

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064230.D
 Acq On : 21 Oct 2020 18:43
 Operator : JC/MD
 Sample : L4434-04 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16757-A

Quant Time: Oct 22 17:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

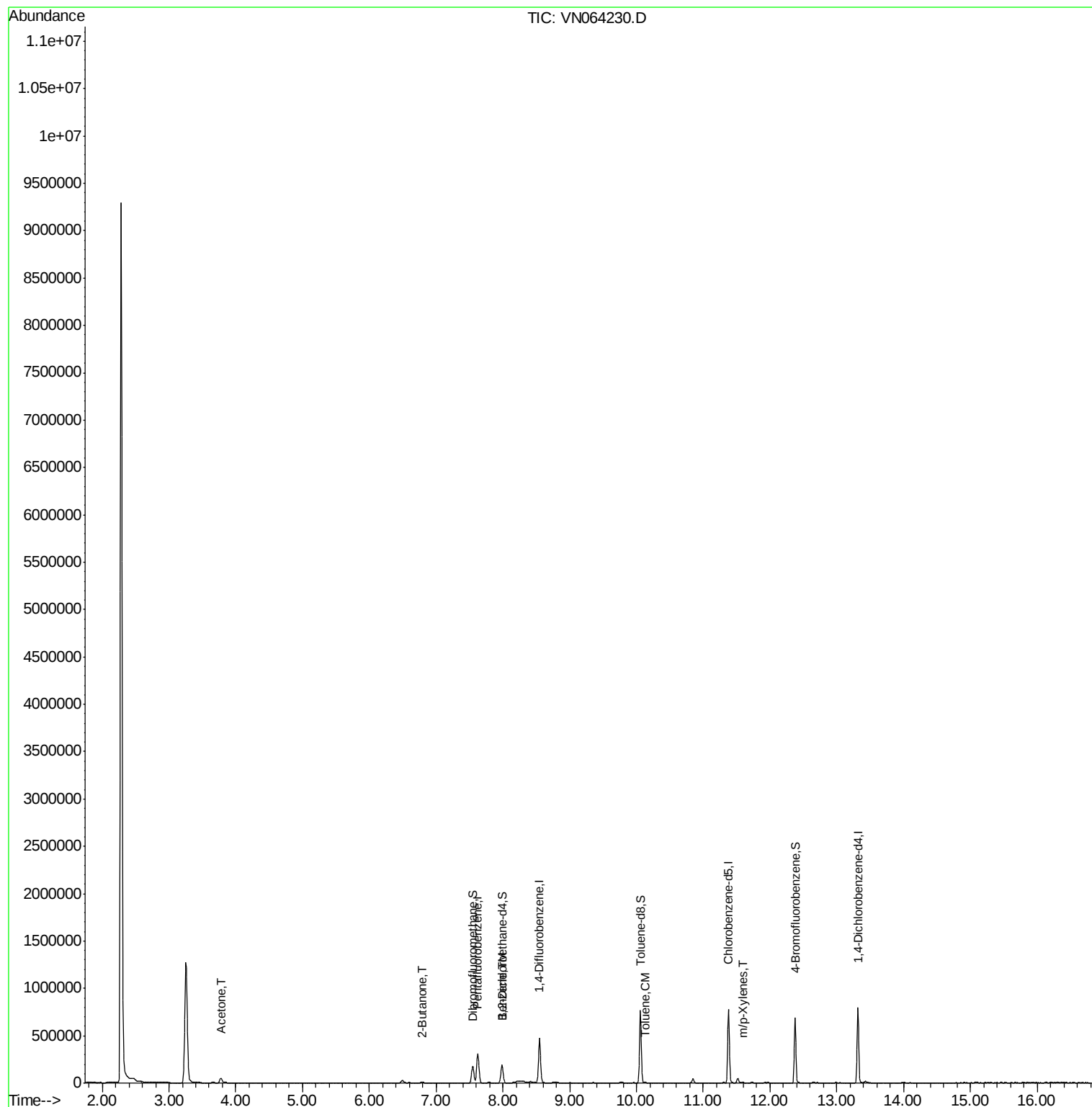
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	231002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178946	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	134075	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.06	98	512955	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	235695	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.26%	
Target Compounds						
16) Acetone	3.78	43	90049	91.740	ug/l	97
25) 2-Butanone	6.79	43	14076	9.026	ug/l	90
40) Benzene	8.00	78	3777	0.334	ug/l	94
52) Toluene	10.13	92	3187	0.440	ug/l	92
68) m/p-Xylenes	11.59	106	1554	0.269	ug/l	84

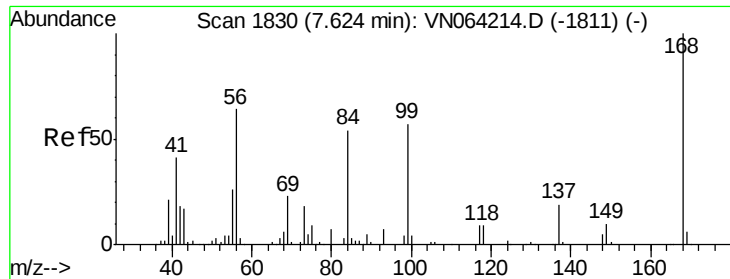
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

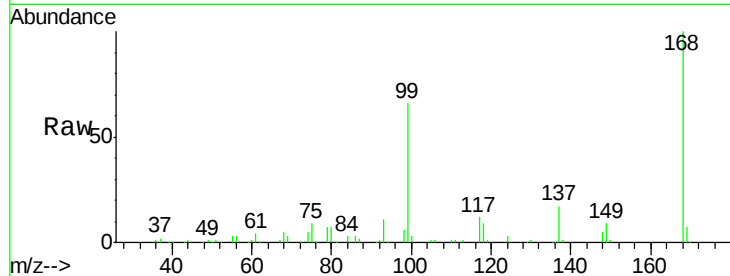
16757-A

Tot Ion:168 Resp: 231002

Ion Ratio Lower Upper

168 100

99 66.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

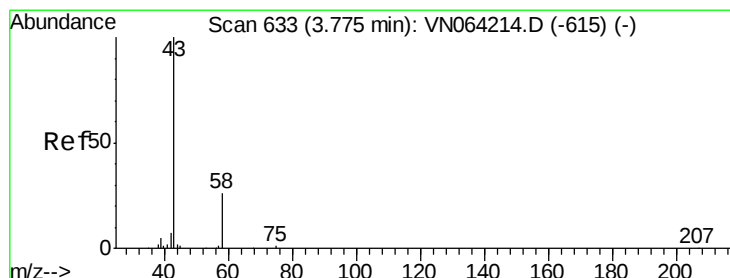
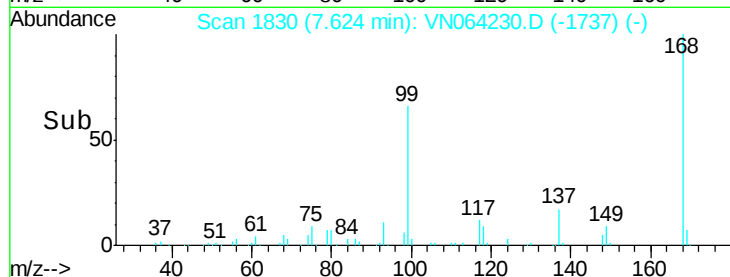
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 91.740 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064230.D

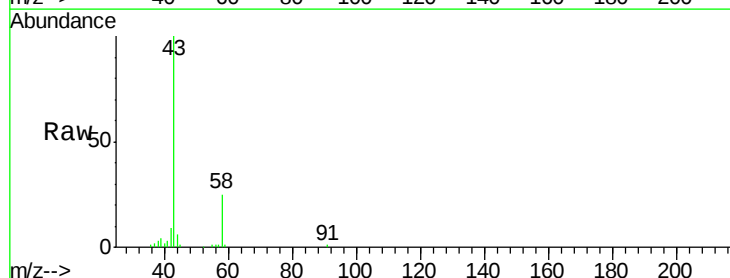
Acq: 21 Oct 2020 18:43

Tgt Ion: 43 Resp: 90049

Ion Ratio Lower Upper

43 100

58 24.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

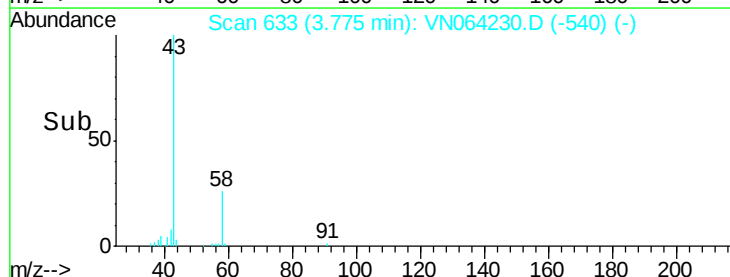
30000

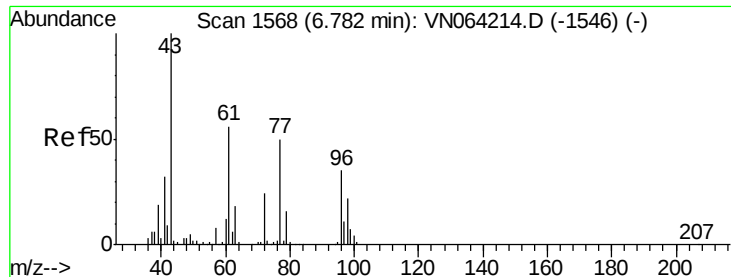
20000

10000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#25

2-Butanone

Concen: 9.026 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

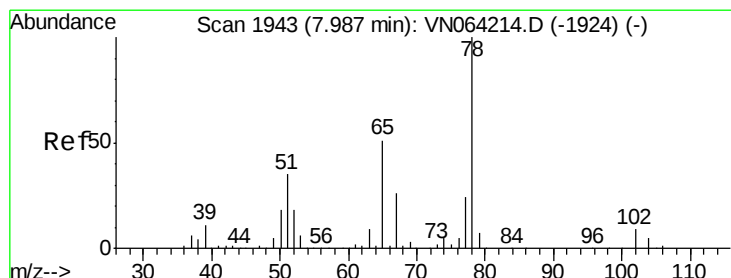
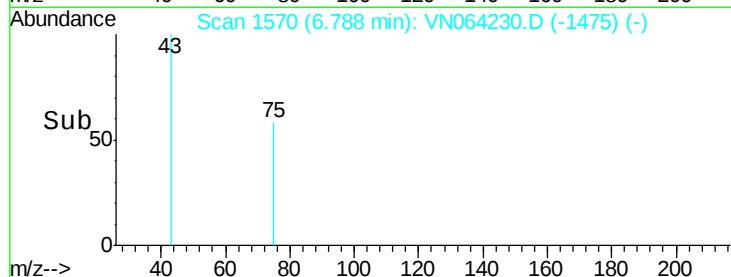
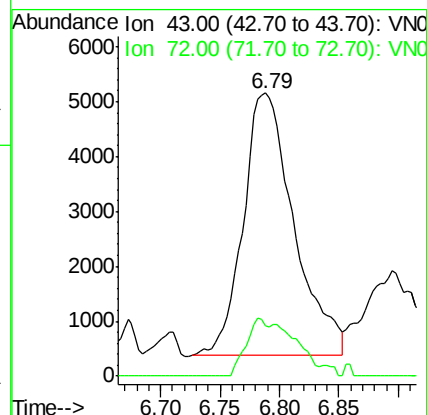
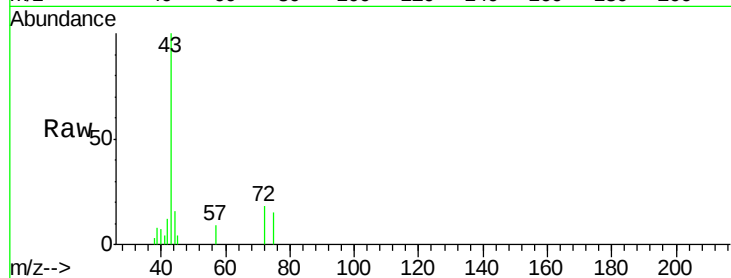
16757-A

Tot Ion: 43 Resp: 14076

Ion Ratio Lower Upper

43 100

72 19.5 19.4 29.0



#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064230.D

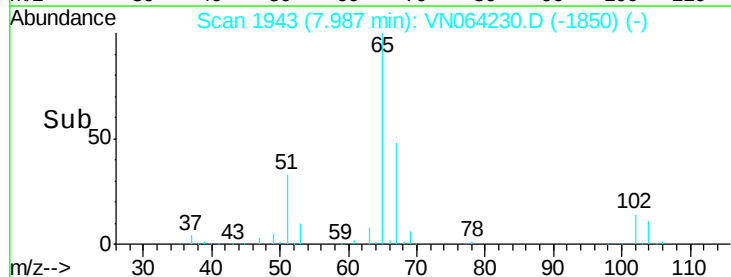
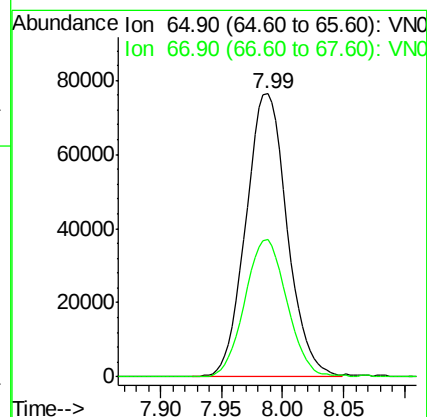
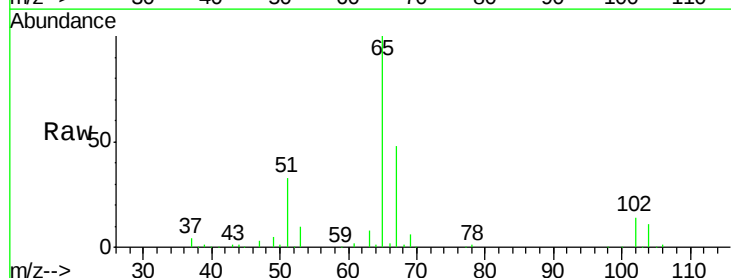
Acq: 21 Oct 2020 18:43

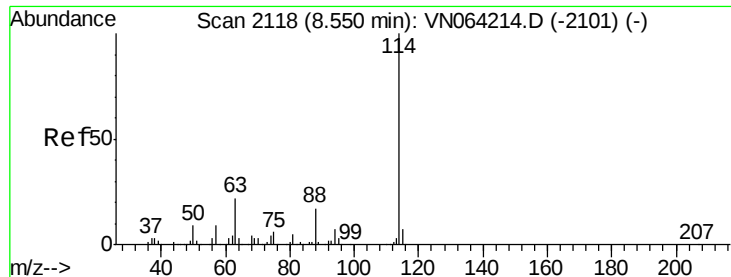
Tgt Ion: 65 Resp: 178946

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2

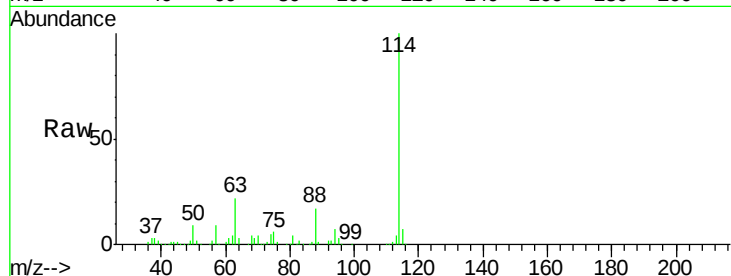




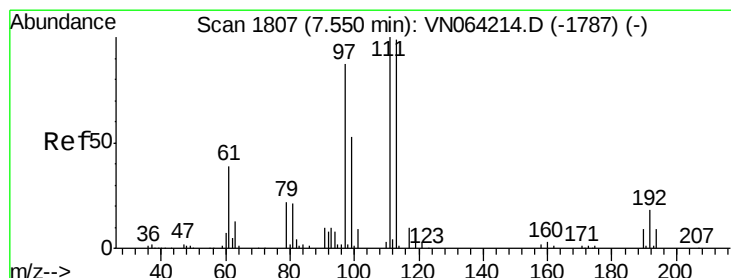
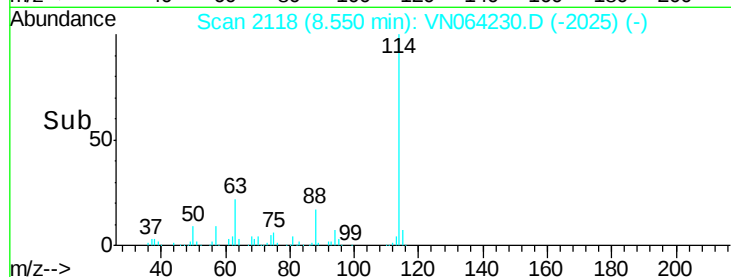
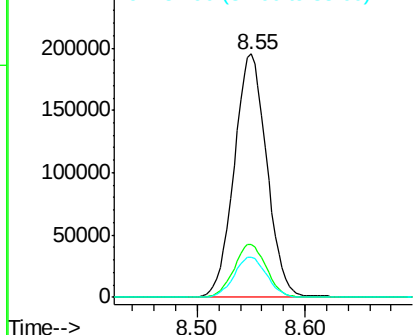
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064230.D
 Acq: 21 Oct 2020 18:43

Instrument :
 MSVOA_N
 ClientSampled :
 16757-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.7	0.0	34.2

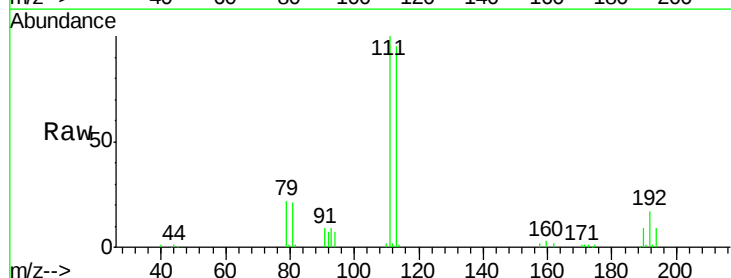


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

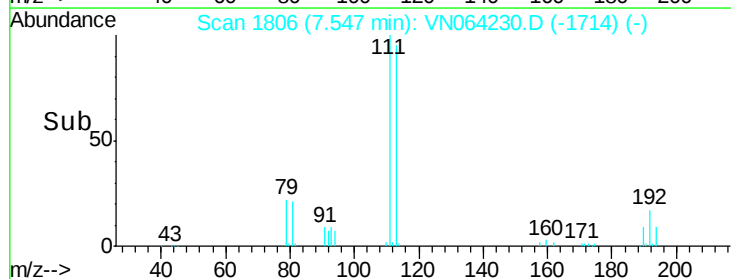
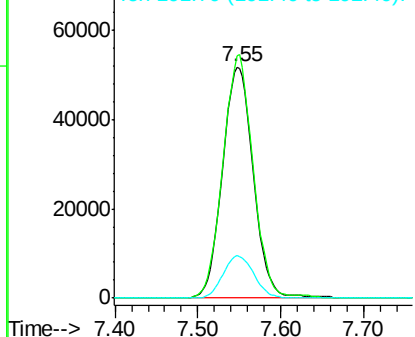


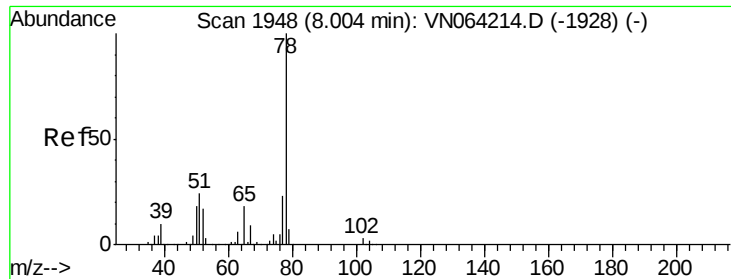
#35
 Dibromofluoromethane
 Concen: 49.043 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064230.D
 Acq: 21 Oct 2020 18:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	18.3	15.2	22.8



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





#40

Benzene

Concen: 0.334 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

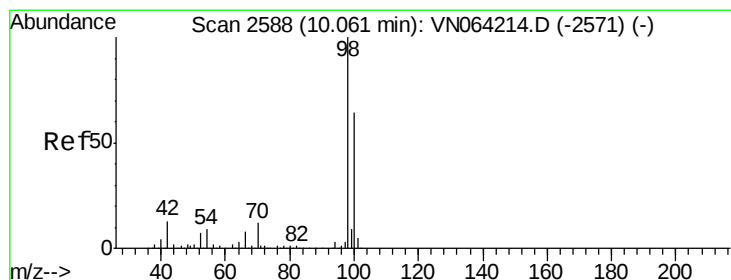
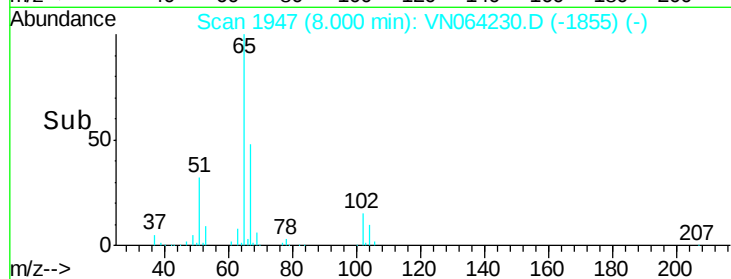
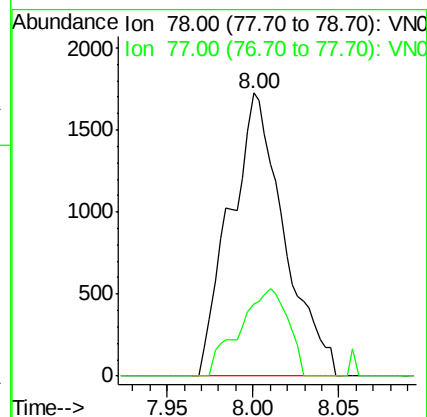
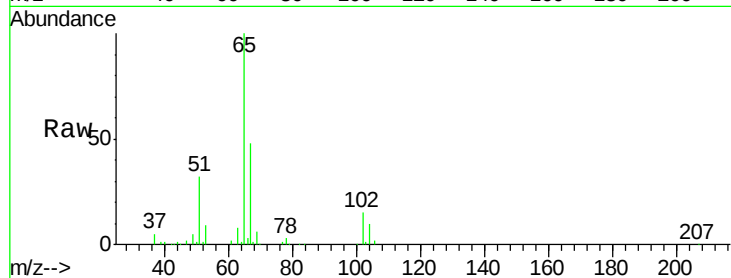
16757-A

Tot Ion: 78 Resp: 3777

Ion Ratio Lower Upper

78 100

77 25.6 18.3 27.5



#50

Toluene-d8

Concen: 51.725 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064230.D

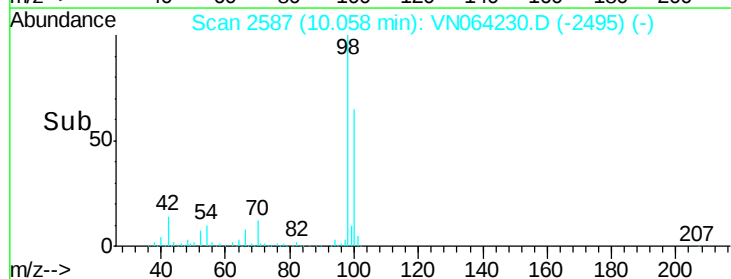
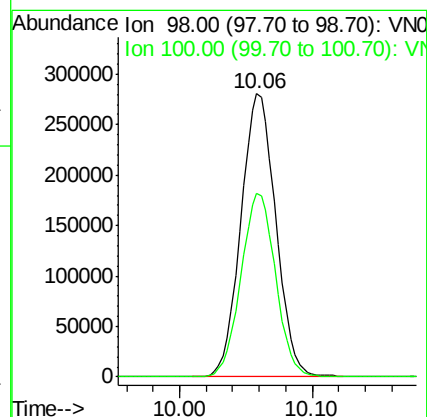
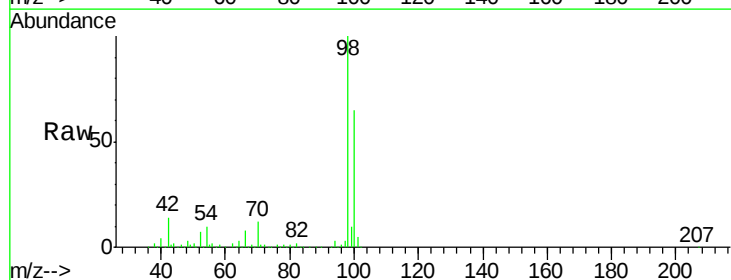
Acq: 21 Oct 2020 18:43

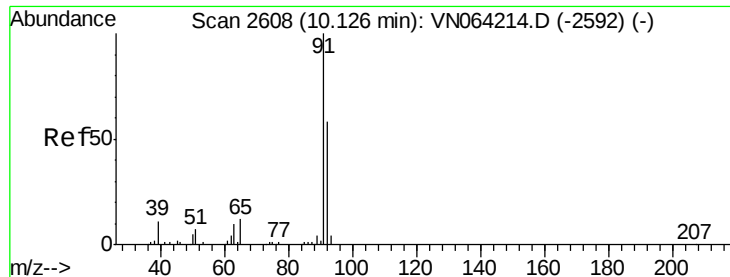
Tgt Ion: 98 Resp: 512955

Ion Ratio Lower Upper

98 100

100 64.2 50.8 76.2





#52

Toluene

Concen: 0.440 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

Instrument :

MSVOA_N

ClientSampled :

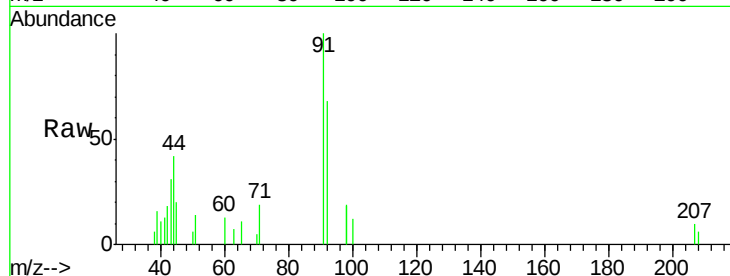
16757-A

Tot Ion: 92 Resp: 3187

Ion Ratio Lower Upper

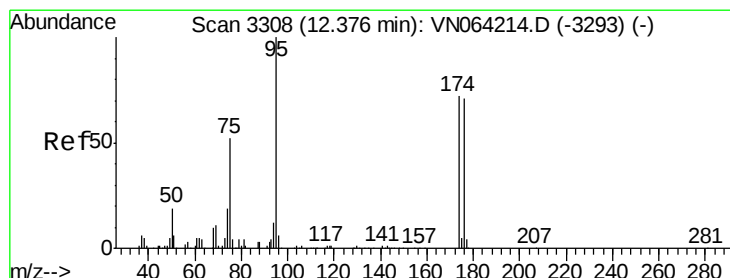
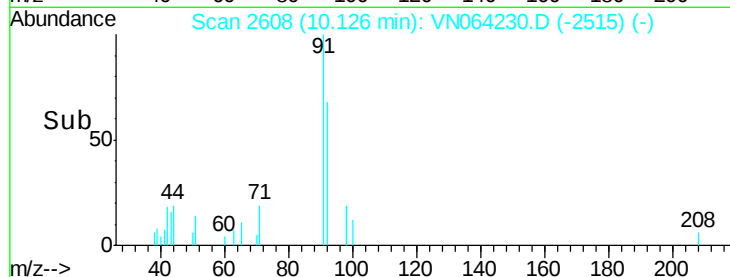
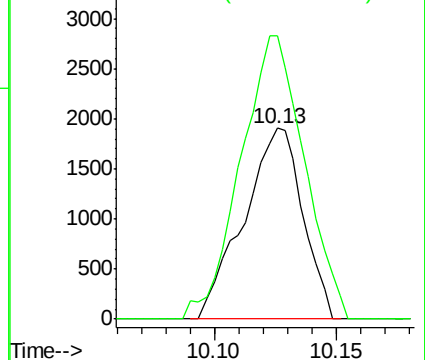
92 100

91 160.4 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN064230.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064230.D (-2515) (-)



#62

4-Bromofluorobenzene

Concen: 58.627 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

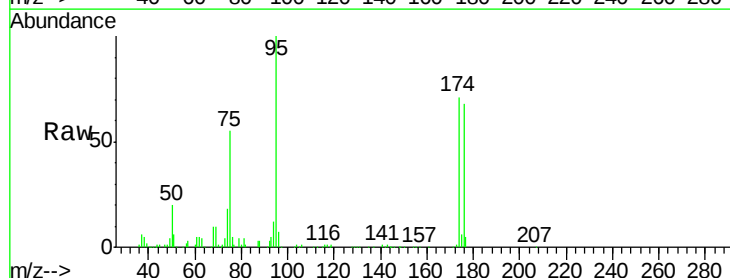
Tgt Ion: 95 Resp: 235695

Ion Ratio Lower Upper

95 100

174 71.1 0.0 144.4

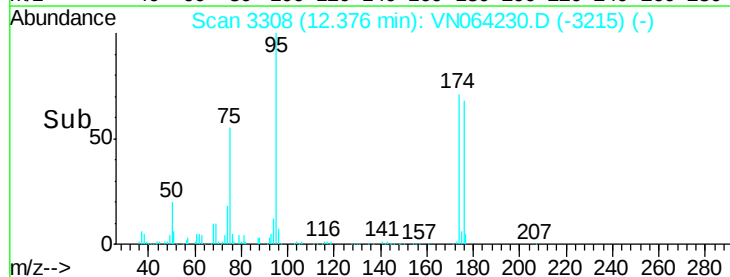
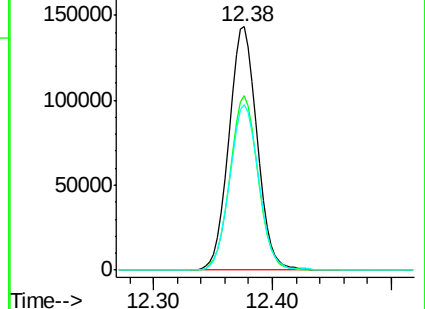
176 69.6 0.0 139.2

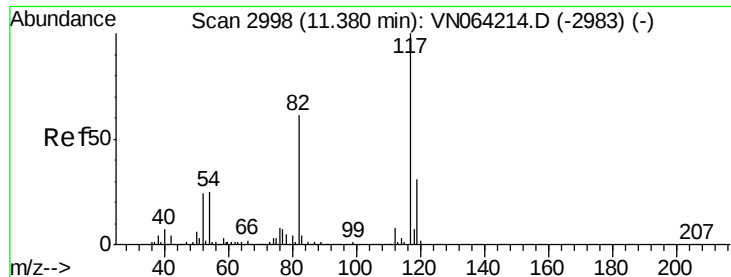


Abundance Ion 94.90 (94.60 to 95.60): VN064230.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064230.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064230.D (-3215) (-)

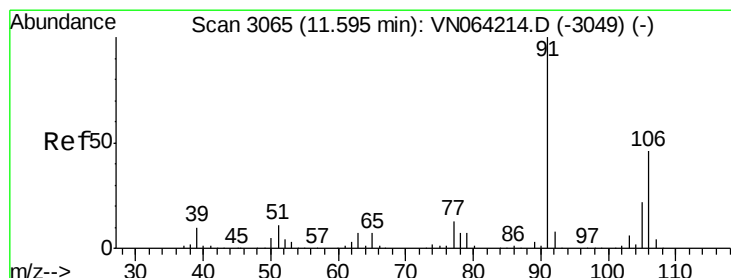
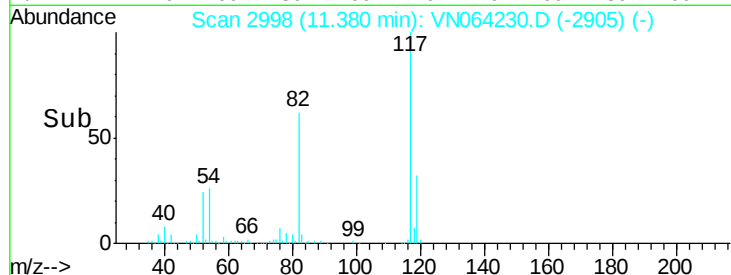
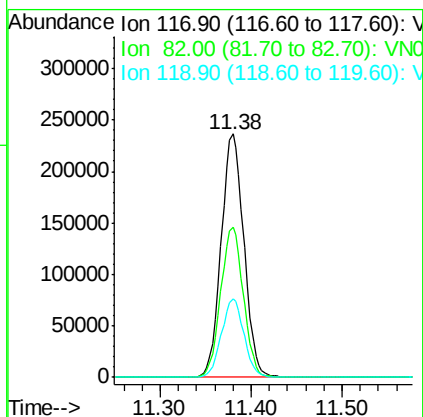
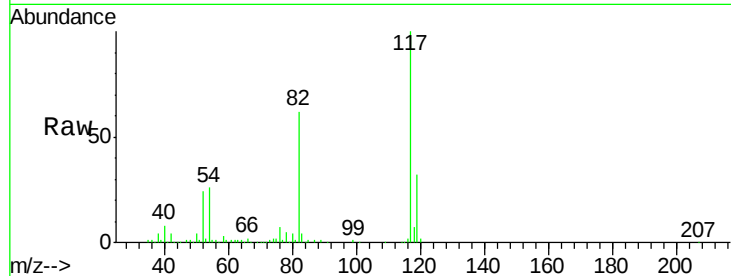




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064230.D
Acq: 21 Oct 2020 18:43

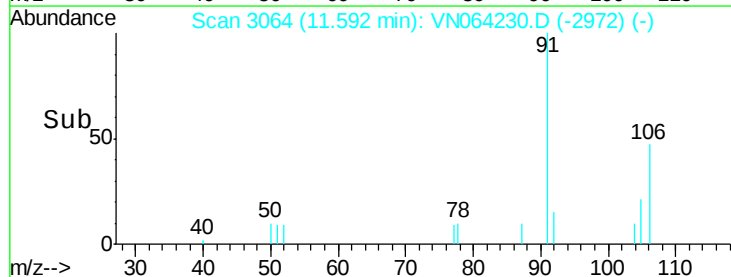
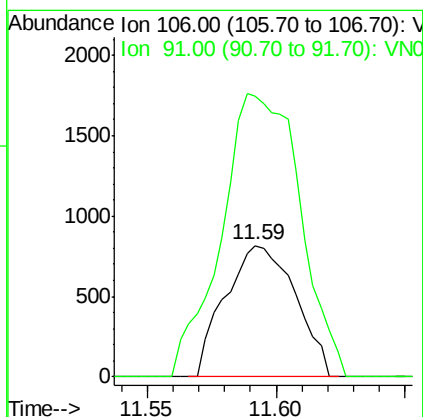
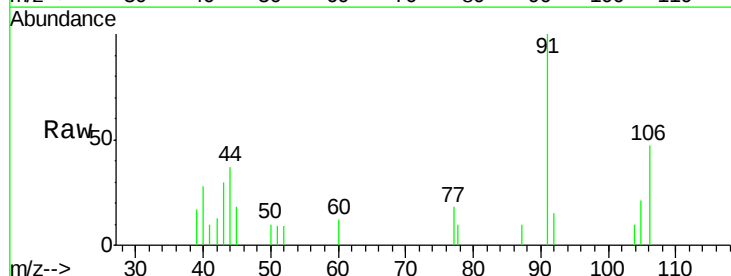
Instrument :
MSVOA_N
ClientSampled :
16757-A

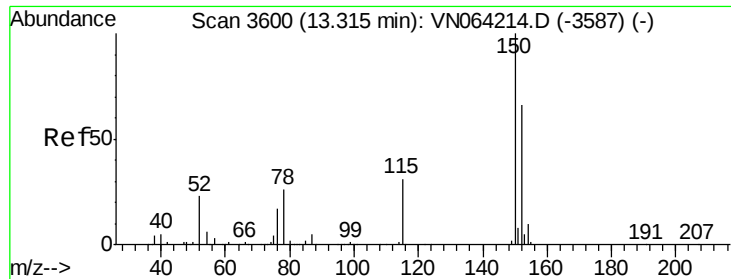
Tot Ion:117 Resp: 410544
Ion Ratio Lower Upper
117 100
82 61.8 48.8 73.2
119 32.0 24.7 37.1



#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064230.D
Acq: 21 Oct 2020 18:43

Tgt Ion:106 Resp: 1554
Ion Ratio Lower Upper
106 100
91 240.9 172.2 258.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064230.D

Acq: 21 Oct 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

16757-A

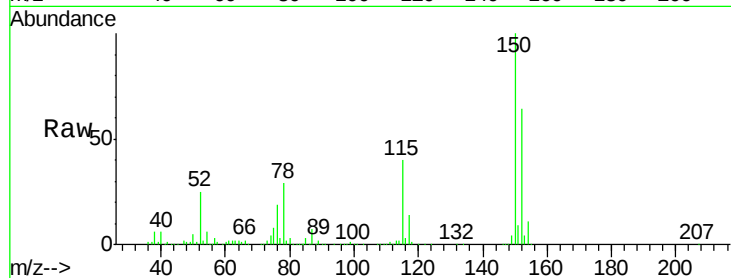
Tot Ion:152 Resp: 199784

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.2

150 154.9 0.0 356.6



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

