

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055628.D
 Acq On : 17 May 2019 22:16
 Operator : JC/SP
 Sample : K2823-06ME
 Misc : 5.95µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12-B2ME

Quant Time: May 18 04:16:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

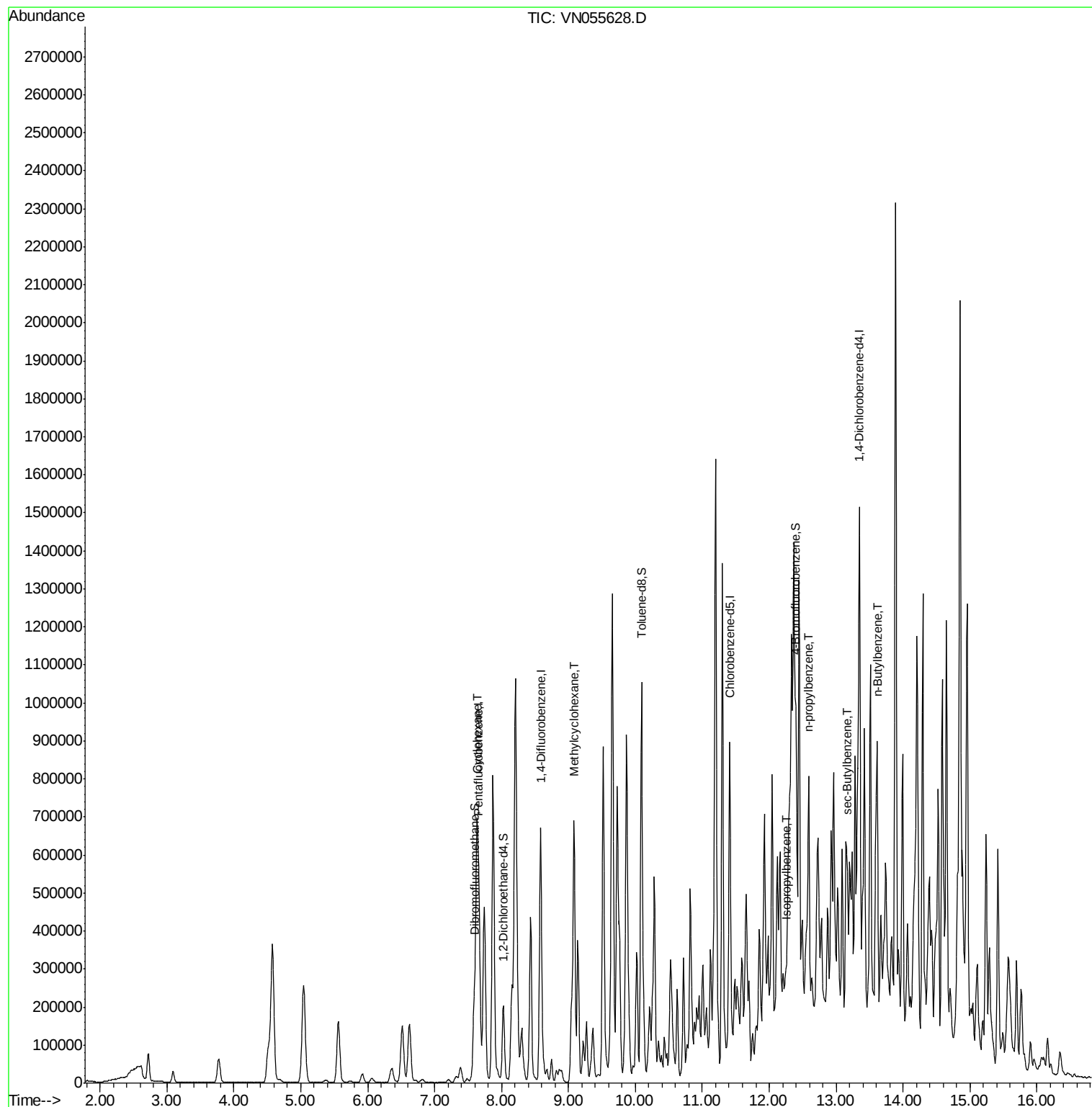
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	356623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	508707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	168192	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
35) Dibromofluoromethane	7.59	113	151853	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	602627	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	213117	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.63	56	153924	26.548	ug/l #	52
39) Methylcyclohexane	9.08	83	224340	41.032	ug/l	90
73) Isopropylbenzene	12.25	105	61443	1.653	ug/l	100
78) n-propylbenzene	12.59	91	429408	21.993	ug/l	100
85) sec-Butylbenzene	13.17	105	159118	9.075	ug/l #	49
89) n-Butylbenzene	13.62	91	427560	35.439	ug/l #	85

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 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: VN055628.D

Acq: 17 May 2019 22:16

Instrument :

MSVOA_N

ClientSampleId :

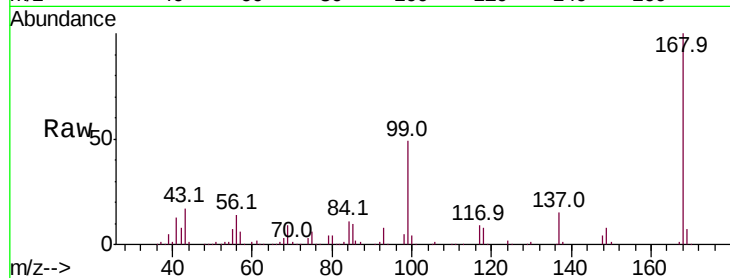
12-B2ME

Tot Ion:168 Resp: 356623

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

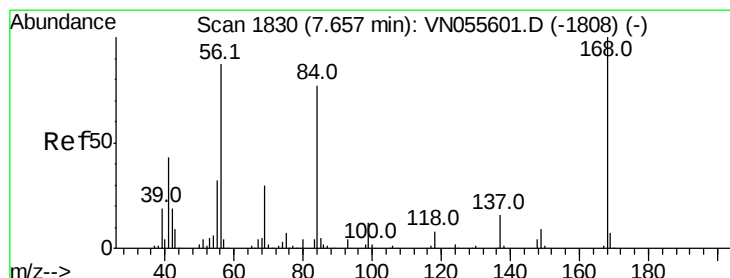
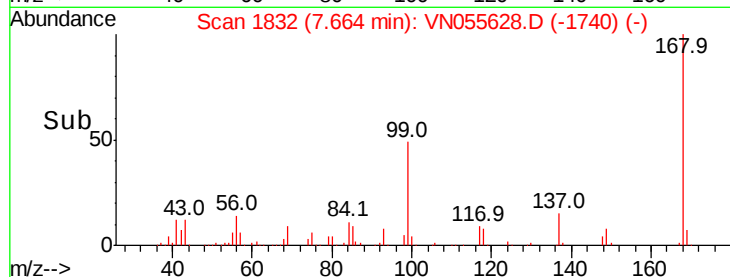
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#31

Cyclohexane

Concen: 26.548 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

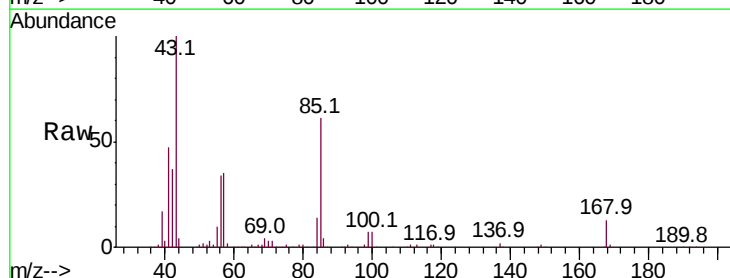
Tgt Ion: 56 Resp: 153924

Ion Ratio Lower Upper

56 100

69 9.2 27.2 40.8#

84 41.8 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

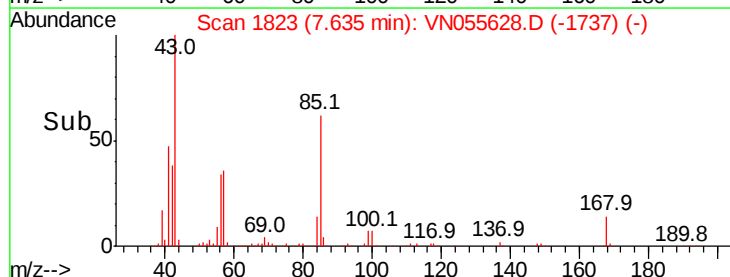
100000

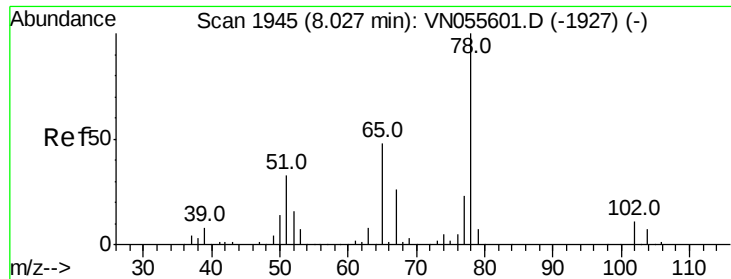
50000

0

Time-->

7.55 7.60 7.65 7.70





#33

1,2-Dichloroethane-d4

Concen: 43.023 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

Instrument :

MSVOA_N

ClientSampleId :

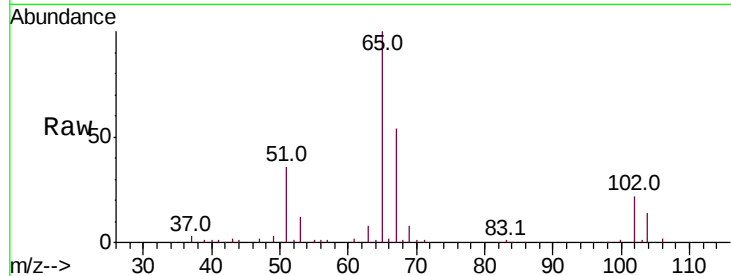
12-B2ME

Tot Ion: 65 Resp: 168192

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.6

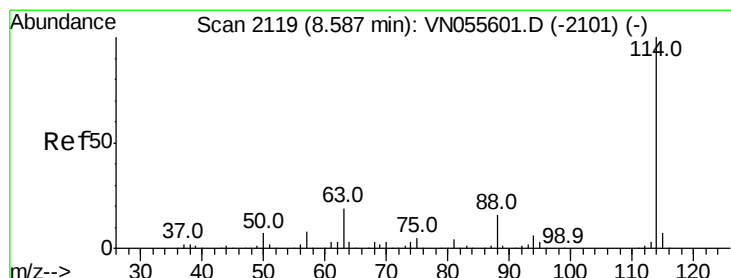
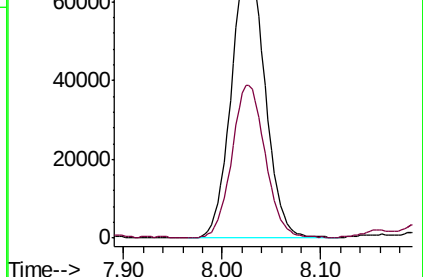
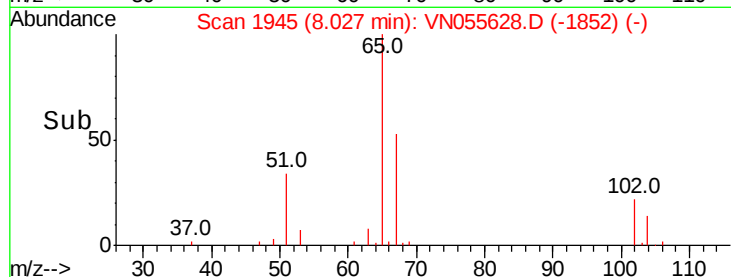


Abundance Ion 64.90 (64.60 to 65.60): VN055628.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055628.D (-1852) (-)

8.03

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

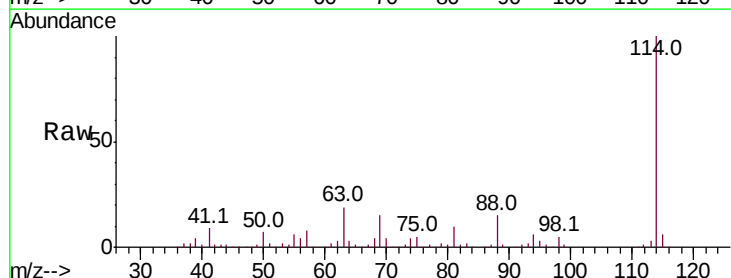
Tgt Ion: 114 Resp: 508707

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.2

88 15.0 0.0 31.0



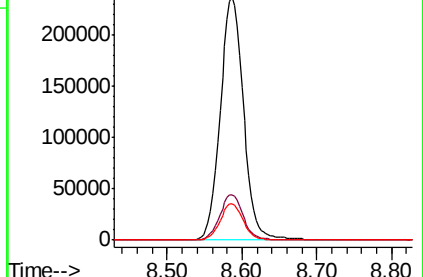
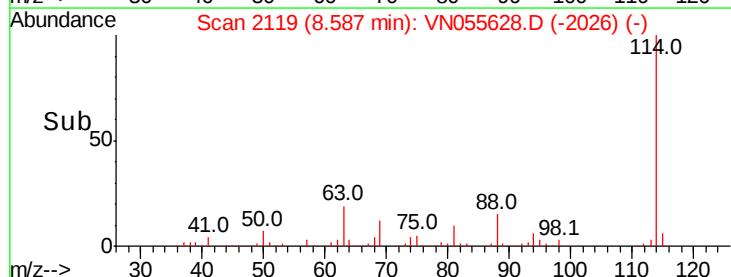
Abundance Ion 113.90 (113.60 to 114.60): VN055628.D (-2026) (-)

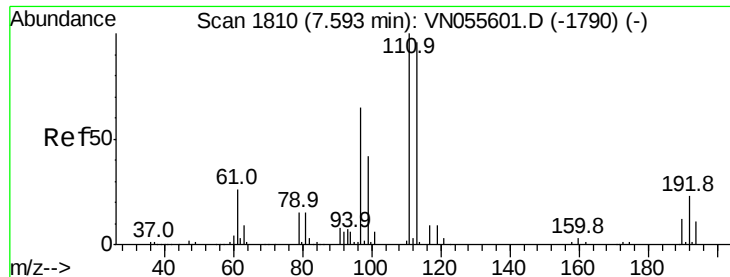
Ion 63.00 (62.70 to 63.70): VN055628.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055628.D (-2026) (-)

8.59

Time-->





#35

Dibromofluoromethane

Concen: 46.991 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

Instrument :

MSVOA_N

ClientSampleId :

12-B2ME

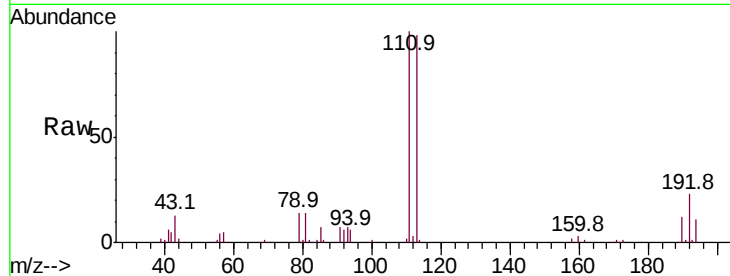
Tot Ion:113 Resp: 151853

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

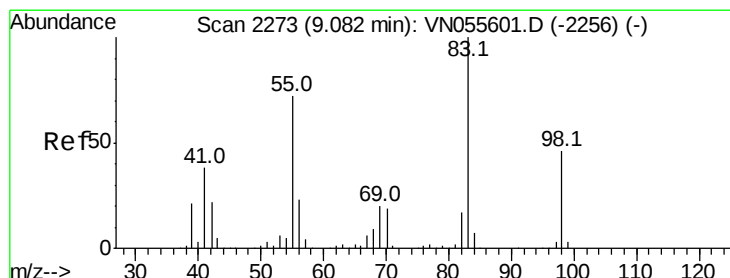
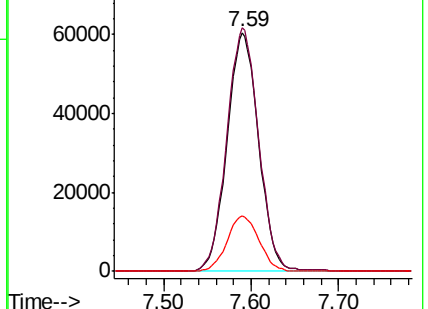
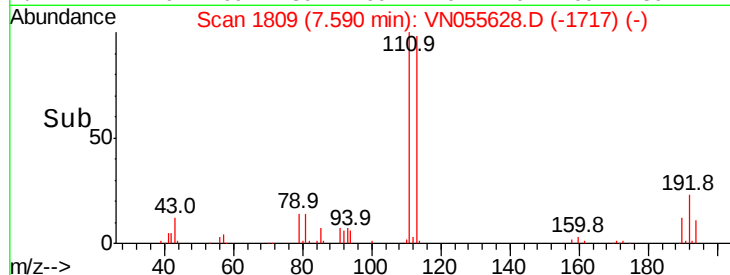
192 23.4 18.7 28.1



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



#39

Methylcyclohexane

Concen: 41.032 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

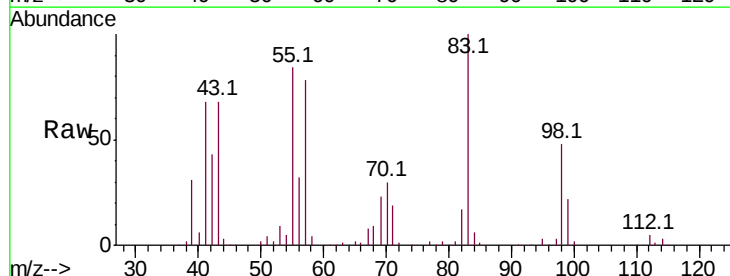
Tgt Ion: 83 Resp: 224340

Ion Ratio Lower Upper

83 100

55 83.6 57.8 86.6

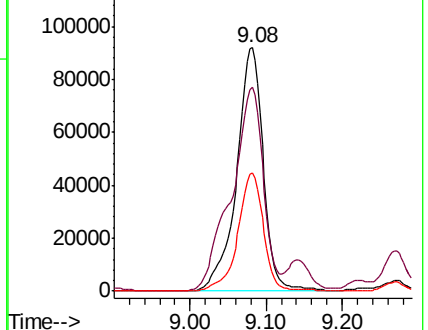
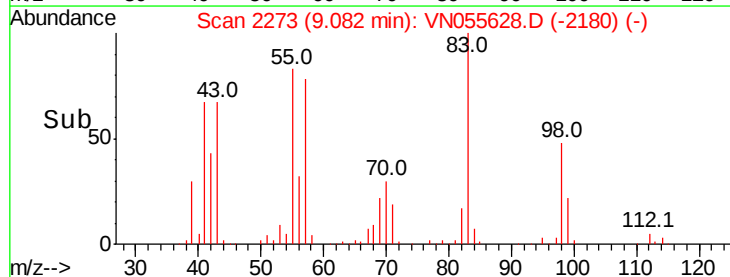
98 48.4 36.7 55.1

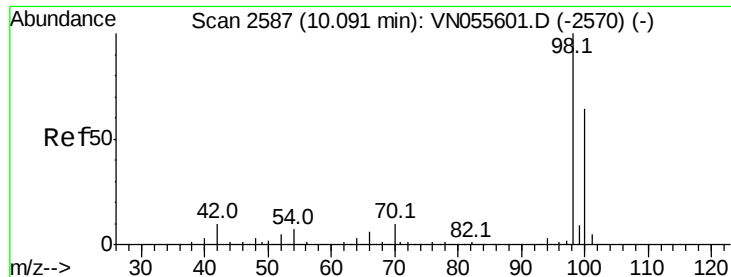


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

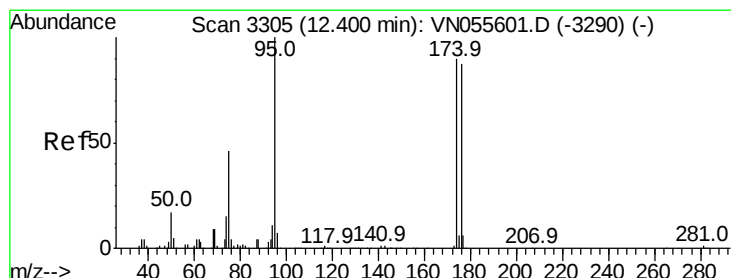
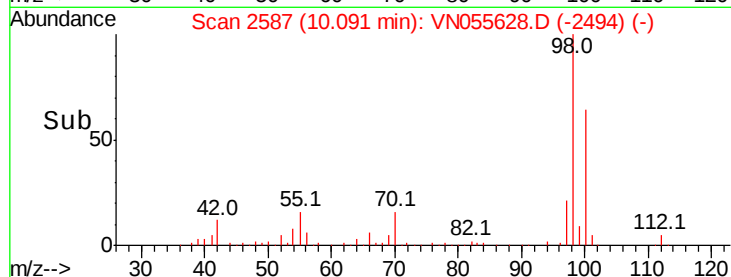
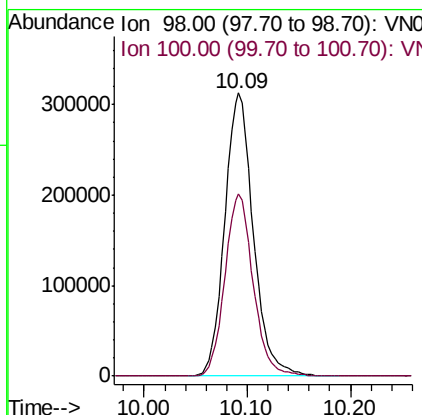
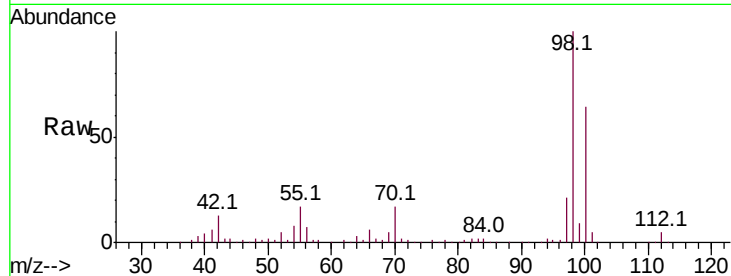




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

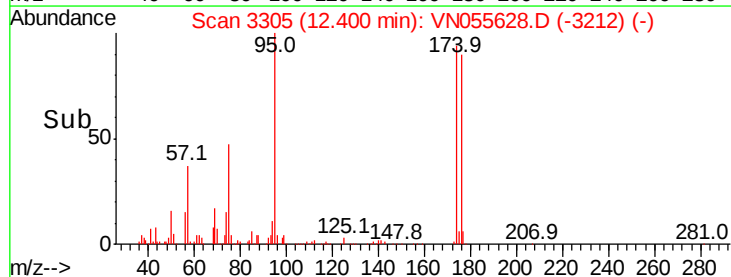
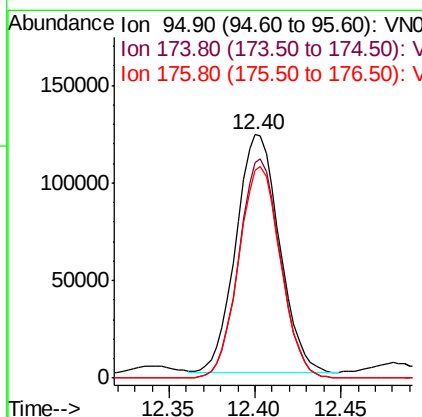
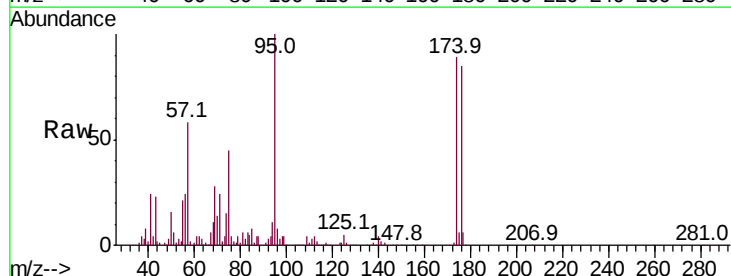
Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

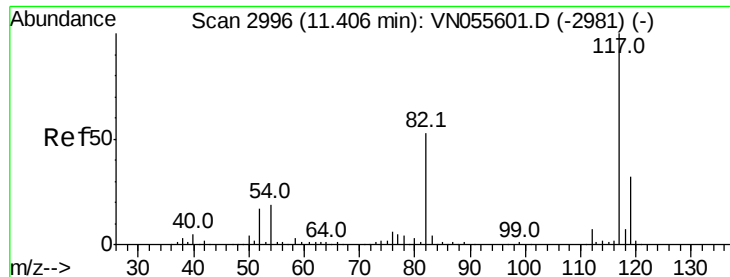
Tot Ion: 98 Resp: 602627
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.509 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 95 Resp: 213117
Ion Ratio Lower Upper
95 100
174 88.1 0.0 180.6
176 86.0 0.0 177.4

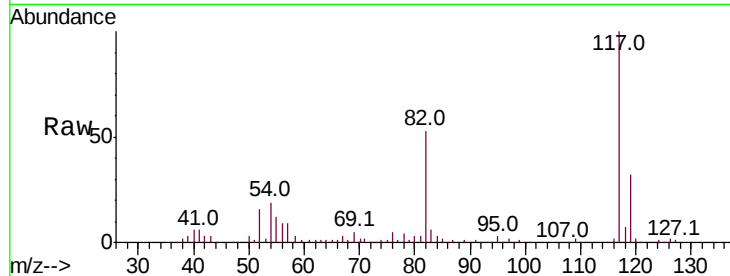




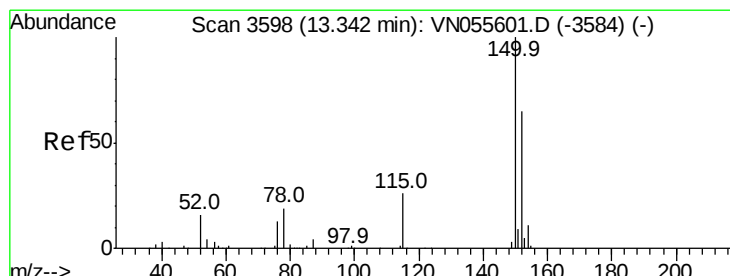
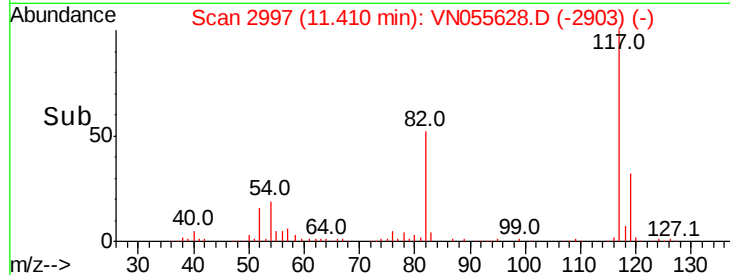
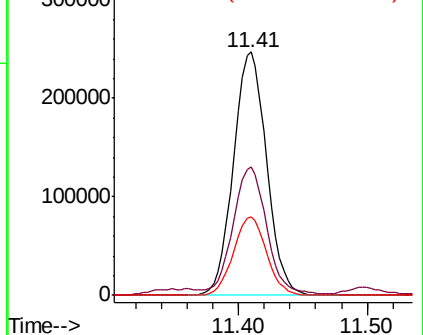
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tot Ion:117 Resp: 441184
Ion Ratio Lower Upper
117 100
82 51.4 42.3 63.5
119 32.5 25.4 38.2

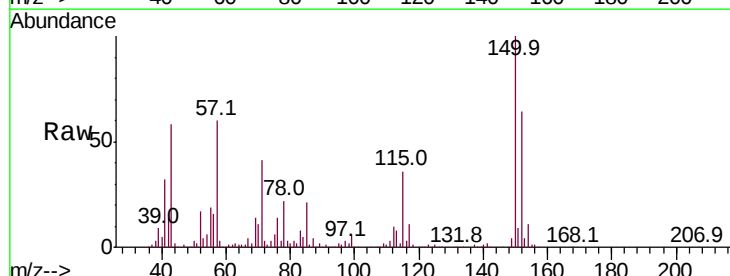


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

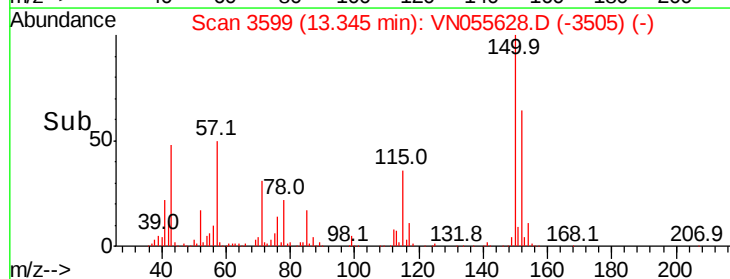
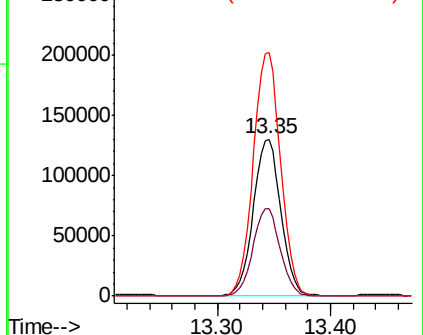


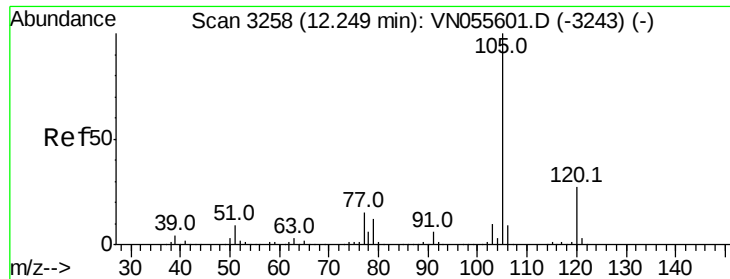
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion:152 Resp: 219864
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.2
150 154.5 0.0 348.0



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





#73

Isopropylbenzene

Concen: 1.653 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

Instrument :

MSVOA_N

ClientSampleId :

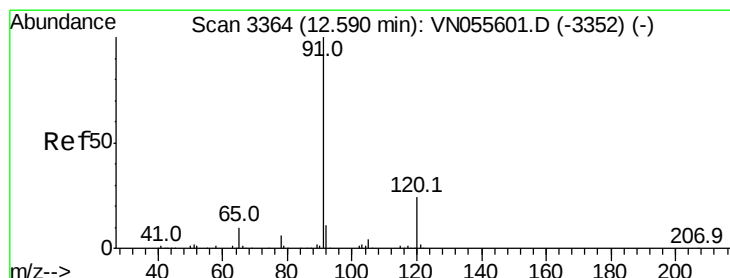
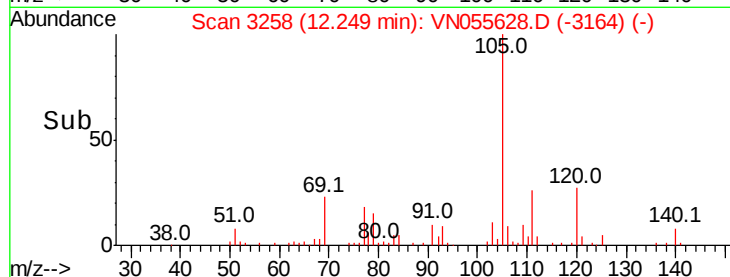
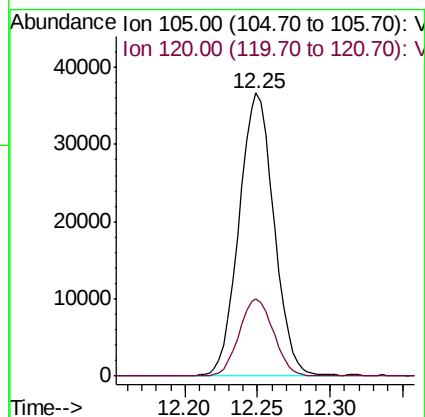
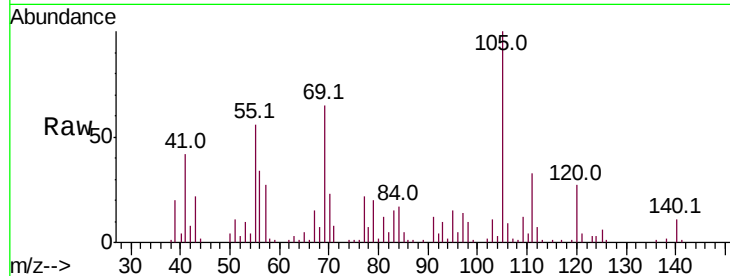
12-B2ME

Tot Ion:105 Resp: 61443

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#78

n-propylbenzene

Concen: 21.993 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055628.D

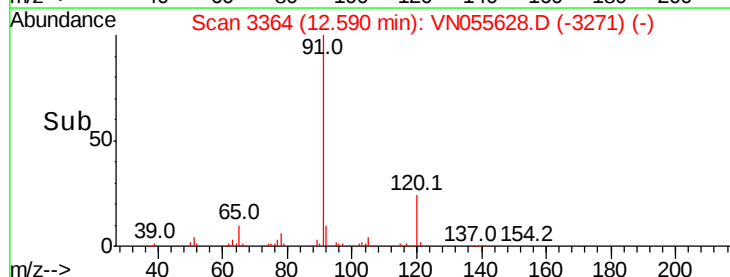
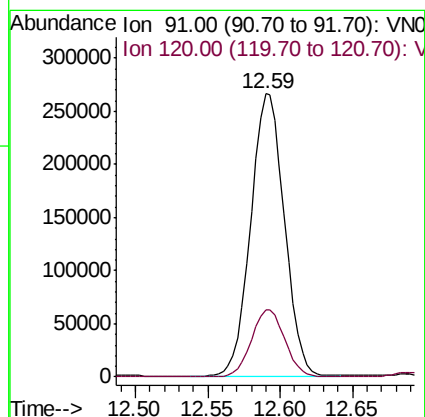
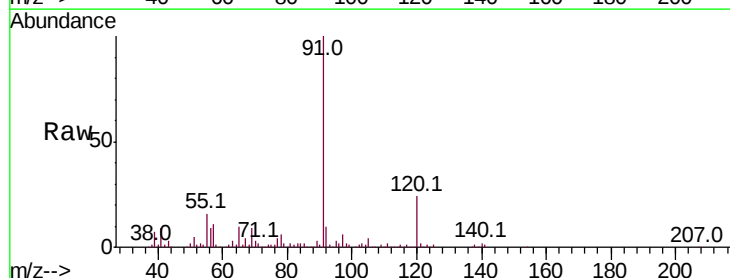
Acq: 17 May 2019 22:16

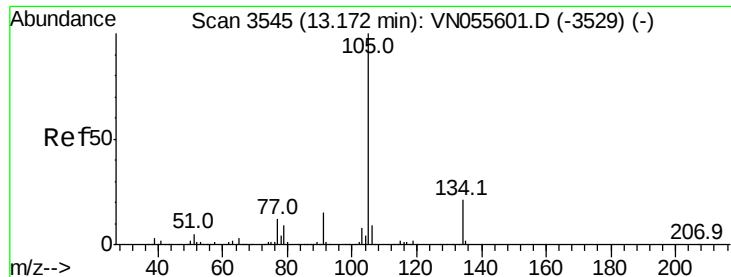
Tgt Ion: 91 Resp: 429408

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5





#85

sec-Butylbenzene

Concen: 9.075 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

Instrument :

MSVOA_N

ClientSampleId :

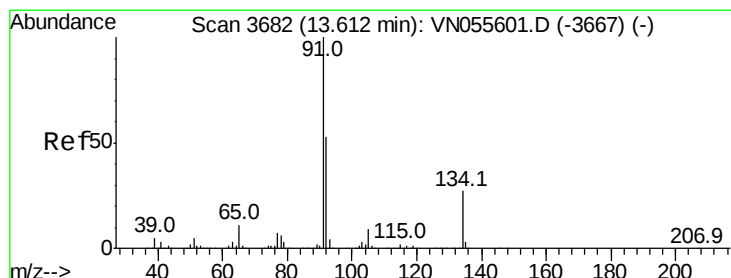
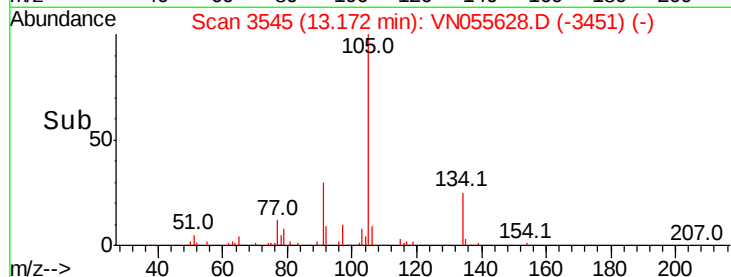
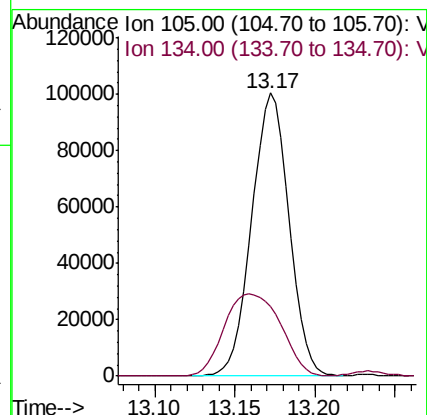
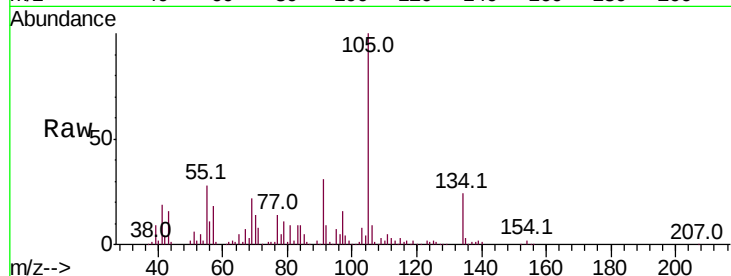
12-B2ME

Tot Ion:105 Resp: 159118

Ion Ratio Lower Upper

105 100

134 44.5 10.3 30.9#



#89

n-Butylbenzene

Concen: 35.439 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055628.D

Acq: 17 May 2019 22:16

Tgt Ion: 91 Resp: 427560

Ion Ratio Lower Upper

91 100

92 47.4 26.4 79.0

134 43.0 13.7 41.1#

