

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059180.D
 Acq On : 12 Nov 2019 11:26
 Operator : JC/SP
 Sample : K5769-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-306-SRI4

Quant Time: Nov 13 05:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	645757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	563183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	273025	53.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.22%	
35) Dibromofluoromethane	7.57	113	205572	53.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.64%	
50) Toluene-d8	10.08	98	783045	51.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.40	95	237620	43.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.78%	

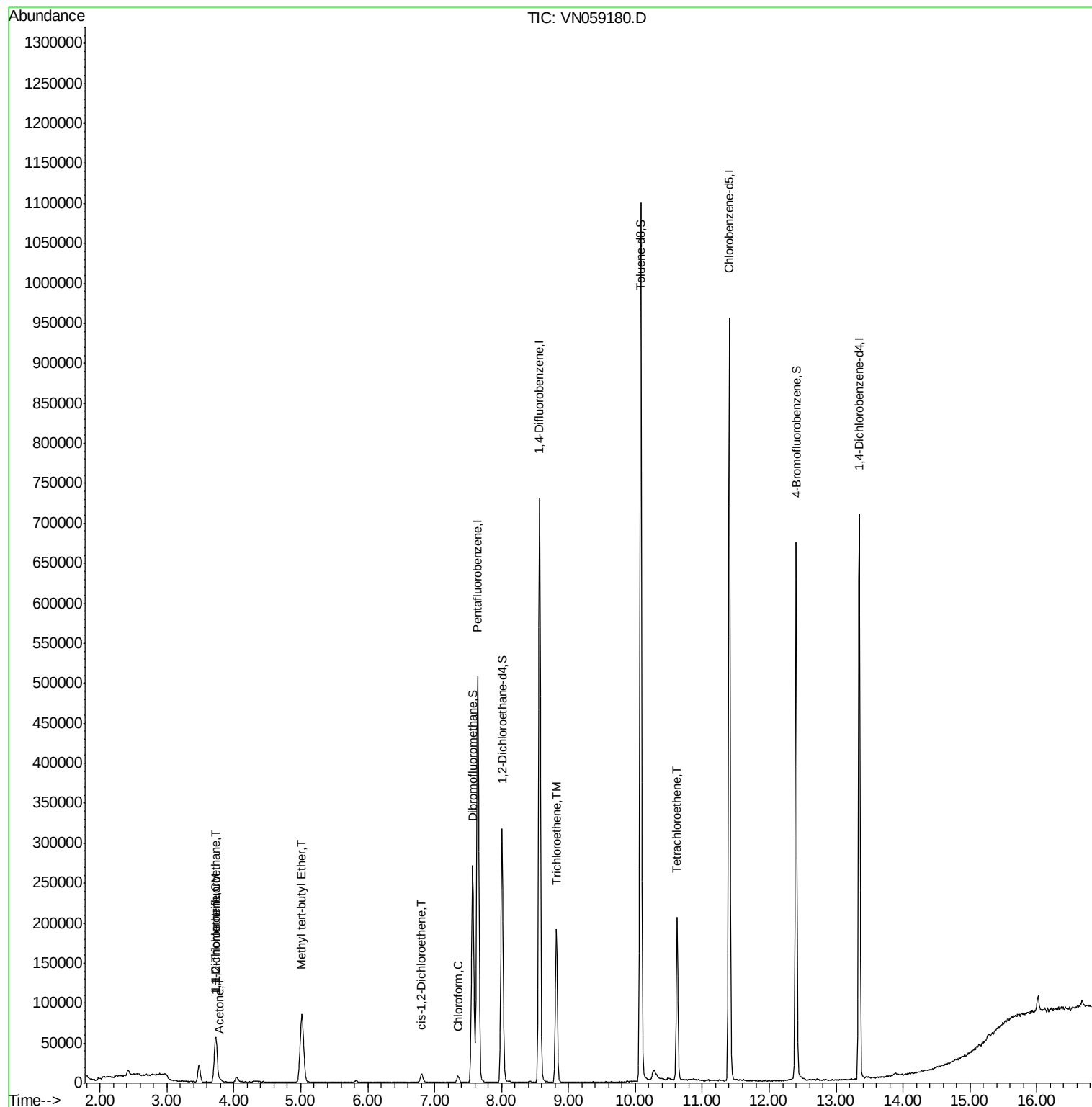
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.73	101	27710	6.984	ug/l	99
12) 1,1-Dichloroethene	3.71	96	11274	2.917	ug/l	94
16) Acetone	3.79	43	5985	2.260	ug/l	90
19) Methyl tert-butyl Ether	5.01	73	143500	10.784	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	7066	1.468	ug/l	85
30) Chloroform	7.35	83	8438	1.050	ug/l	96
44) Trichloroethene	8.82	130	71778	16.065	ug/l	97
64) Tetrachloroethene	10.62	164	48613	12.694	ug/l	98

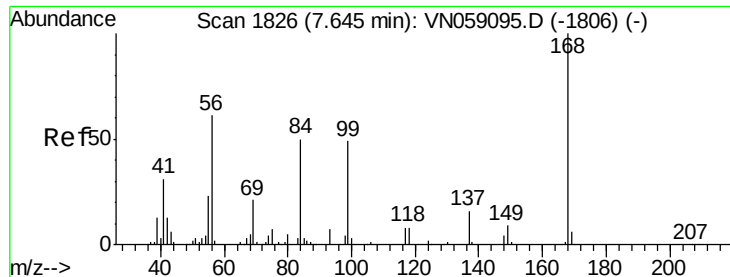
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

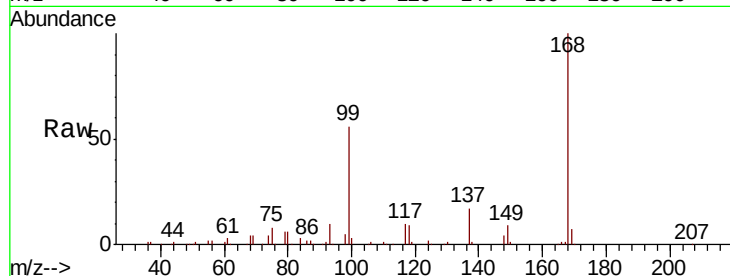
MW-306-SRI4

Tot Ion:168 Resp: 414324

Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

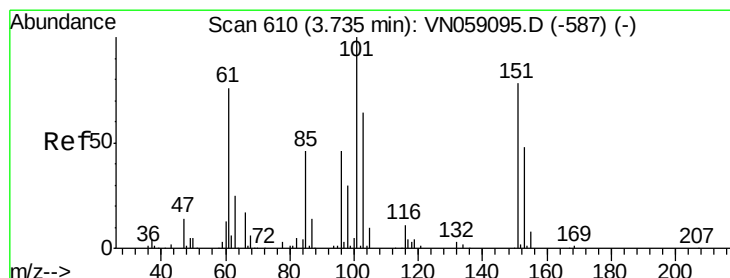
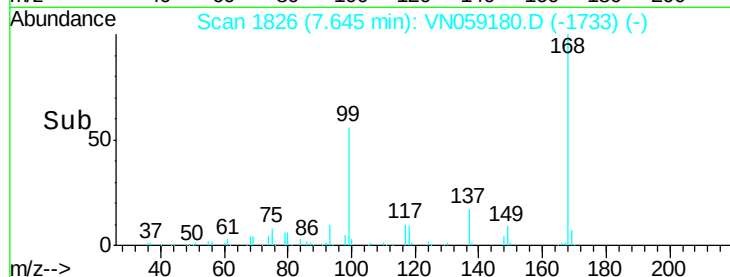
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.984 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

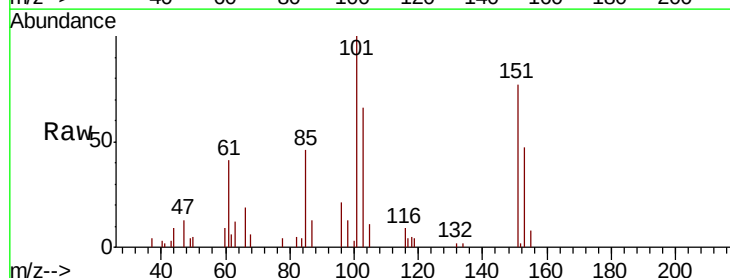
Tgt Ion:101 Resp: 27710

Ion Ratio Lower Upper

101 100

85 45.6 35.5 53.3

151 77.4 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.73

12000

10000

8000

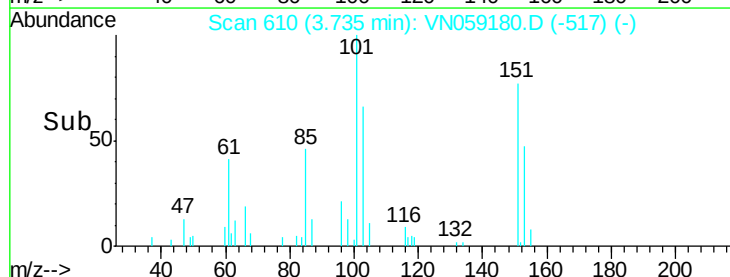
6000

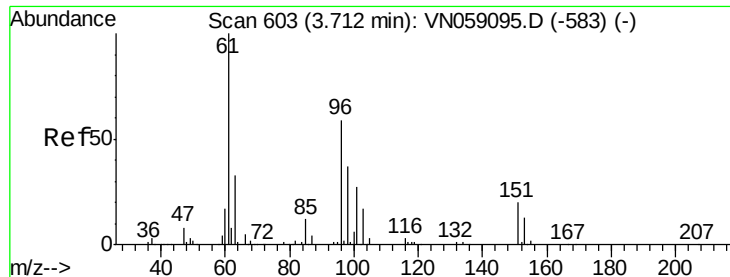
4000

2000

0

Time--> 3.65 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 2.917 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

Instrument :

MSVOA_N

ClientSampled :

MW-306-SRI4

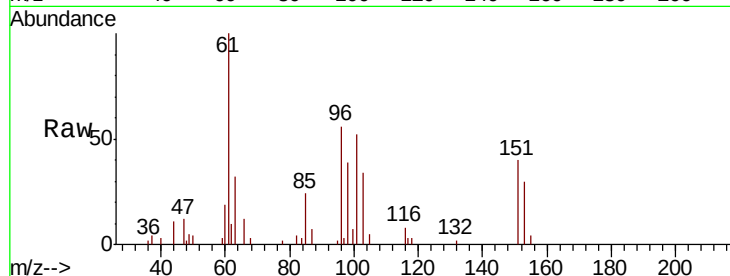
Tot Ion: 96 Resp: 11274

Ion Ratio Lower Upper

96 100

61 177.9 136.5 204.7

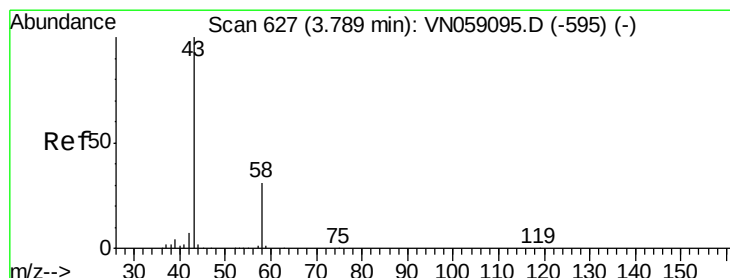
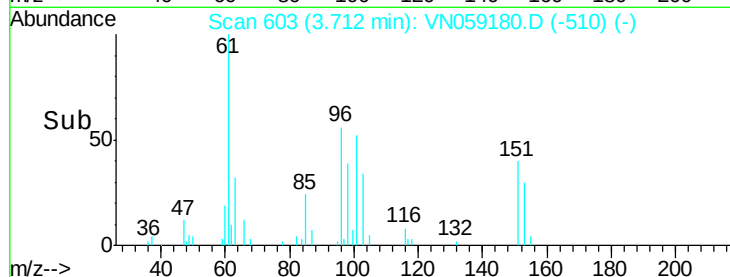
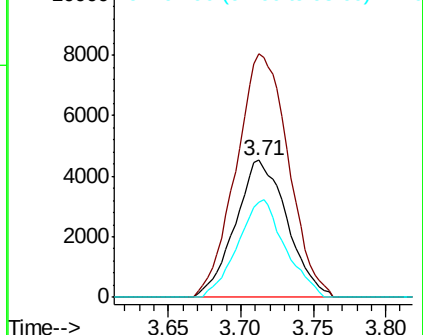
98 69.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 2.260 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059180.D

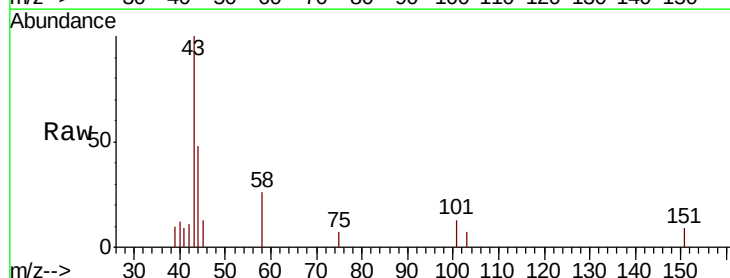
Acq: 12 Nov 2019 11:26

Tgt Ion: 43 Resp: 5985

Ion Ratio Lower Upper

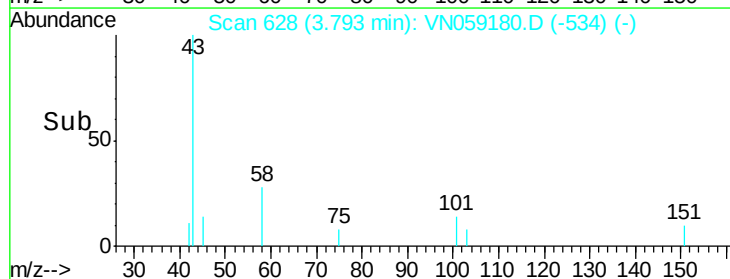
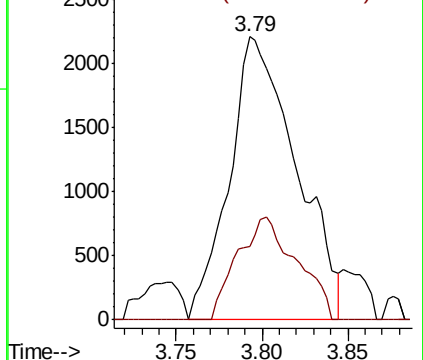
43 100

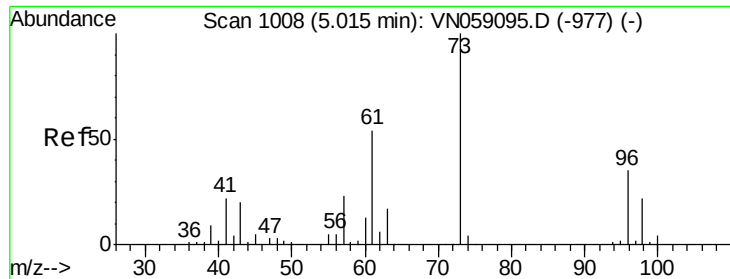
58 25.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

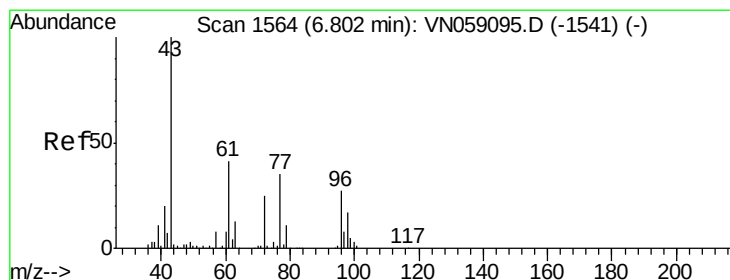
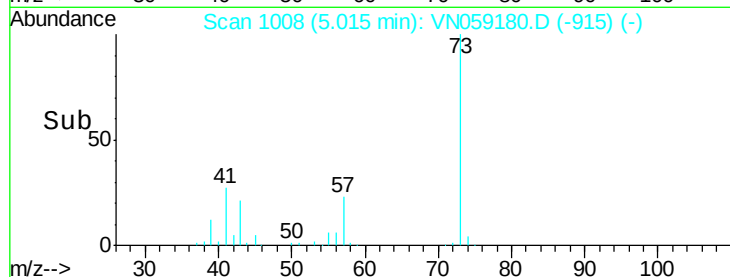
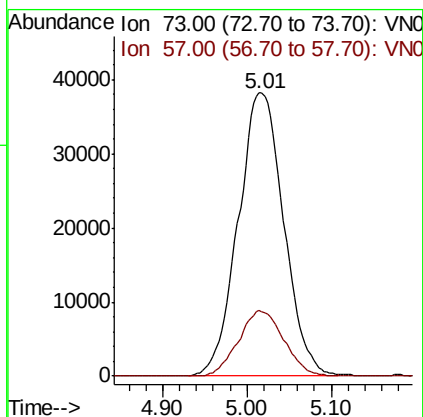
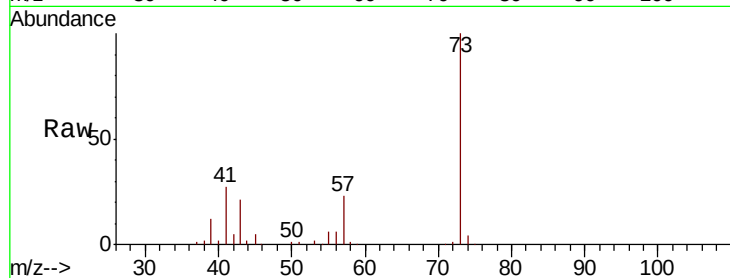




#19
Methyl tert-butyl Ether
Concen: 10.784 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

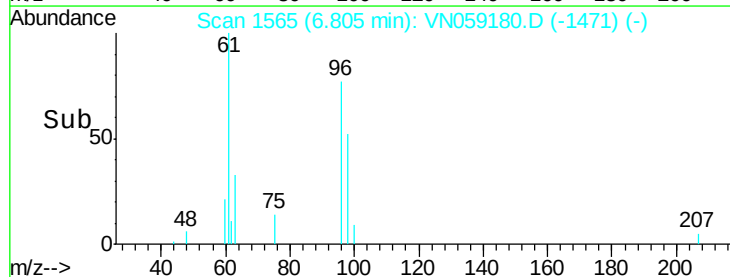
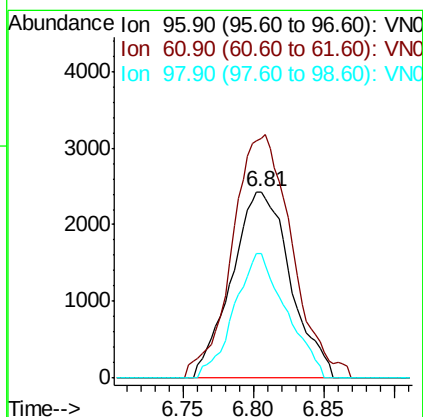
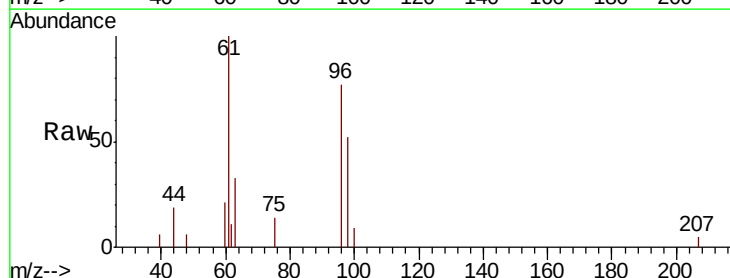
Instrument :
MSVOA_N
ClientSampled :
MW-306-SRI4

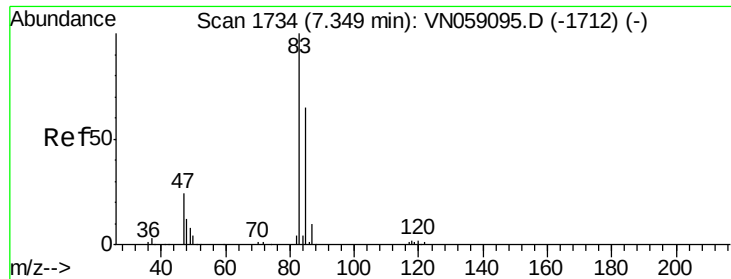
Tot Ion: 73 Resp: 143500
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#27
cis-1,2-Dichloroethene
Concen: 1.468 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

Tgt Ion: 96 Resp: 7066
Ion Ratio Lower Upper
96 100
61 132.6 0.0 311.6
98 58.8 0.0 129.8

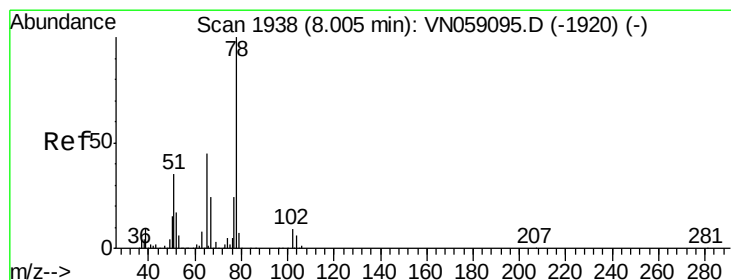
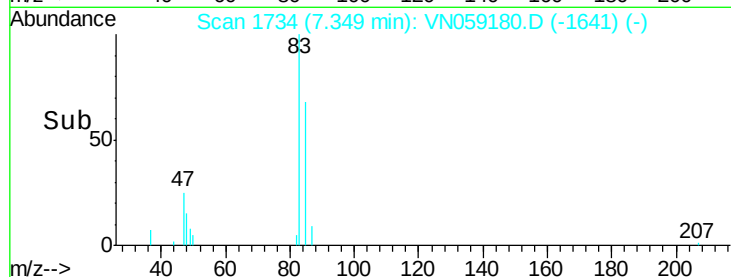
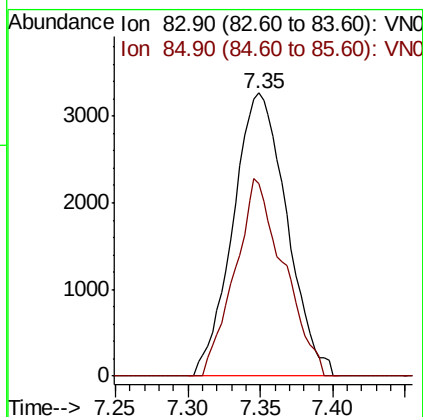
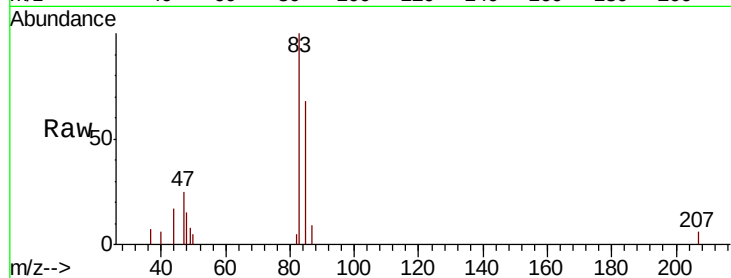




#30
Chloroform
Concen: 1.050 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

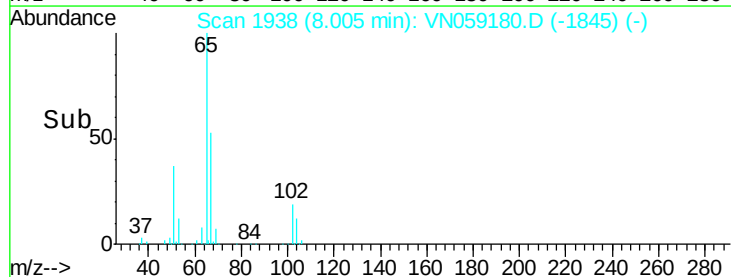
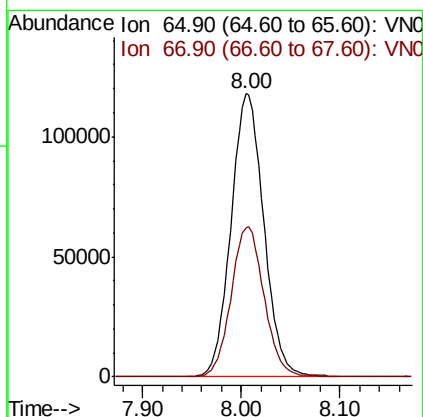
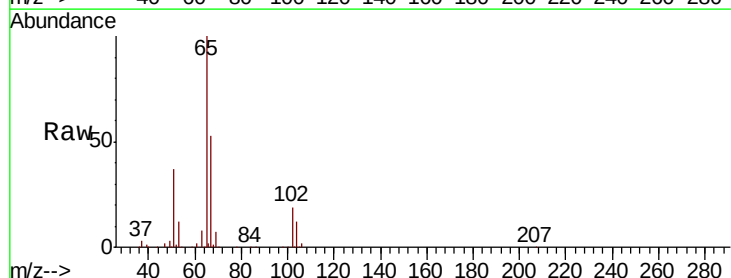
Instrument :
MSVOA_N
ClientSampleId :
MW-306-SRI4

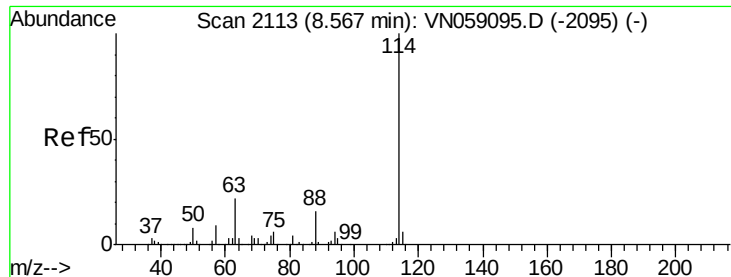
Tot Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 53.607 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

Tgt Ion: 65 Resp: 273025
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

MW-306-SRI4

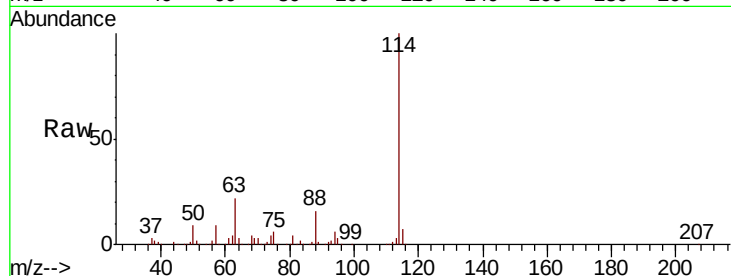
Tot Ion:114 Resp: 645757

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

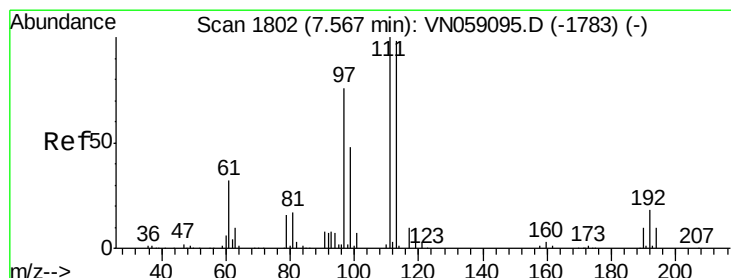
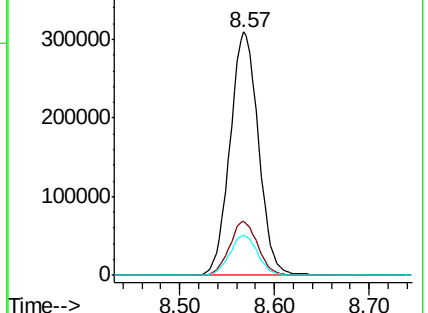
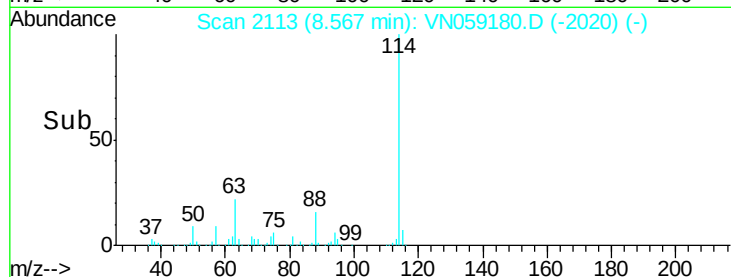
88 16.3 0.0 32.2



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: 53.315 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

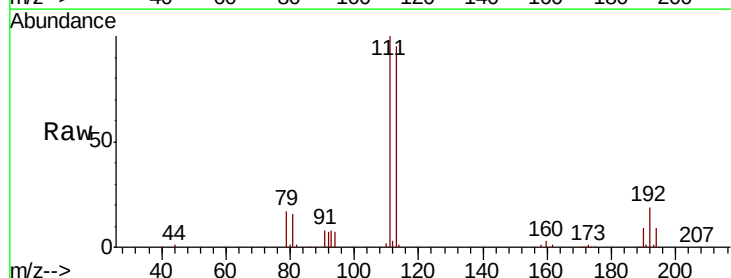
Tgt Ion:113 Resp: 205572

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

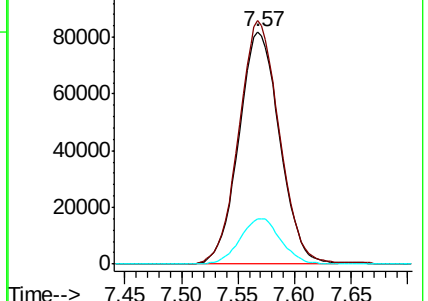
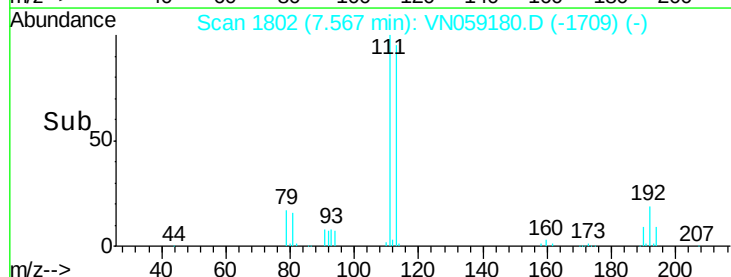
192 19.6 16.1 24.1

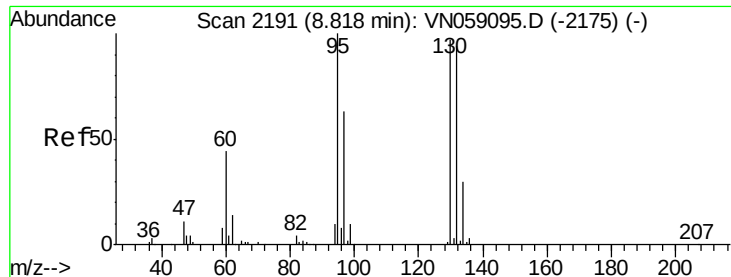


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.065 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059180.D

Acq: 12 Nov 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

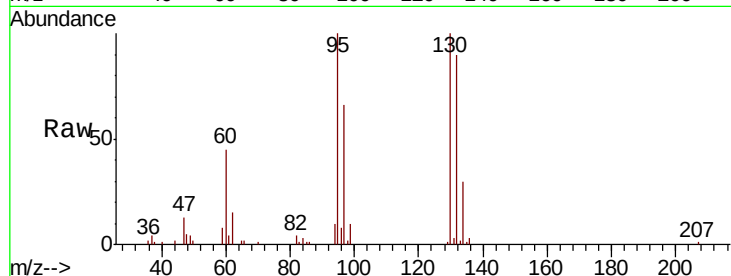
MW-306-SRI4

Tot Ion:130 Resp: 71778

Ion Ratio Lower Upper

130 100

95 100.0 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059180.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059180.D (-2098) (-)

8.82

40000

30000

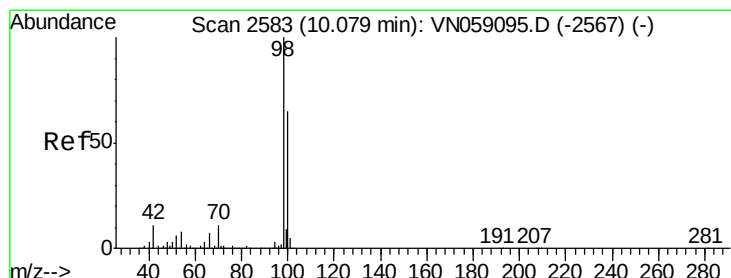
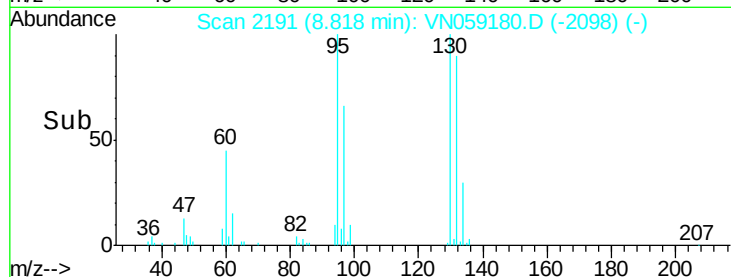
20000

10000

0

8.75 8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 51.558 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059180.D

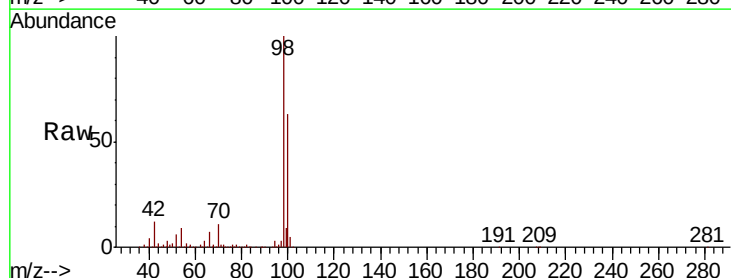
Acq: 12 Nov 2019 11:26

Tgt Ion: 98 Resp: 783045

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059180.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059180.D (-2490) (-)

10.08

500000

400000

300000

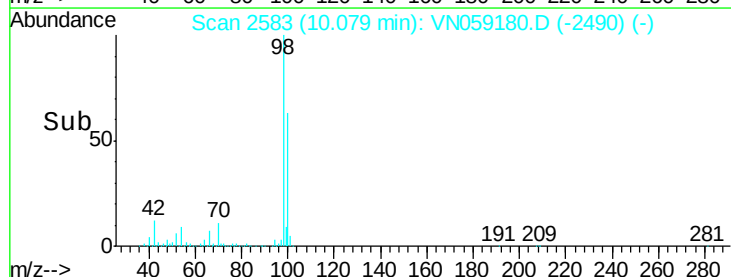
200000

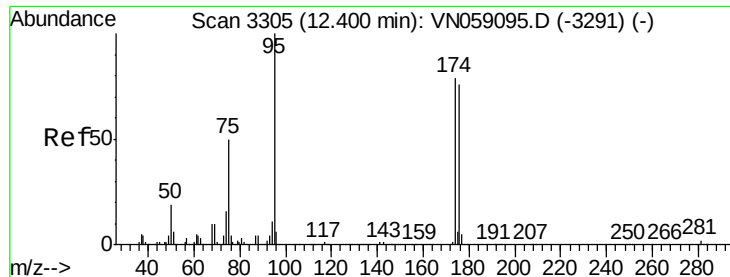
100000

0

10.00 10.10 10.20

Time-->

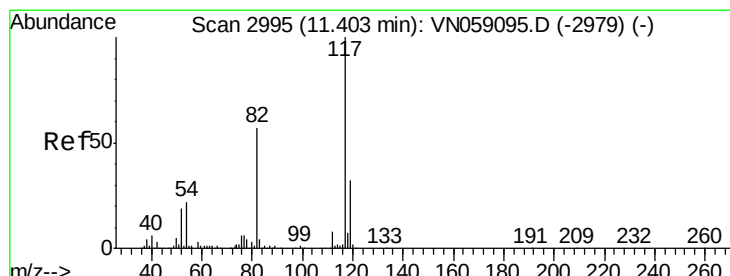
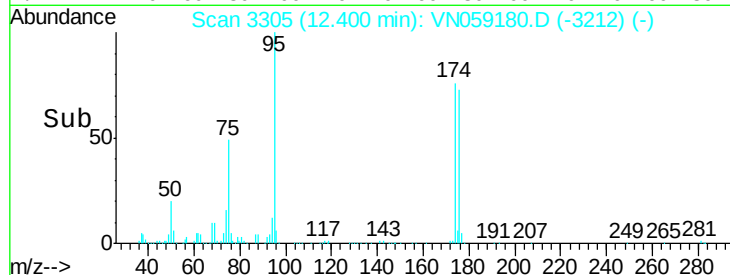
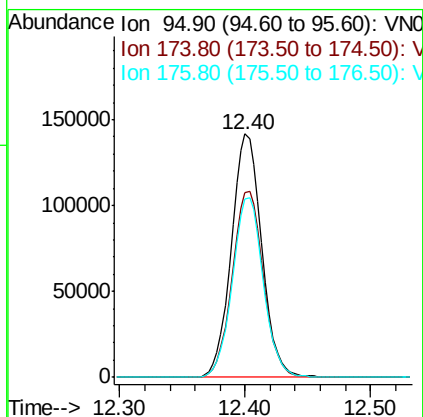
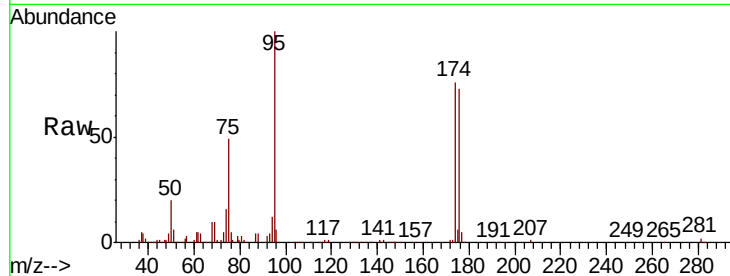




#62
4-Bromofluorobenzene
Concen: 43.392 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

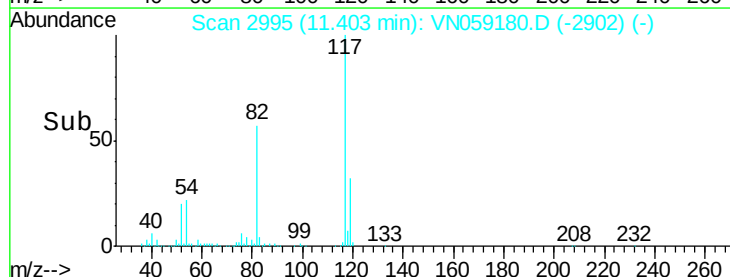
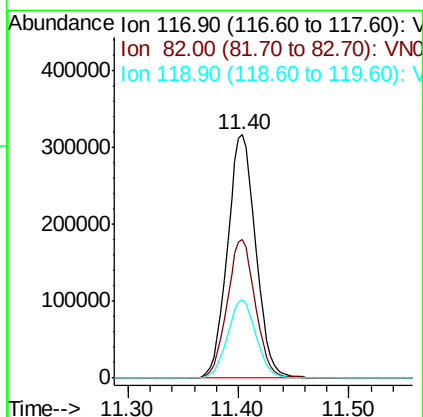
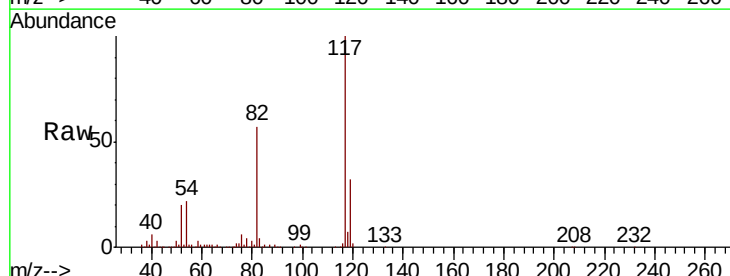
Instrument :
MSVOA_N
ClientSampleId :
MW-306-SRI4

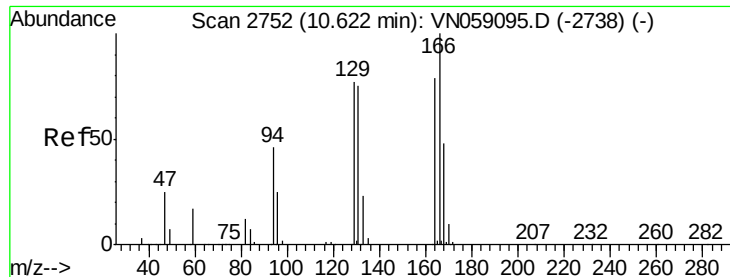
Tot Ion: 95 Resp: 237620
Ion Ratio Lower Upper
95 100
174 78.6 0.0 158.2
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

Tgt Ion: 117 Resp: 563183
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 32.0 25.8 38.6

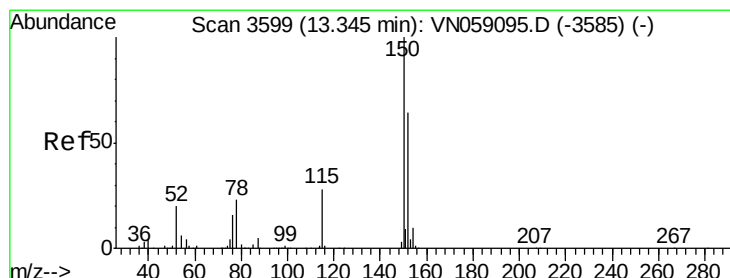
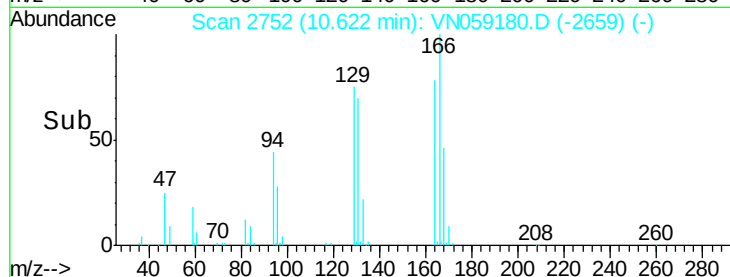
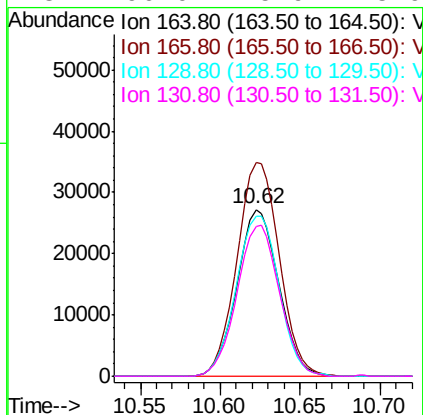
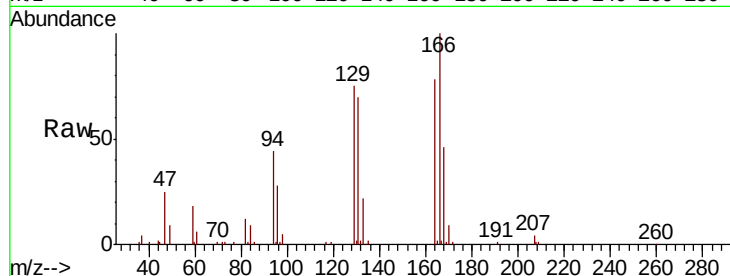




#64
Tetrachloroethene
Concen: 12.694 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

Instrument :
MSVOA_N
ClientSampled :
MW-306-SRI4

Tot Ion:164 Resp: 48613
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 96.0 78.3 117.5
131 90.0 75.9 113.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059180.D
Acq: 12 Nov 2019 11:26

Tgt Ion:152 Resp: 195048
Ion Ratio Lower Upper
152 100
115 59.5 29.4 88.2
150 156.2 0.0 345.8

