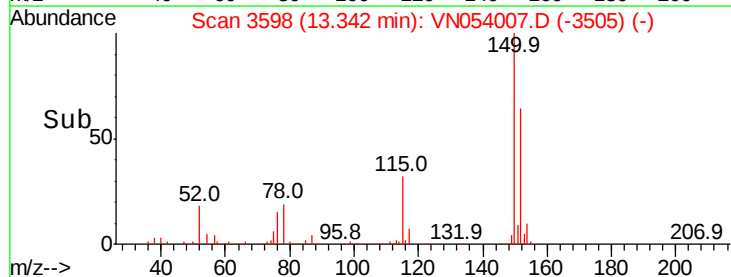
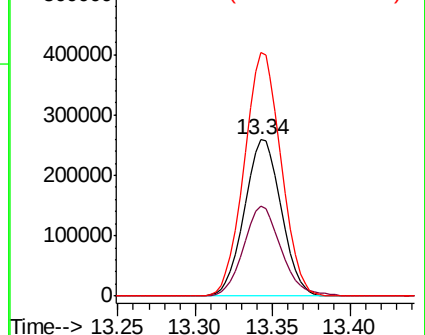
150 155.8 0.0 348.2

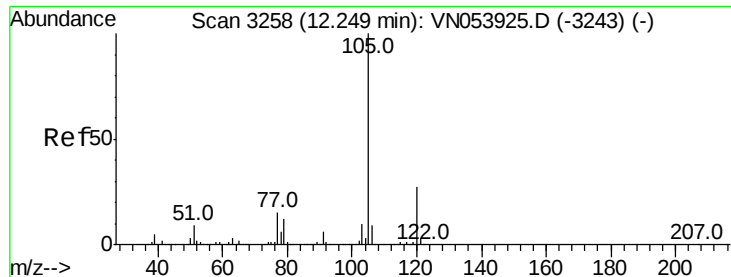


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.211 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

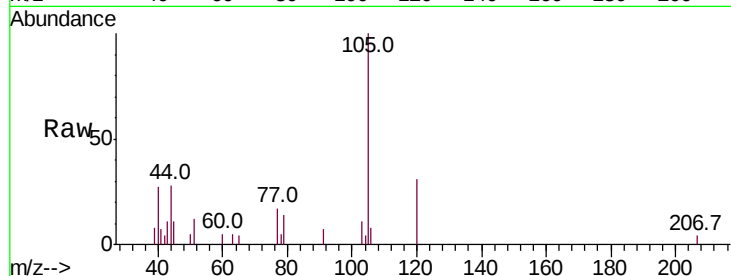
ClientSampleId :

Tot Ion:105 Resp: 7043

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

4000

3000

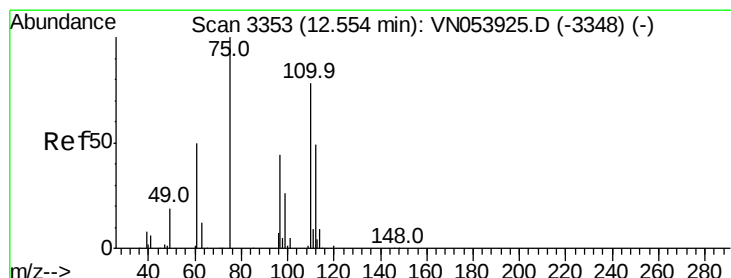
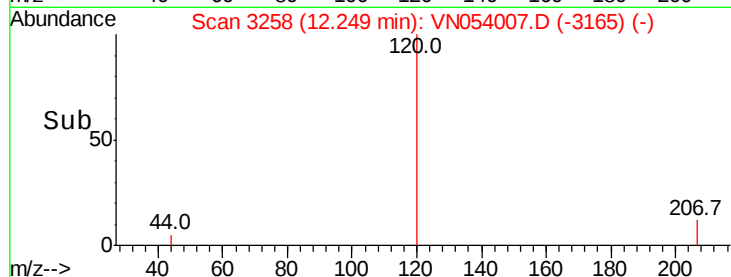
2000

1000

0

Time-->

12.20 12.25 12.30



#76

1,2,3-Trichloropropane

Concen: 34.360 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054007.D

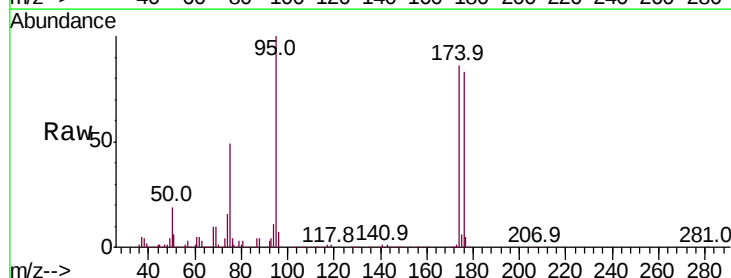
Acq: 28 Feb 2019 16:34

Tgt Ion: 75 Resp: 236646

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

150000

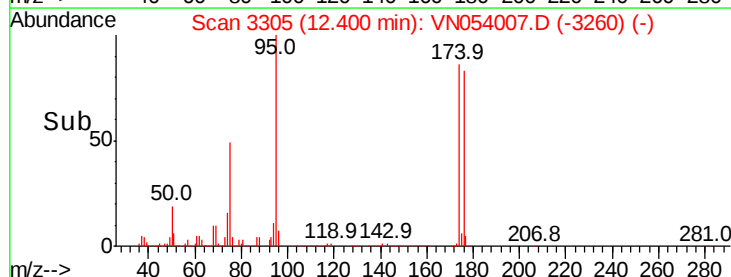
100000

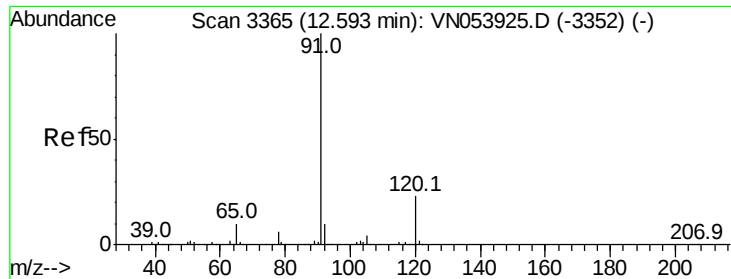
50000

0

Time-->

12.30 12.40 12.50





#78

n-propylbenzene

Concen: 1.175 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

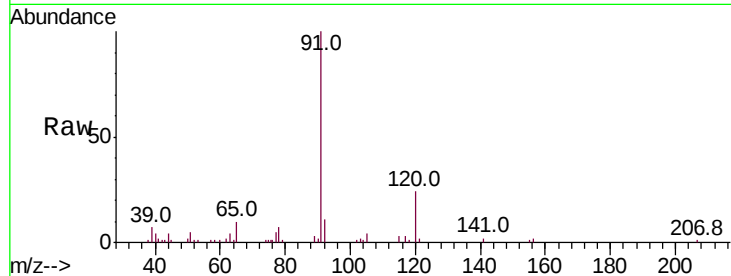
ClientSampleId :

Tot Ion: 91 Resp: 44671

Ion Ratio Lower Upper

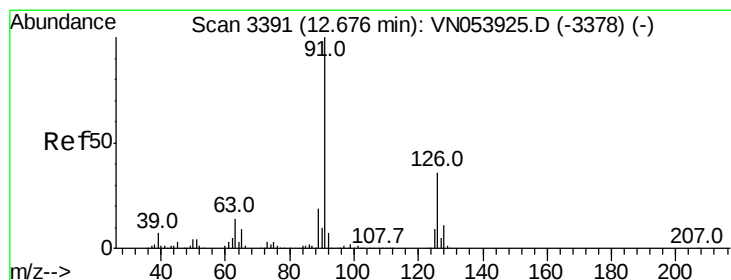
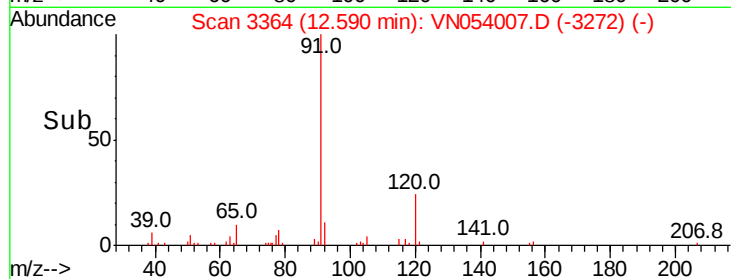
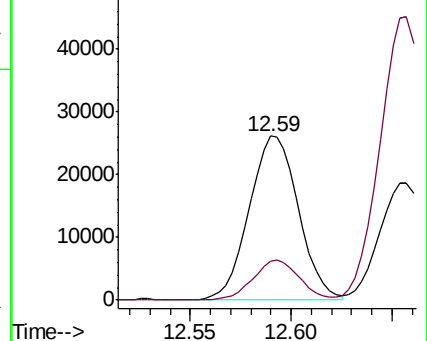
91 100

120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.249 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054007.D

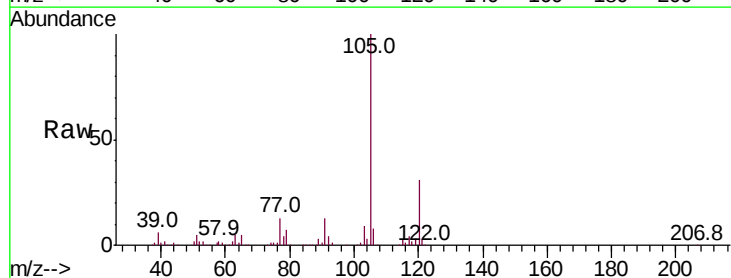
Acq: 28 Feb 2019 16:34

Tgt Ion: 91 Resp: 28529

Ion Ratio Lower Upper

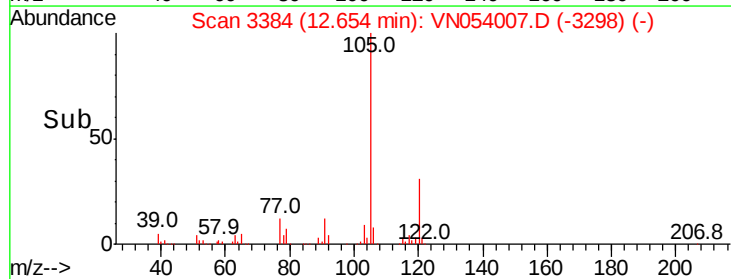
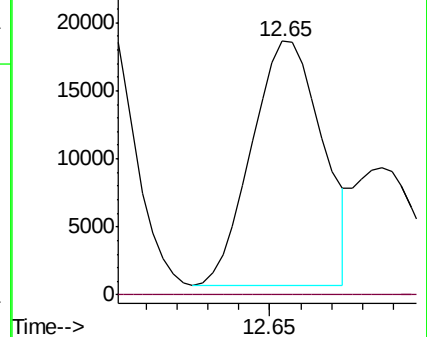
91 100

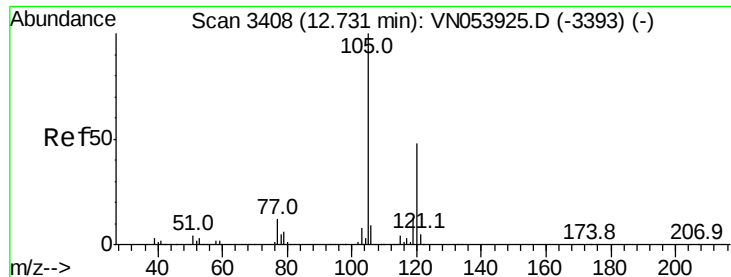
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 6.170 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

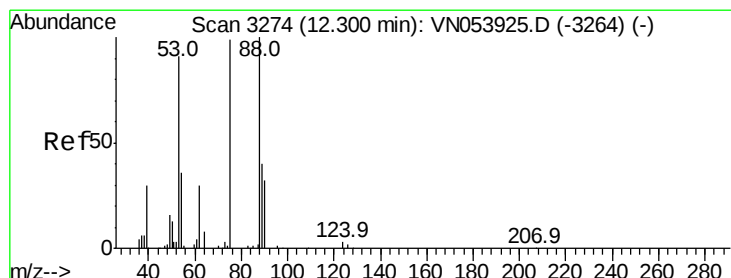
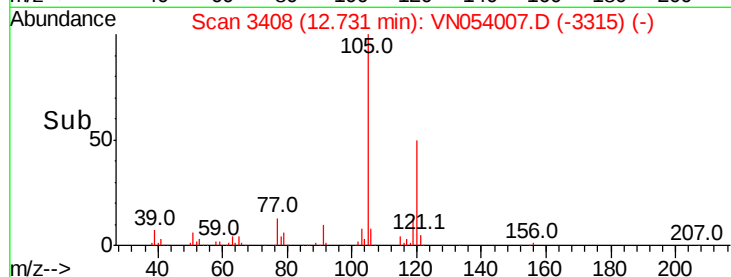
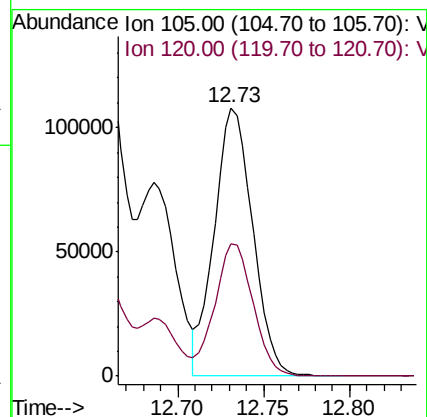
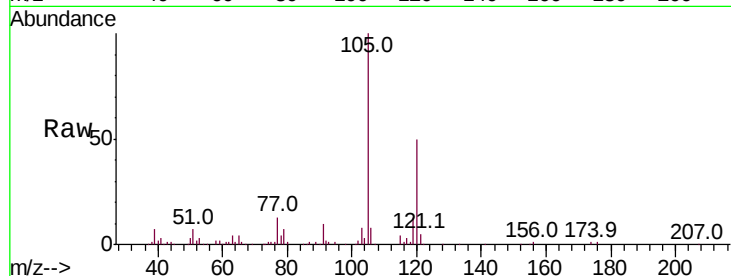
ClientSampleId :

Tot Ion:105 Resp: 168826

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 108.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

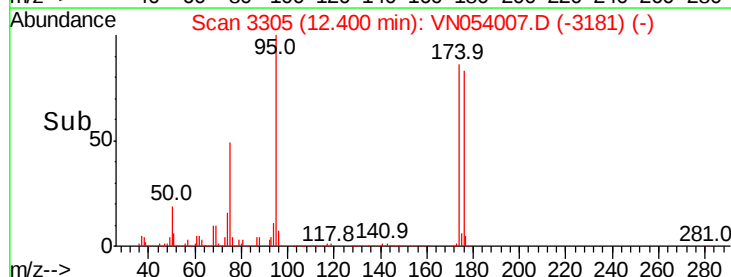
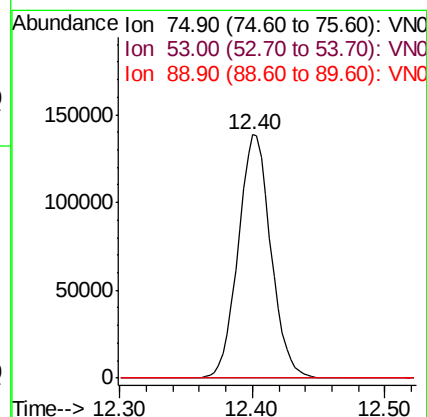
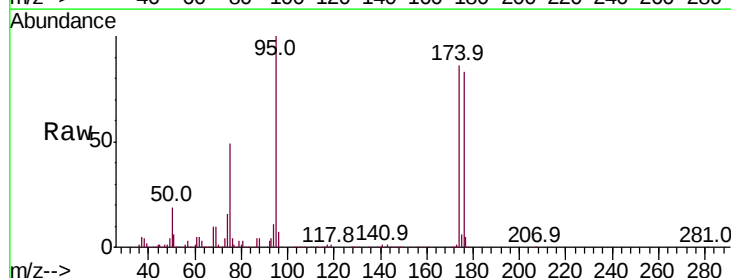
Tgt Ion: 75 Resp: 236646

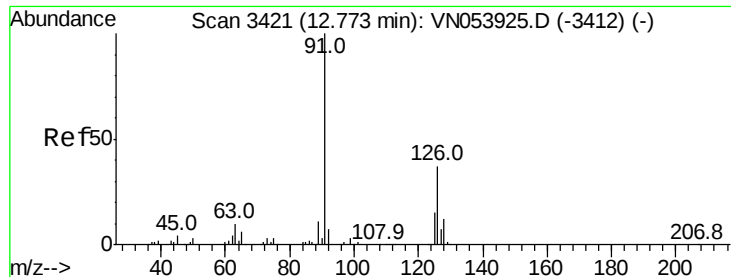
Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

89 0.0 35.3 52.9#





#82

4-Chlorotoluene

Concen: 0.746 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

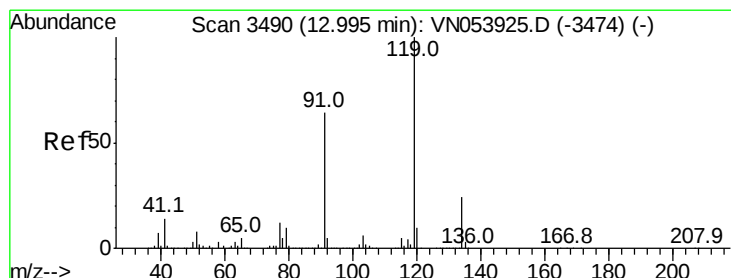
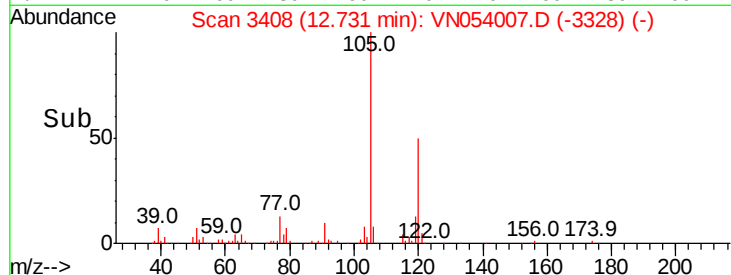
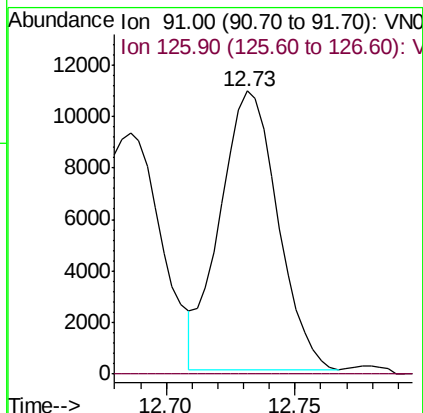
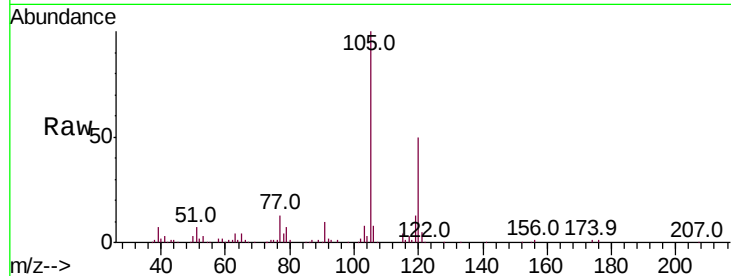
ClientSampleId :

Tot Ion: 91 Resp: 16824

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#83

tert-Butylbenzene

Concen: 4.343 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

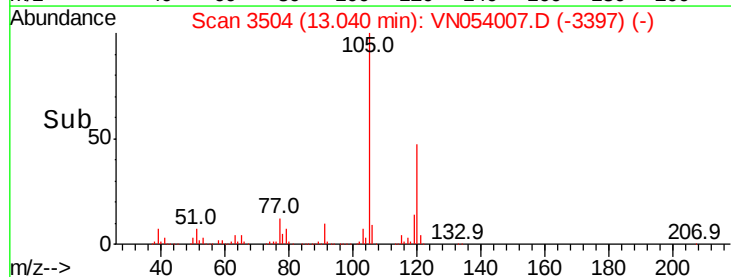
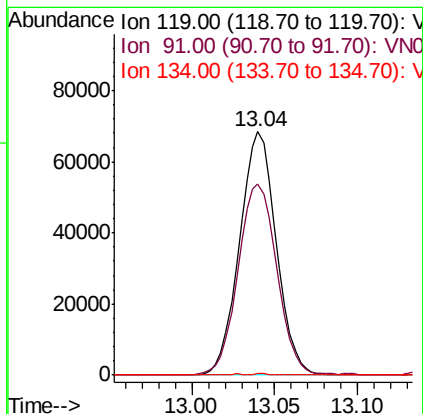
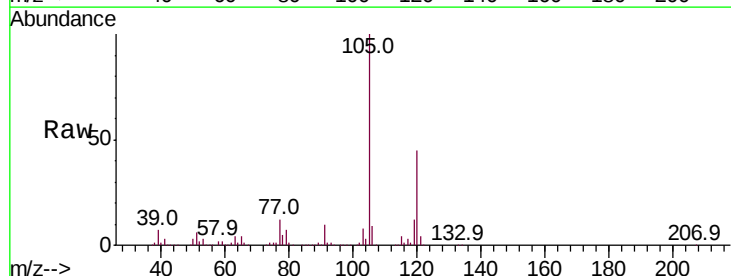
Tgt Ion: 119 Resp: 105089

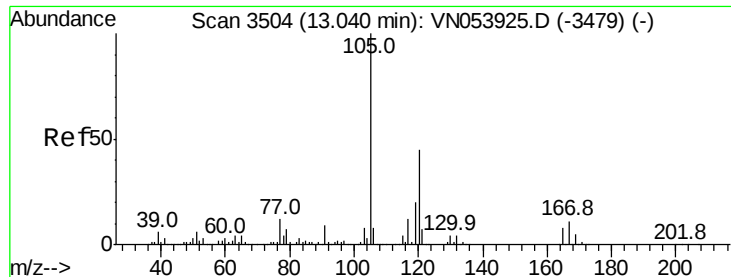
Ion Ratio Lower Upper

119 100

91 83.4 30.6 91.8

134 0.2 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 31.487 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

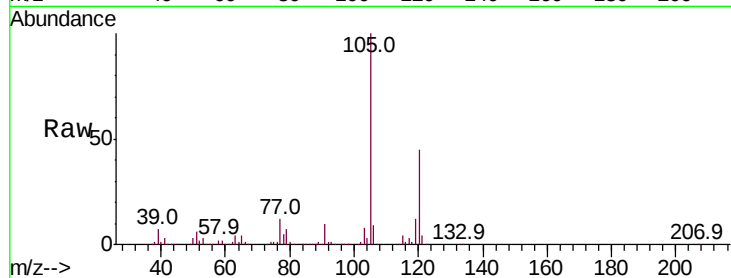
ClientSampleId :

Tot Ion:105 Resp: 860085

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

600000

500000

400000

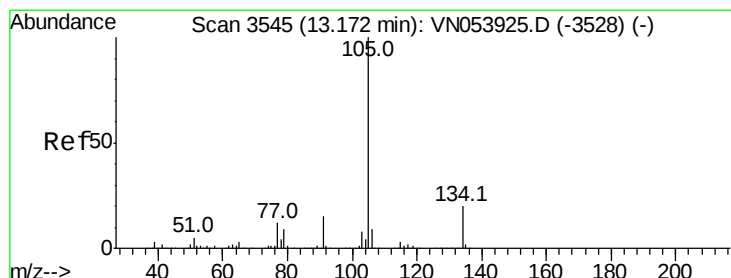
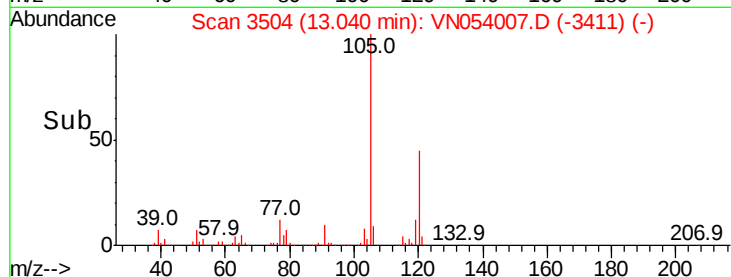
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 26.023 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054007.D

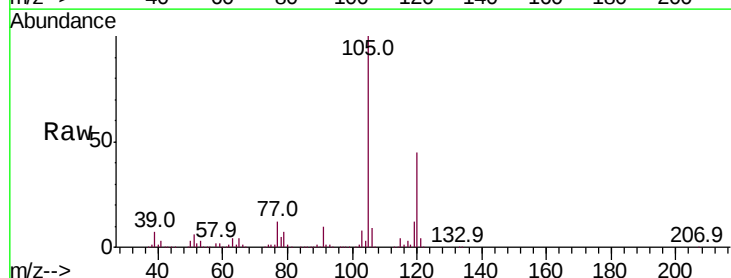
Acq: 28 Feb 2019 16:34

Tgt Ion:105 Resp: 860085

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

600000

500000

400000

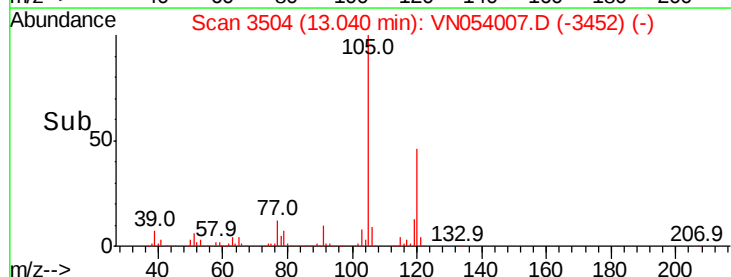
300000

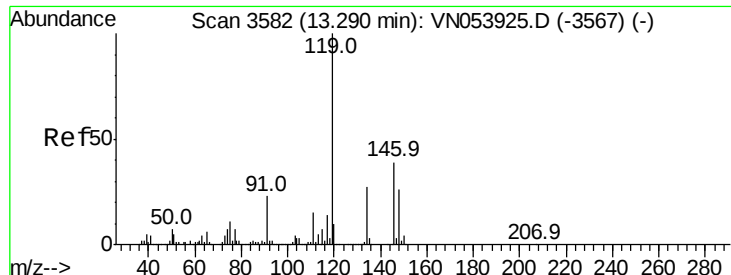
200000

100000

0

Time-->





#86

p-Isopropyltoluene

Concen: 0.595 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.06 min

Lab File: VN054007.D

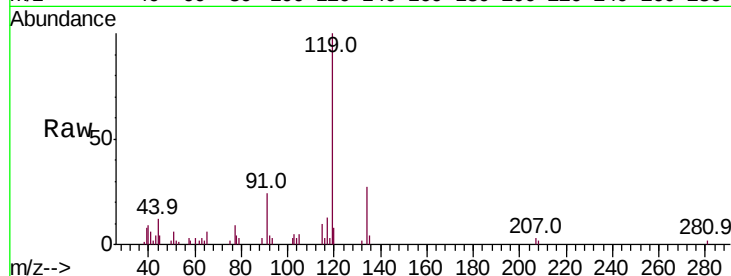
Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

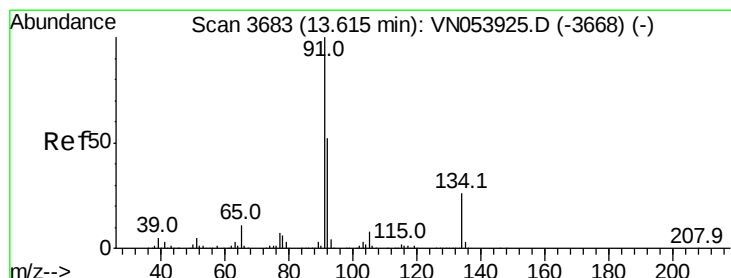
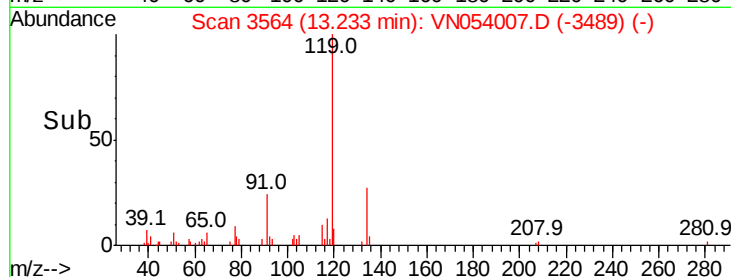
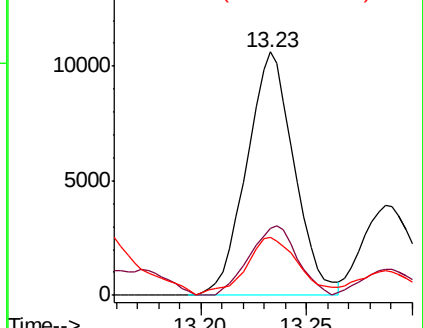
Tot Ion:	119	Resp:	16628
Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.5	40.4
91	26.4	10.9	32.6



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



#89

n-Butylbenzene

Concen: 0.241 ug/l

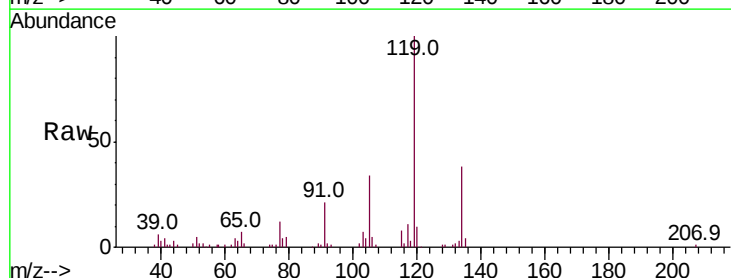
RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

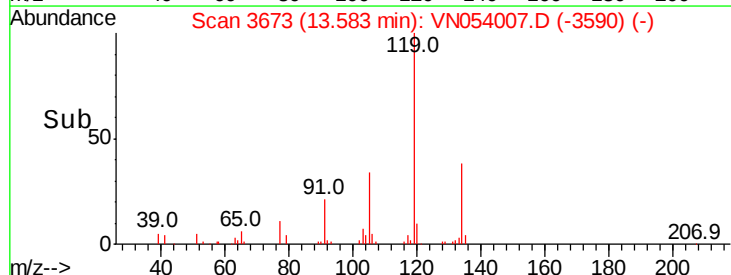
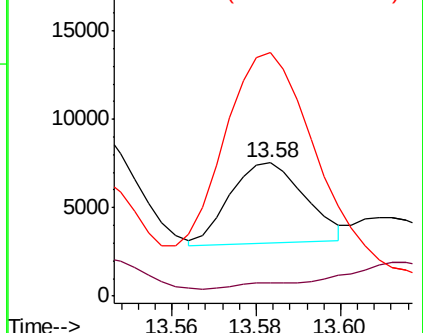
Tgt Ion:	91	Resp:	5672
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.1	78.2#
134	427.3	13.6	40.8#

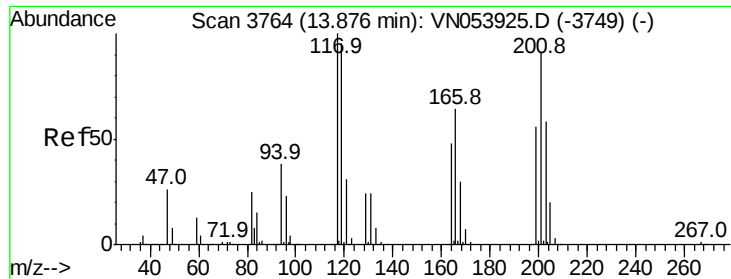


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.841 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

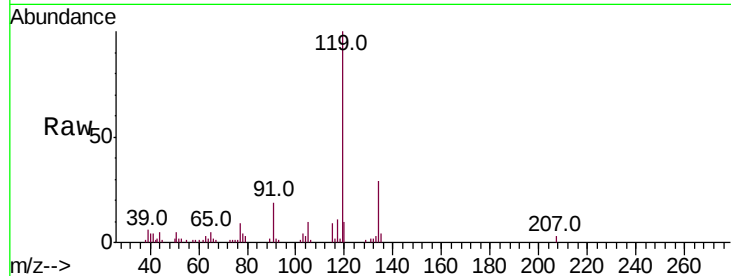
ClientSampled :

Tot Ion:117 Resp: 4552

Ion Ratio Lower Upper

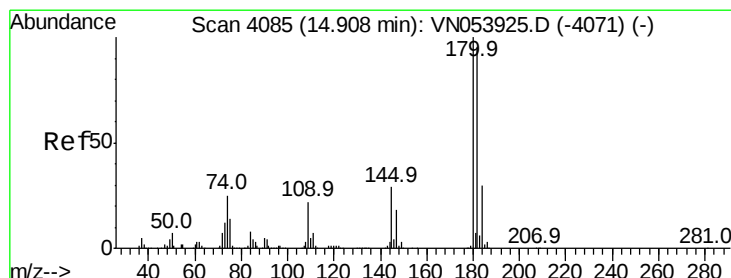
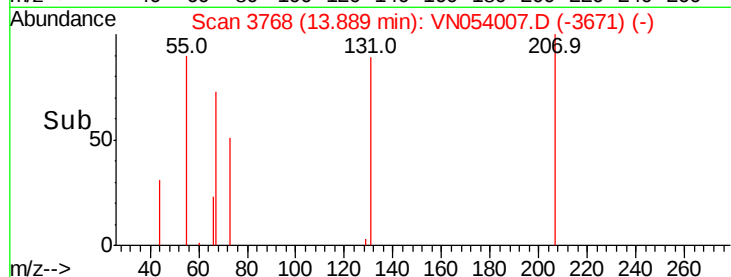
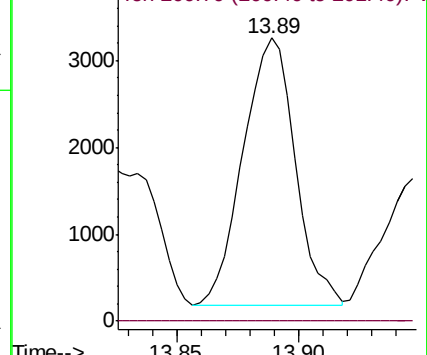
117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.235 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

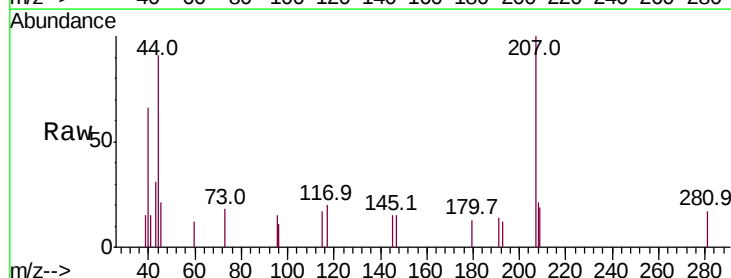
Tgt Ion:180 Resp: 105

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

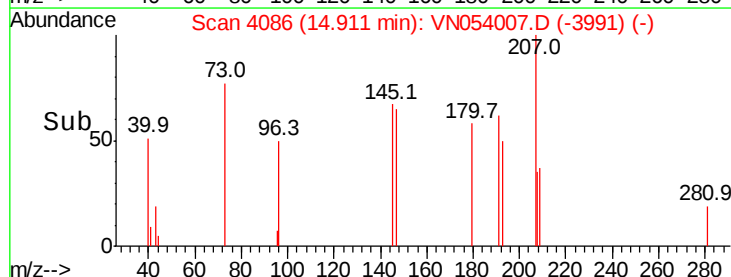
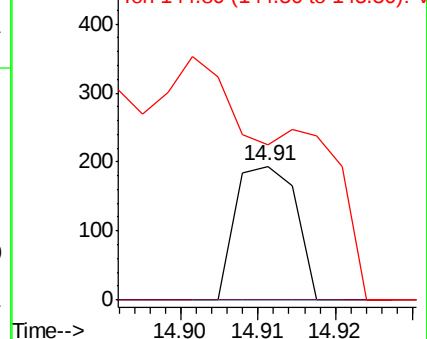
145 0.0 13.8 41.3#

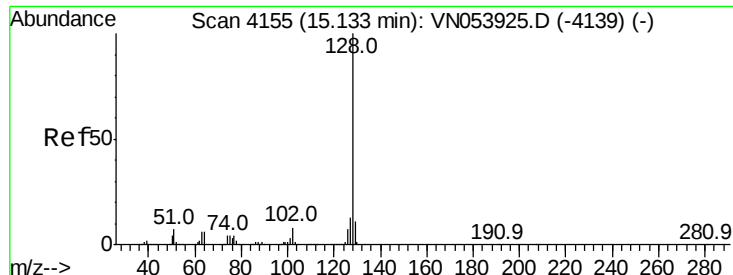


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.107 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

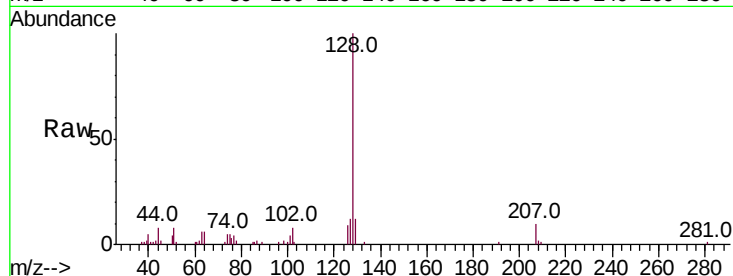
Tot Ion:128 Resp: 34435

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 12.2 8.6 12.8



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

