

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056264.D
 Acq On : 12 Jun 2019 21:24
 Operator : JC/SP
 Sample : K3315-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20190610

Quant Time: Jun 13 05:58:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	324953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	479290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152475	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	159233	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
35) Dibromofluoromethane	7.59	113	151658	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	10.09	98	594259	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	188323	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

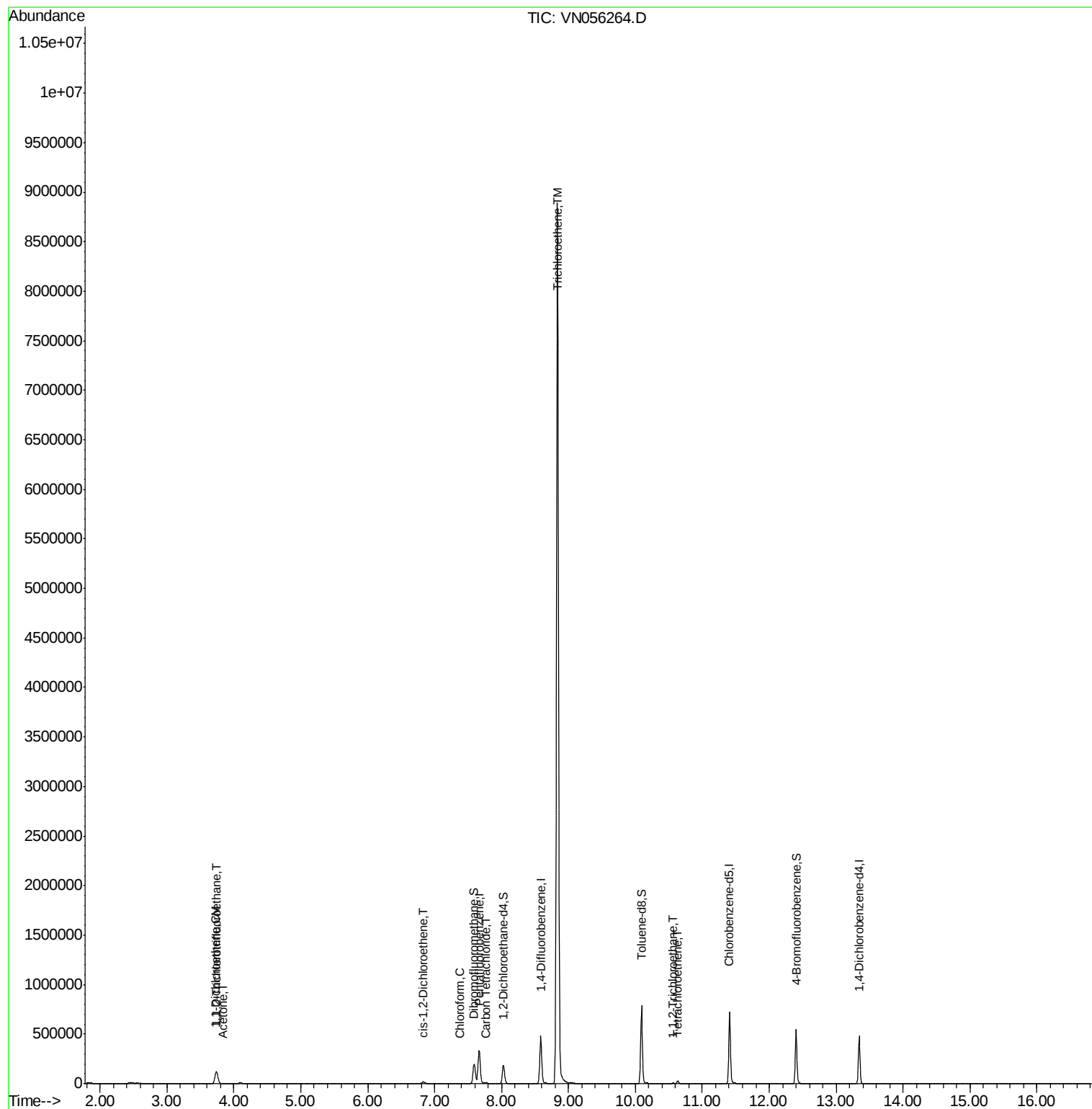
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68279	24.918	ug/l	95
12) 1,1-Dichloroethene	3.72	96	14560	5.337	ug/l	91
16) Acetone	3.83	43	3485	2.258	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	11398	3.317	ug/l	87
30) Chloroform	7.37	83	4367	0.845	ug/l	95
38) Carbon Tetrachloride	7.77	117	5393	1.419	ug/l	98
44) Trichloroethene	8.83	130	3700901	1028.953	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	2051	0.665	ug/l	93
64) Tetrachloroethene	10.63	164	7514	1.840	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

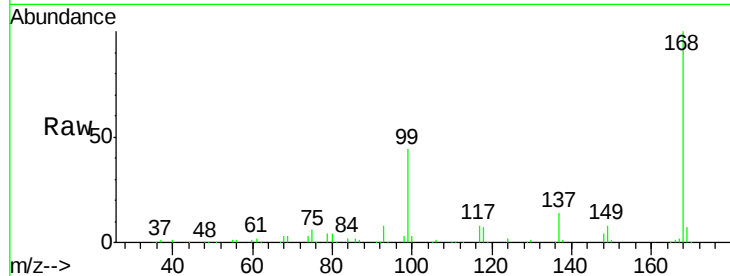
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20190610

Tot Ion:168 Resp: 324953

Ion Ratio Lower Upper

168 100

99 43.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

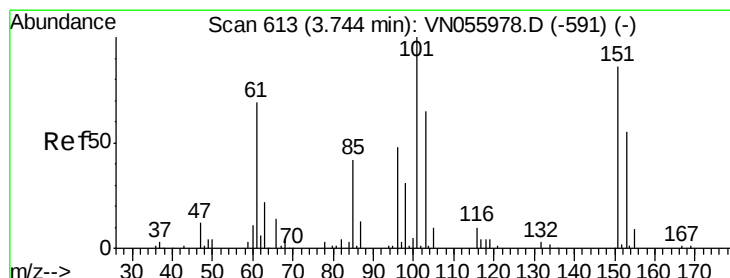
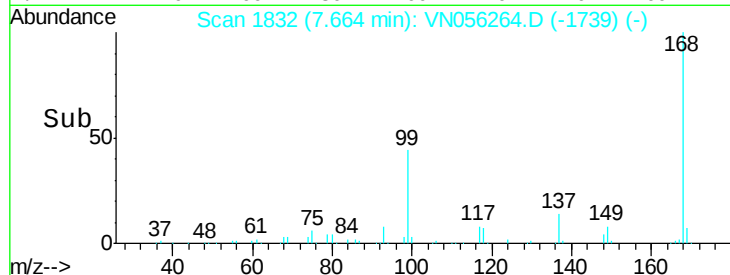
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.918 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

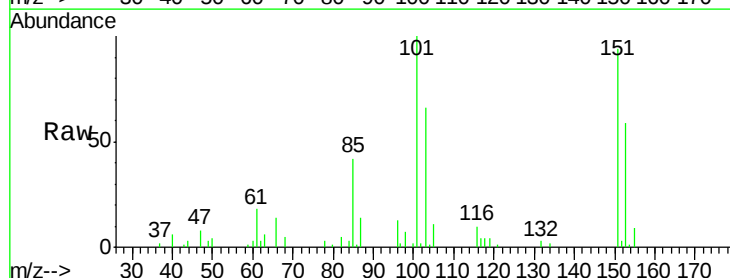
Tgt Ion:101 Resp: 68279

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.2

151 92.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.74

30000

25000

20000

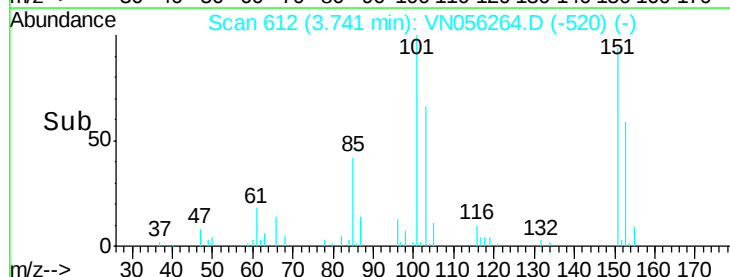
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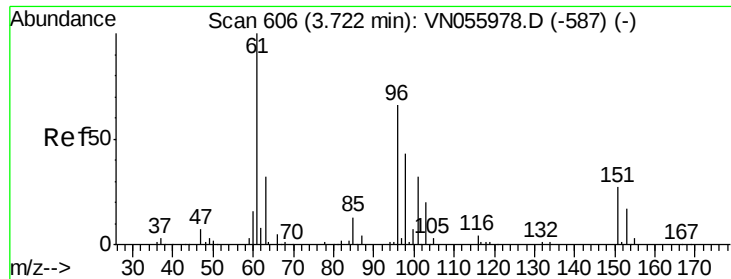
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5000

0

Time-->

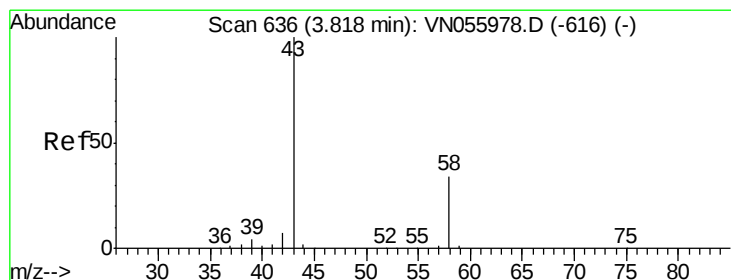
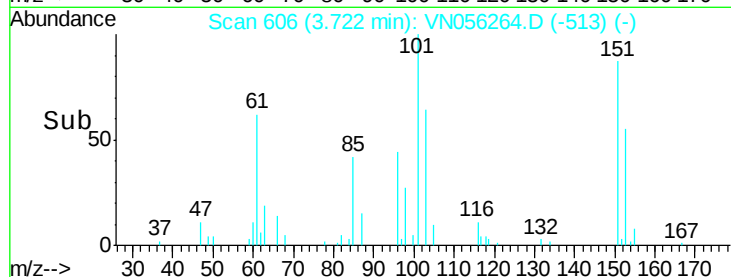
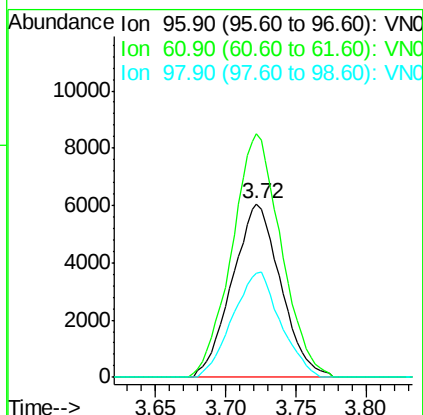
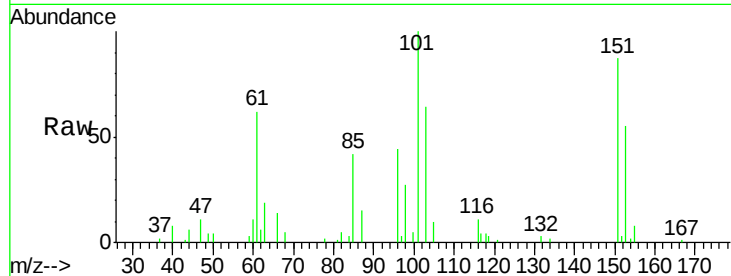




#12
 1,1-Dichloroethene
 Concen: 5.337 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056264.D
 Acq: 12 Jun 2019 21:24

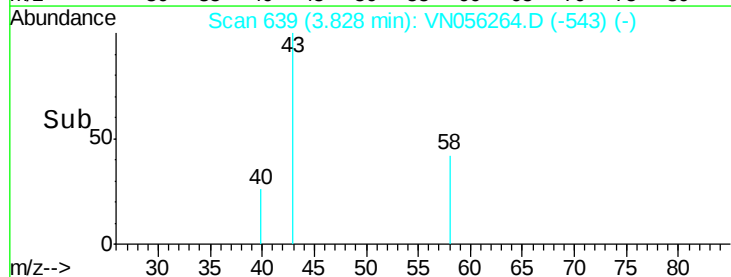
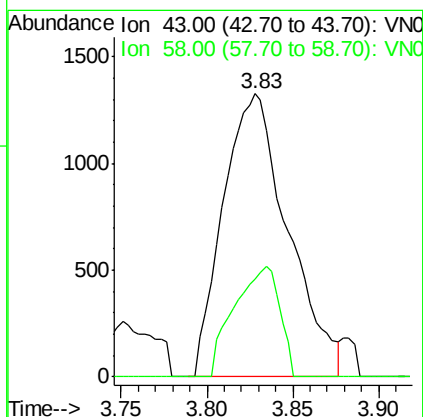
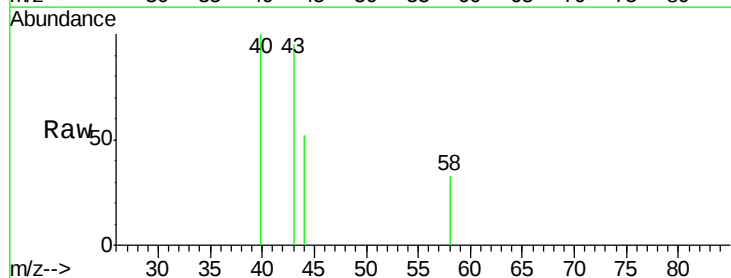
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20190610

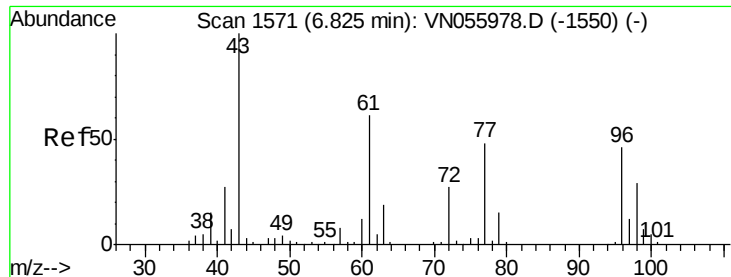
Tot Ion: 96 Resp: 14560
 Ion Ratio Lower Upper
 96 100
 61 140.1 123.2 184.8
 98 60.2 50.4 75.6



#16
 Acetone
 Concen: 2.258 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN056264.D
 Acq: 12 Jun 2019 21:24

Tgt Ion: 43 Resp: 3485
 Ion Ratio Lower Upper
 43 100
 58 34.4 26.6 39.8





#27

cis-1,2-Dichloroethene

Concen: 3.317 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190610

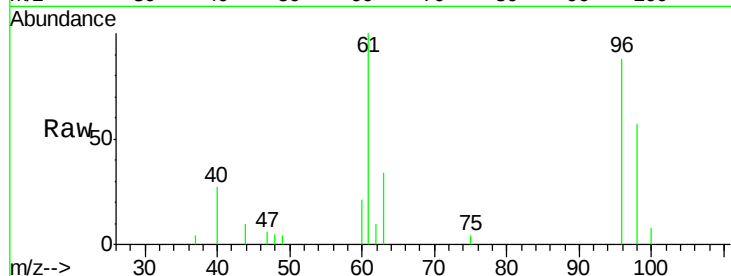
Tot Ion: 96 Resp: 11398

Ion Ratio Lower Upper

96 100

61 116.5 0.0 275.8

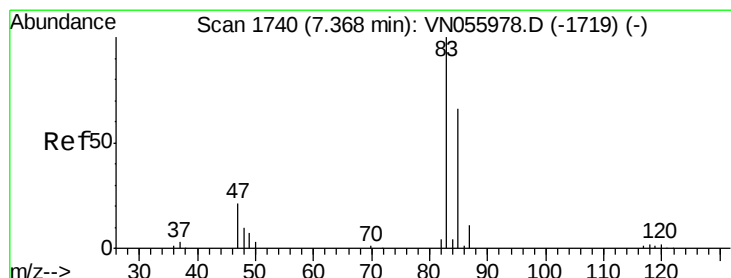
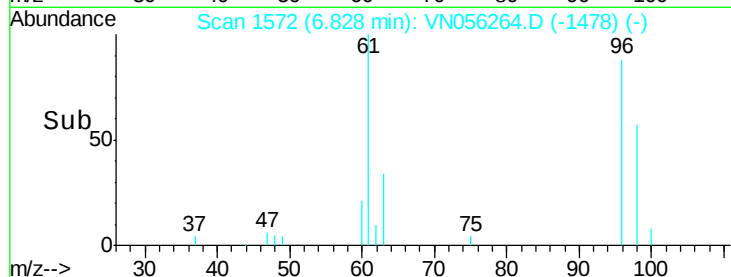
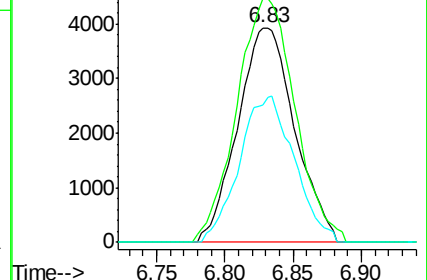
98 65.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)



#30

Chloroform

Concen: 0.845 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VN056264.D

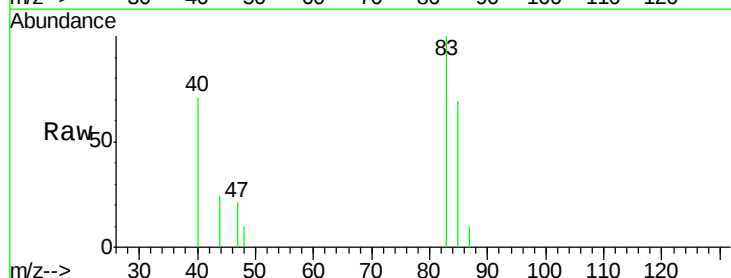
Acq: 12 Jun 2019 21:24

Tgt Ion: 83 Resp: 4367

Ion Ratio Lower Upper

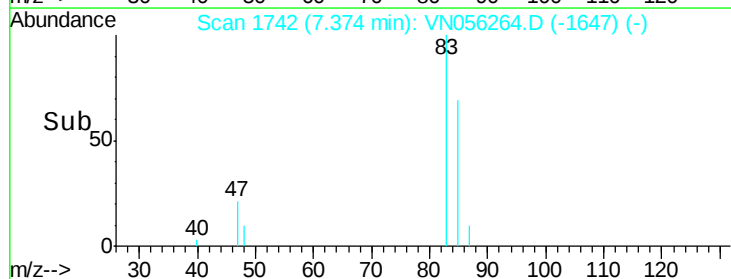
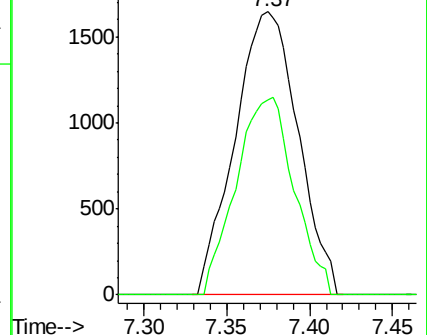
83 100

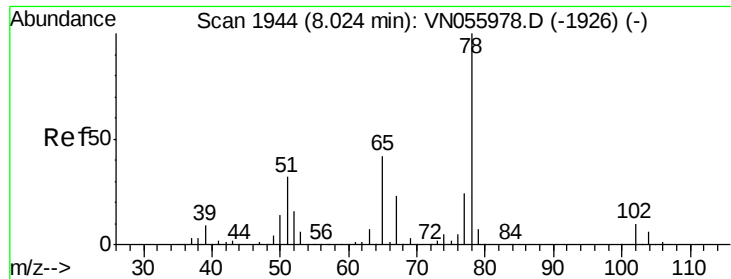
85 69.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-1719) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.352 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

Instrument :

MSVOA_N

ClientSampleId :

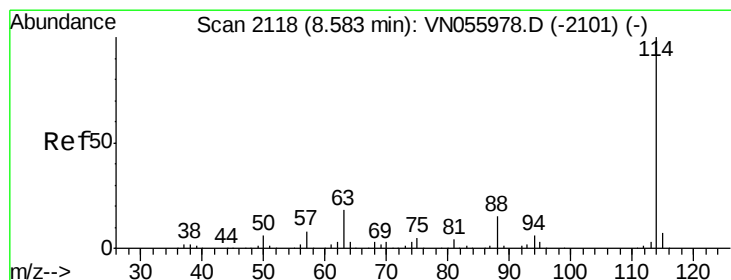
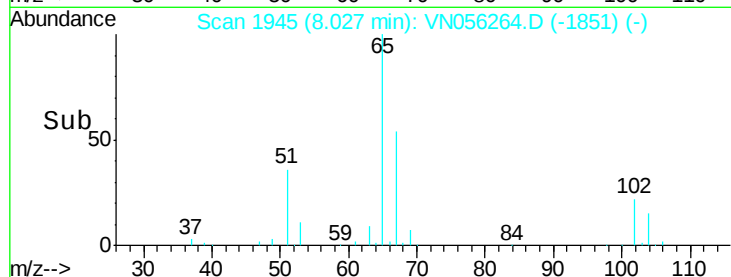
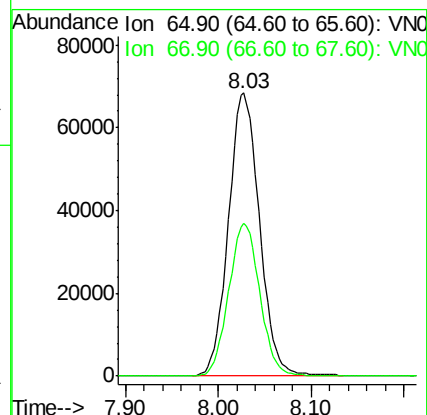
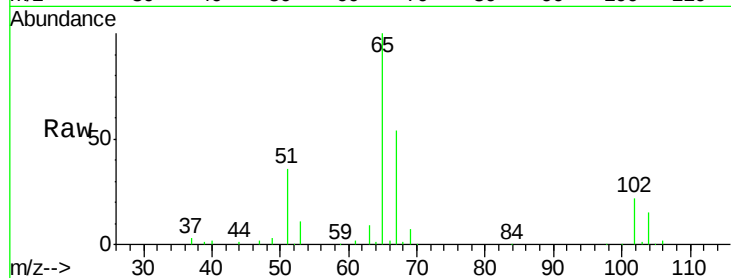
TT101D2-20190610

Tot Ion: 65 Resp: 159233

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

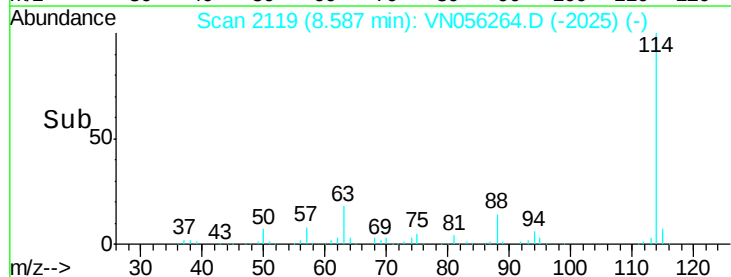
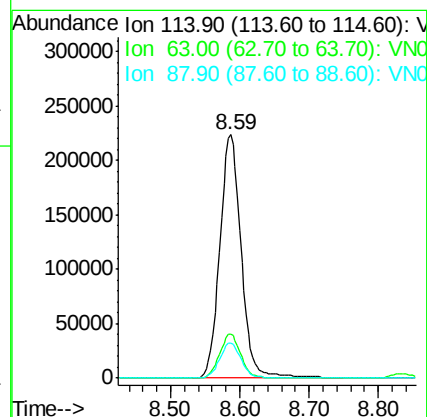
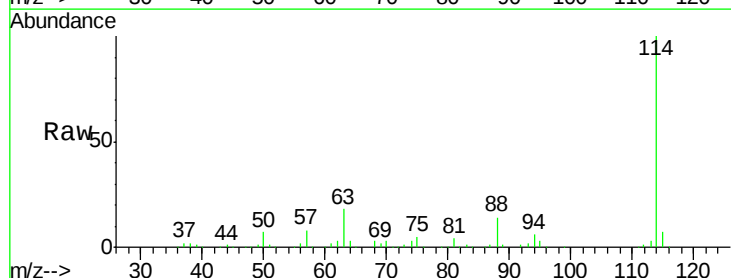
Tgt Ion: 114 Resp: 479290

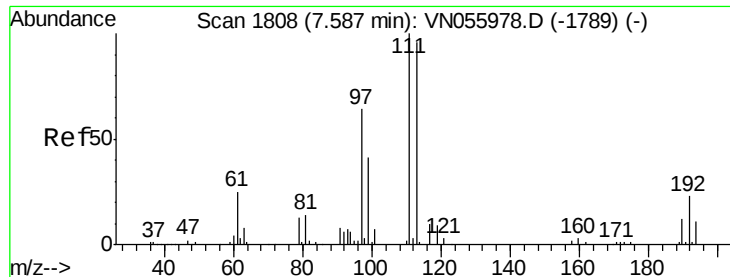
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.4 0.0 31.0

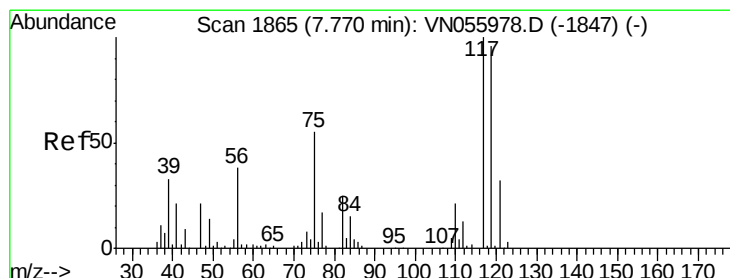
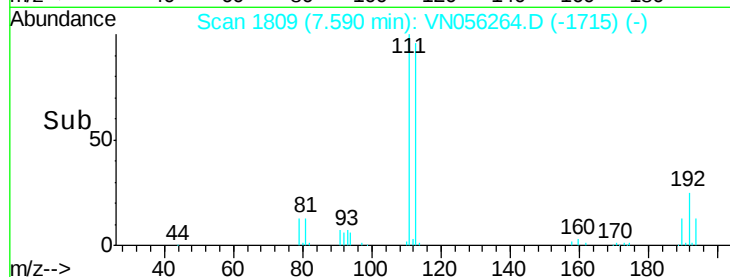
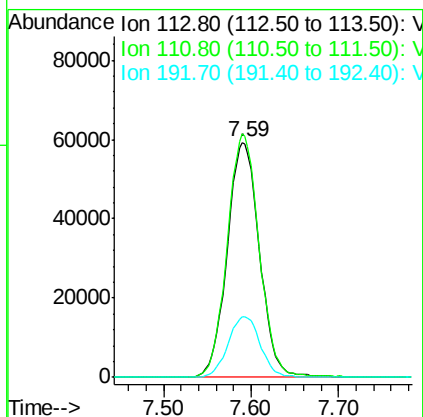
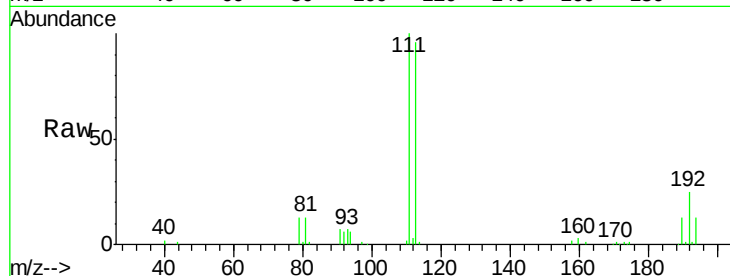




#35
Dibromofluoromethane
Concen: 51.574 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056264.D
Acq: 12 Jun 2019 21:24

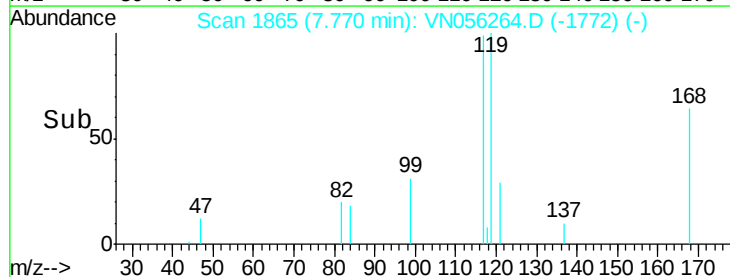
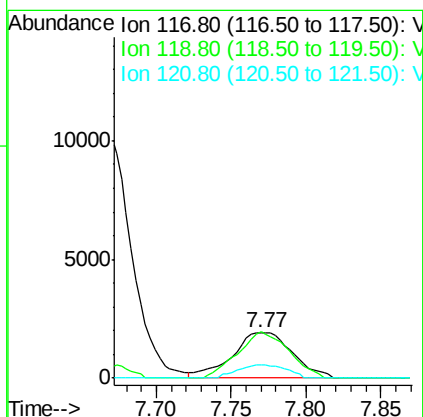
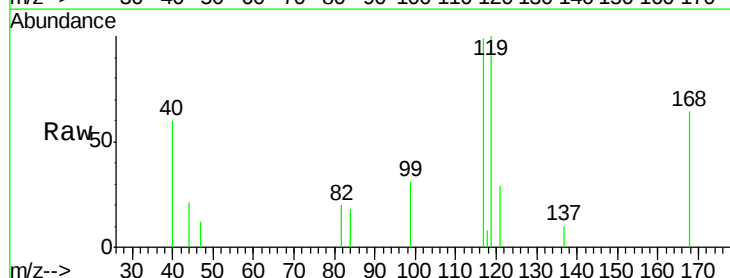
Instrument :
MSVOA_N
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TT101D2-20190610

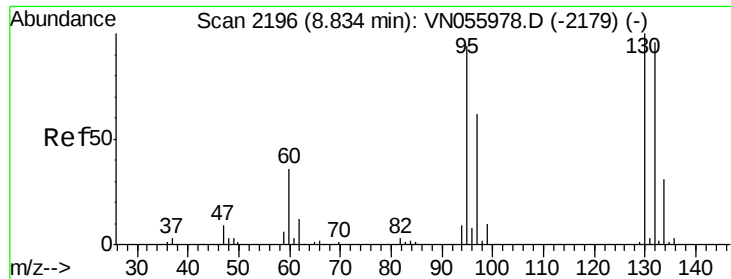
Tot Ion:113 Resp: 151658
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 25.6 19.5 29.3



#38
Carbon Tetrachloride
Concen: 1.419 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056264.D
Acq: 12 Jun 2019 21:24

Tgt Ion:117 Resp: 5393
Ion Ratio Lower Upper
117 100
119 100.6 79.0 118.6
121 29.1 24.7 37.1





#44

Trichloroethene

Concen: 1028.953 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056264.D

Acq: 12 Jun 2019 21:24

Instrument :

MSVOA_N

ClientSampleId :

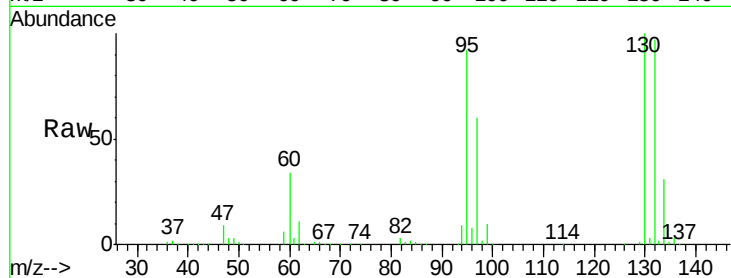
TT101D2-20190610

Tot Ion:130 Resp: 3700901

Ion Ratio Lower Upper

130 100

95 91.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

2000000

1500000

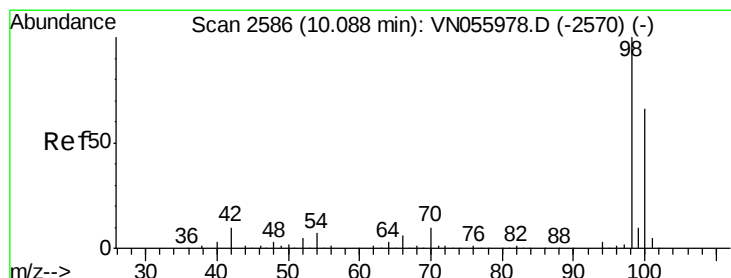
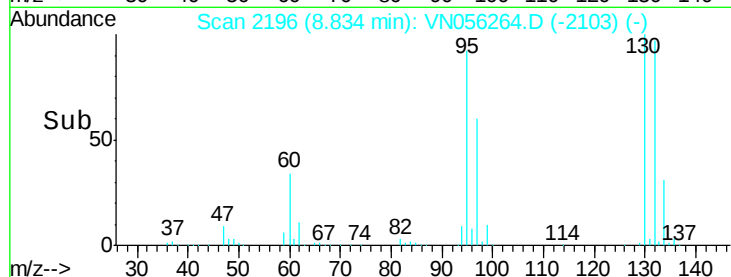
1000000

500000

0

8.70 8.80 8.90 9.00

Time-->



#50

Toluene-d8

Concen: 52.517 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056264.D

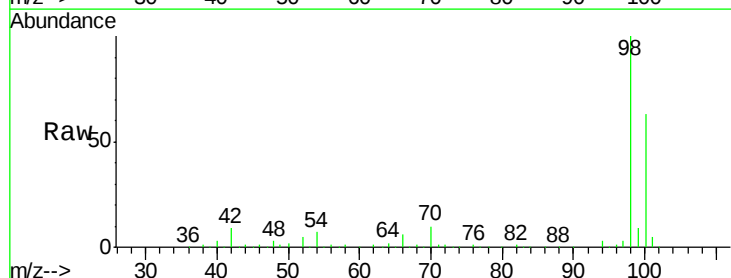
Acq: 12 Jun 2019 21:24

Tgt Ion: 98 Resp: 594259

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

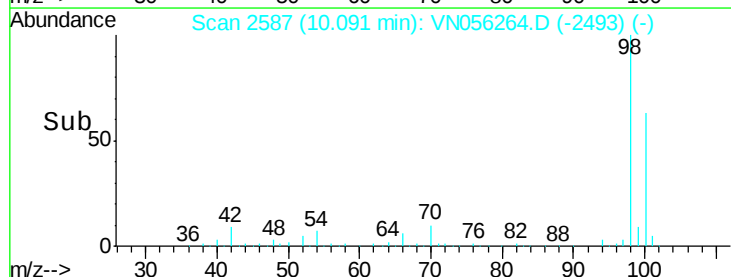
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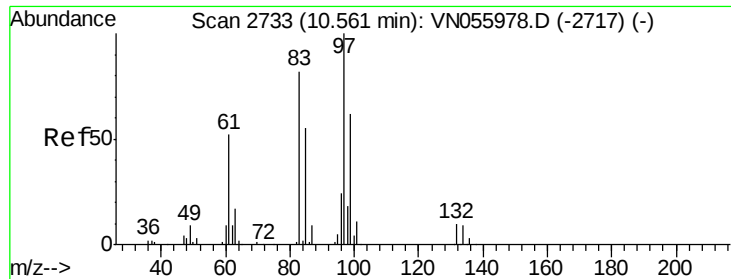
100000

0

10.00 10.10 10.20

Time-->

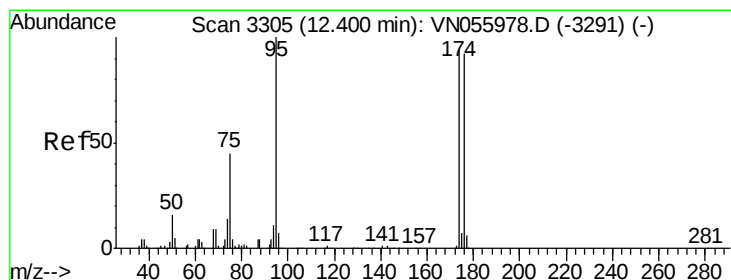
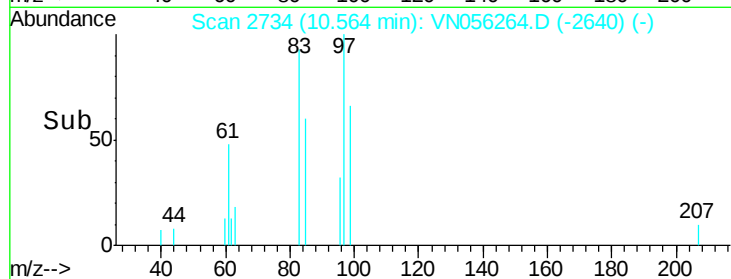
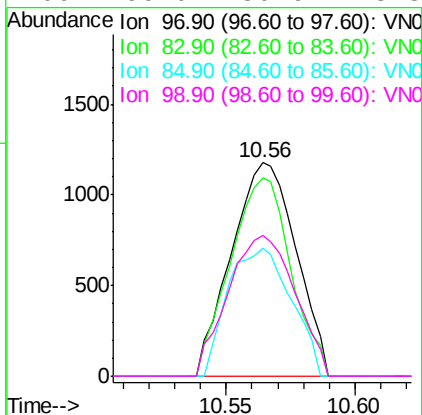
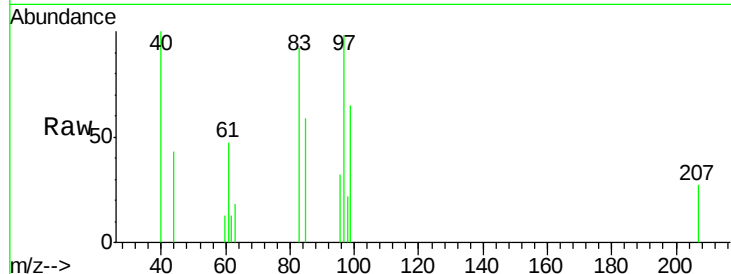




#55
 1,1,2-Trichloroethane
 Concen: 0.665 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056264.D
 Acq: 12 Jun 2019 21:24

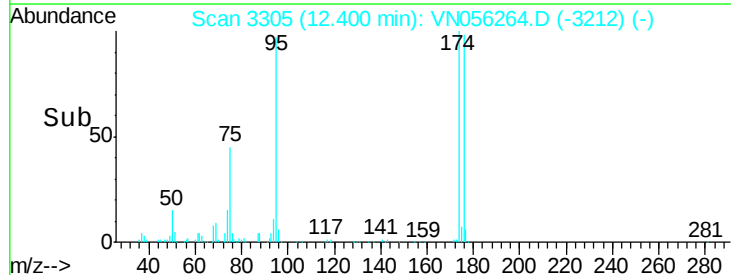
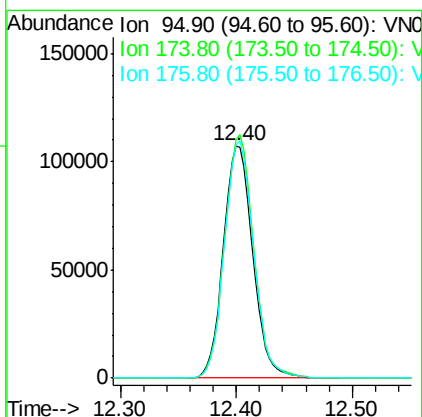
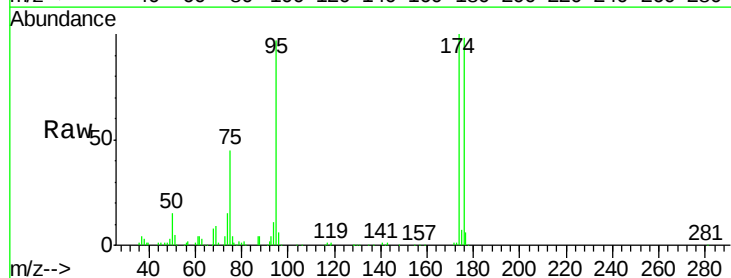
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20190610

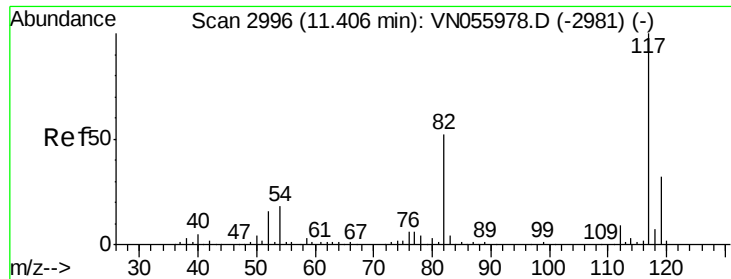
Tot Ion:	97	Resp:	2051
Ion	Ratio	Lower	Upper
97	100		
83	93.2	67.0	100.6
85	60.0	44.0	66.0
99	66.0	50.6	75.8



#62
 4-Bromofluorobenzene
 Concen: 48.939 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056264.D
 Acq: 12 Jun 2019 21:24

Tgt Ion:	95	Resp:	188323
Ion	Ratio	Lower	Upper
95	100		
174	103.4	0.0	191.0
176	101.2	0.0	185.2

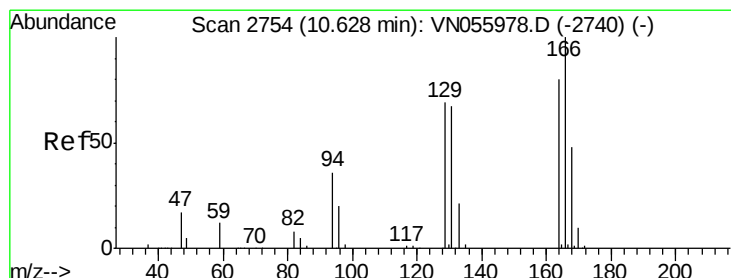
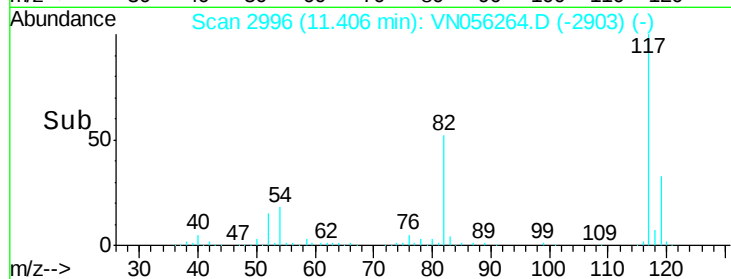
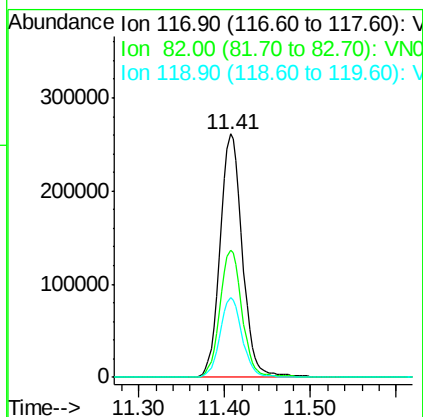
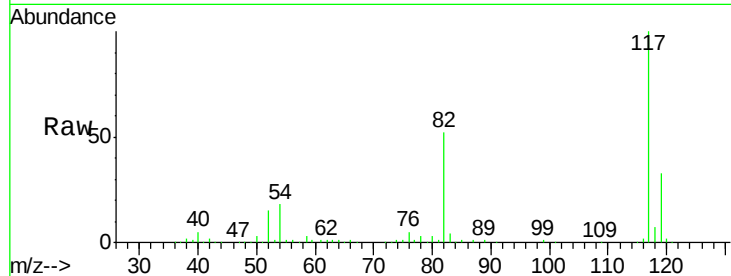




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056264.D
Acq: 12 Jun 2019 21:24

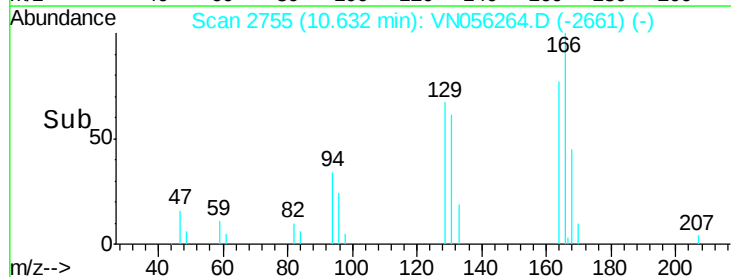
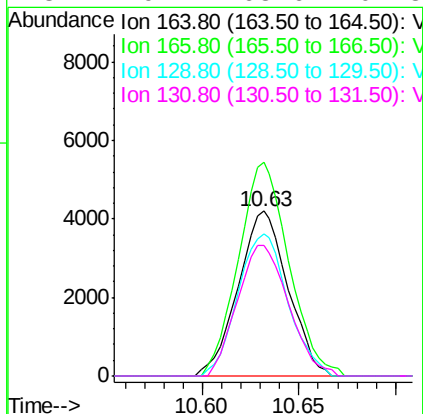
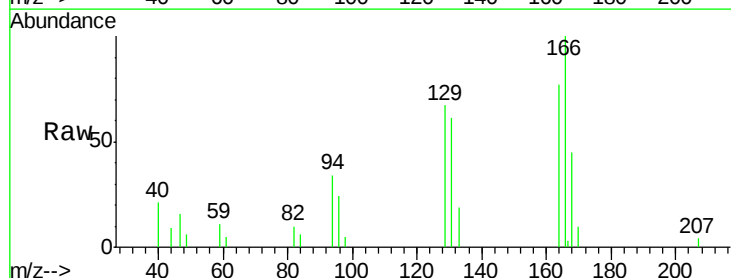
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20190610

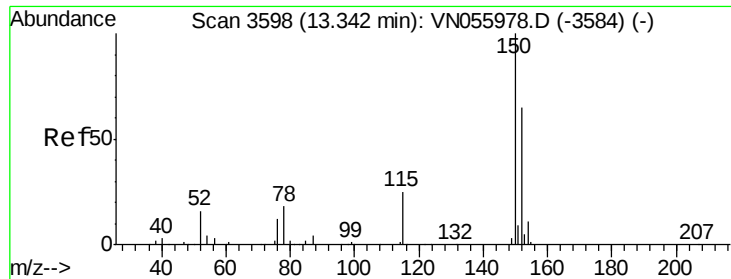
Tot Ion:117 Resp: 471755
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 1.840 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056264.D
Acq: 12 Jun 2019 21:24

Tgt Ion:164 Resp: 7514
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 86.5 70.6 105.8
131 79.2 68.6 102.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056264.D

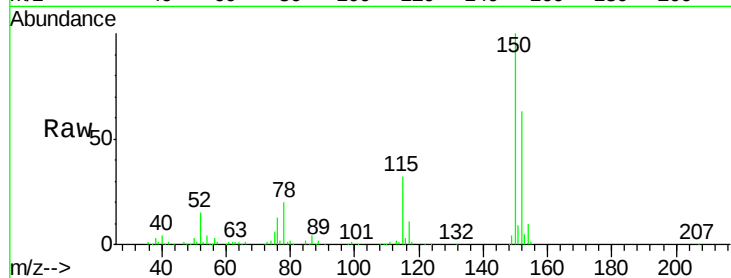
Acq: 12 Jun 2019 21:24

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190610



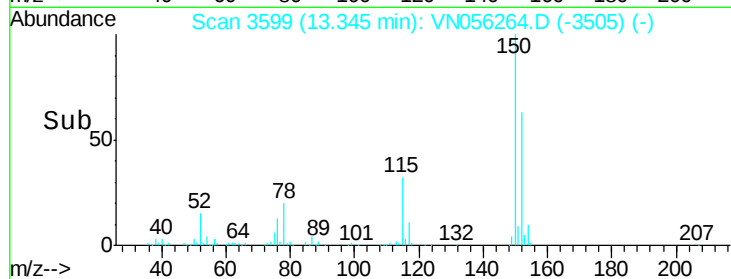
Tot Ion:152 Resp: 152475

Ion Ratio Lower Upper

152 100

115 51.5 27.0 81.0

150 158.0 0.0 343.2



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

