

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091420\
 Data File : VN063344.D
 Acq On : 14 Sep 2020 15:43
 Operator : JC/MD
 Sample : L3981-07ME 20X
 Misc : 8.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-0-2ME

Quant Time: Sep 15 07:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

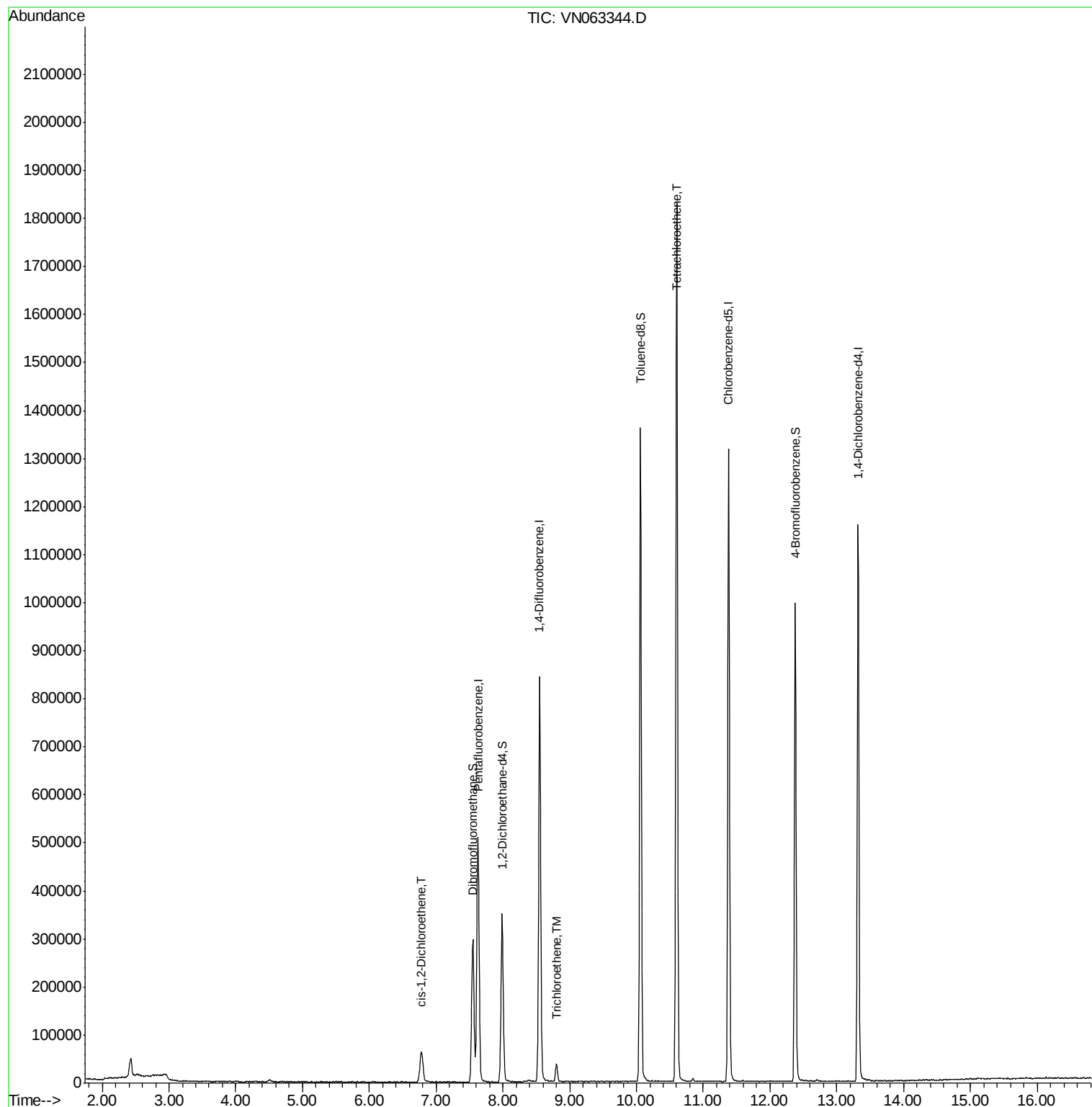
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	383195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	721834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	705125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	289839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	294207	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	226516	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	10.06	98	924152	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	345554	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	28416	5.189	ug/l	91
44) Trichloroethene	8.80	130	11031	1.990	ug/l	85
64) Tetrachloroethene	10.60	164	382063	66.143	ug/l	97

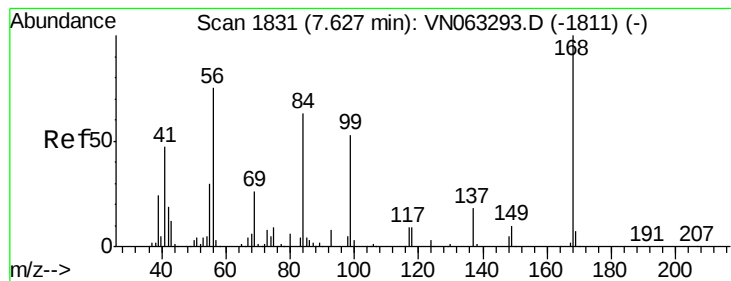
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091420\
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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 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: VN063344.D

Acq: 14 Sep 2020 15:43

Instrument :

MSVOA_N

ClientSampled :

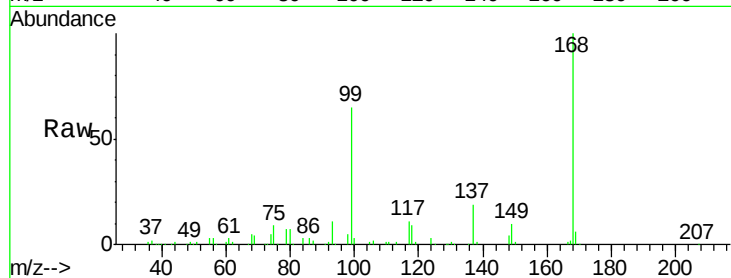
B19-0-2ME

Tot Ion:168 Resp: 383195

Ion Ratio Lower Upper

168 100

99 64.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

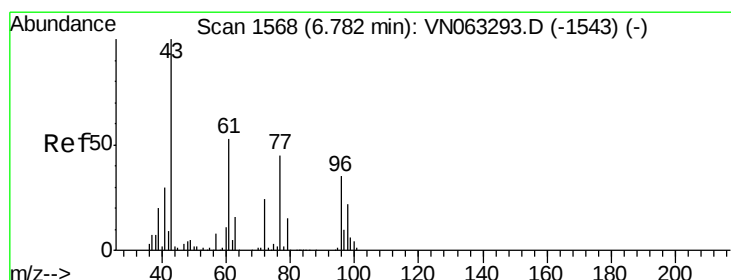
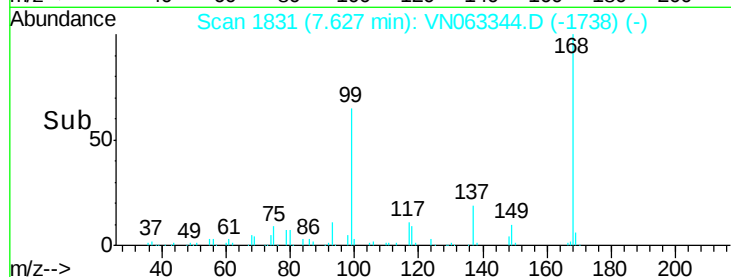
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 5.189 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063344.D

Acq: 14 Sep 2020 15:43

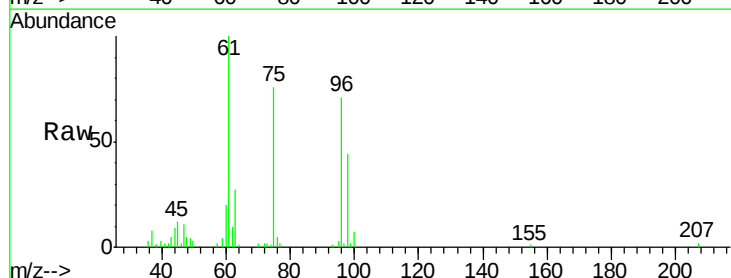
Tgt Ion: 96 Resp: 28416

Ion Ratio Lower Upper

96 100

61 148.2 0.0 322.8

98 61.3 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

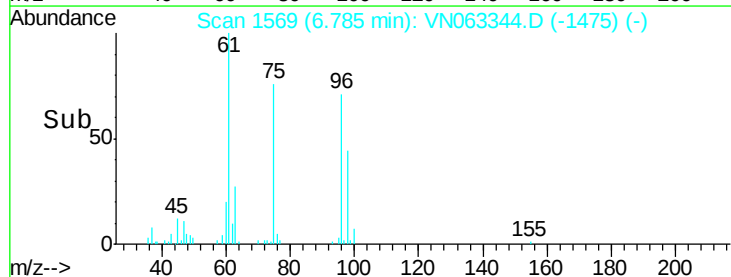
15000

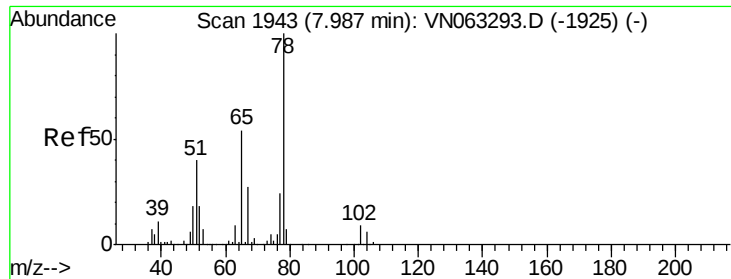
10000

5000

0

Time--> 6.70 6.75 6.80 6.85





#33

1,2-Dichloroethane-d4

Concen: 48.867 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063344.D

Acq: 14 Sep 2020 15:43

Instrument :

MSVOA_N

ClientSampled :

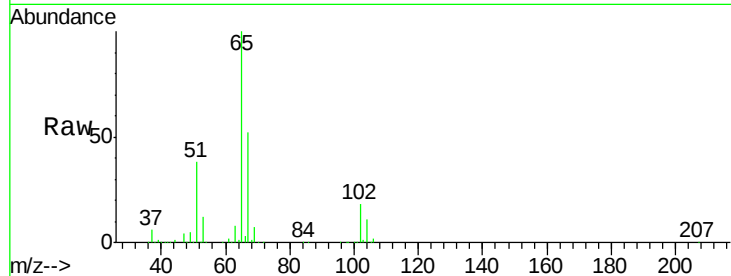
B19-0-2ME

Tot Ion: 65 Resp: 294207

Ion Ratio Lower Upper

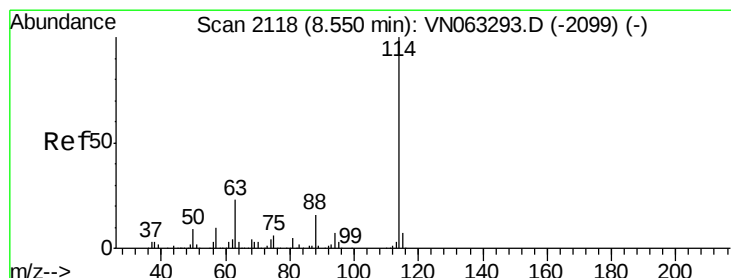
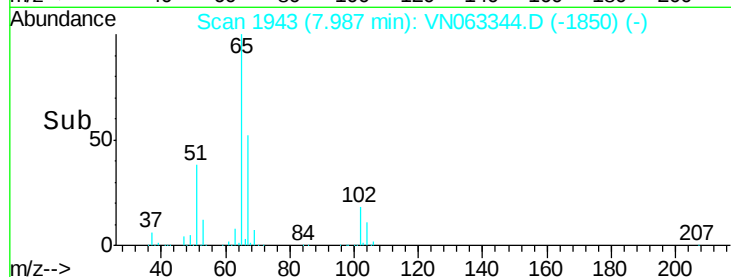
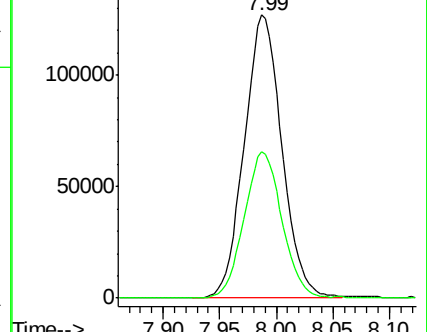
65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN063344.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063344.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: VN063344.D

Acq: 14 Sep 2020 15:43

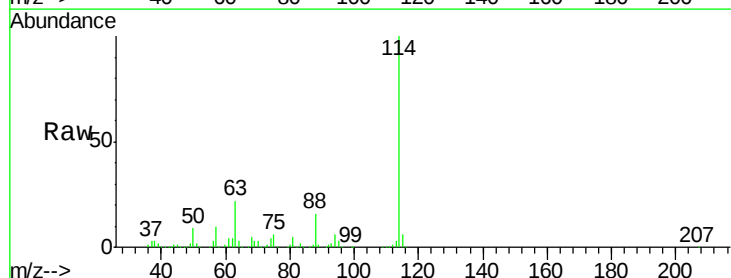
Tgt Ion: 114 Resp: 721834

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

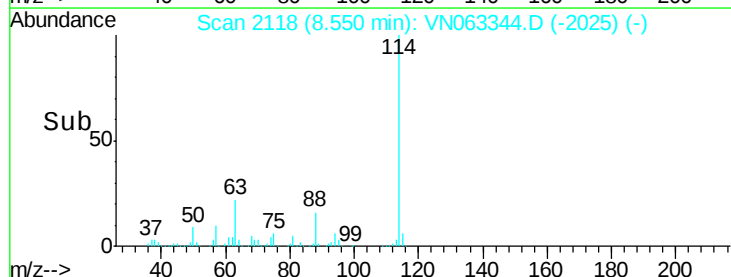
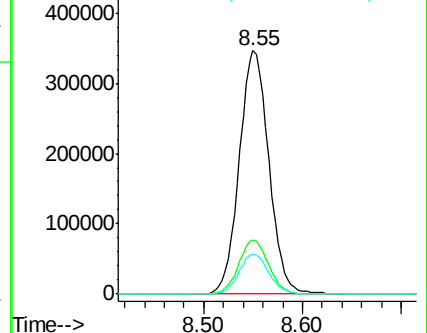
88 16.4 0.0 32.8

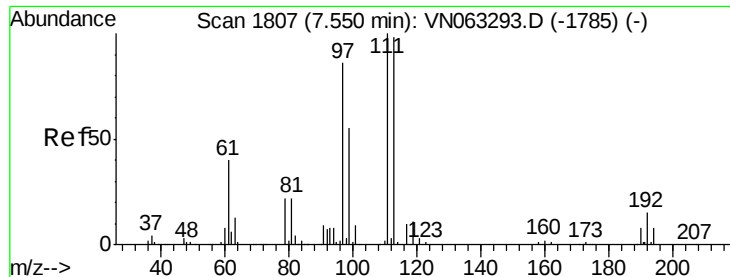


Abundance Ion 113.90 (113.60 to 114.60): VN063344.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063344.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063344.D (-2025) (-)

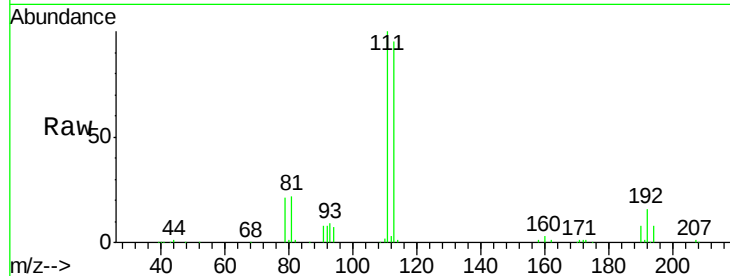




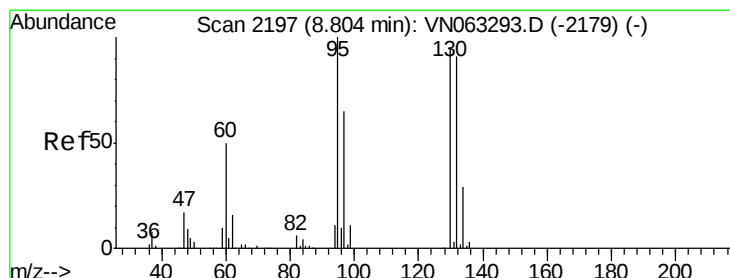
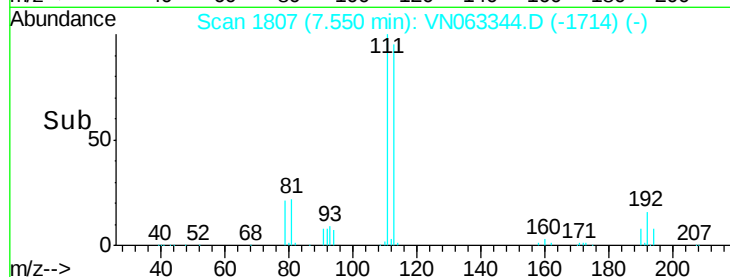
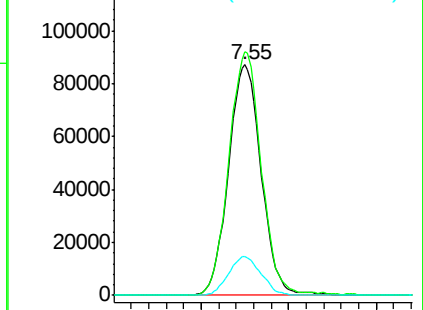
#35
Dibromofluoromethane
Concen: 48.643 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063344.D
Acq: 14 Sep 2020 15:43

Instrument :
MSVOA_N
ClientSampleId :
B19-0-2ME

Tot Ion:113 Resp: 226516
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 16.8 12.9 19.3

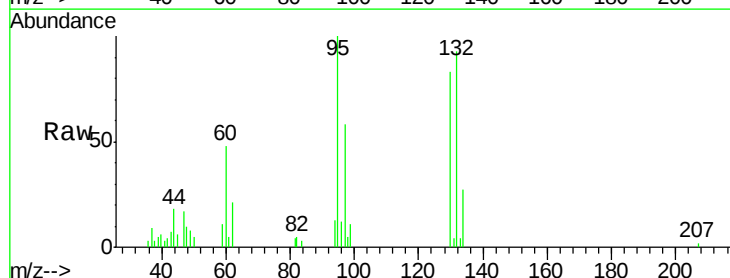


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

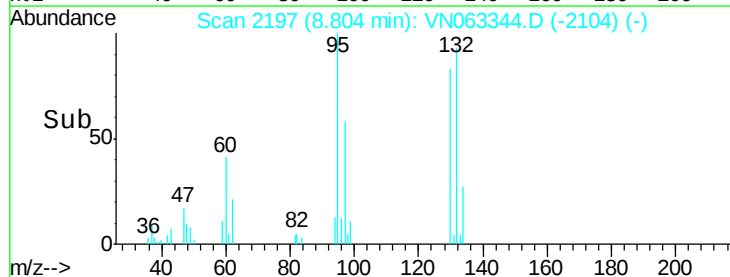
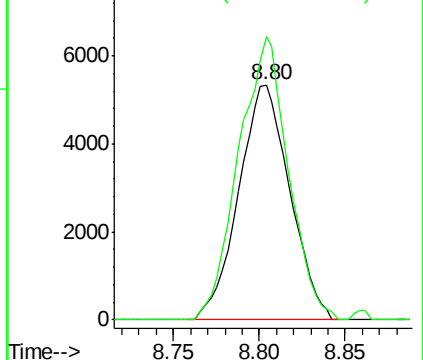


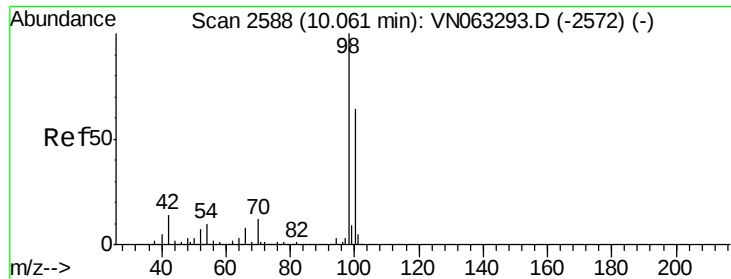
#44
Trichloroethene
Concen: 1.990 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN063344.D
Acq: 14 Sep 2020 15:43

Tgt Ion:130 Resp: 11031
Ion Ratio Lower Upper
130 100
95 120.4 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.786 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063344.D

Acq: 14 Sep 2020 15:43

Instrument :

MSVOA_N

ClientSampled :

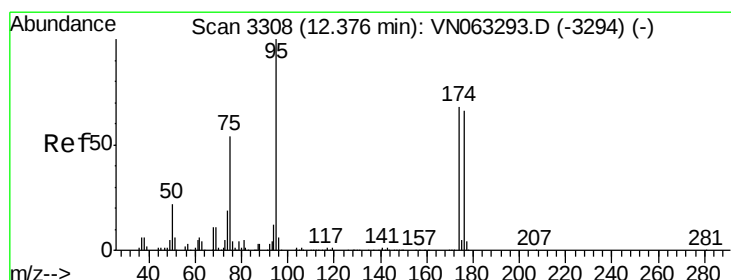
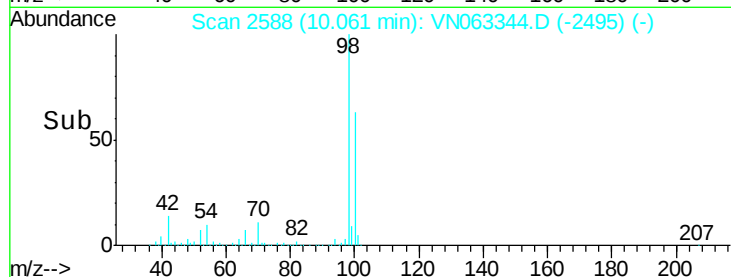
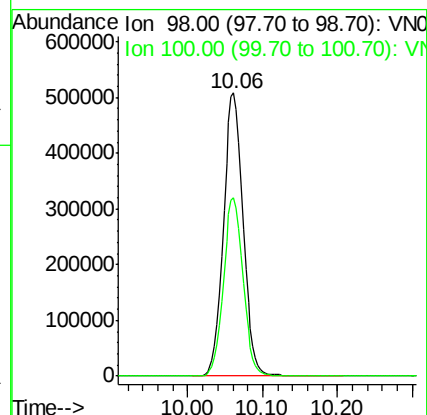
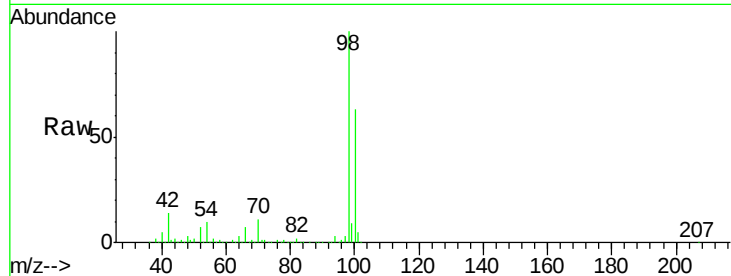
B19-0-2ME

Tot Ion: 98 Resp: 924152

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.425 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063344.D

Acq: 14 Sep 2020 15:43

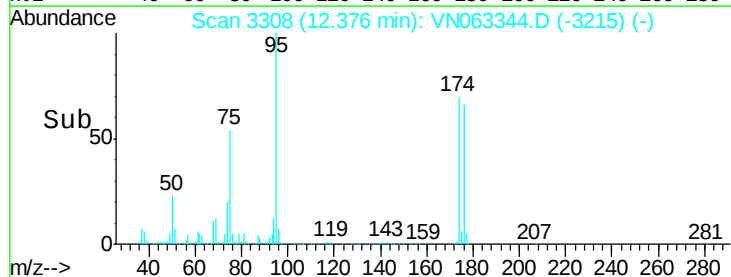
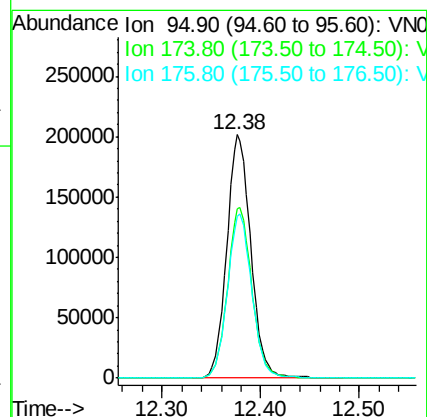
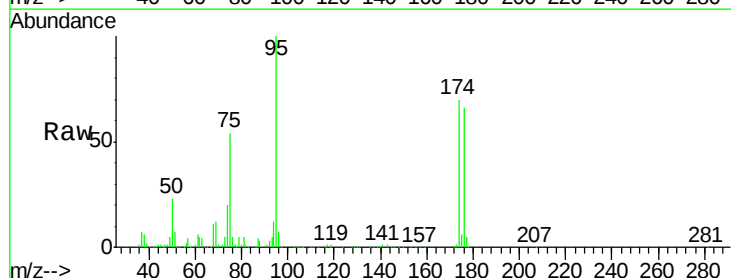
Tgt Ion: 95 Resp: 345554

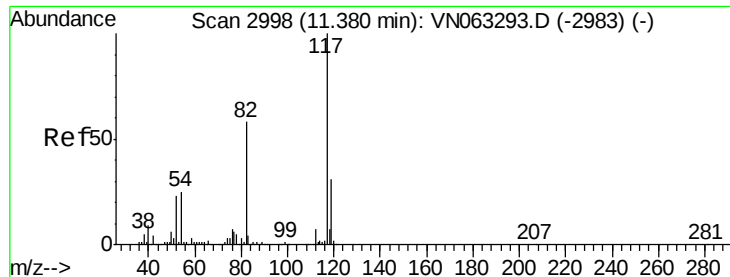
Ion Ratio Lower Upper

95 100

174 70.5 0.0 136.6

176 68.1 0.0 132.8

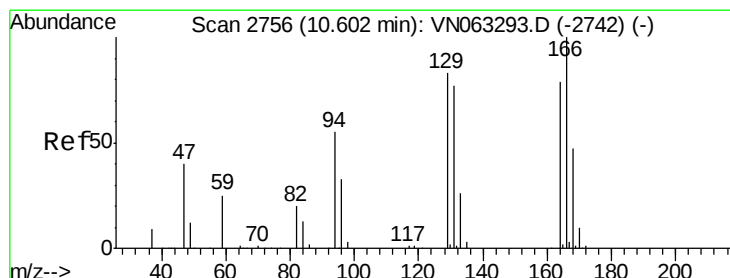
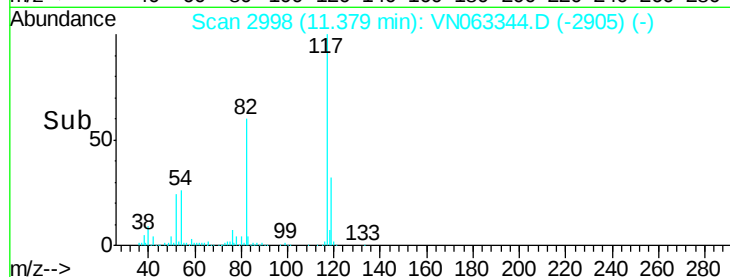
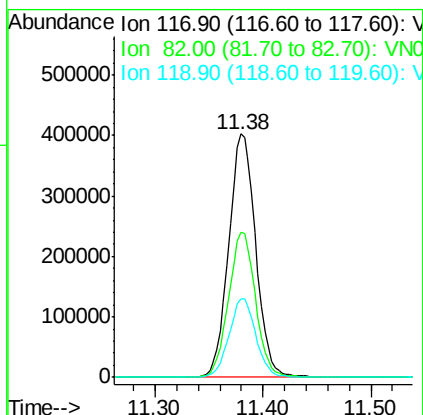
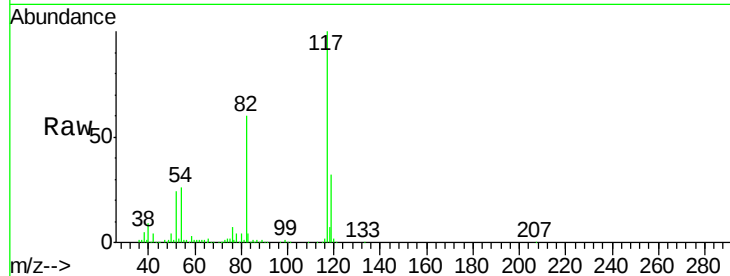




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063344.D
Acq: 14 Sep 2020 15:43

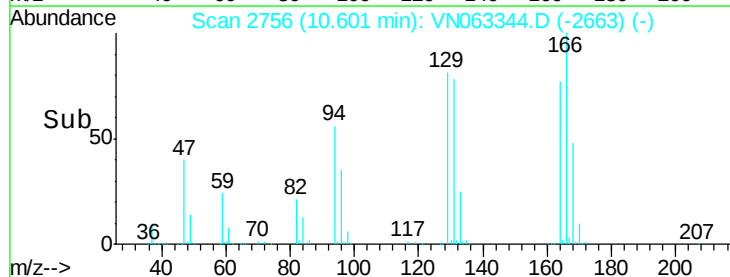
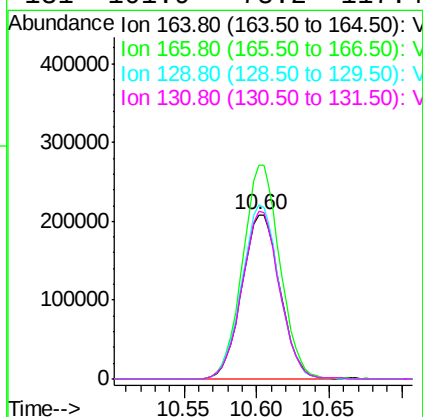
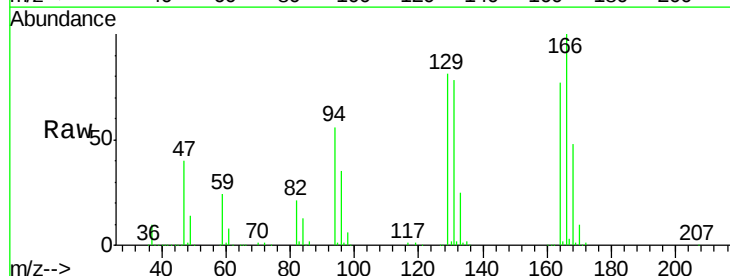
Instrument :
MSVOA_N
ClientSampled :
B19-0-2ME

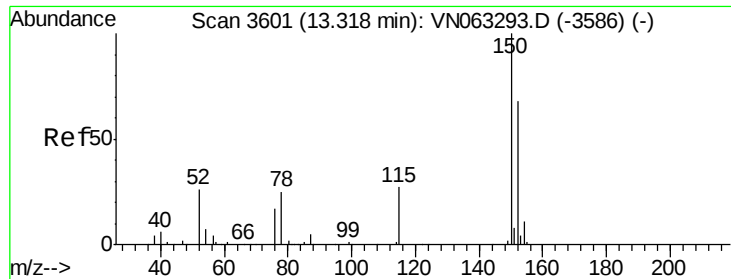
Tot Ion:117 Resp: 705125
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 66.143 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063344.D
Acq: 14 Sep 2020 15:43

Tgt Ion:164 Resp: 382063
Ion Ratio Lower Upper
164 100
166 130.0 101.3 151.9
129 105.9 83.7 125.5
131 101.9 78.2 117.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063344.D

Acq: 14 Sep 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

B19-0-2ME

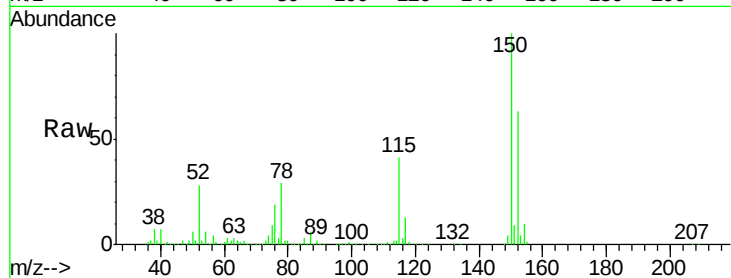
Tot Ion:152 Resp: 289839

Ion Ratio Lower Upper

152 100

115 64.2 31.5 94.5

150 159.8 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

