

Data File : VN055395.D
Acq On : 3 May 2019 17:27
Operator : JC/SP
Sample : K2658-07DL 200X
Misc : 6.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)DL

Quant Time: May 04 01:11:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

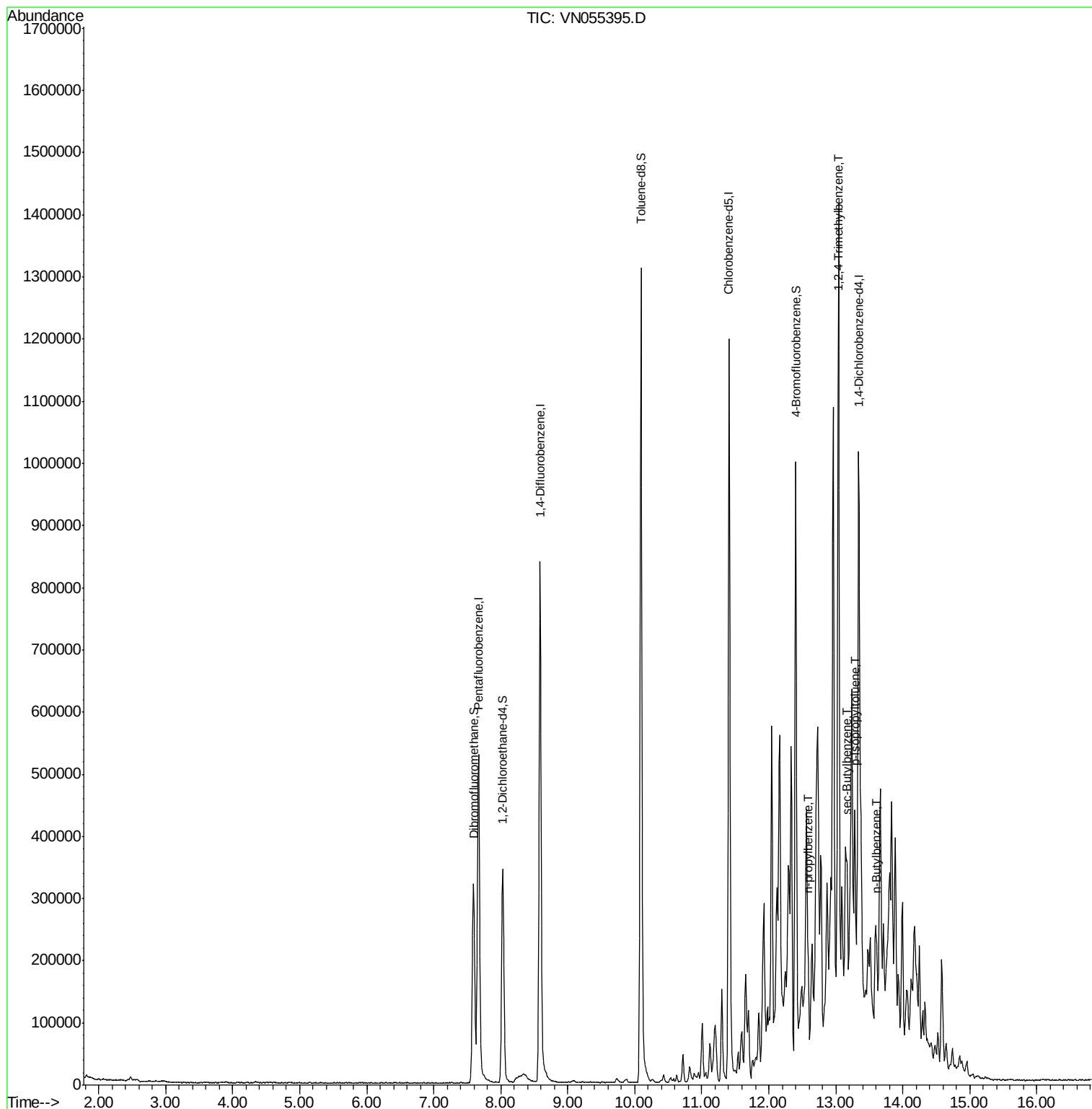
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	456918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	781553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	707377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	305535	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	7.59	113	245588	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	10.09	98	960466	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	315067	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
Target Compounds						
78) n-propylbenzene	12.59	91	98076	3.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	688240	40.988	ug/l	100
85) sec-Butylbenzene	13.17	105	80026	3.922	ug/l #	73
86) p-Isopropyltoluene	13.29	119	36263	2.162	ug/l	97
89) n-Butylbenzene	13.61	91	61098	5.126	ug/l #	80

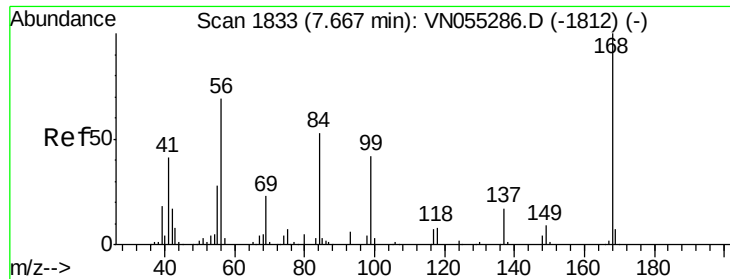
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

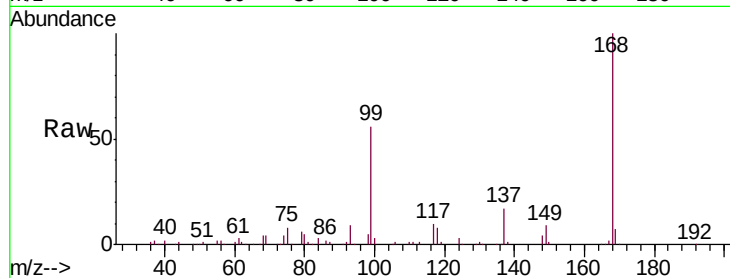
EP1-SB-E3-4(14-17)DL

Tgt Ion:168 Resp: 456918

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

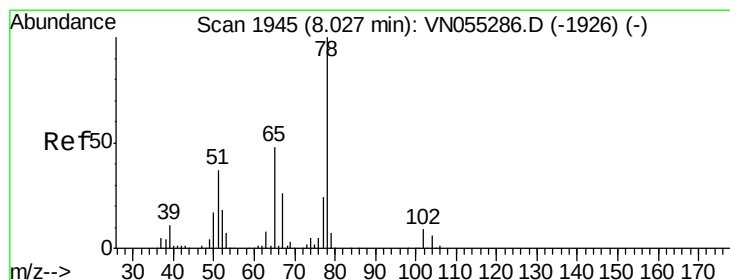
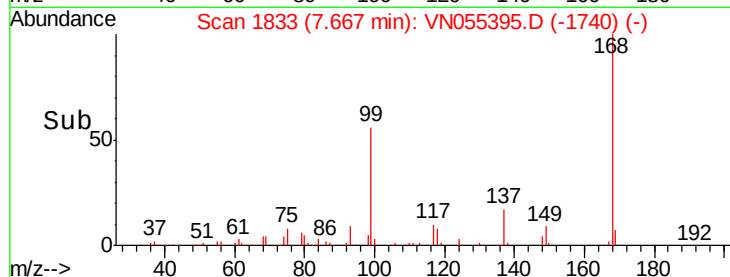
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.114 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055395.D

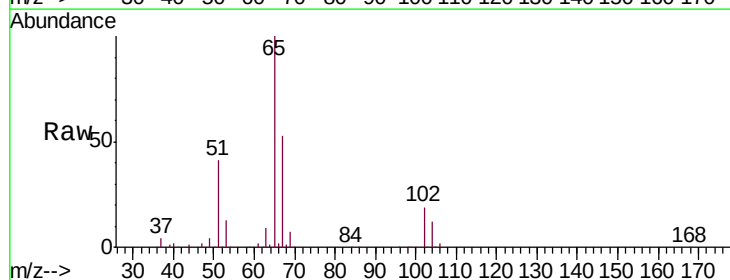
Acq: 3 May 2019 17:27

Tgt Ion: 65 Resp: 305535

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

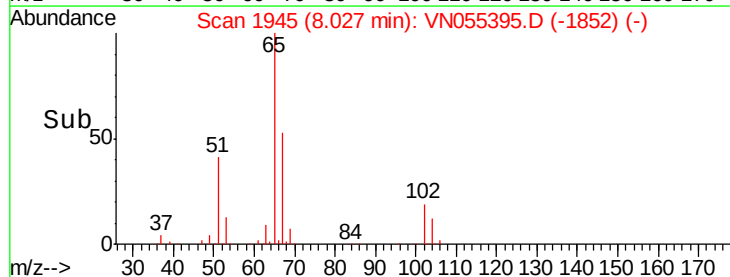
100000

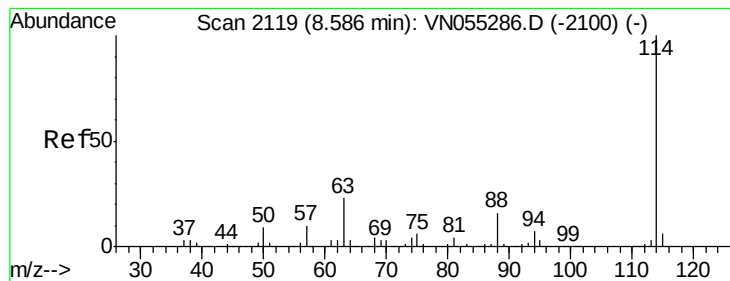
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055395.D

Acq: 3 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)DL

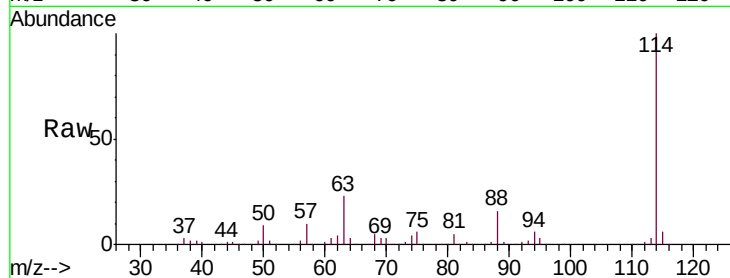
Tgt Ion:114 Resp: 781553

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

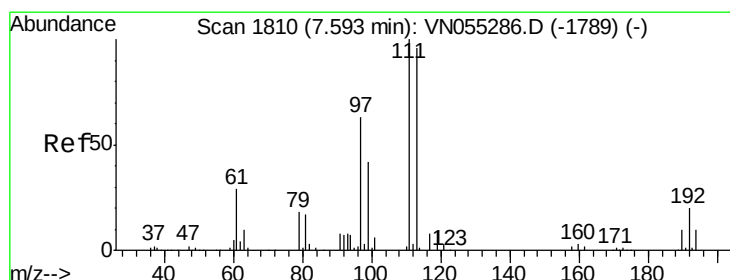
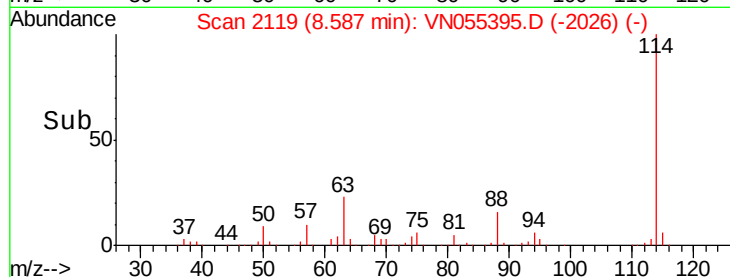
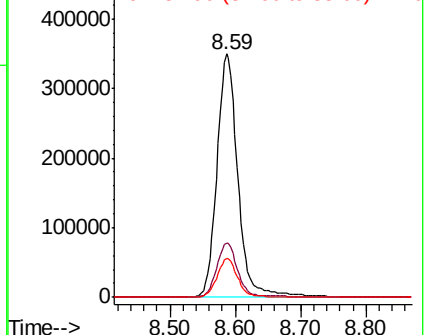
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.874 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055395.D

Acq: 3 May 2019 17:27

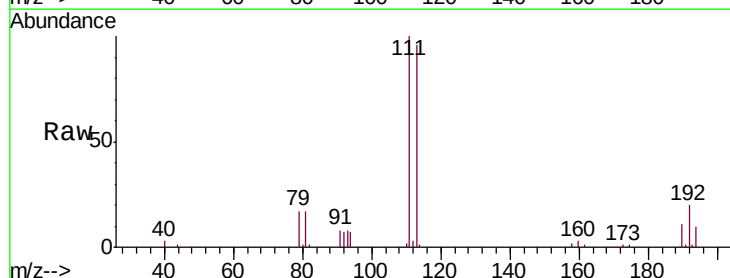
Tgt Ion:113 Resp: 245588

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

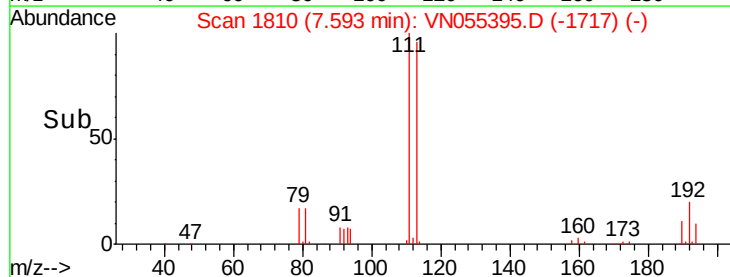
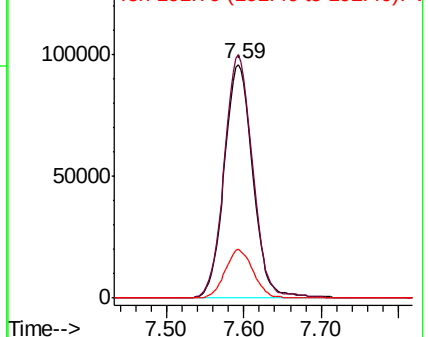
192 20.5 17.0 25.6

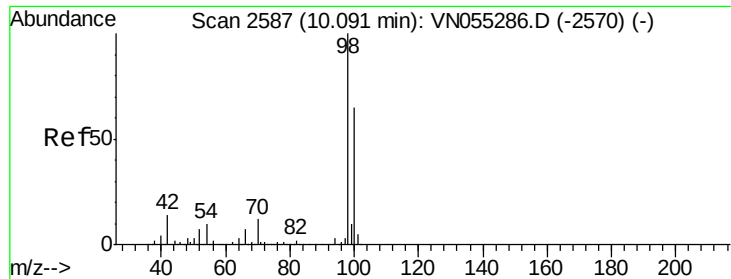


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

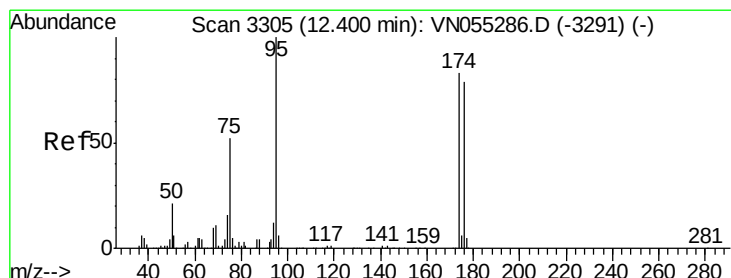
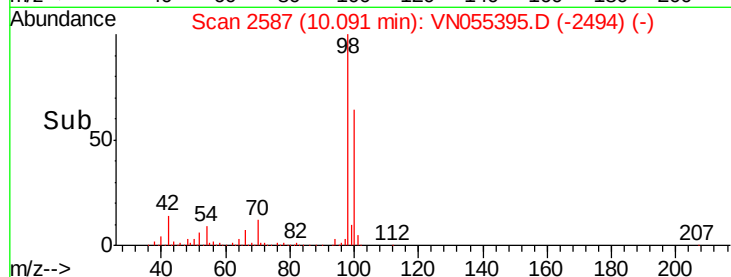
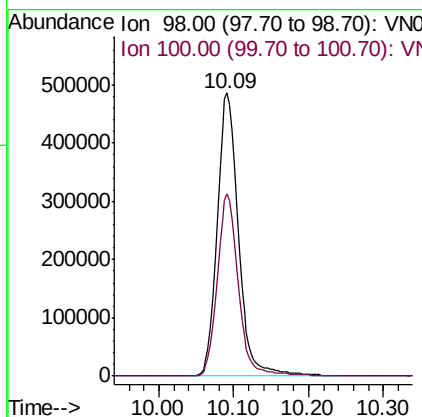
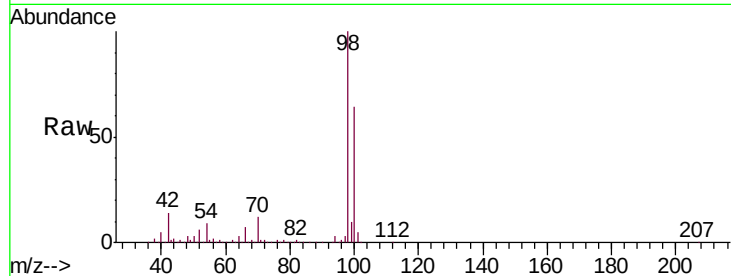




#50
Toluene-d8
Concen: 51.852 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055395.D
Acq: 3 May 2019 17:27

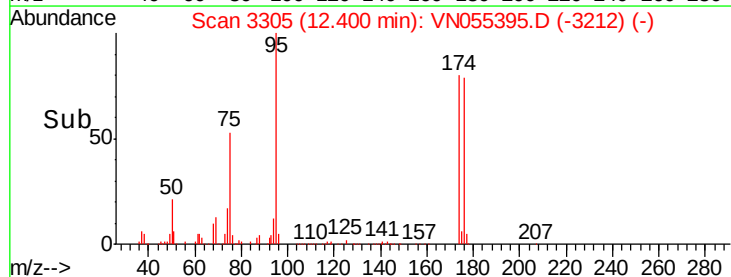
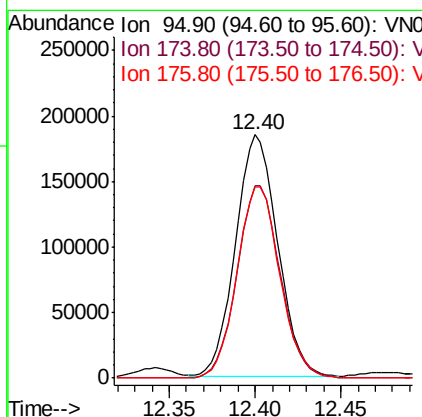
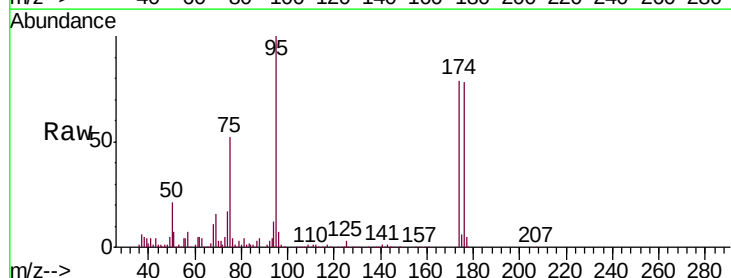
Instrument :
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EP1-SB-E3-4(14-17)DL

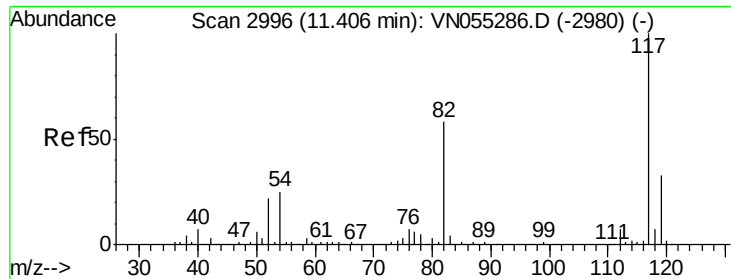
Tgt Ion: 98 Resp: 960466
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.423 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055395.D
Acq: 3 May 2019 17:27

Tgt Ion: 95 Resp: 315067
Ion Ratio Lower Upper
95 100
174 81.1 0.0 166.6
176 80.5 0.0 157.8

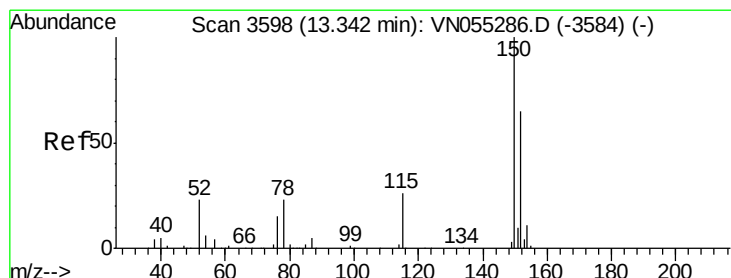
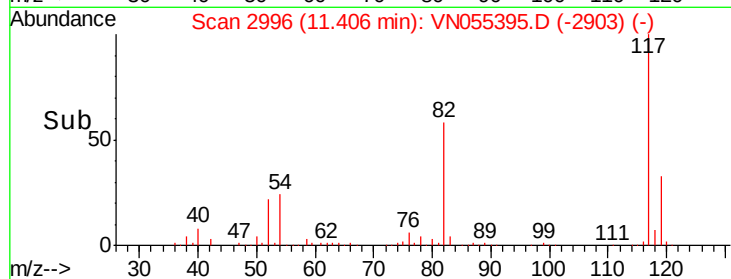
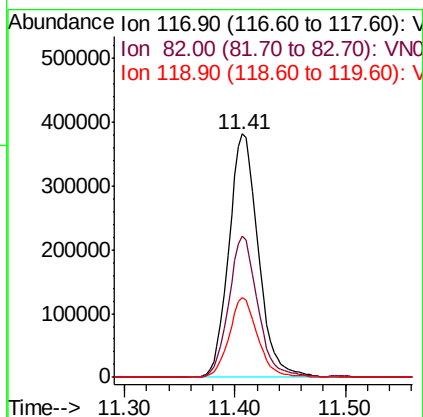
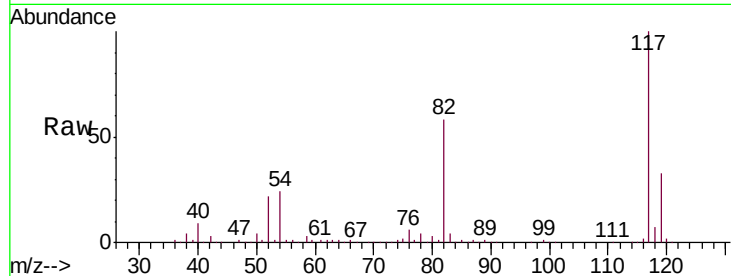




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055395.D
Acq: 3 May 2019 17:27

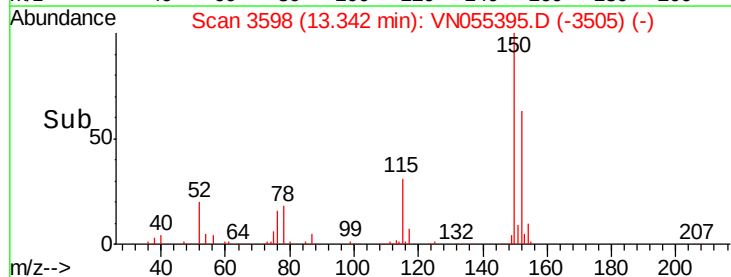
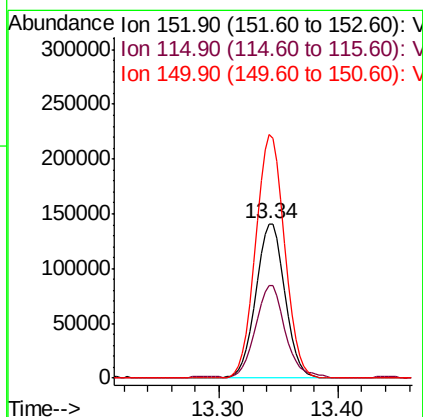
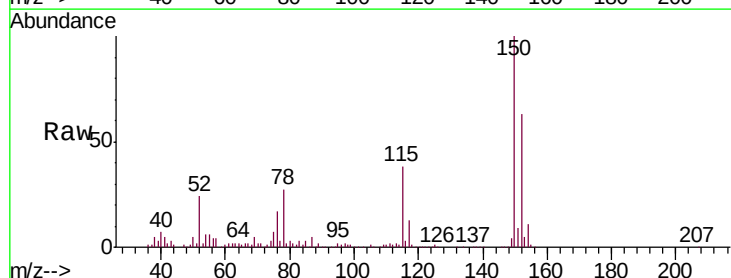
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)DL

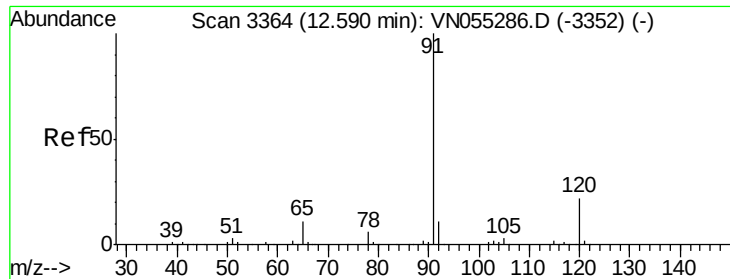
Tgt Ion:117 Resp: 707377
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055395.D
Acq: 3 May 2019 17:27

Tgt Ion:152 Resp: 239485
Ion Ratio Lower Upper
152 100
115 61.3 29.0 87.0
150 156.4 0.0 345.6





#78

n-propylbenzene

Concen: 3.987 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055395.D

Acq: 3 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

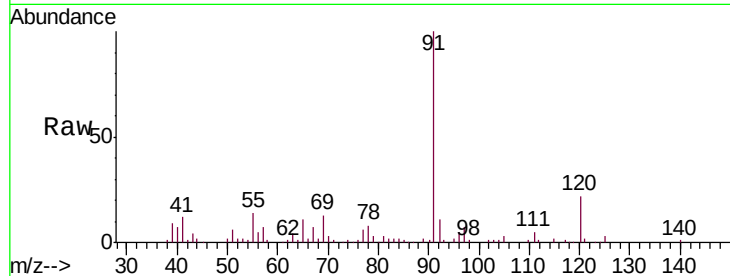
EP1-SB-E3-4(14-17)DL

Tgt Ion: 91 Resp: 98076

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3352) (-)

12.59

60000

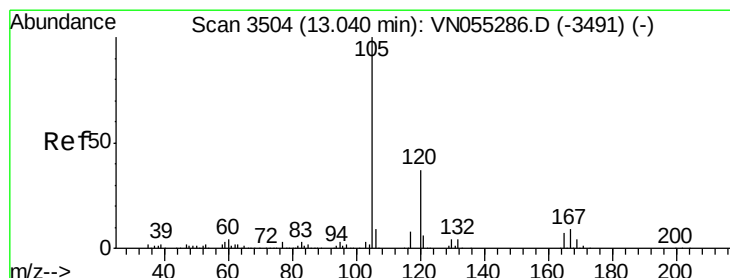
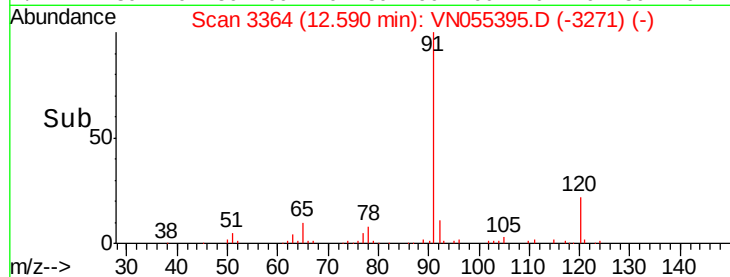
40000

20000

0

12.55 12.60 12.65

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 40.988 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055395.D

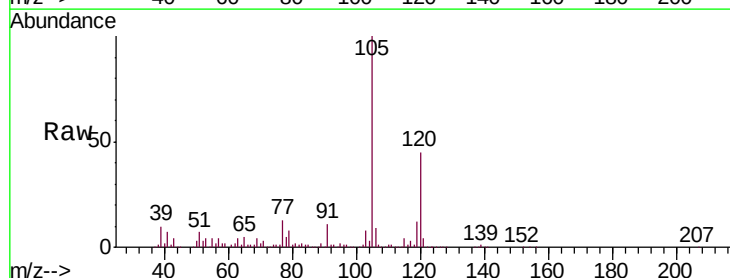
Acq: 3 May 2019 17:27

Tgt Ion: 105 Resp: 688240

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3491) (-)

13.04

500000

400000

300000

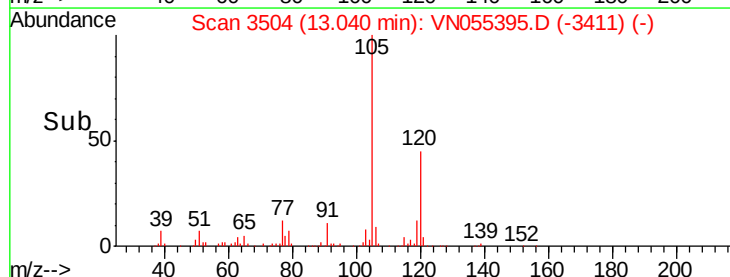
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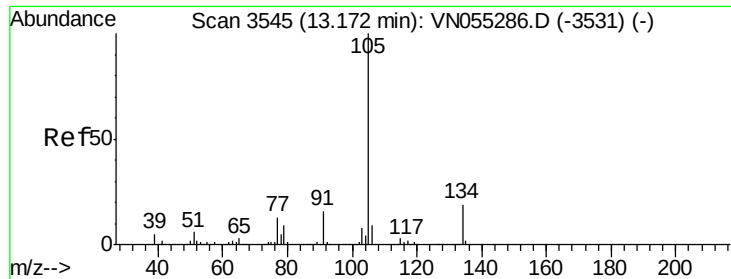
100000

0

13.00 13.10

Time-->





#85

sec-Butylbenzene

Concen: 3.922 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055395.D

Acq: 3 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

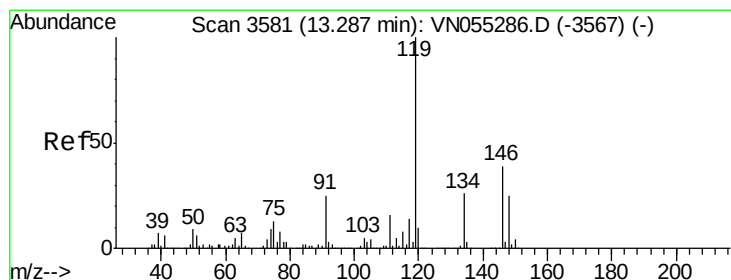
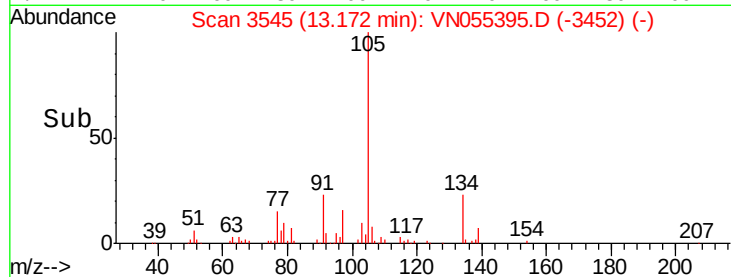
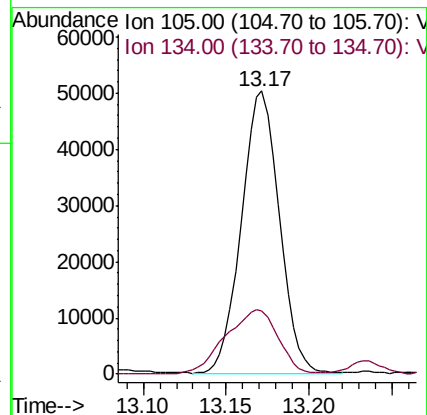
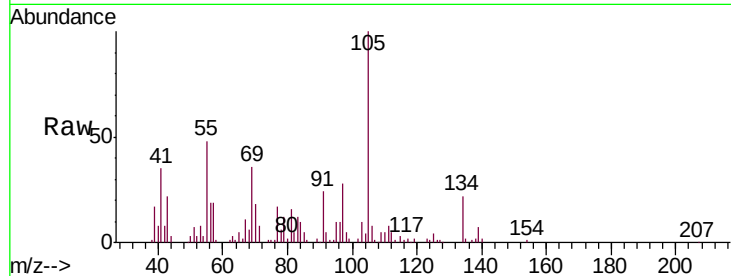
EP1-SB-E3-4(14-17)DL

Tgt Ion:105 Resp: 80026

Ion Ratio Lower Upper

105 100

134 31.5 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 2.162 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055395.D

Acq: 3 May 2019 17:27

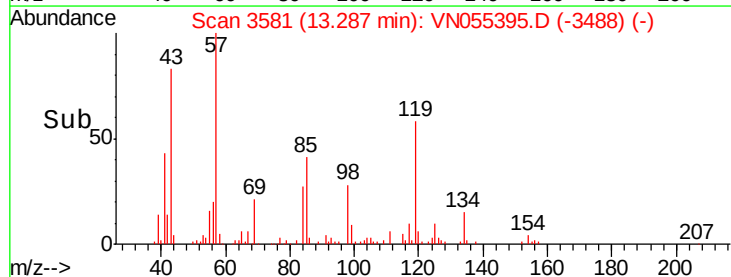
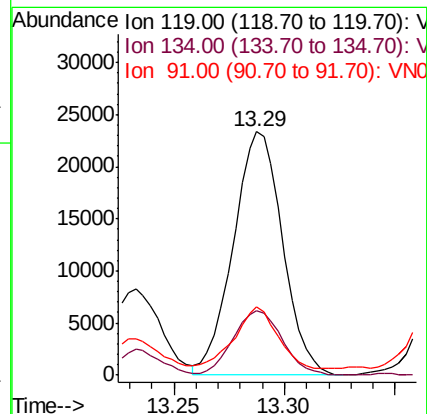
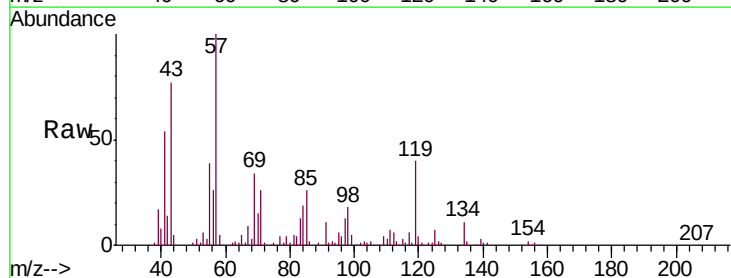
Tgt Ion:119 Resp: 36263

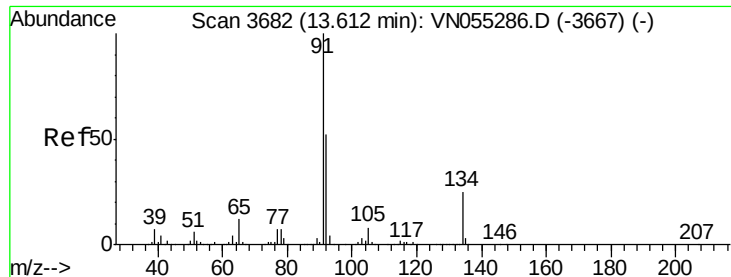
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 21.8 12.2 36.6





#89
 n-Butylbenzene
 Concen: 5.126 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
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 Acq: 3 May 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	91	Resp:	61098
Ion	Ratio	Lower	Upper
91	100		
92	48.6	26.1	78.3
134	0.0	12.4	37.4#

