

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054224.D
 Acq On : 13 Mar 2019 20:30
 Operator : JC/SP
 Sample : K1844-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:21:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1364256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2263252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2352680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1086772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	758213	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
35) Dibromofluoromethane	7.59	113	711665	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	10.09	98	2784874	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.40	95	1086262	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	212	1.507	ug/l #	79
11) Tert butyl alcohol	4.83	59	1282	1.291	ug/l #	71
13) Acrolein	3.61	56	1503	1.597	ug/l #	77
16) Acetone	3.82	43	267327	64.441	ug/l	100
17) Carbon Disulfide	4.04	76	20879	0.588	ug/l	98
20) Methylene Chloride	4.56	84	8022	0.589	ug/l #	77
25) 2-Butanone	6.86	43	34954	7.179	ug/l	97
31) Cyclohexane	7.67	56	20962	Below Cal	#	10
36) 1,1-Dichloropropene	7.67	75	77387	3.713	ug/l #	48
37) Ethyl Acetate	6.86	43	34954	2.919	ug/l #	68
38) Carbon Tetrachloride	7.67	117	112743	5.158	ug/l #	16
43) Isopropyl Acetate	8.30	43	17654	0.840	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	7621	0.685	ug/l	94
52) Toluene	10.16	92	29118	0.770	ug/l	94
53) t-1,3-Dichloropropene	10.17	75	320	1.999	ug/l #	74
59) 2-Hexanone	10.75	43	1712	0.231	ug/l	74
67) Ethyl Benzene	11.51	91	107201	1.252	ug/l	98
68) m/p-Xylenes	11.62	106	119693	3.576	ug/l	98
69) o-Xylene	11.95	106	59814	1.833	ug/l	96
71) Bromoform	12.40	173	7504	2.851	ug/l #	1
73) Isopropylbenzene	12.25	105	35378	0.407	ug/l	96
74) N-amyl acetate	12.03	43	34819	1.804	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	526602	32.951	ug/l #	100
78) n-propylbenzene	12.59	91	90991	0.964	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	91984	1.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	526602	112.640	ug/l #	11
83) tert-Butylbenzene	13.04	119	50481	0.758	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.04	105	425190	5.993	ug/l	99
85) sec-Butylbenzene	13.17	105	18080	0.209	ug/l #	67
86) p-Isopropyltoluene	13.29	119	64023	0.845	ug/l	99
89) n-Butylbenzene	13.61	91	18630	0.324	ug/l #	67
90) Hexachloroethane	13.89	117	16149	1.288	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1210	0.422	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	343	2.531	ug/l #	47

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

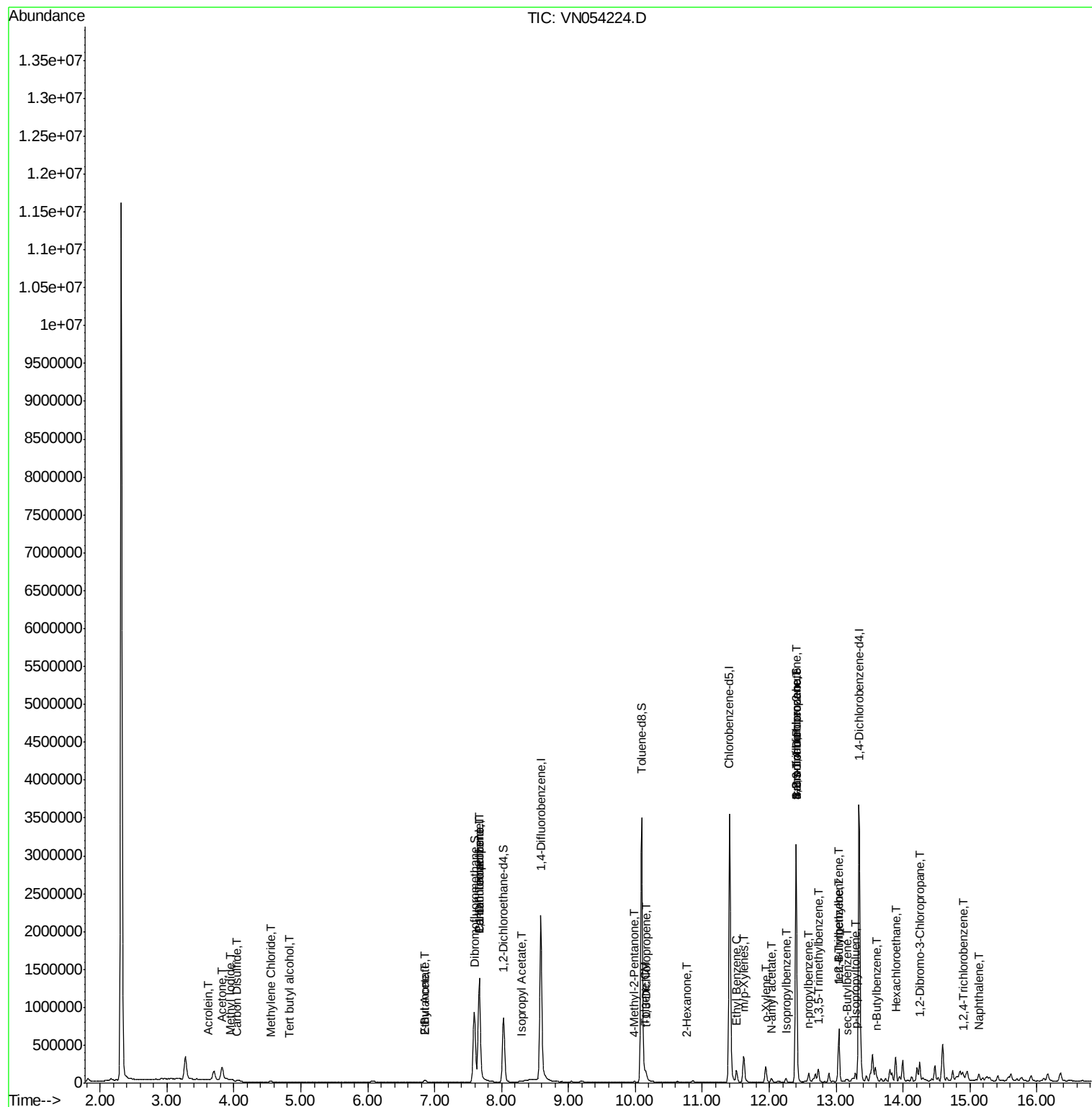
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	76513	4.964	ug/l	99

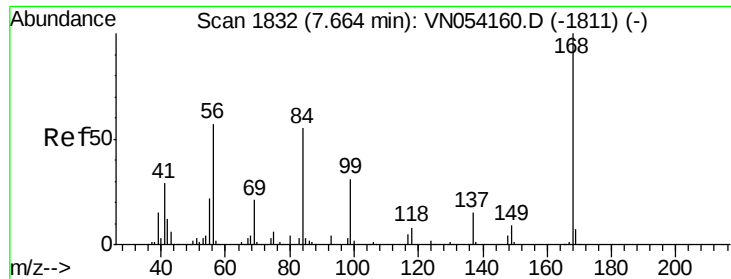
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

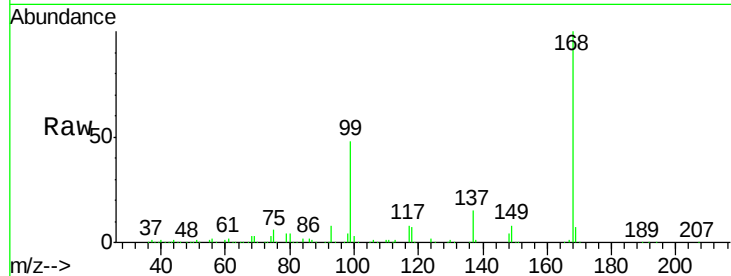
ClientSampled :

Tot Ion:168 Resp: 1364256

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

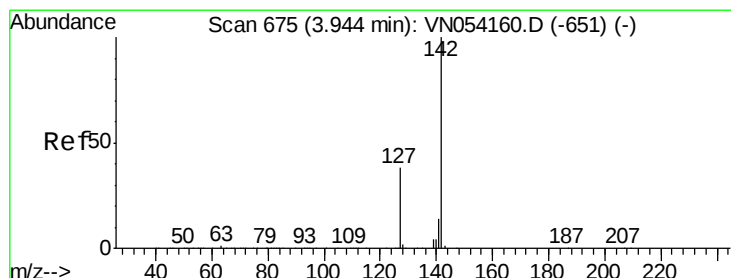
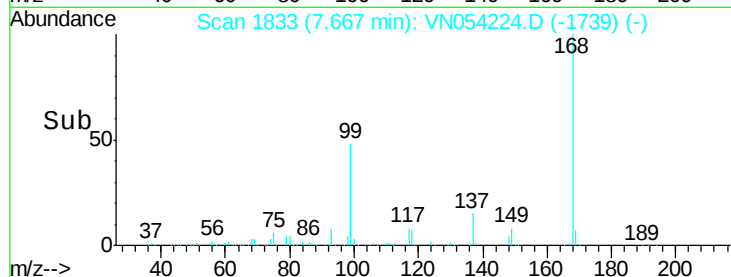
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#10

Methyl Iodide

Concen: 1.507 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

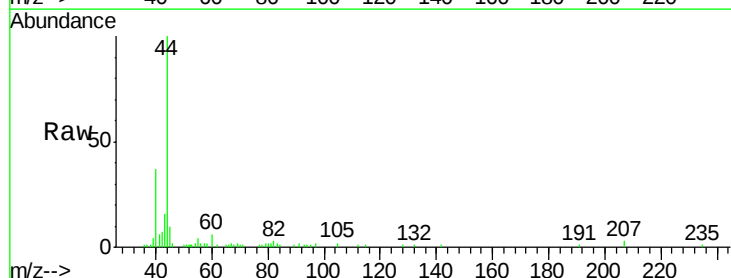
Tgt Ion:142 Resp: 212

Ion Ratio Lower Upper

142 100

127 31.1 30.3 45.5

141 33.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.94

300

250

200

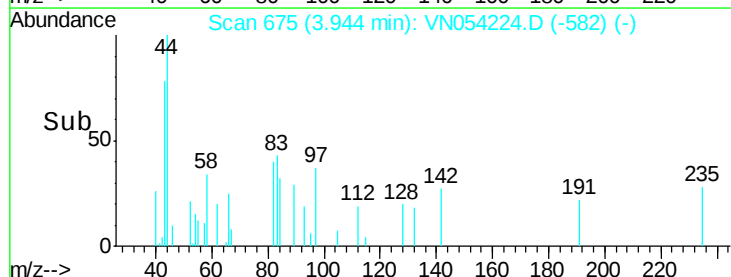
150

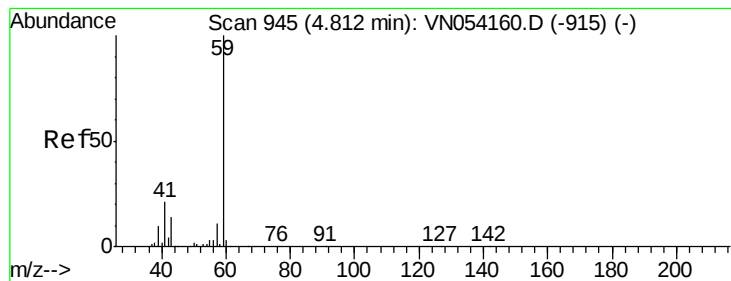
100

50

0

Time--> 3.92 3.94 3.96



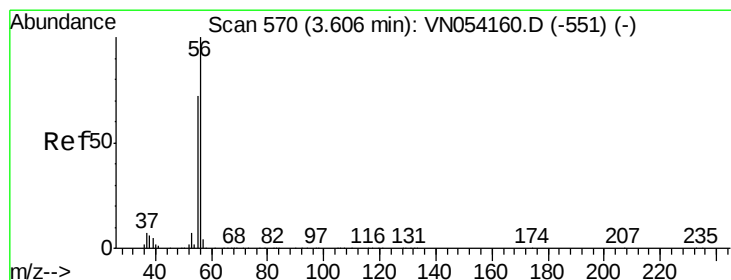
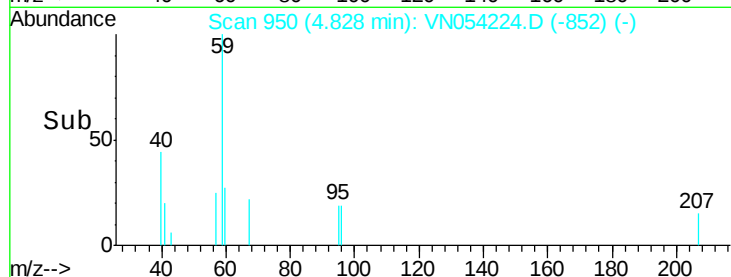
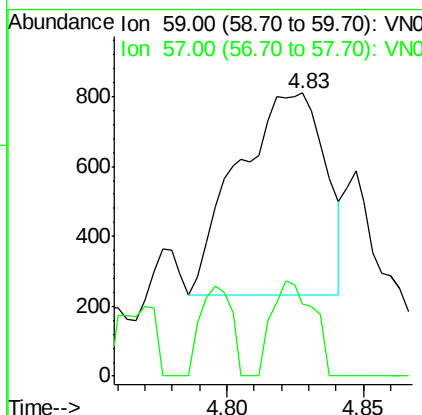
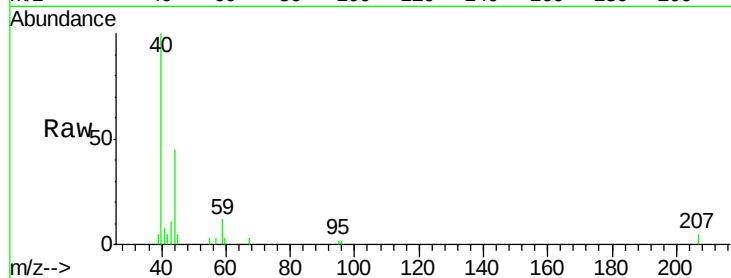


#11

Tert butyl alcohol
 Concen: 1.291 ug/l
 RT: 4.83 min Scan# 950
 Delta R.T. 0.02 min
 Lab File: VN054224.D
 Acq: 13 Mar 2019 20:30

Instrument :
 MSVOA_N
 ClientSampled :

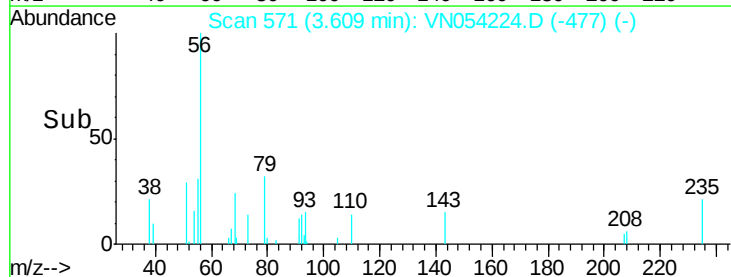
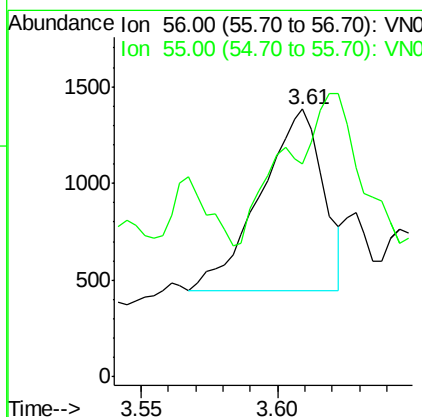
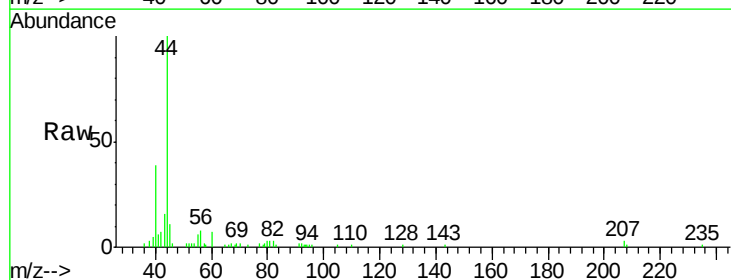
Tot Ion: 59 Resp: 1282
 Ion Ratio Lower Upper
 59 100
 57 22.4 9.0 13.6#

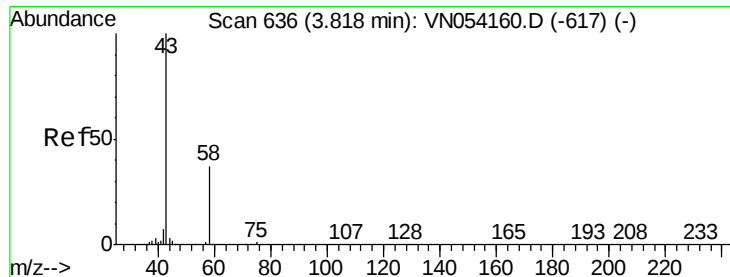


#13

Acrolein
 Concen: 1.597 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN054224.D
 Acq: 13 Mar 2019 20:30

Tgt Ion: 56 Resp: 1503
 Ion Ratio Lower Upper
 56 100
 55 51.6 56.7 85.1#





#16

Acetone

Concen: 64.441 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

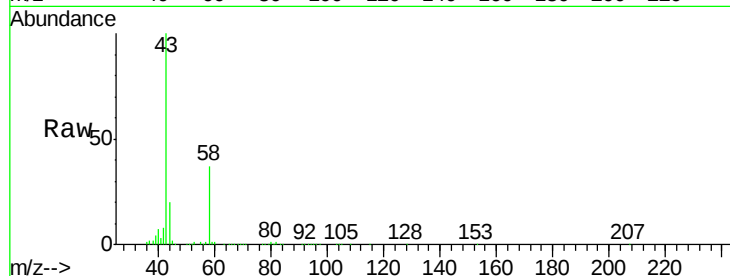
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 267327

Ion Ratio Lower Upper

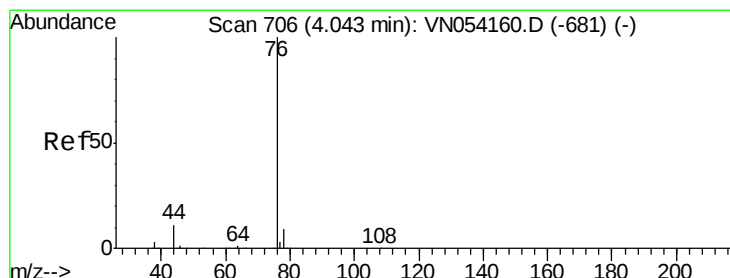
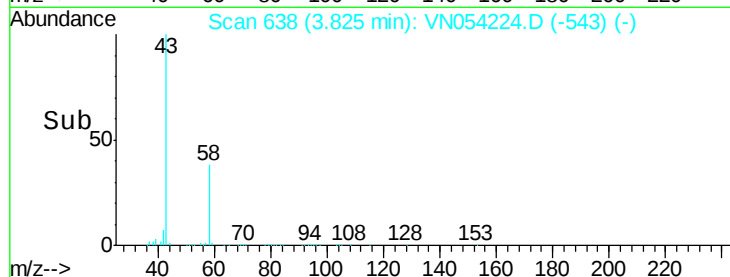
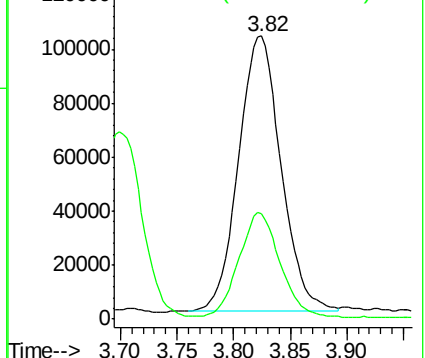
43 100

58 37.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.588 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054224.D

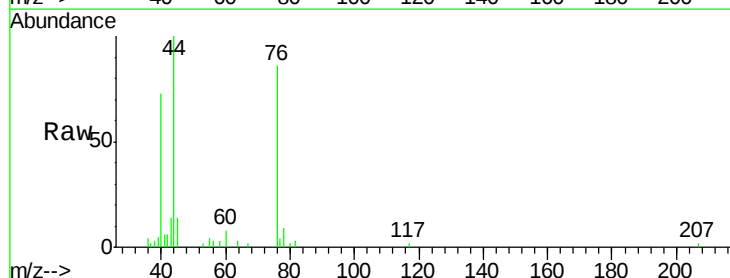
Acq: 13 Mar 2019 20:30

Tgt Ion: 76 Resp: 20879

Ion Ratio Lower Upper

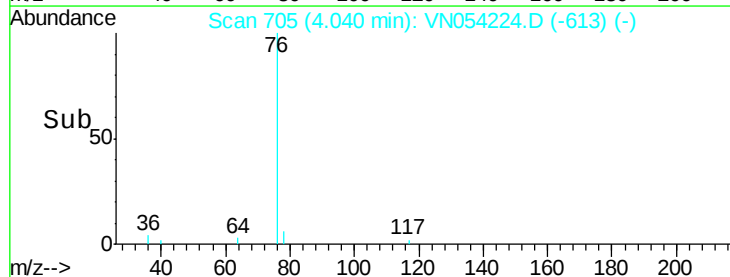
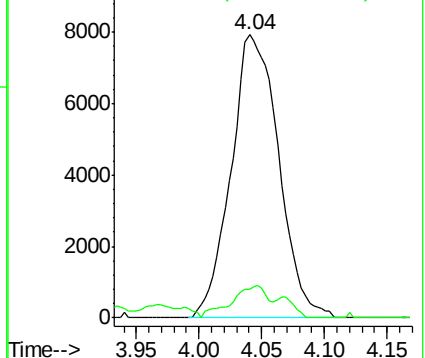
76 100

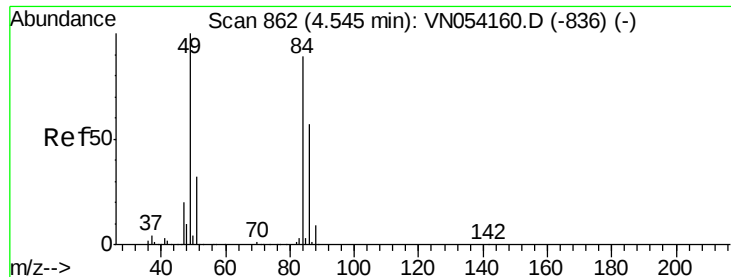
78 10.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

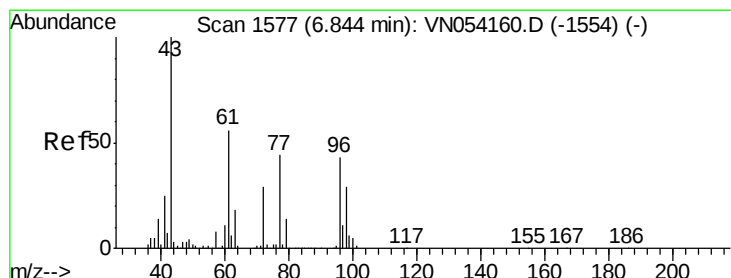
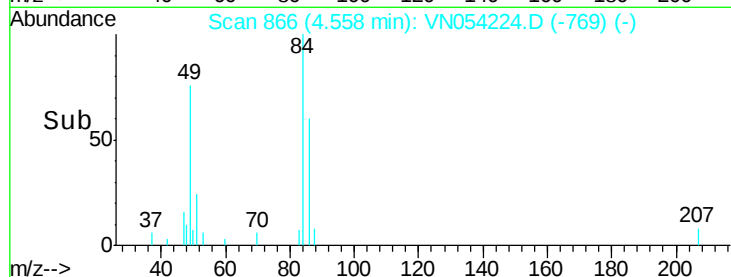
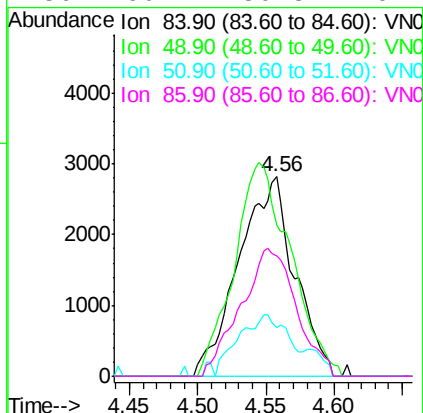
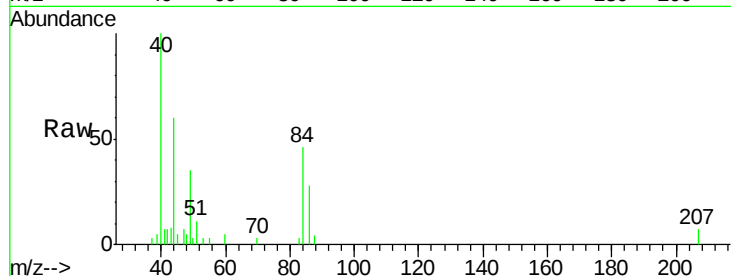




#20
Methvlene Chloride
Concen: 0.589 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

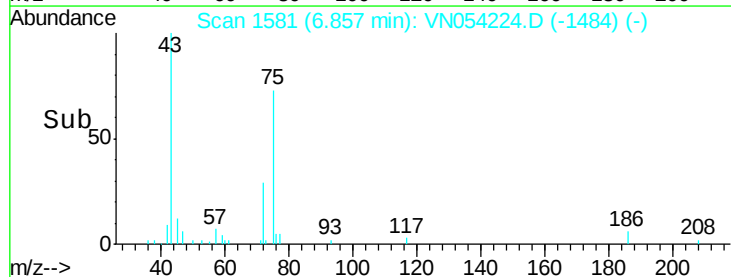
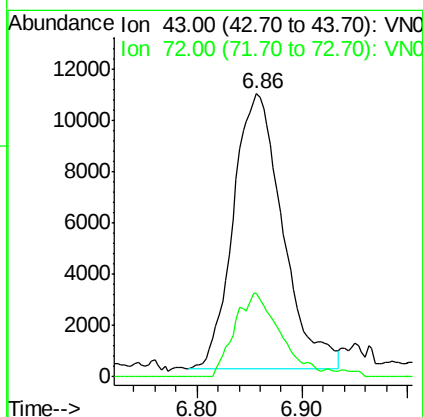
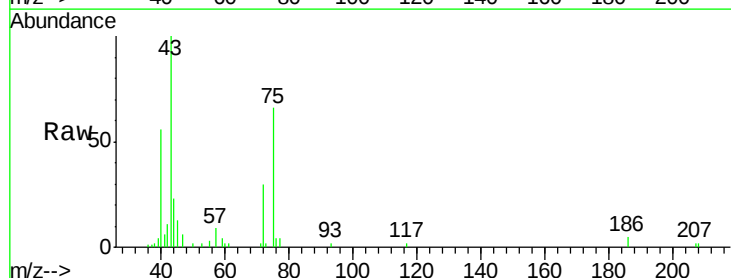
Instrument :
MSVOA_N
ClientSampleId :

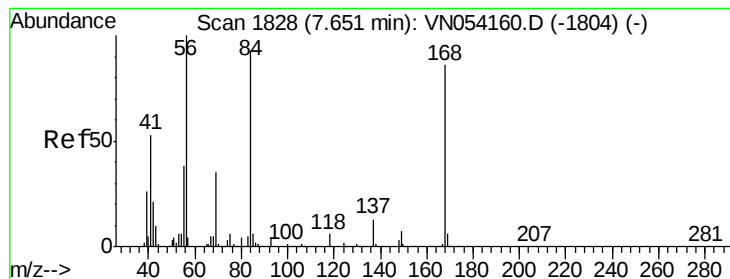
Tot Ion: 84 Resp: 8022
Ion Ratio Lower Upper
84 100
49 75.5 89.7 134.5#
51 24.4 28.2 42.4#
86 60.1 50.8 76.2



#25
2-Butanone
Concen: 7.179 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

Tgt Ion: 43 Resp: 34954
Ion Ratio Lower Upper
43 100
72 30.6 23.0 34.6





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :
MSVOA_N
ClientSampled :

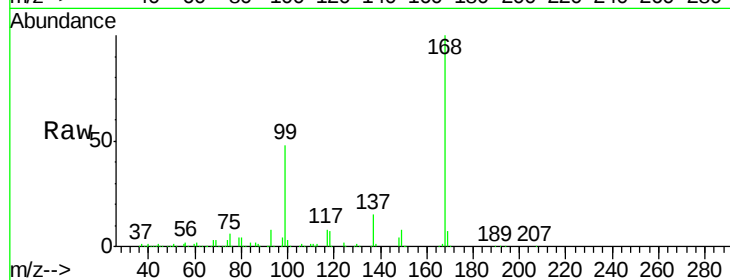
Tot Ion: 56 Resp: 20962

Ion Ratio Lower Upper

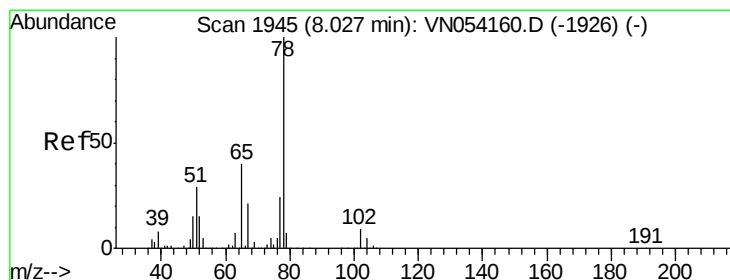
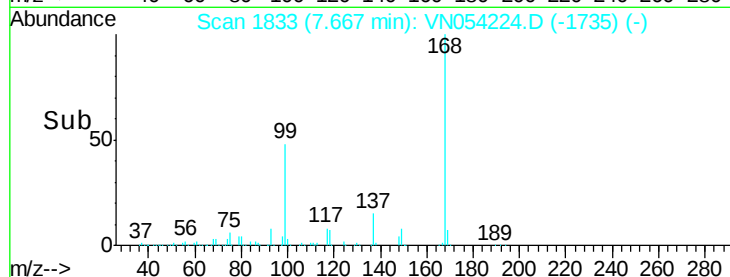
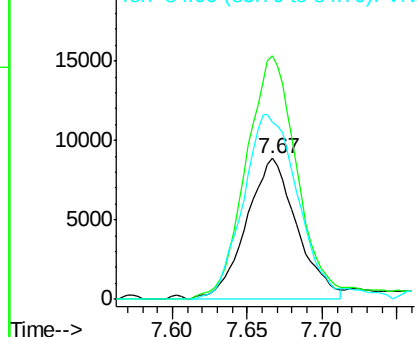
56 100

69 172.8 27.8 41.6#

84 125.9 74.6 111.8#



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: 52.332 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054224.D

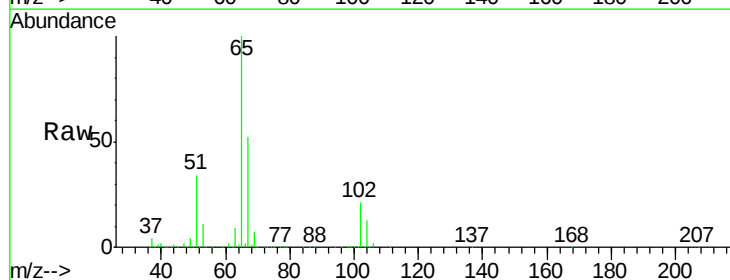
Acq: 13 Mar 2019 20:30

Tgt Ion: 65 Resp: 758213

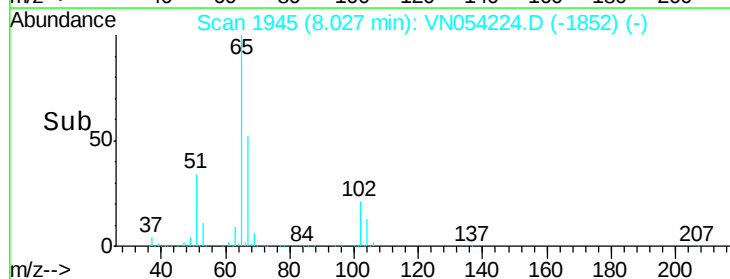
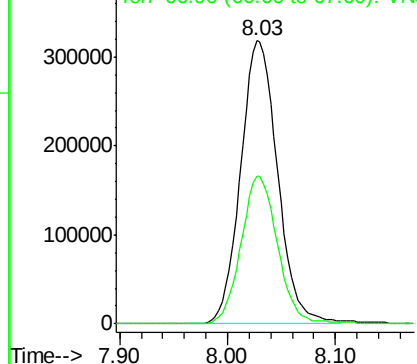
Ion Ratio Lower Upper

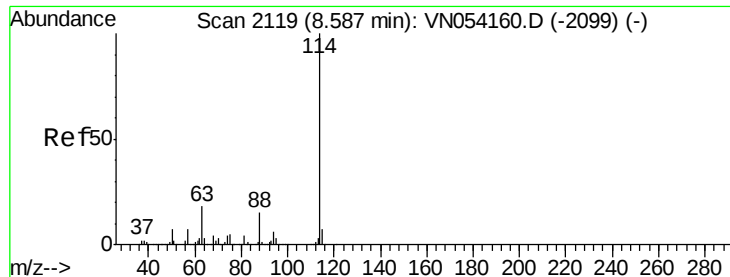
65 100

67 51.7 0.0 104.6



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: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampleId :

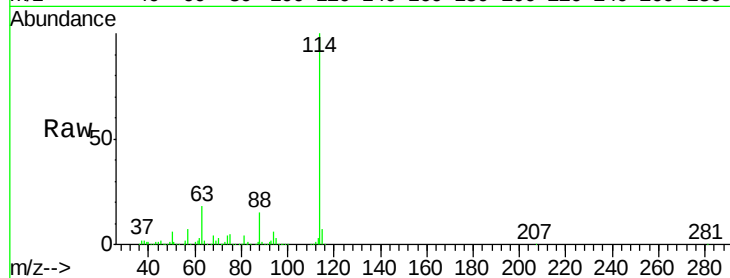
Tot Ion:114 Resp: 2263252

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

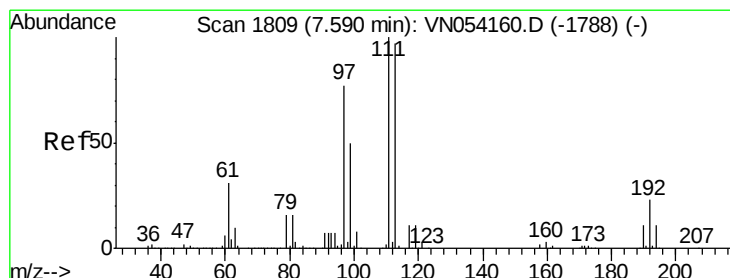
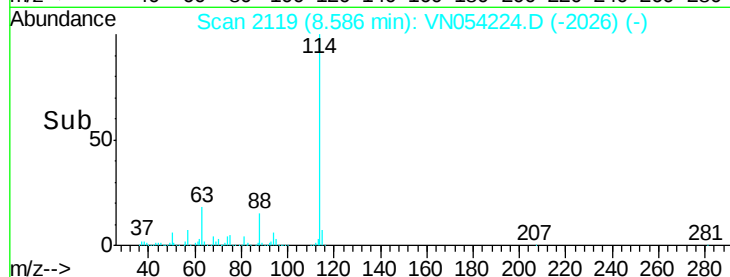
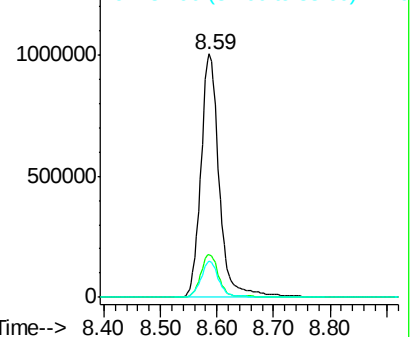
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.754 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

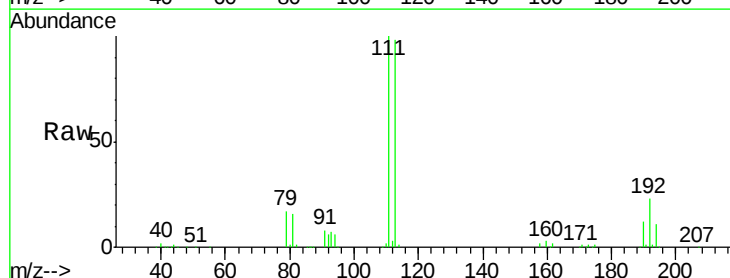
Tgt Ion:113 Resp: 711665

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

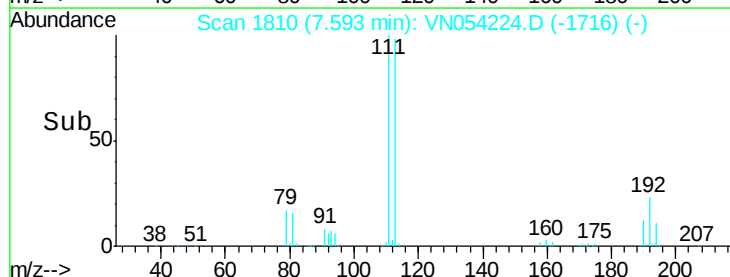
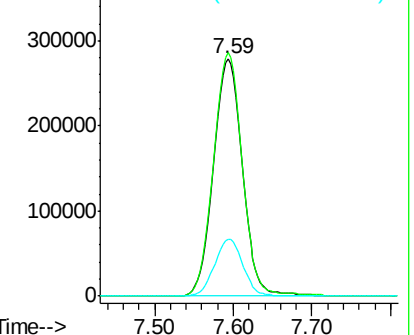
192 23.6 19.2 28.8

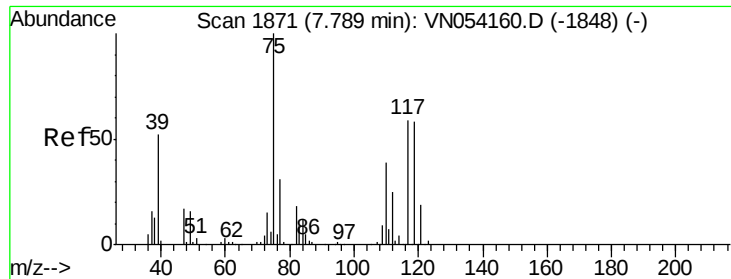


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.713 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampled :

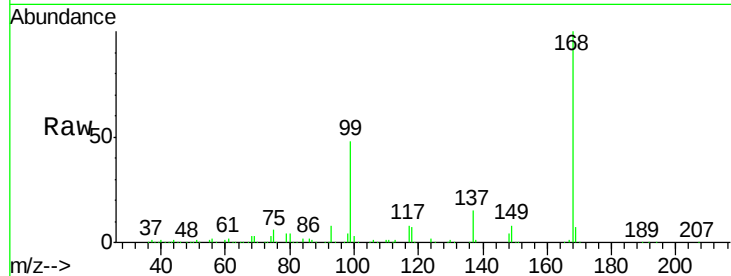
Tot Ion: 75 Resp: 77387

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.5#

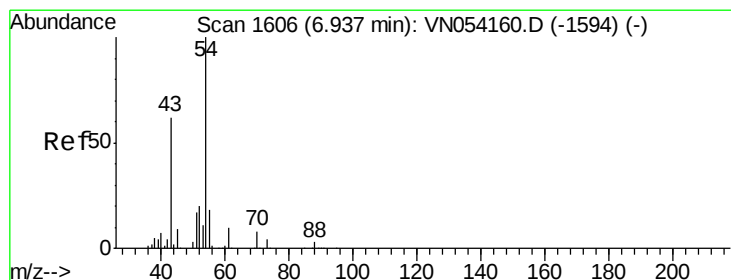
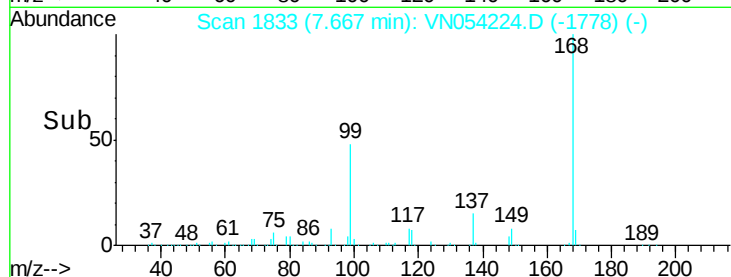
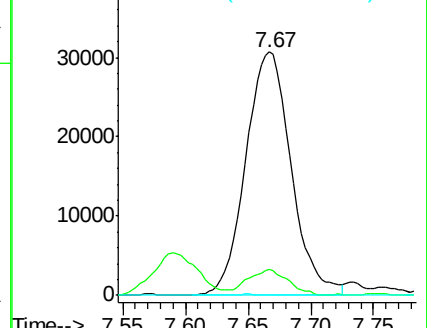
77 0.1 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054224.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054224.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054224.D (-1778) (-)



#37

Ethyl Acetate

Concen: 2.919 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. -0.08 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

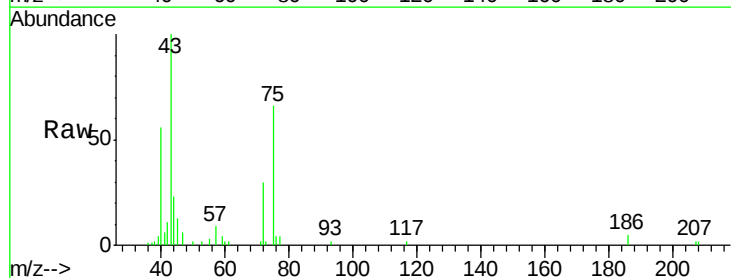
Tgt Ion: 43 Resp: 34954

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

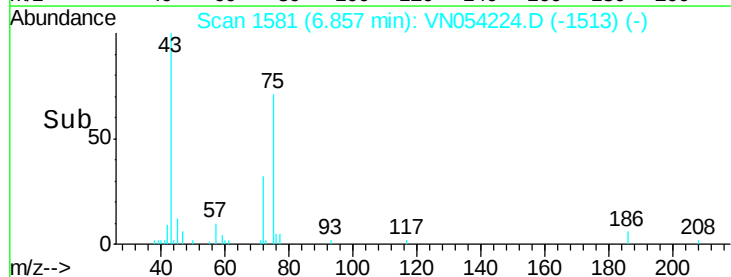
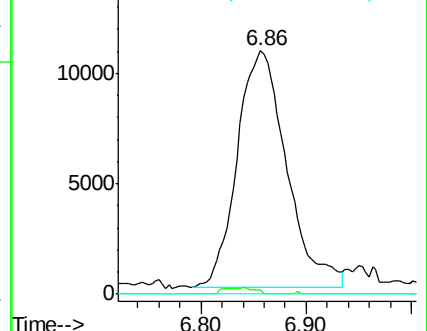
70 0.0 8.4 12.6#

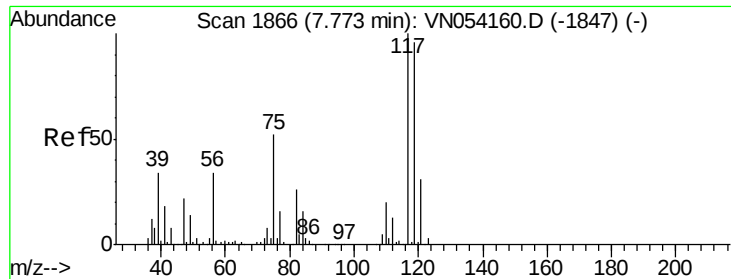


Abundance Ion 43.00 (42.70 to 43.70): VN054224.D (-1513) (-)

Ion 60.90 (60.60 to 61.60): VN054224.D (-1513) (-)

Ion 70.00 (69.70 to 70.70): VN054224.D (-1513) (-)





#38

Carbon Tetrachloride

Concen: 5.158 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampleId :

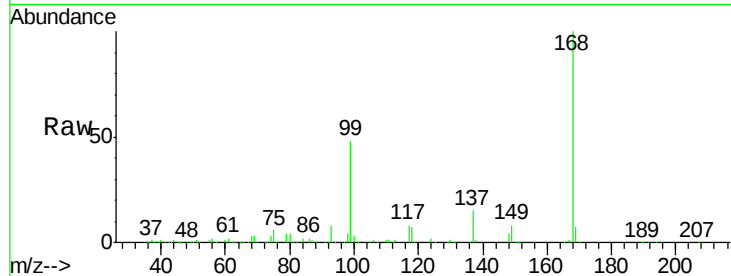
Tot Ion:117 Resp: 112743

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

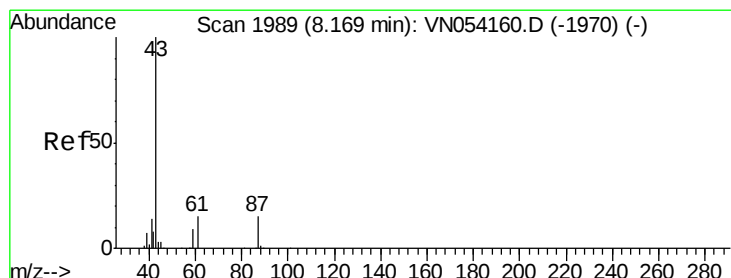
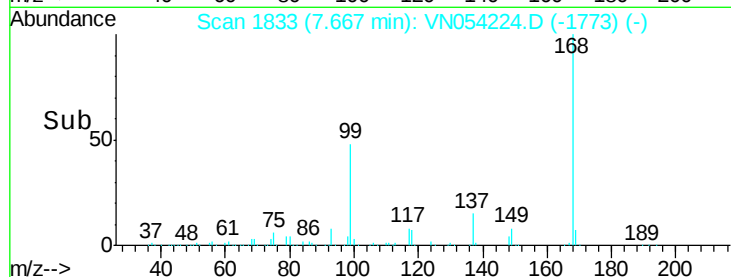
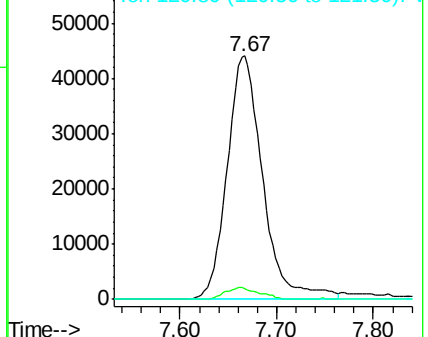
121 0.0 24.6 36.8#



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: 0.840 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.13 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

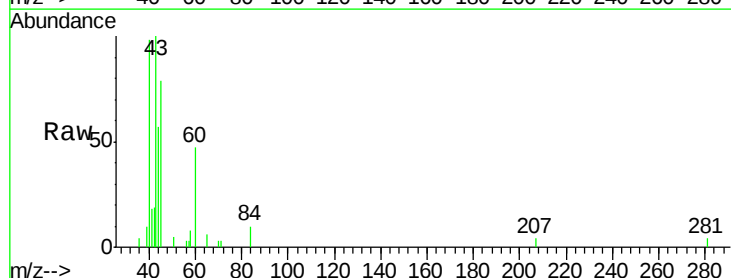
Tgt Ion: 43 Resp: 17654

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

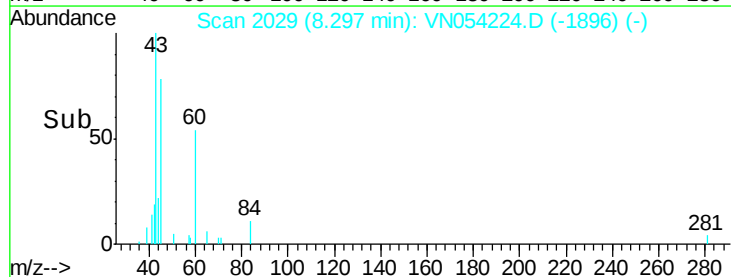
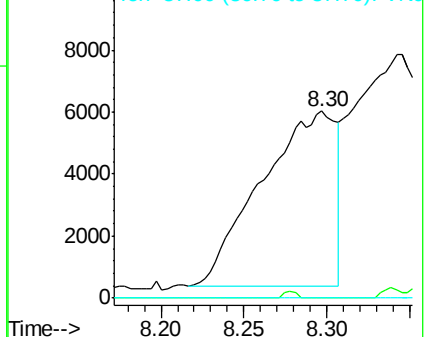
87 0.0 12.0 18.0#

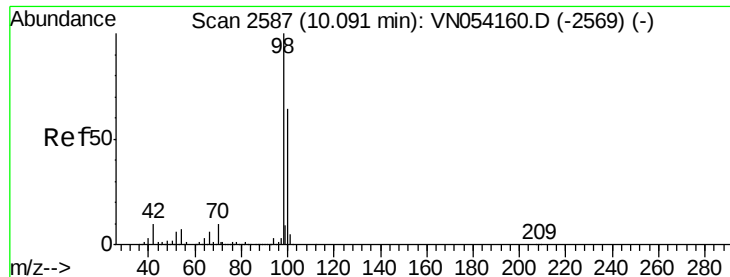


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.659 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

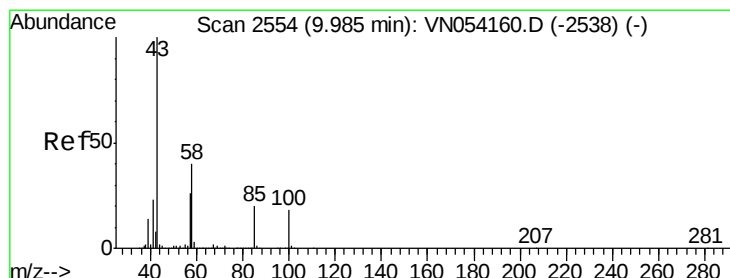
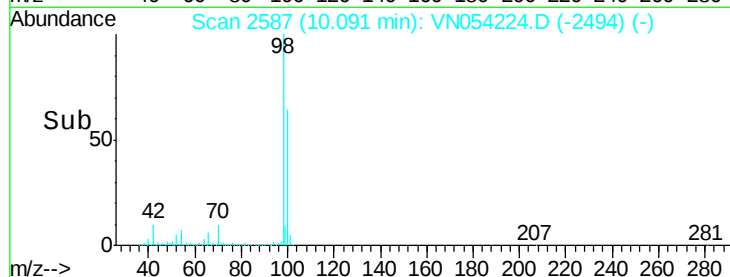
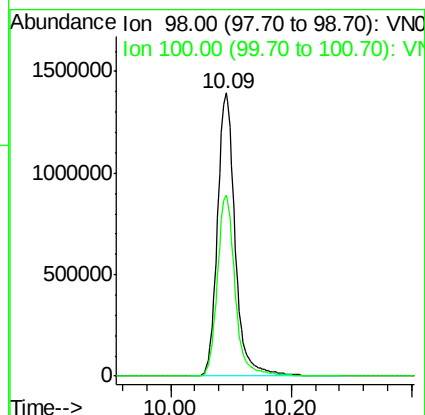
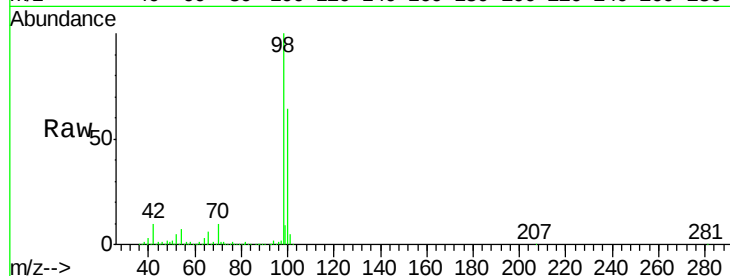
ClientSampleId :

Tot Ion: 98 Resp: 2784874

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.685 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054224.D

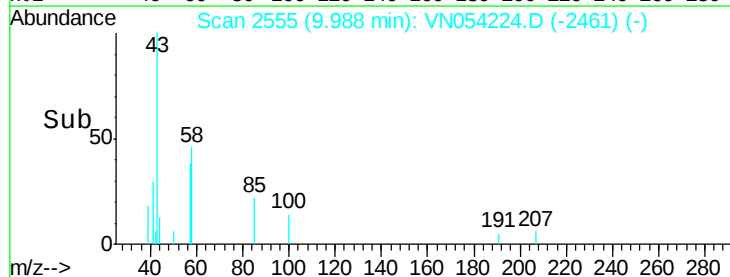
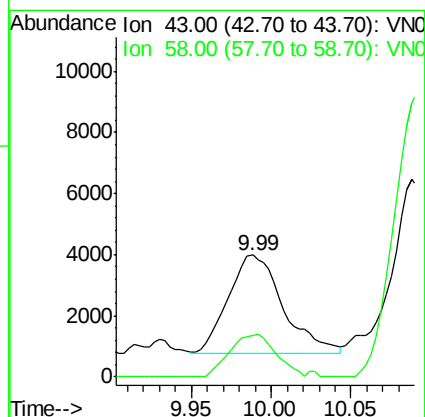
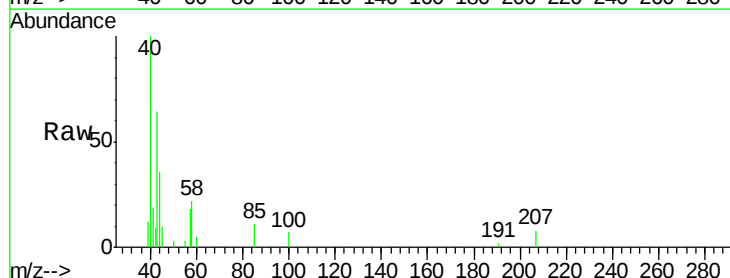
Acq: 13 Mar 2019 20:30

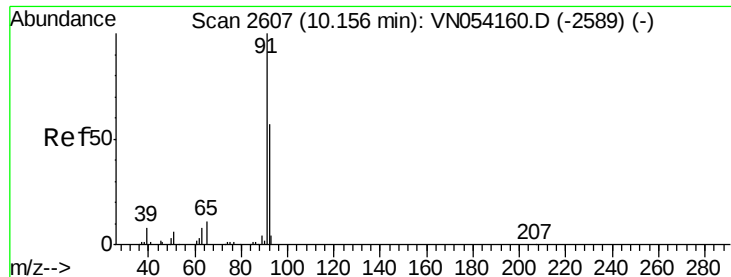
Tgt Ion: 43 Resp: 7621

Ion Ratio Lower Upper

43 100

58 36.2 31.8 47.6





#52

Toluene

Concen: 0.770 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

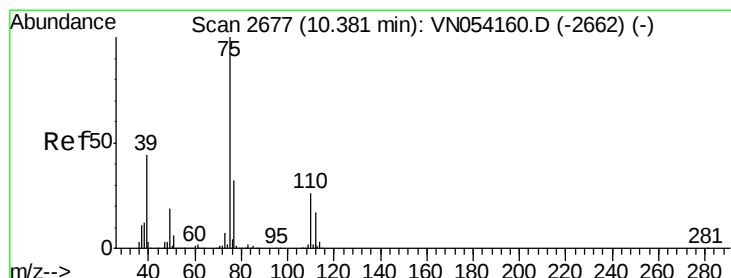
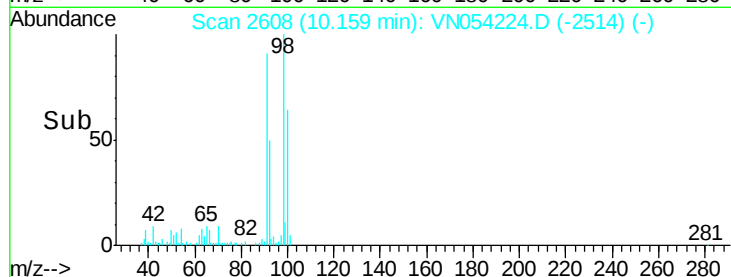
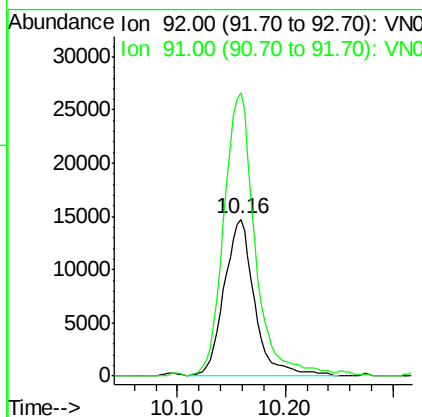
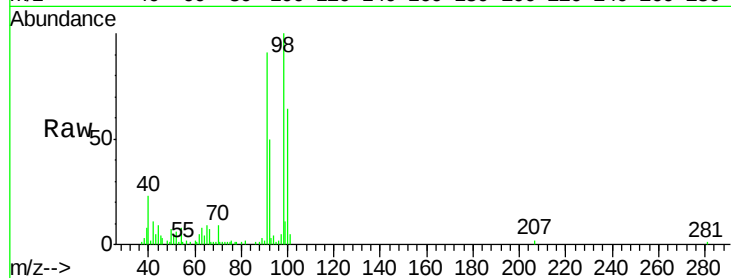
ClientSampleId :

Tot Ion: 92 Resp: 29118

Ion Ratio Lower Upper

92 100

91 184.8 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 10.17 min Scan# 2610

Delta R.T. -0.22 min

Lab File: VN054224.D

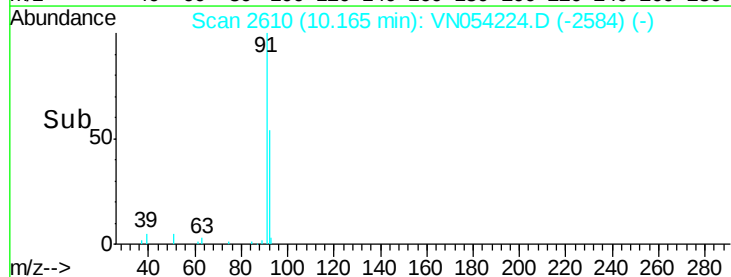
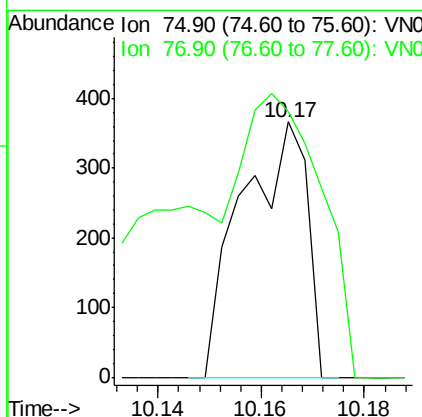
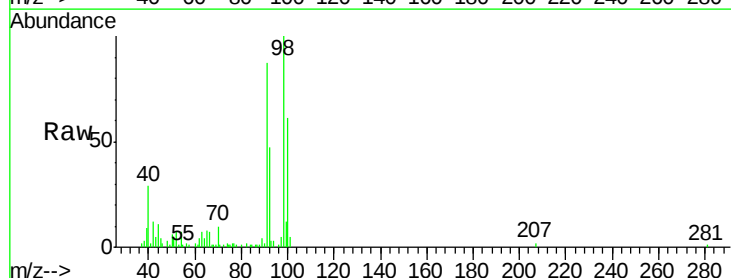
Acq: 13 Mar 2019 20:30

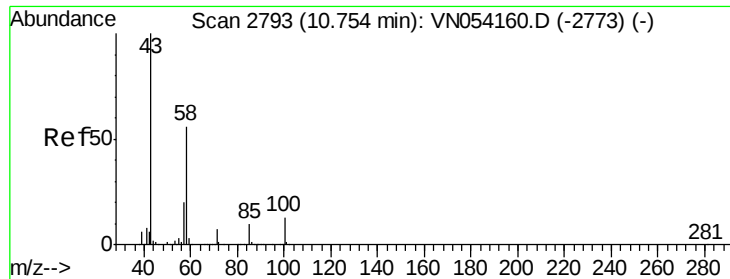
Tgt Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

77 47.0 25.8 38.8#

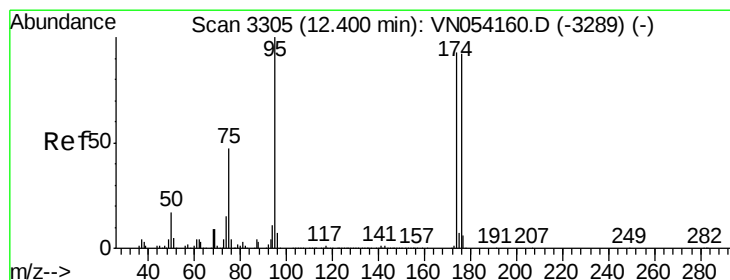
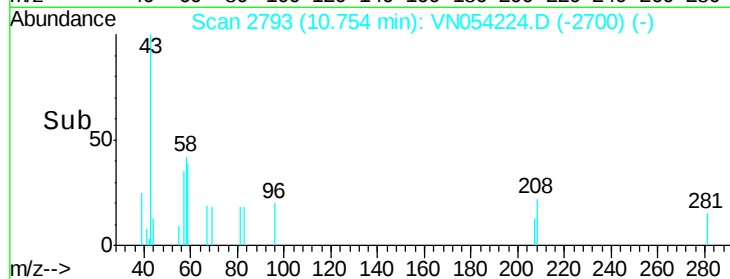
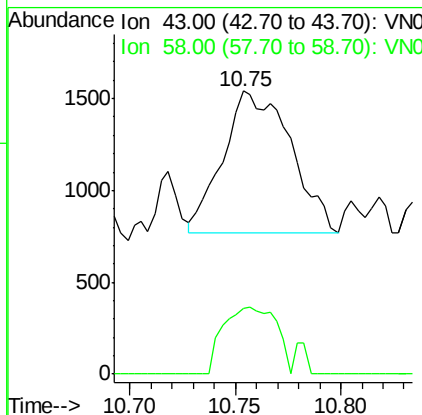
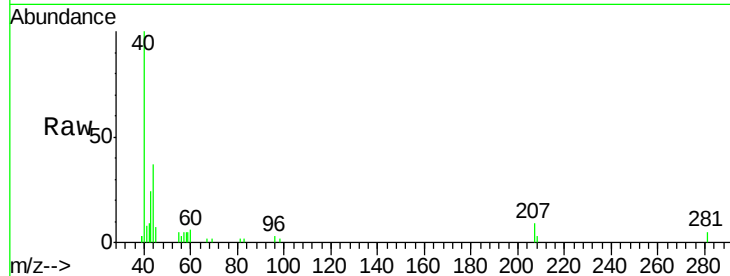




#59
2-Hexanone
Concen: 0.231 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

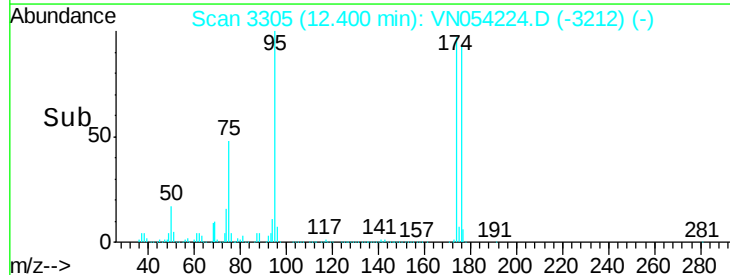
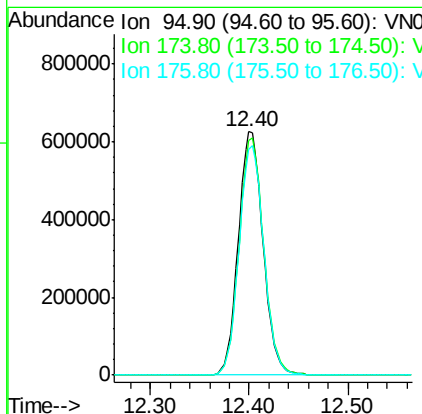
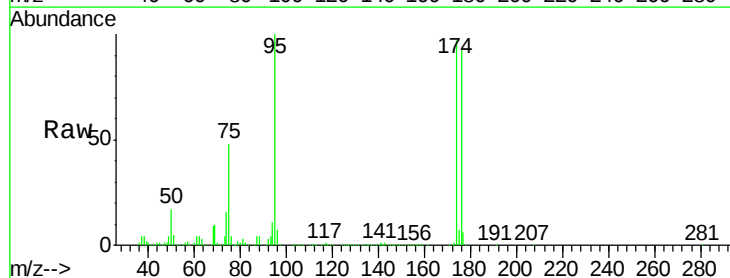
Instrument :
MSVOA_N
ClientSampleId :

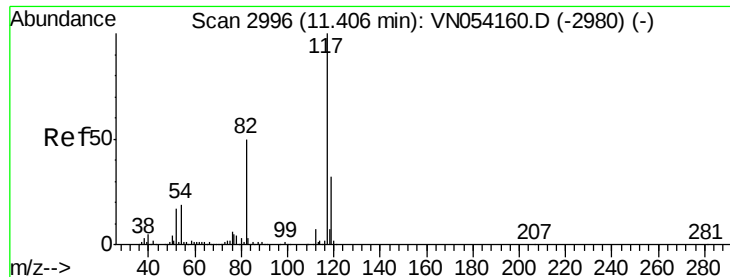
Tot Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 37.3 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 57.587 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

Tgt Ion: 95 Resp: 1086262
Ion Ratio Lower Upper
95 100
174 96.9 0.0 191.0
176 94.6 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampleId :

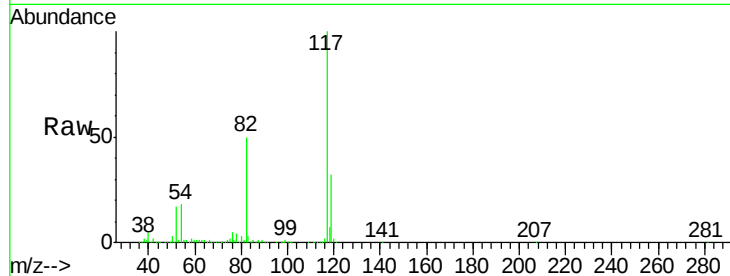
Tot Ion:117 Resp: 2352680

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

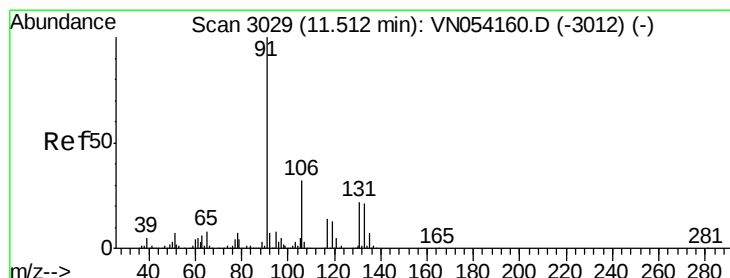
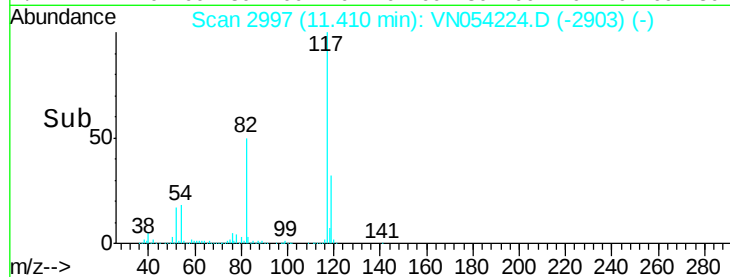
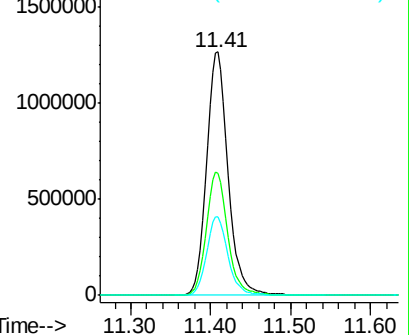
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.252 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054224.D

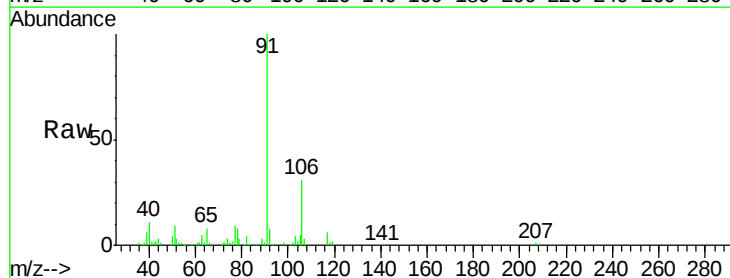
Acq: 13 Mar 2019 20:30

Tgt Ion: 91 Resp: 107201

Ion Ratio Lower Upper

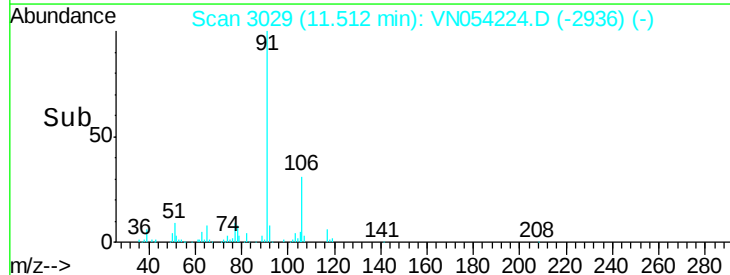
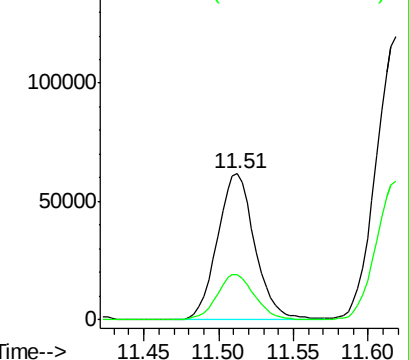
91 100

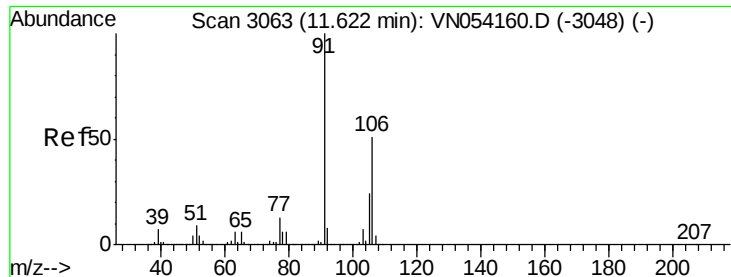
106 31.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

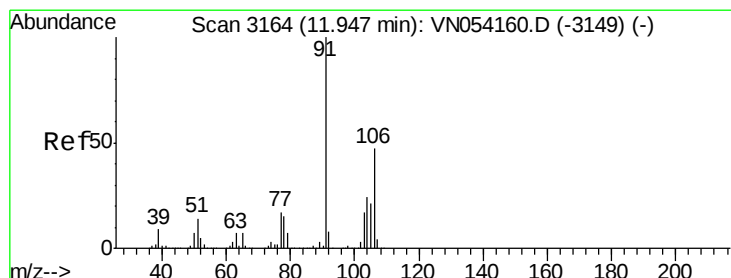
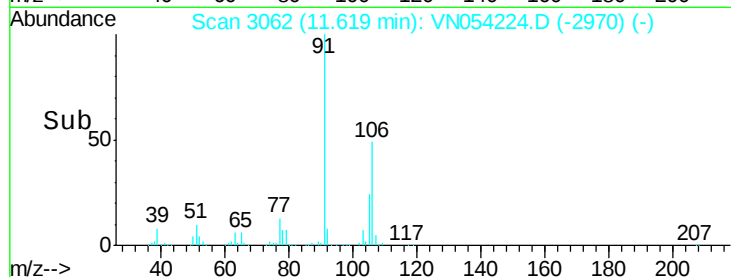
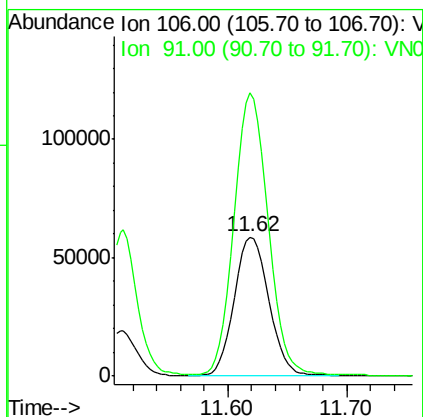
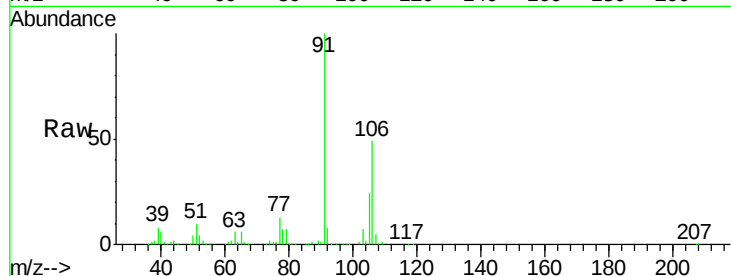




#68
m/p-Xylenes
Concen: 3.576 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

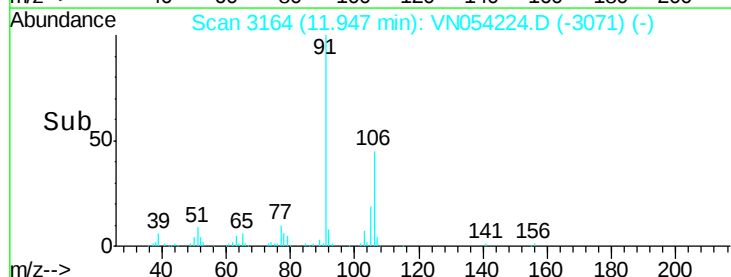
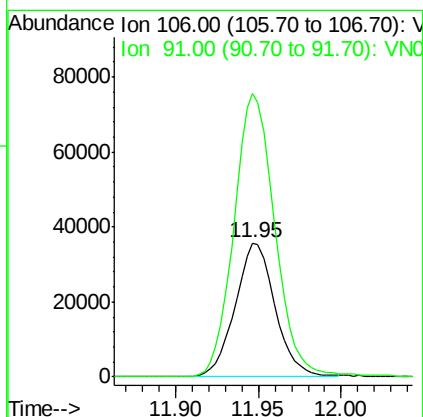
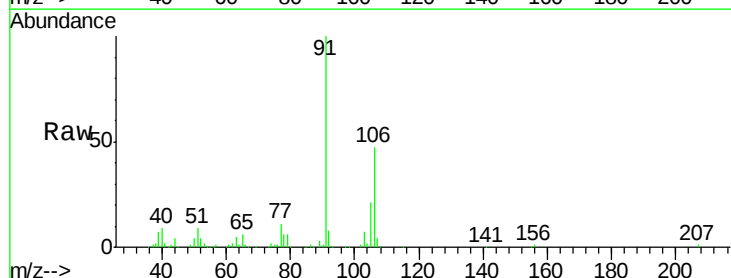
Instrument :
MSVOA_N
ClientSampled :

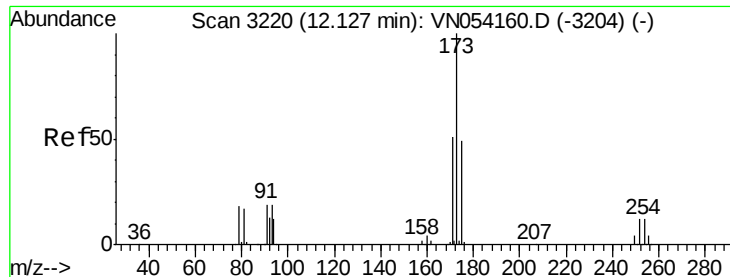
Tot Ion:106 Resp: 119693
Ion Ratio Lower Upper
106 100
91 196.7 159.4 239.2



#69
o-Xylene
Concen: 1.833 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

Tgt Ion:106 Resp: 59814
Ion Ratio Lower Upper
106 100
91 218.2 105.7 317.1





#71

Bromoform

Concen: 2.851 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampled :

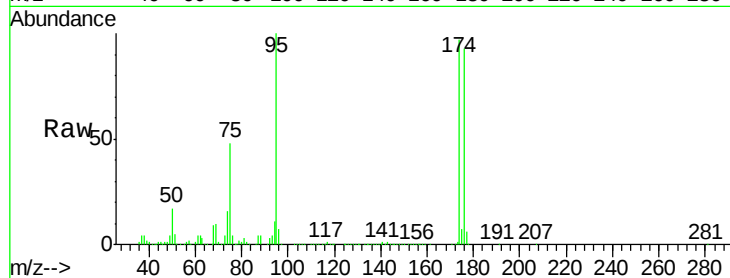
Tot Ion:173 Resp: 7504

Ion Ratio Lower Upper

173 100

175 861.8 24.4 73.2#

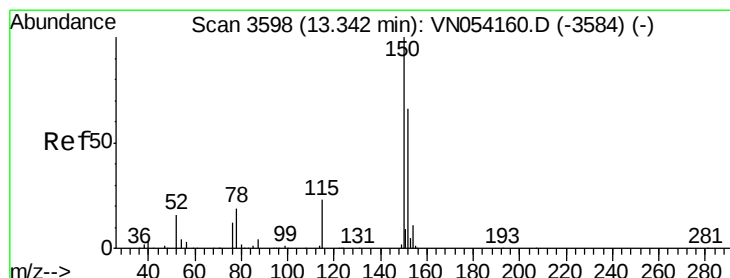
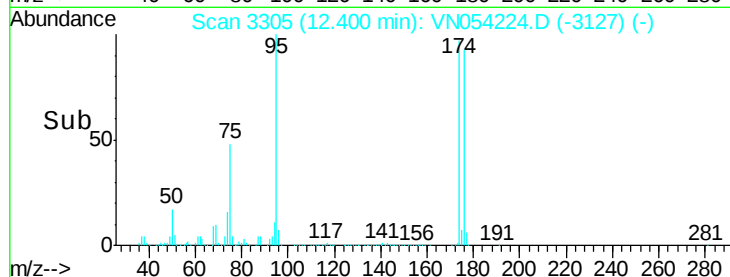
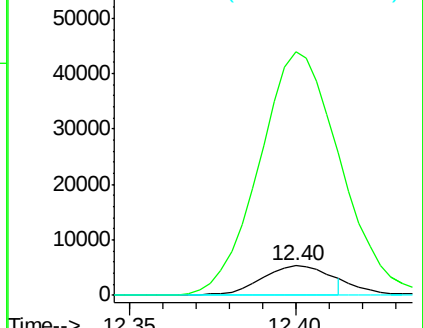
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

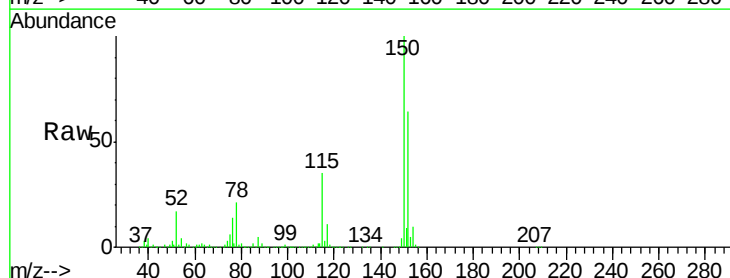
Tgt Ion:152 Resp: 1086772

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

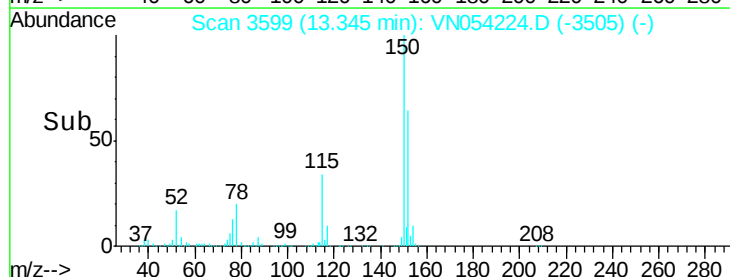
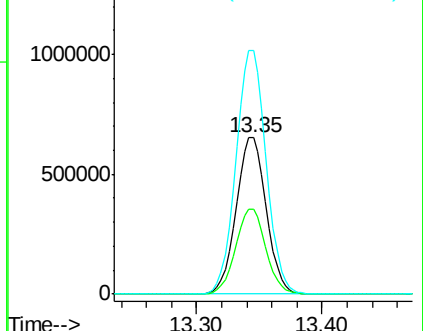
150 156.1 0.0 349.2

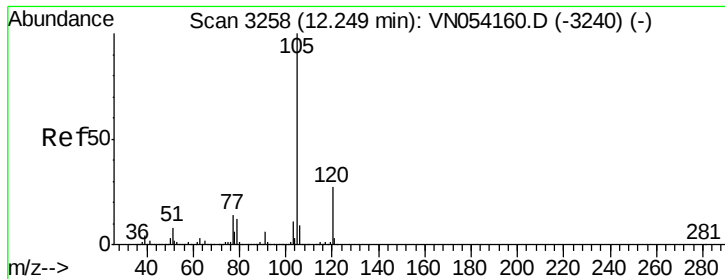


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.407 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

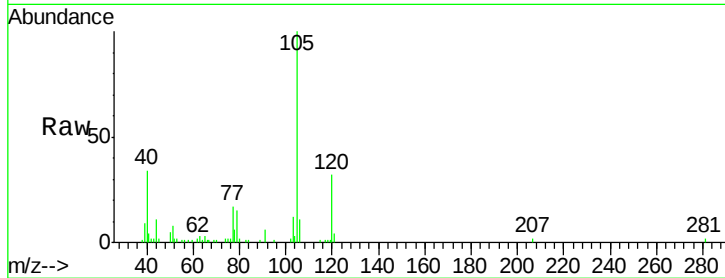
ClientSampleId :

Tot Ion:105 Resp: 35378

Ion Ratio Lower Upper

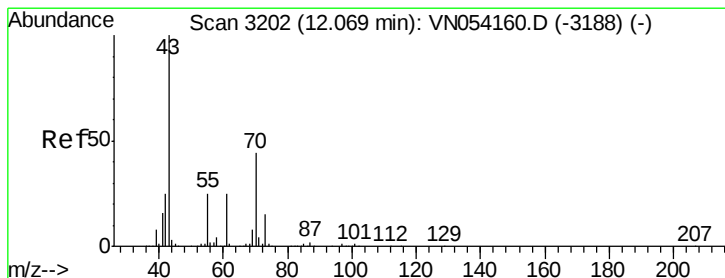
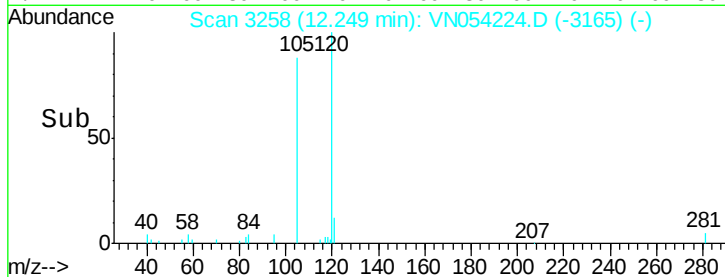
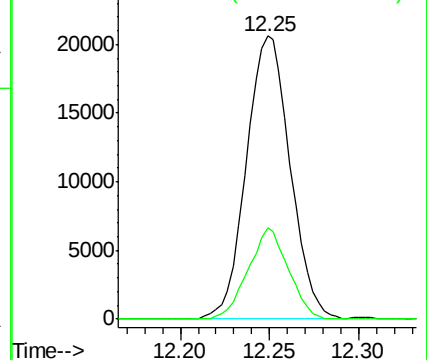
105 100

120 29.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.804 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Tgt Ion: 43 Resp: 34819

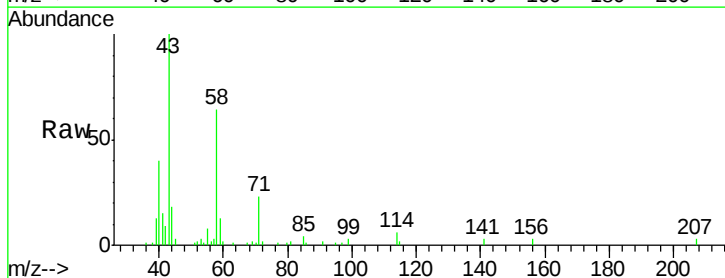
Ion Ratio Lower Upper

43 100

70 0.6 35.4 53.0#

55 7.0 19.8 29.6#

61 0.0 19.8 29.6#

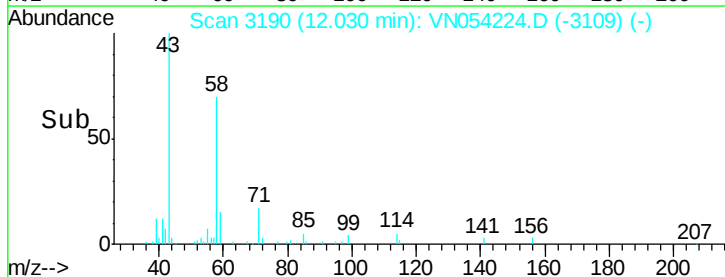
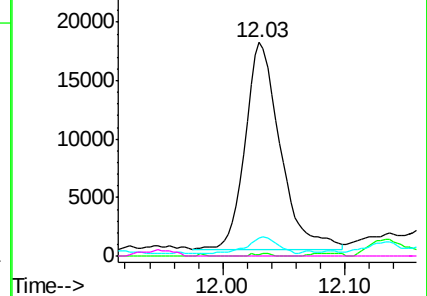


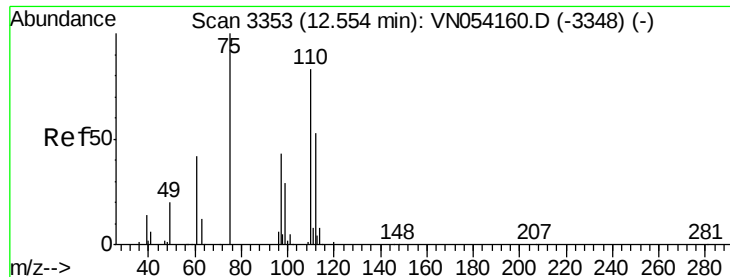
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 32.951 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

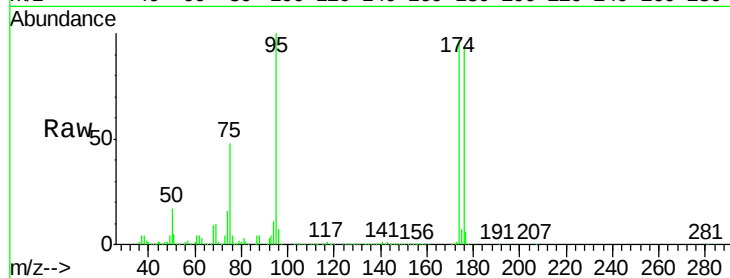
ClientSampleId :

Tot Ion: 75 Resp: 526602

Ion Ratio Lower Upper

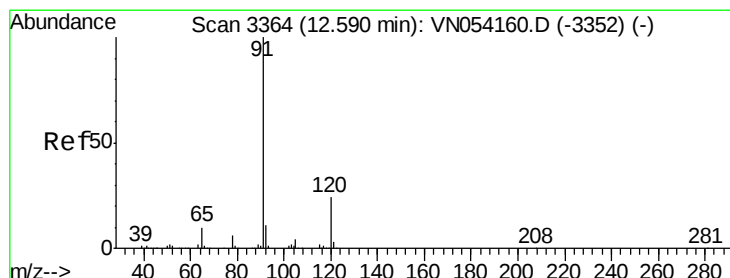
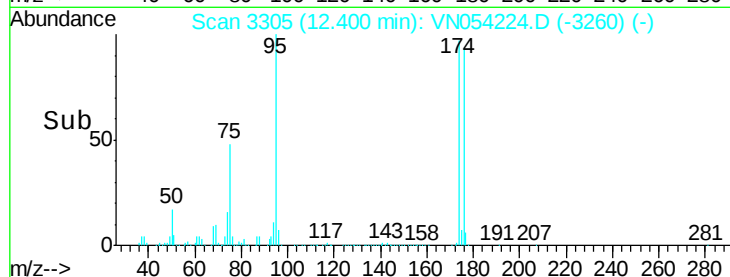
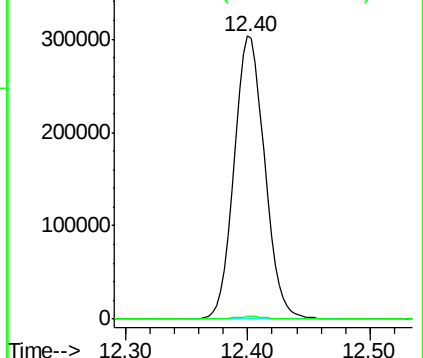
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.964 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054224.D

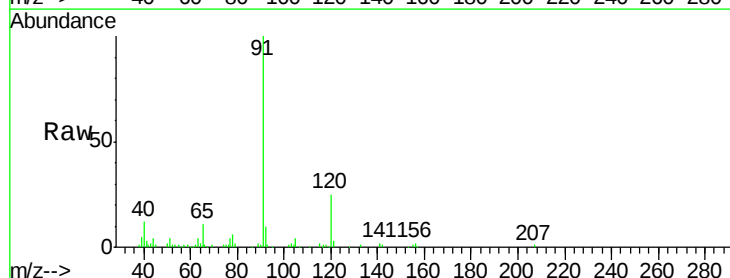
Acq: 13 Mar 2019 20:30

Tgt Ion: 91 Resp: 90991

Ion Ratio Lower Upper

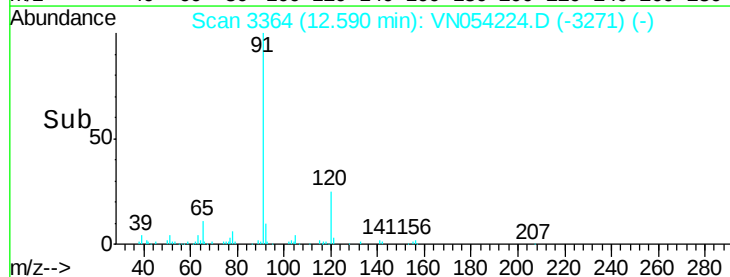
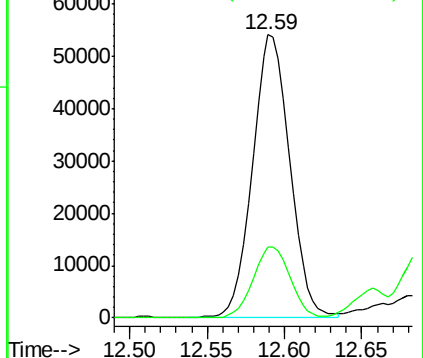
91 100

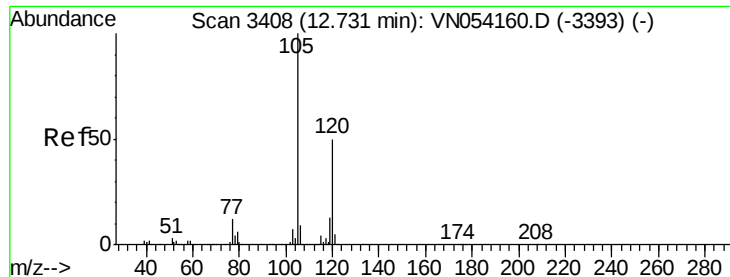
120 25.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.272 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

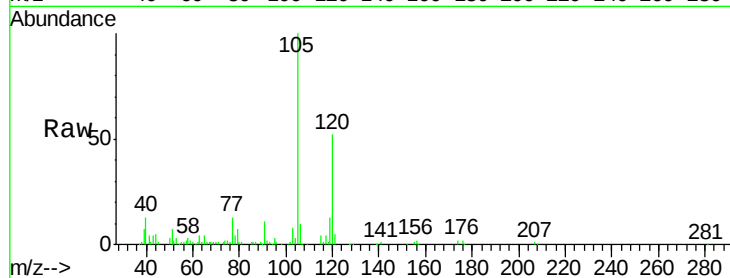
ClientSampled :

Tot Ion:105 Resp: 91984

Ion Ratio Lower Upper

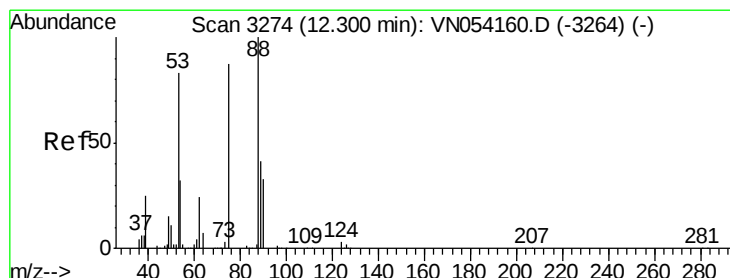
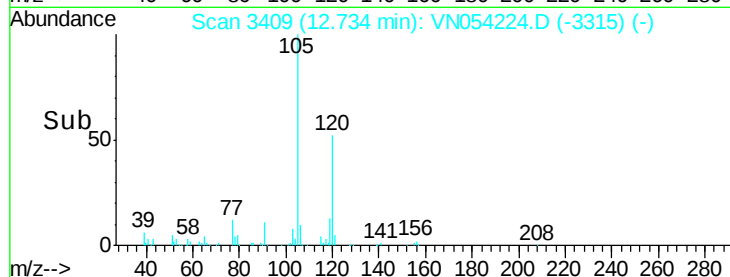
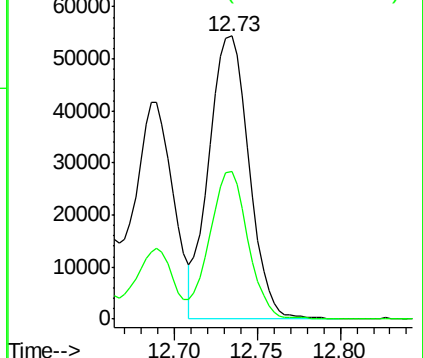
105 100

120 49.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 112.640 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

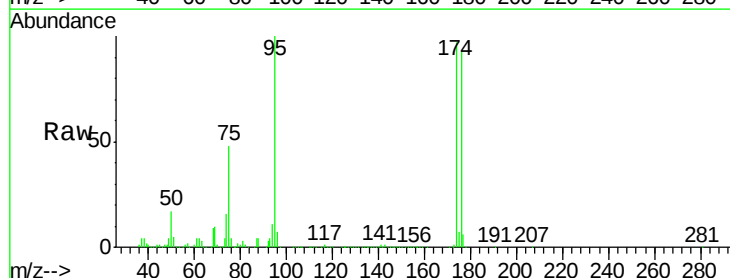
Tgt Ion: 75 Resp: 526602

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

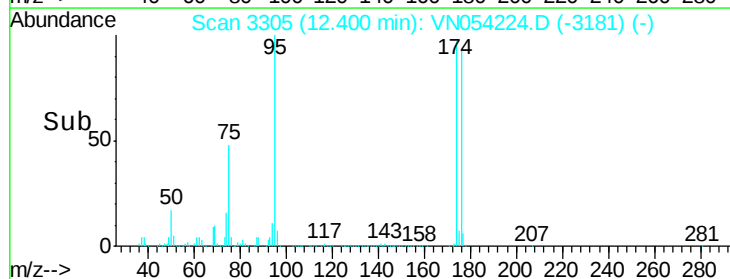
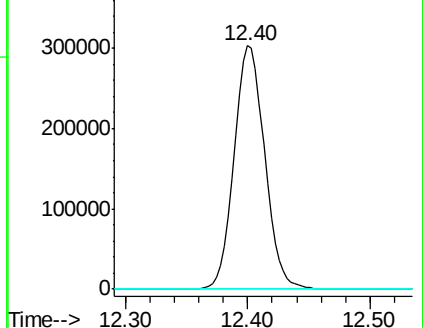
89 0.0 39.2 58.8#

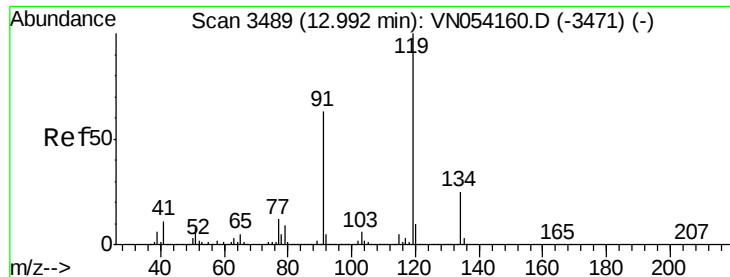


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

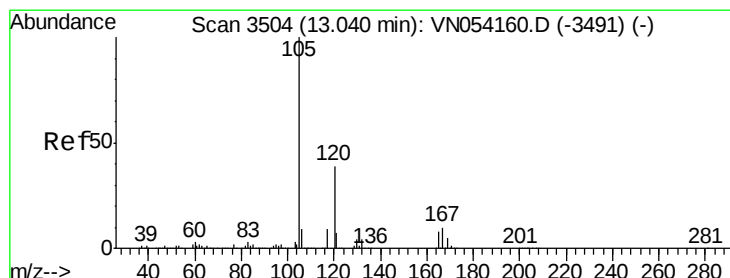
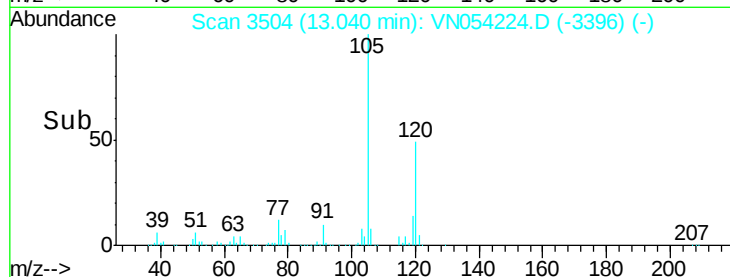
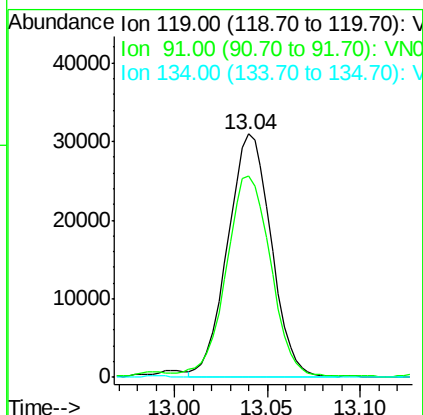
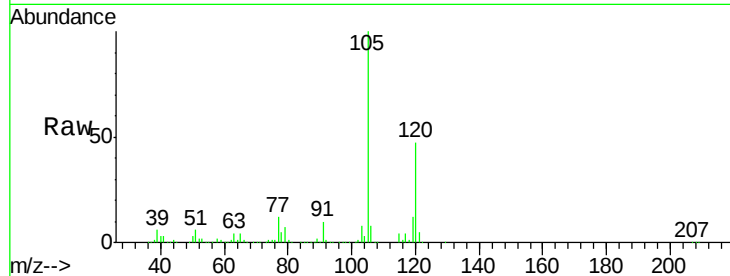




#83
tert-Butylbenzene
Concen: 0.758 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

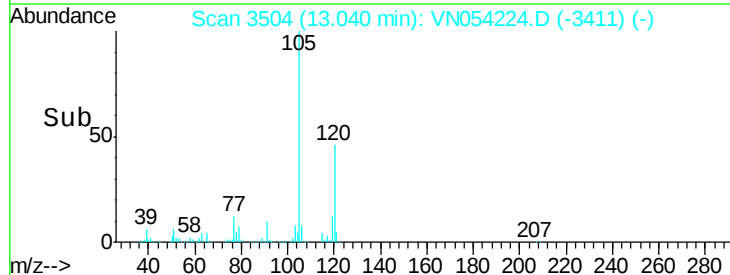
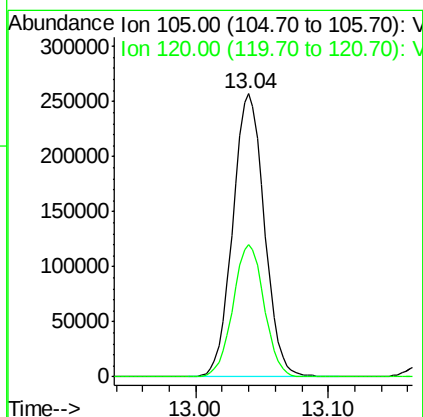
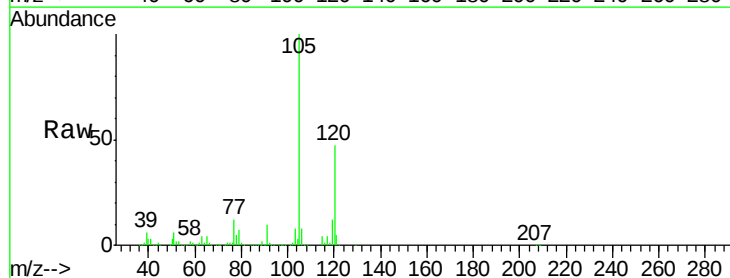
Instrument :
MSVOA_N
ClientSampled :

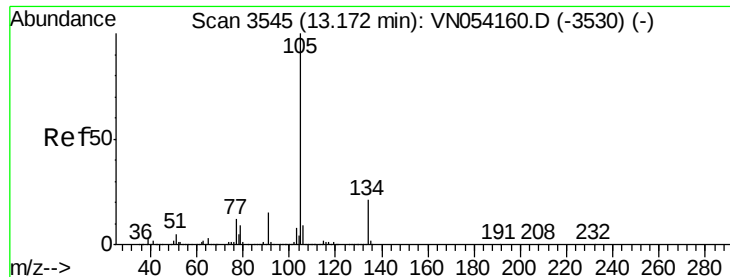
Tot Ion:119 Resp: 50481
Ion Ratio Lower Upper
119 100
91 83.3 30.9 92.8
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 5.993 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054224.D
Acq: 13 Mar 2019 20:30

Tgt Ion:105 Resp: 425190
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.3





#85

sec-Butylbenzene

Concen: 0.209 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

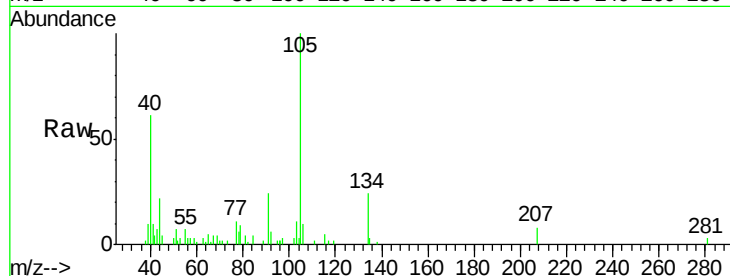
ClientSampled :

Tot Ion:105 Resp: 18080

Ion Ratio Lower Upper

105 100

134 37.1 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

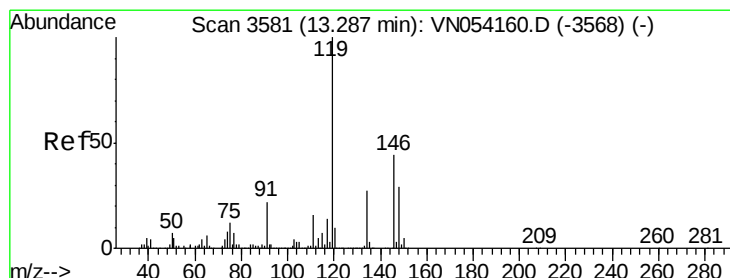
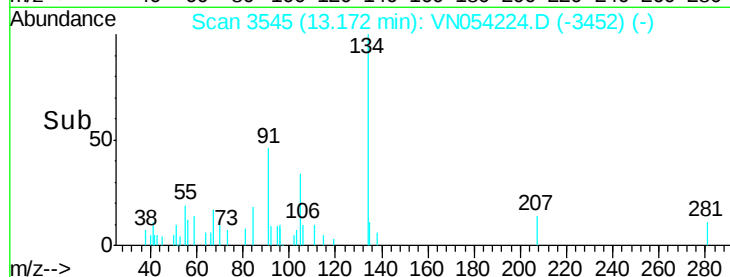
13.17

10000

5000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.845 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

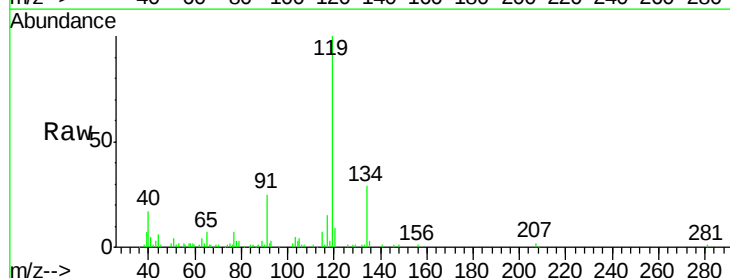
Tgt Ion:119 Resp: 64023

Ion Ratio Lower Upper

119 100

134 28.3 13.6 40.8

91 22.4 11.1 33.3



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

13.29

50000

40000

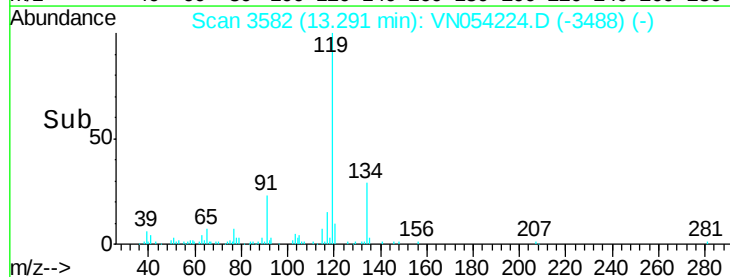
30000

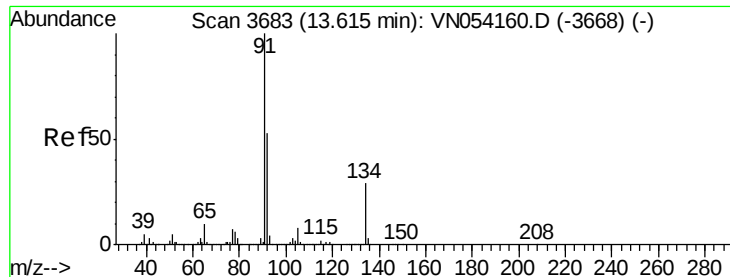
20000

10000

0

Time-->





#89

n-Butylbenzene

Concen: 0.324 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampleId :

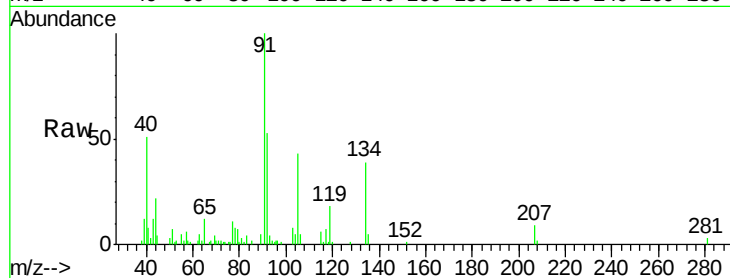
Tot Ion: 91 Resp: 18630

Ion Ratio Lower Upper

91 100

92 67.3 26.2 78.6

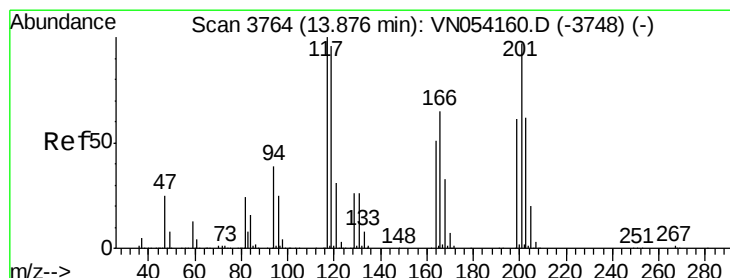
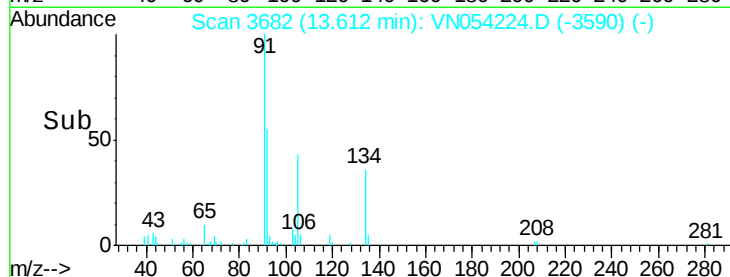
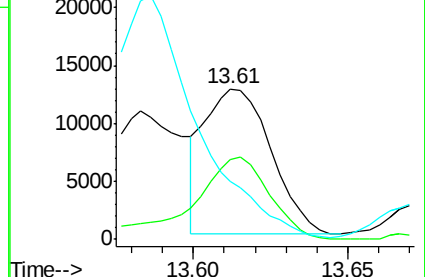
134 0.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



#90

Hexachloroethane

Concen: 1.288 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054224.D

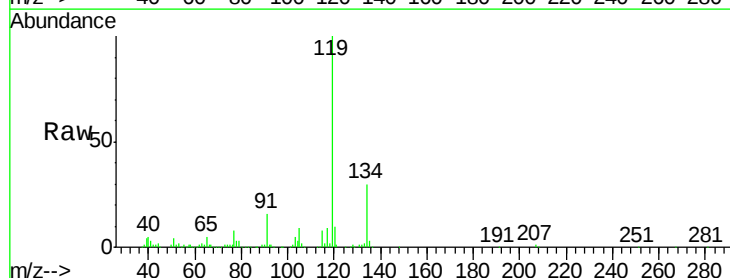
Acq: 13 Mar 2019 20:30

Tgt Ion: 117 Resp: 16149

Ion Ratio Lower Upper

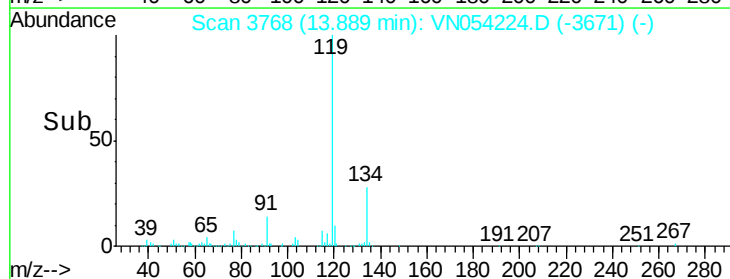
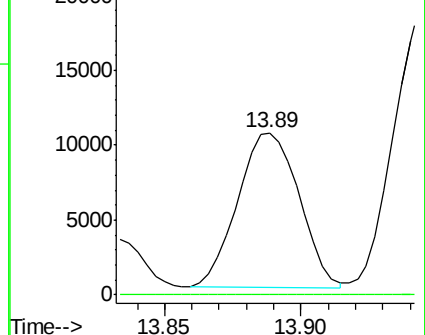
117 100

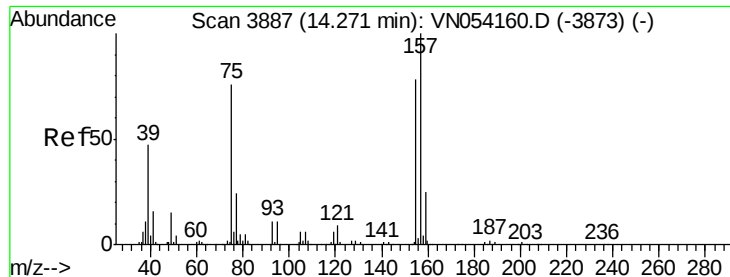
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.422 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampled :

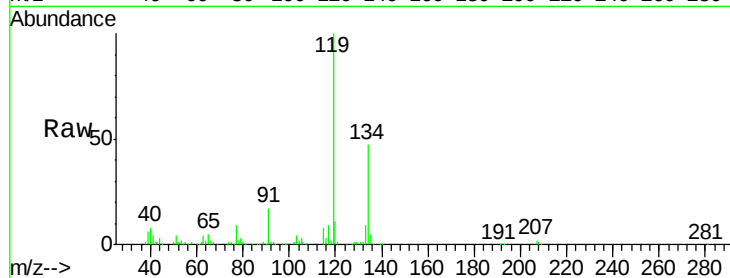
Tot Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

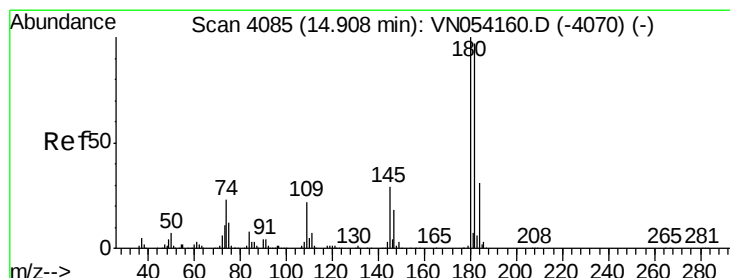
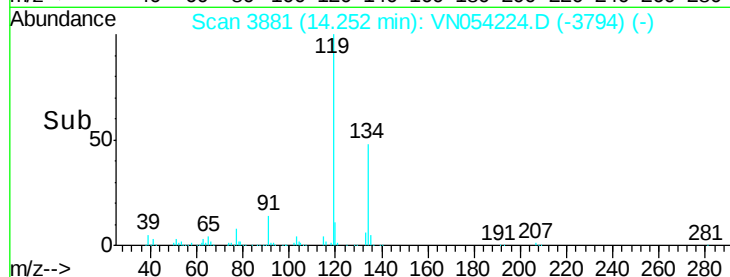
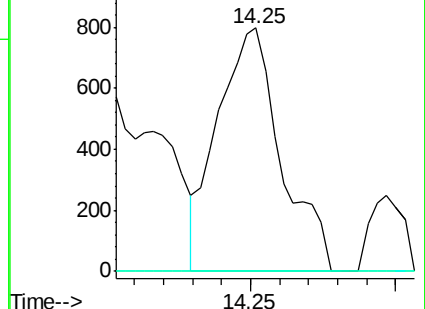
157 0.0 63.1 189.3#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054160.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054160.D (-3873) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.531 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

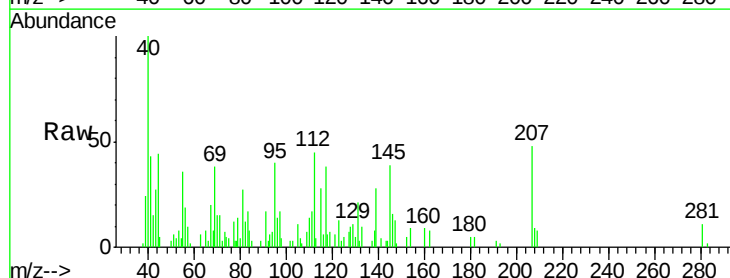
Tgt Ion: 180 Resp: 343

Ion Ratio Lower Upper

180 100

182 148.1 48.0 144.2#

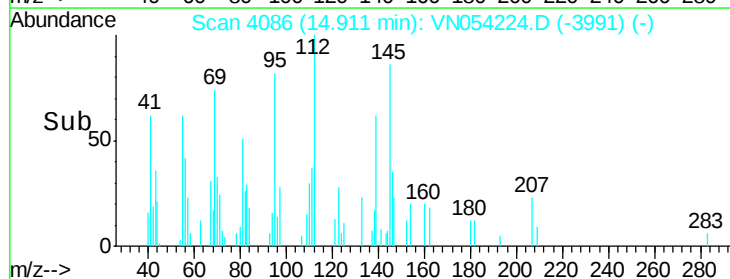
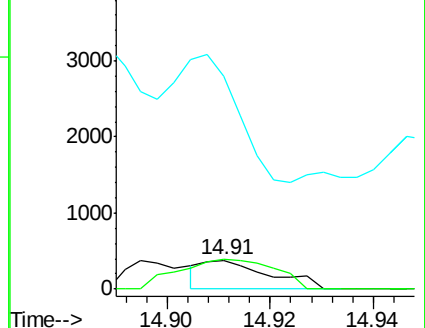
145 0.0 14.2 42.8#

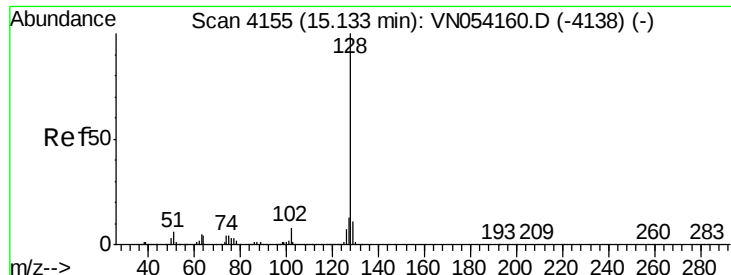


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054160.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054160.D (-4070) (-)





#95

Naphthalene

Concen: 4.964 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

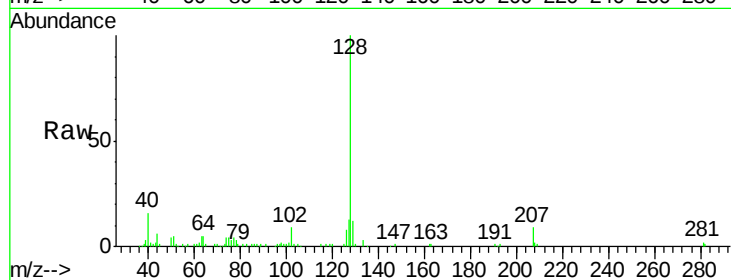
Lab File: VN054224.D

Acq: 13 Mar 2019 20:30

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:128 Resp: 76513

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.9 8.7 13.1

