

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064370.D
 Acq On : 29 Oct 2020 13:47
 Operator : JC/MD
 Sample : L4554-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 30 07:29:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

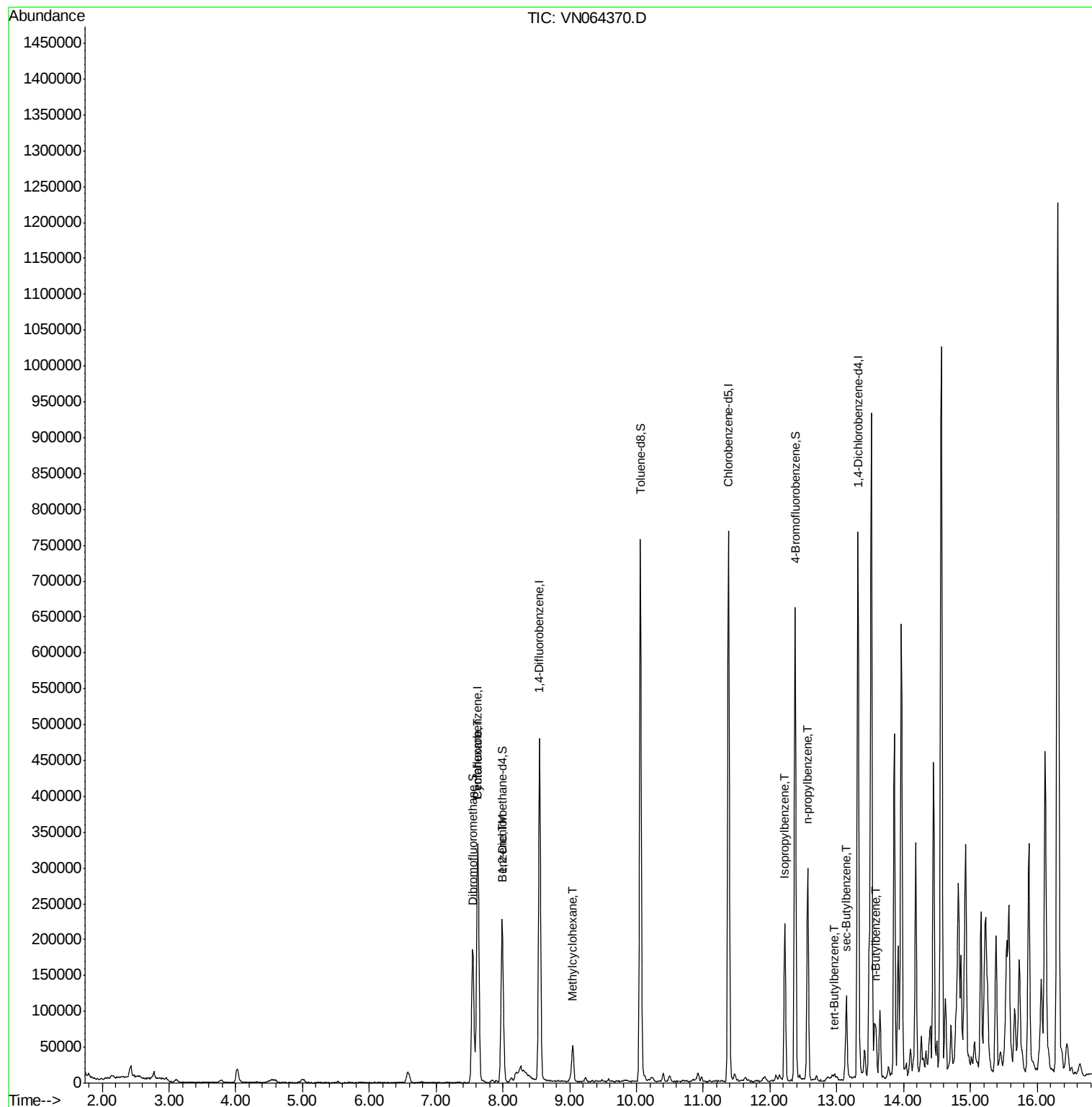
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185358	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	135409	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.06	98	507462	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	224494	57.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.61	56	22756	5.169	ug/l #	82
39) Methylcyclohexane	9.05	83	20565	5.051	ug/l #	89
40) Benzene	8.00	78	41327	3.616	ug/l	96
73) Isopropylbenzene	12.22	105	140720	9.864	ug/l	97
78) n-propylbenzene	12.57	91	225154	13.941	ug/l	99
83) tert-Butylbenzene	12.97	119	3581	0.362	ug/l	86
85) sec-Butylbenzene	13.14	105	70674	5.514	ug/l	88
89) n-Butylbenzene	13.59	91	40049	3.937	ug/l	86

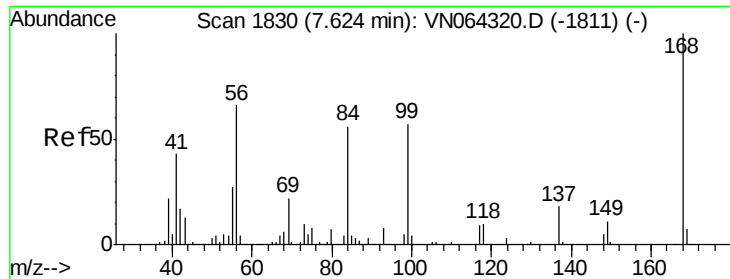
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

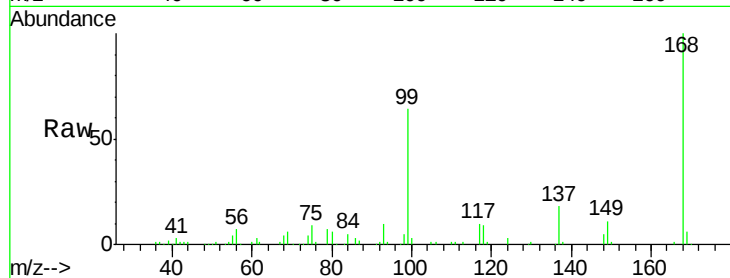
MW-1

Tot Ion:168 Resp: 236033

Ion Ratio Lower Upper

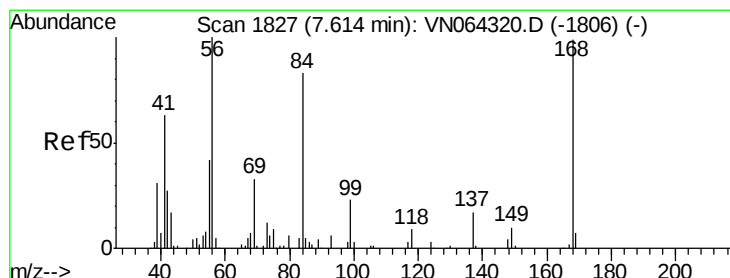
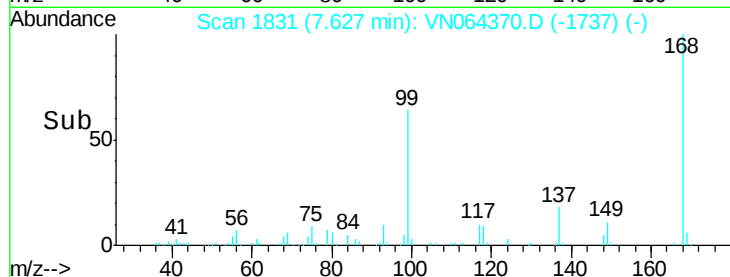
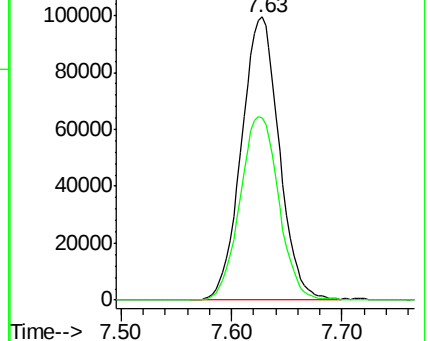
168 100

99 64.2 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 5.169 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

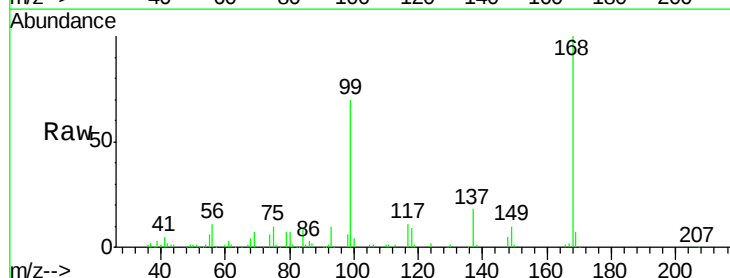
Tgt Ion: 56 Resp: 22756

Ion Ratio Lower Upper

56 100

69 64.3 25.8 38.8#

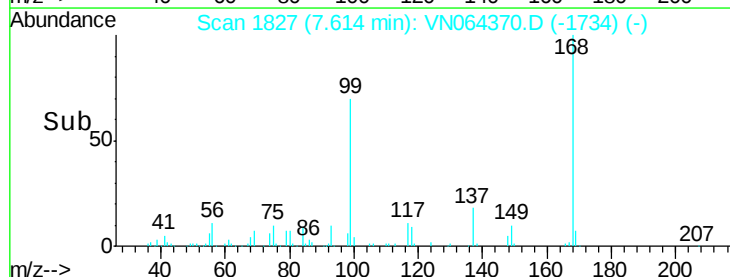
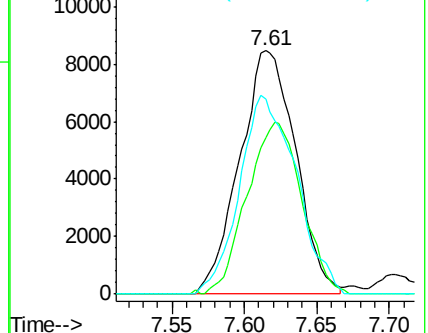
84 79.9 66.3 99.5

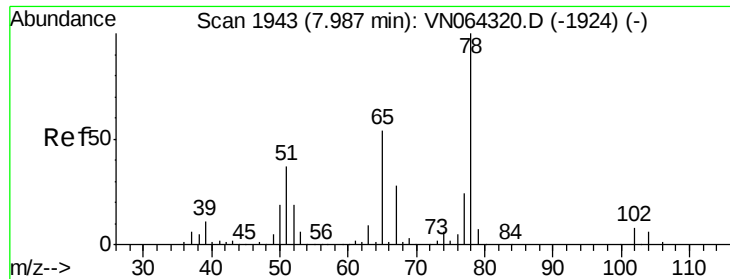


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 48.868 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

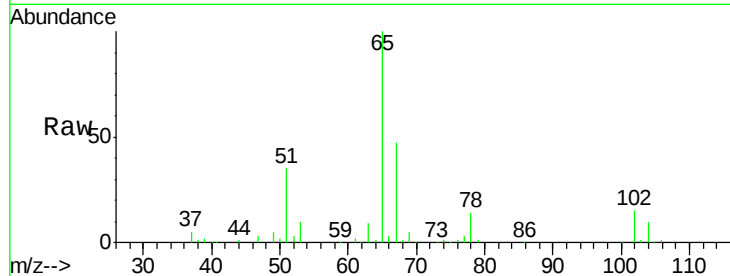
MW-1

Tot Ion: 65 Resp: 185358

Ion Ratio Lower Upper

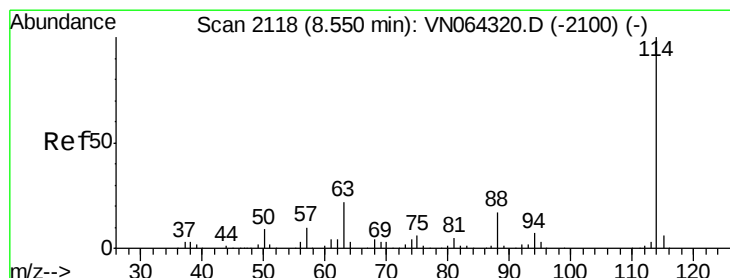
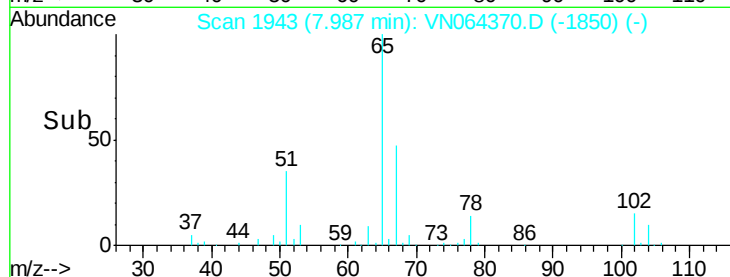
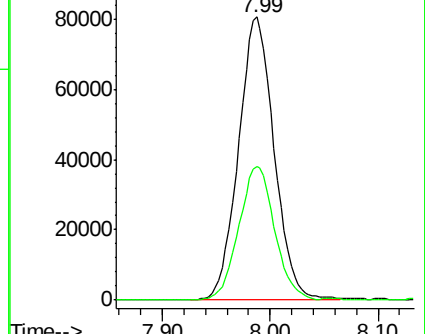
65 100

67 47.5 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064370.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064370.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

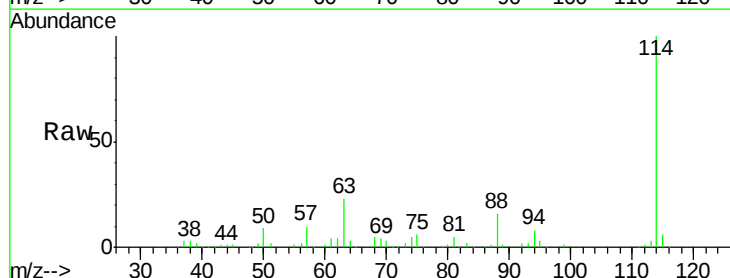
Tgt Ion: 114 Resp: 406858

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

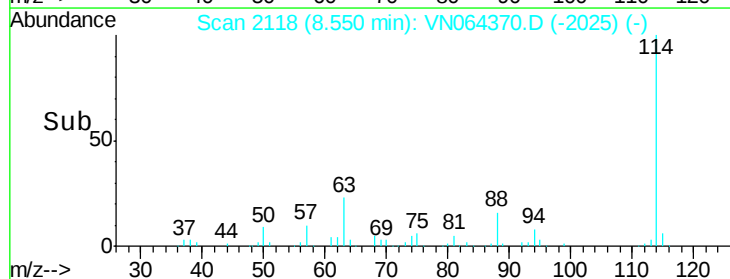
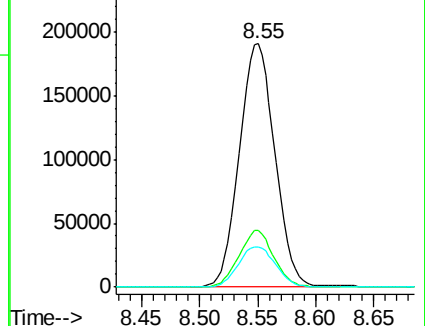
88 16.3 0.0 33.4

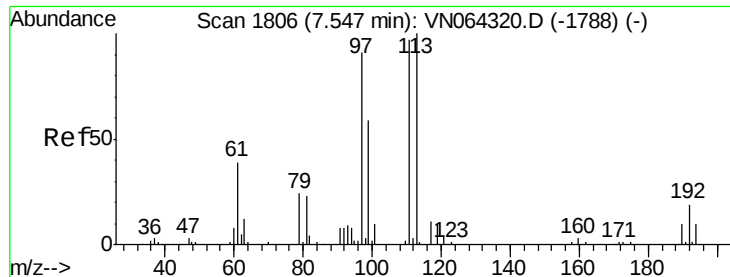


Abundance Ion 113.90 (113.60 to 114.60): VN064370.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064370.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064370.D (-2025) (-)

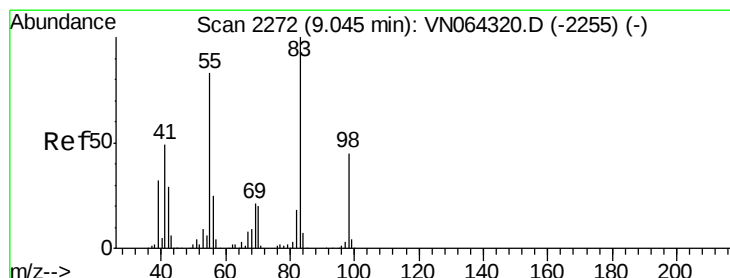
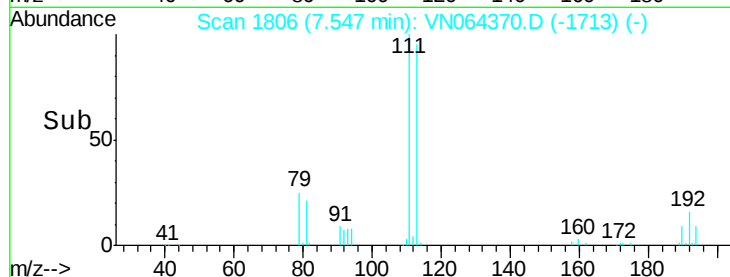
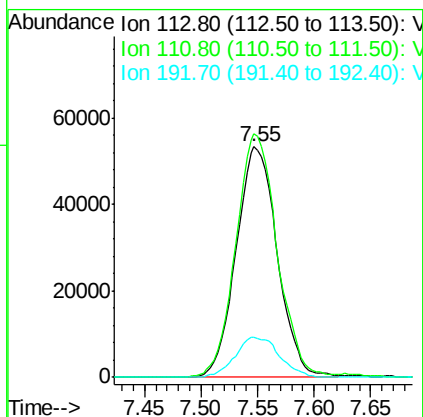
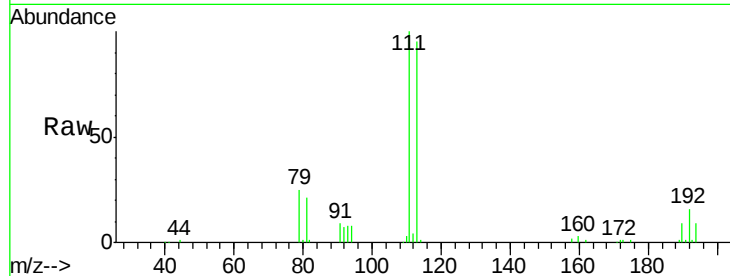




#35
 Dibromofluoromethane
 Concen: 49.907 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

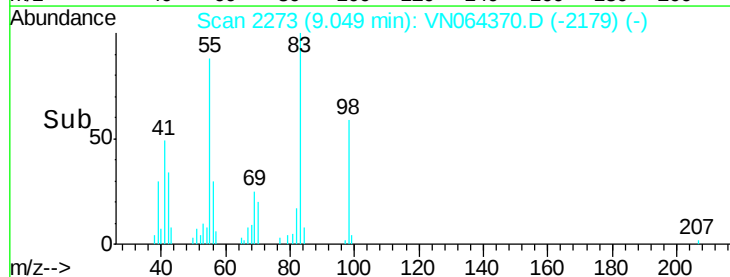
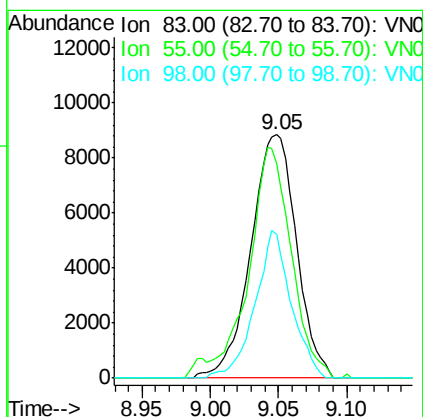
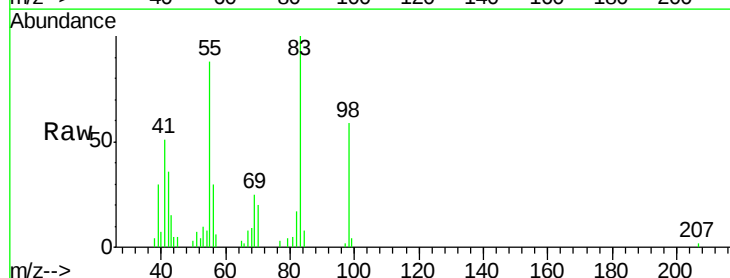
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

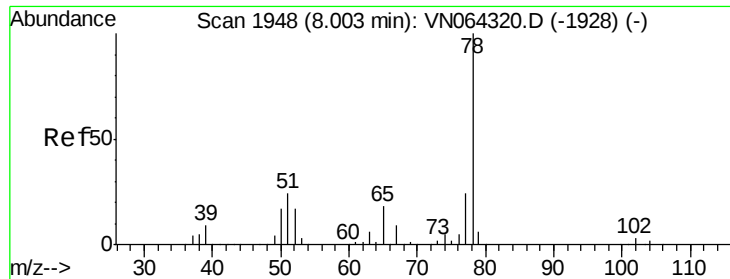
Tot Ion:113 Resp: 135409
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.5 122.3
 192 18.7 15.0 22.4



#39
 Methylcyclohexane
 Concen: 5.051 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Tgt Ion: 83 Resp: 20565
 Ion Ratio Lower Upper
 83 100
 55 88.0 66.2 99.4
 98 58.9 36.0 54.0#





#40

Benzene

Concen: 3.616 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

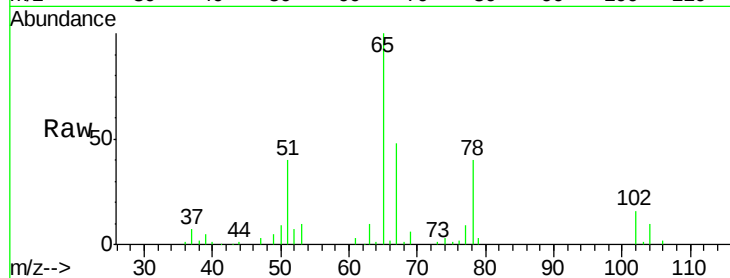
MW-1

Tot Ion: 78 Resp: 41327

Ion Ratio Lower Upper

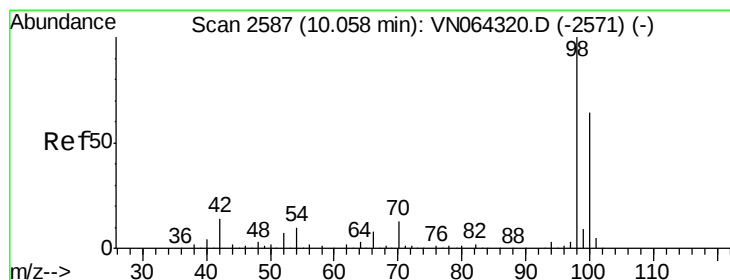
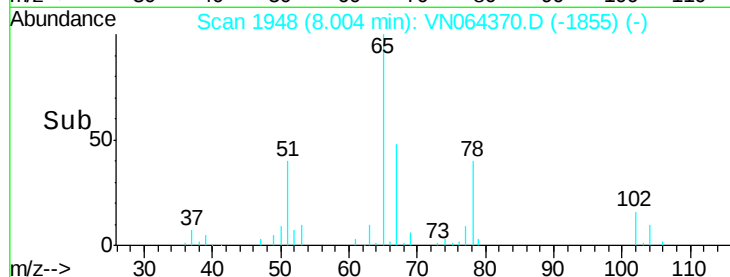
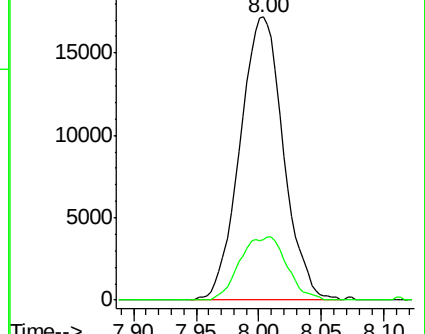
78 100

77 21.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 50.564 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064370.D

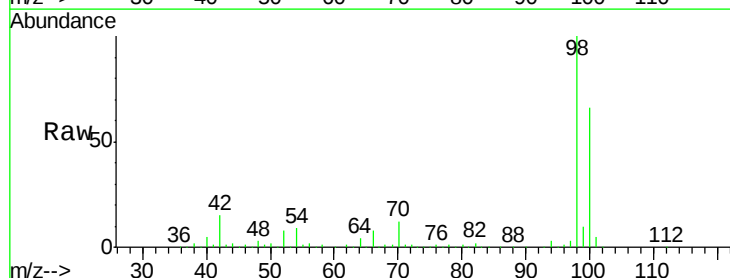
Acq: 29 Oct 2020 13:47

Tgt Ion: 98 Resp: 507462

Ion Ratio Lower Upper

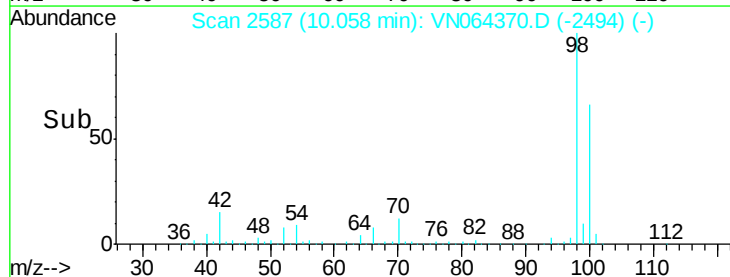
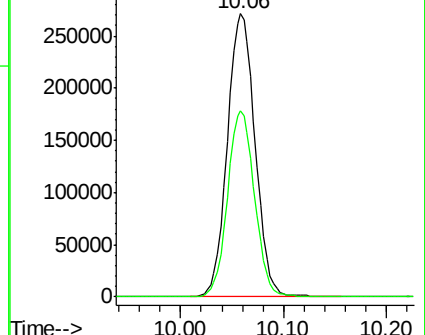
98 100

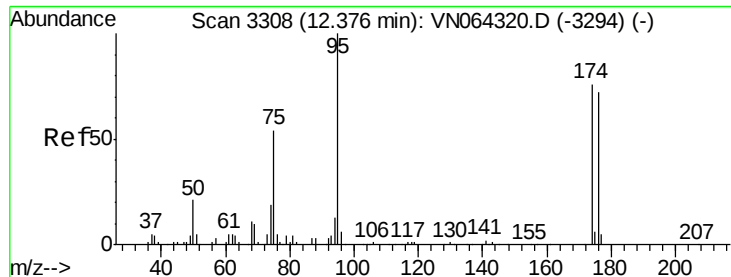
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

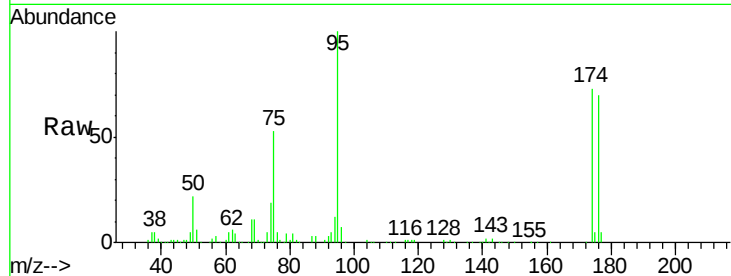




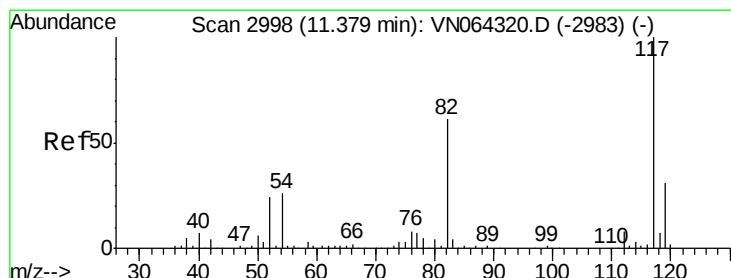
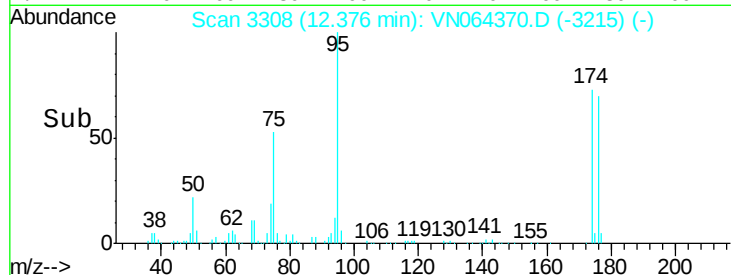
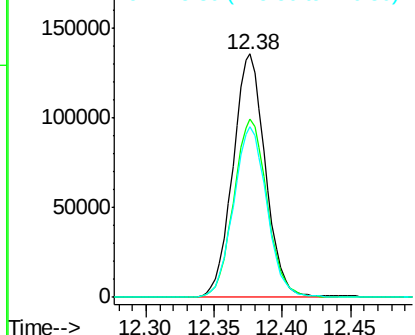
#62
4-Bromofluorobenzene
Concen: 57.372 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion: 95 Resp: 224494
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 71.5 0.0 143.6

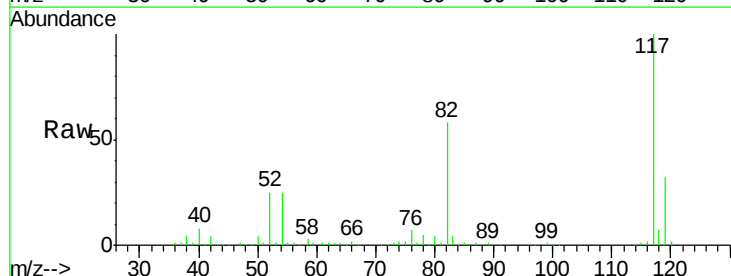


Abundance Ion 94.90 (94.60 to 95.60): VN064370.D (-3215) (-)
Ion 173.80 (173.50 to 174.50): VN064370.D (-3215) (-)
Ion 175.80 (175.50 to 176.50): VN064370.D (-3215) (-)

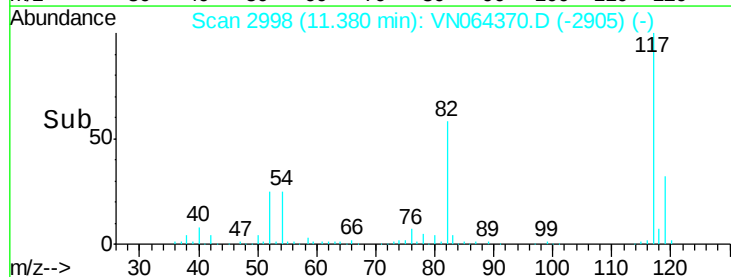
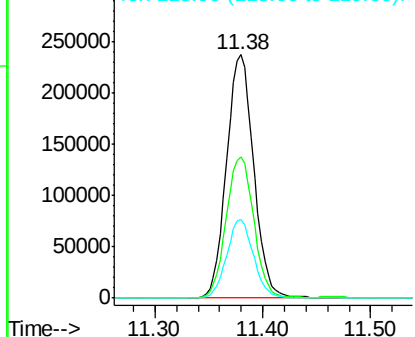


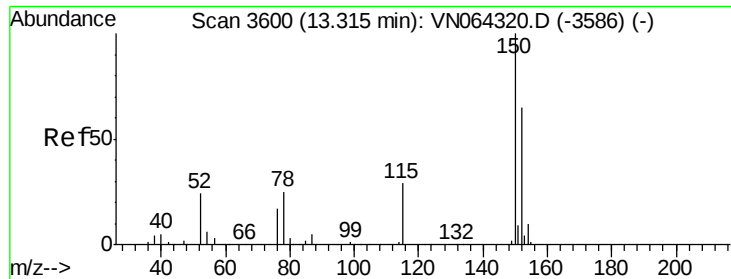
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 117 Resp: 416552
Ion Ratio Lower Upper
117 100
82 57.8 48.8 73.2
119 32.1 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): VN064370.D (-2905) (-)
Ion 82.00 (81.70 to 82.70): VN064370.D (-2905) (-)
Ion 118.90 (118.60 to 119.60): VN064370.D (-2905) (-)



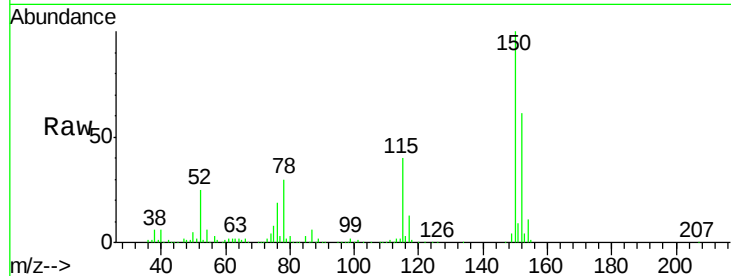


#72

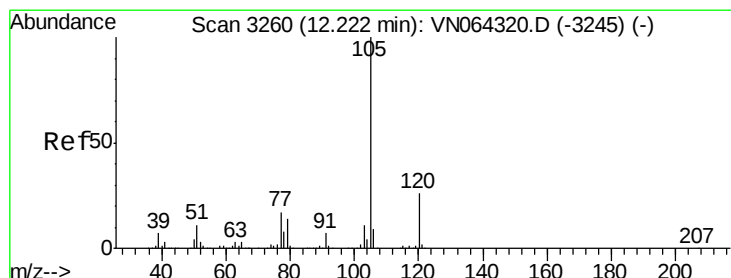
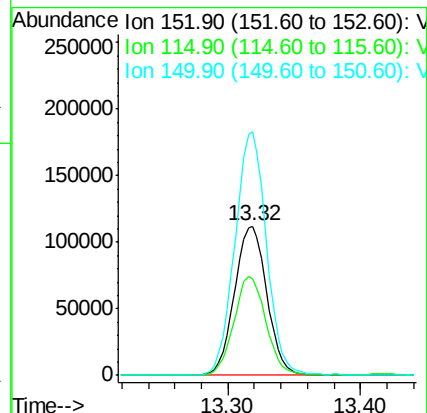
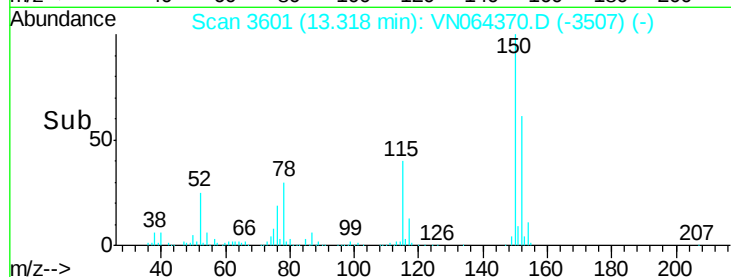
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:152 Resp: 190470
Ion Ratio Lower Upper
152 100
115 64.6 31.5 94.5
150 158.6 0.0 346.2



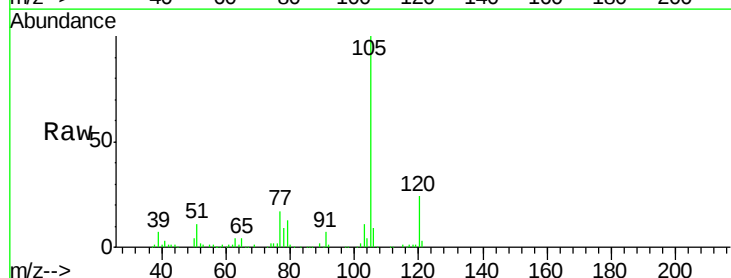
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



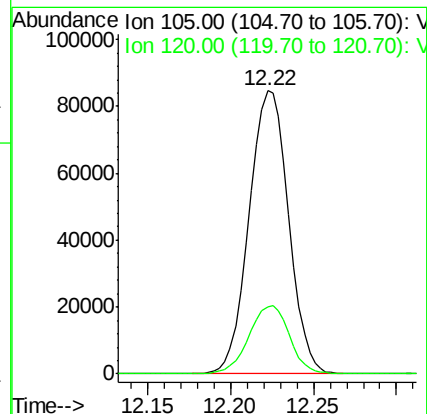
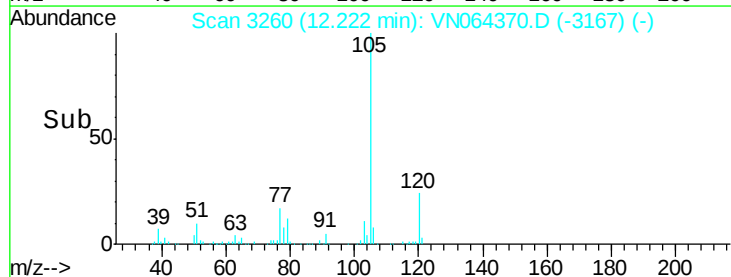
#73

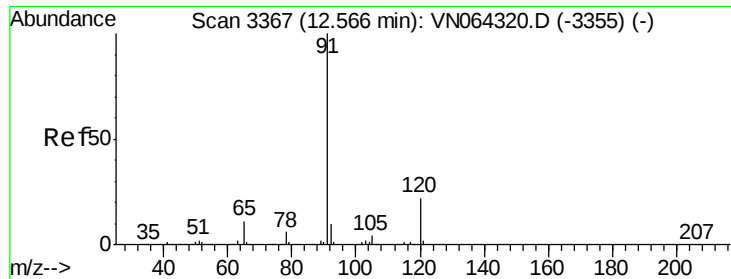
Isopropylbenzene
Concen: 9.864 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion:105 Resp: 140720
Ion Ratio Lower Upper
105 100
120 24.7 13.2 39.5



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

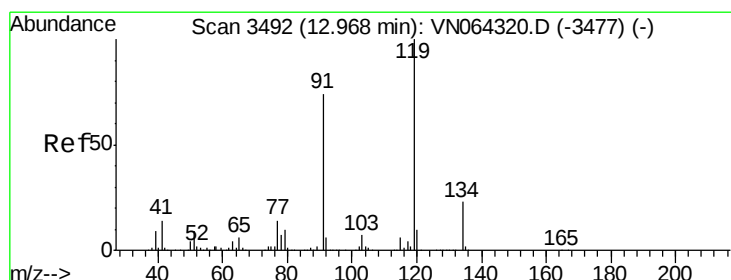
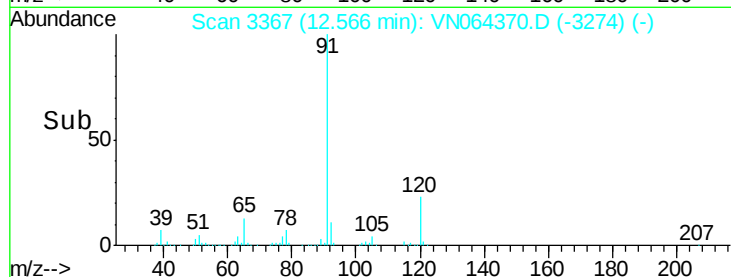
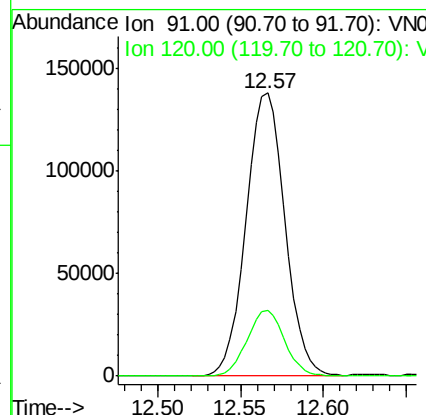
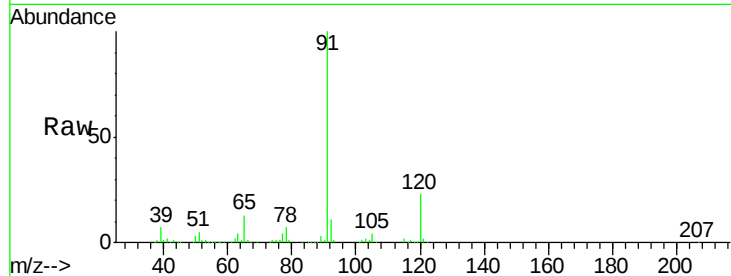




#78
n-propylbenzene
Concen: 13.941 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

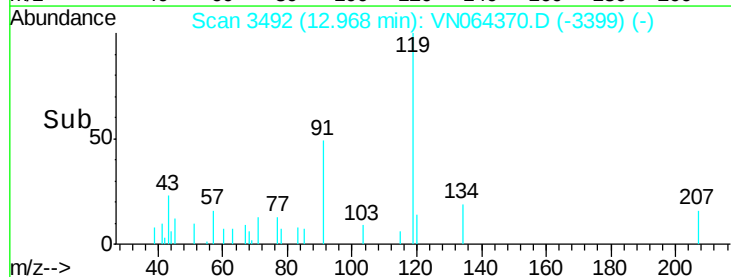
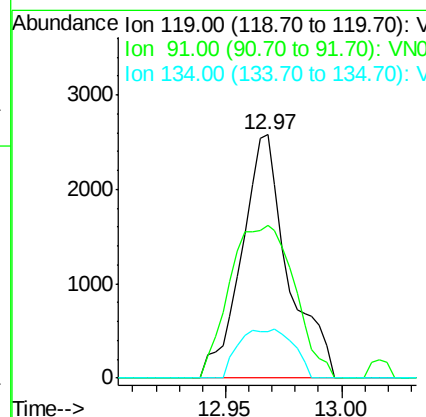
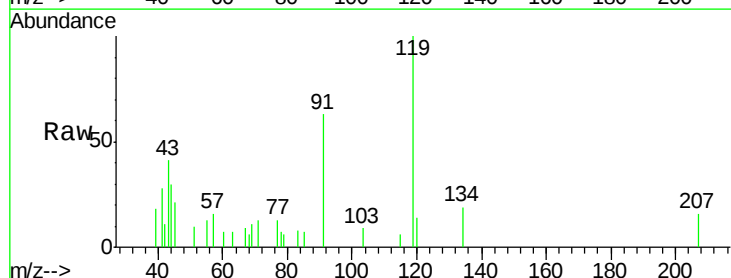
Instrument :
MSVOA_N
ClientSampled :
MW-1

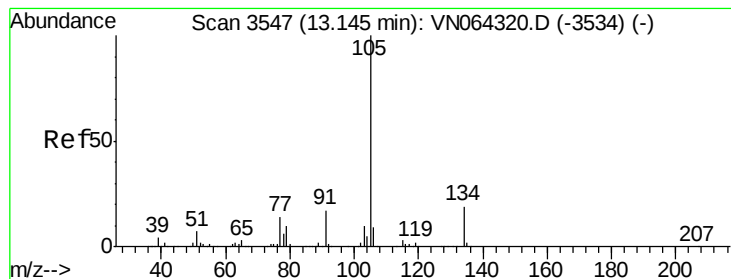
Tot Ion: 91 Resp: 225154
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5



#83
tert-Butylbenzene
Concen: 0.362 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 119 Resp: 3581
Ion Ratio Lower Upper
119 100
91 87.8 36.4 109.1
134 23.5 12.0 36.1





#85

sec-Butylbenzene

Concen: 5.514 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

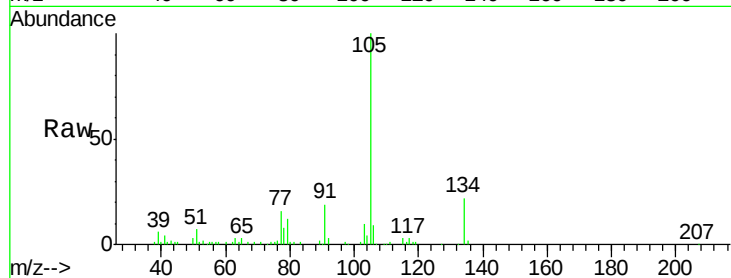
MW-1

Tot Ion:105 Resp: 70674

Ion Ratio Lower Upper

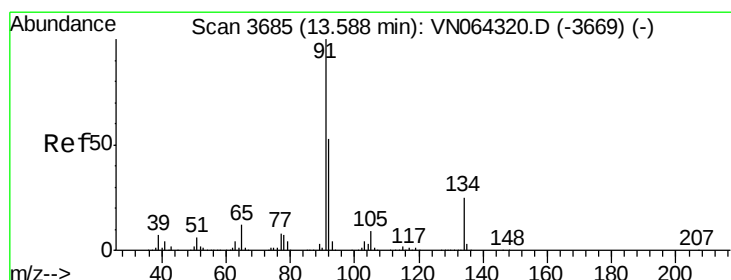
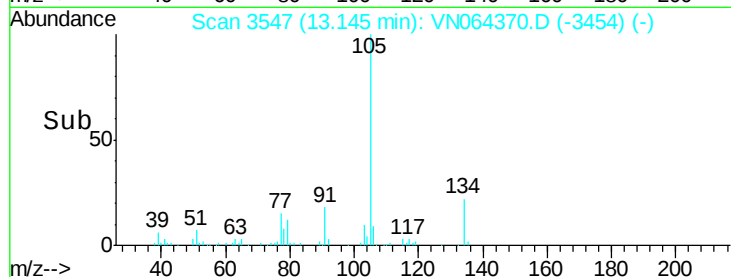
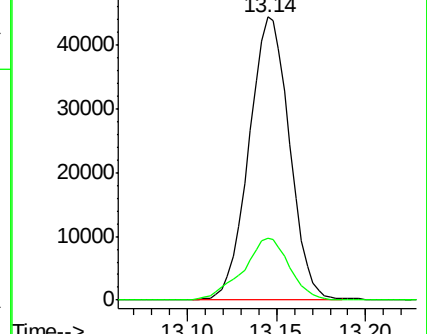
105 100

134 24.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 3.937 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

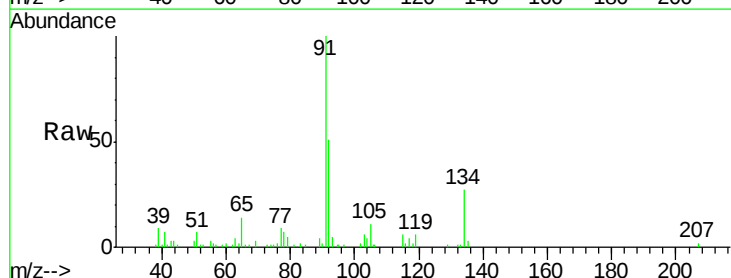
Tgt Ion: 91 Resp: 40049

Ion Ratio Lower Upper

91 100

92 42.7 26.2 78.5

134 32.4 12.4 37.4



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

