

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050319\
 Data File : VN055394.D
 Acq On : 3 May 2019 17:02
 Operator : JC/SP
 Sample : K2658-03DL 200X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)DL

Manual Integrations
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MMDadoda
 5/6/2019 10:47:41 AM

Quant Time: May 11 02:17:57 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	459501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	776810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	693827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	302584	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	241870	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	950657	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	318759	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
Target Compounds						
78) n-propylbenzene	12.59	91	186491	7.326	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	98331	5.062	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	918558	52.869	ug/l	100
85) sec-Butylbenzene	13.17	105	108898	5.157	ug/l #	77
86) p-Isopropyltoluene	13.29	119	88431	5.095	ug/l	99
89) n-Butylbenzene	13.61	91	81575m	6.615	ug/l	

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

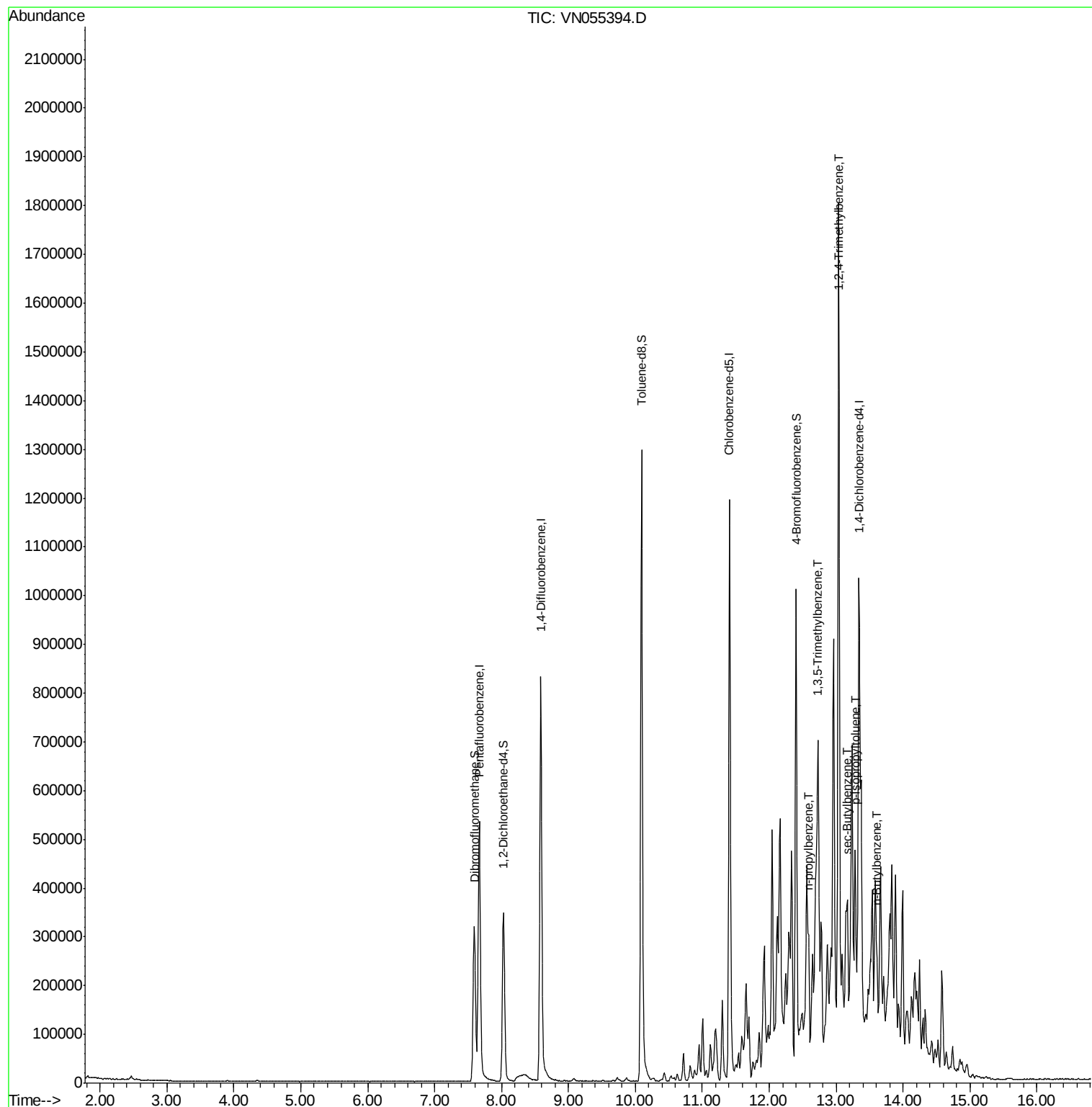
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050319\
Data File : VN055394.D
Acq On : 3 May 2019 17:02
Operator : JC/SP
Sample : K2658-03DL 200X
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

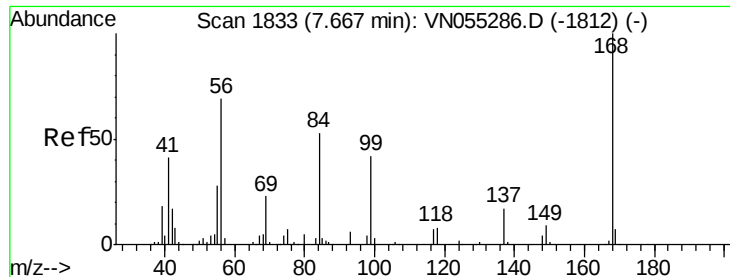
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)DL

Manual Integrations
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Quant Time: May 11 02:17:57 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055394.D

Acq: 3 May 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)DL

Tgt Ion: 168 Resp: 459501

Ion Ratio Lower Upper

168 100

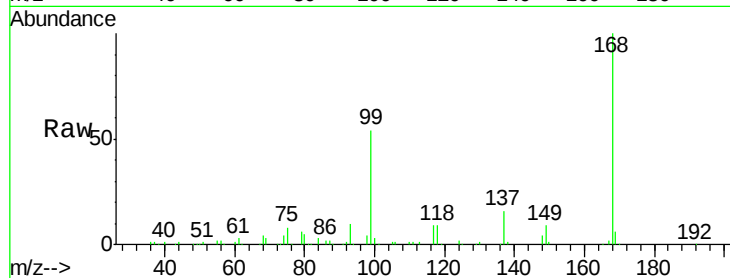
99 53.8 43.6 65.4

Manual Integrations

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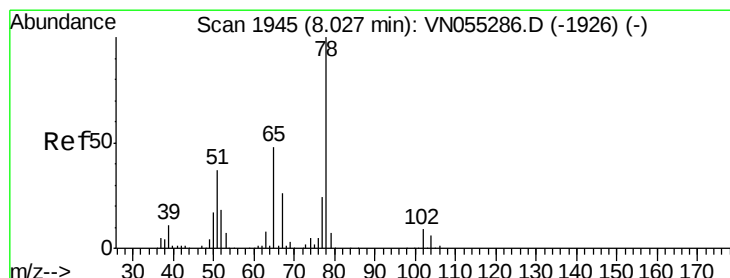
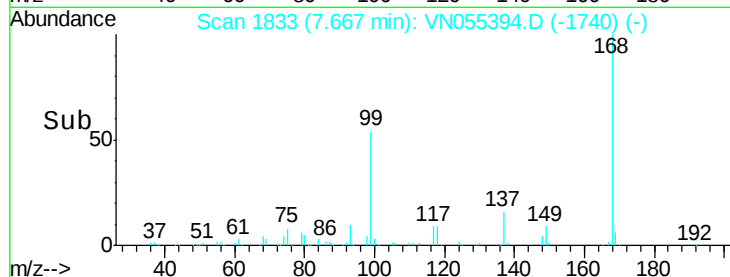
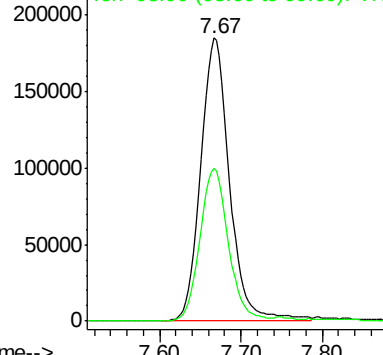
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.336 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055394.D

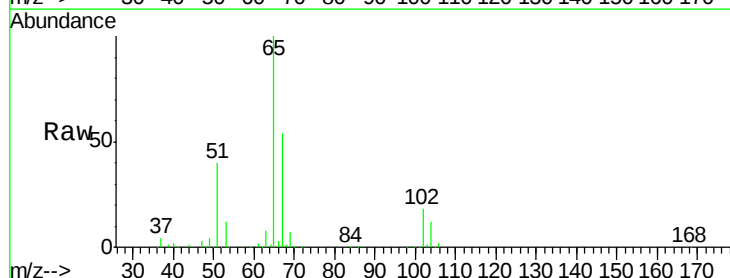
Acq: 3 May 2019 17:02

Tgt Ion: 65 Resp: 302584

Ion Ratio Lower Upper

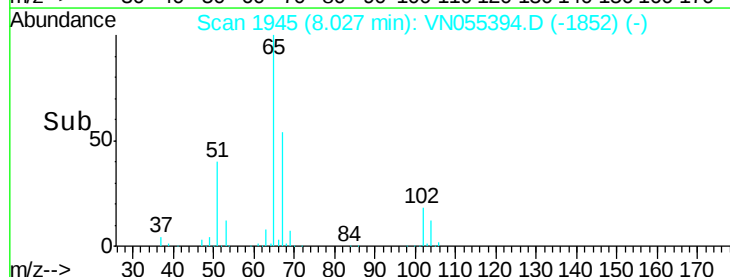
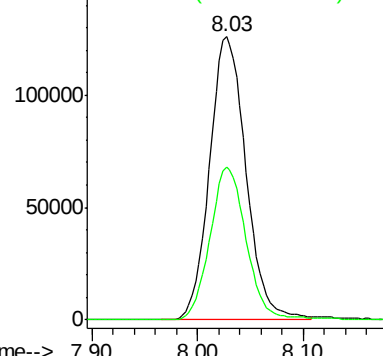
65 100

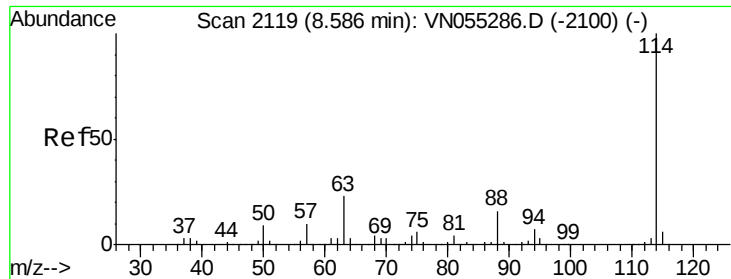
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





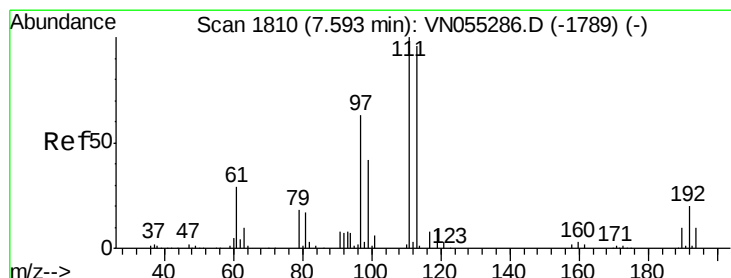
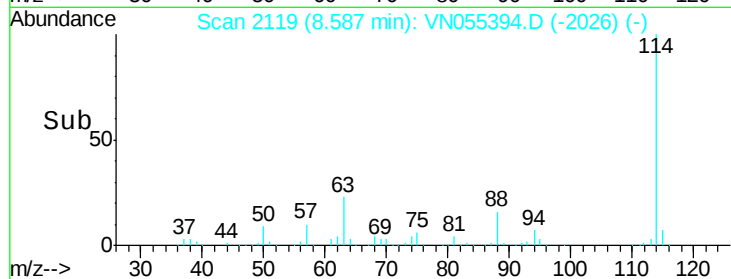
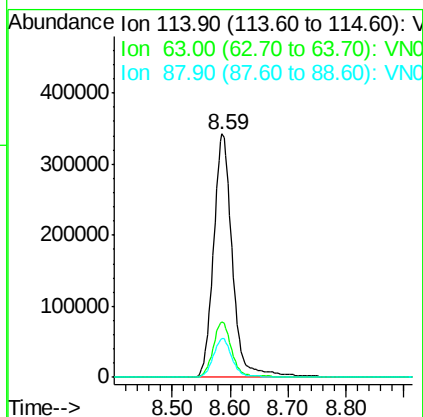
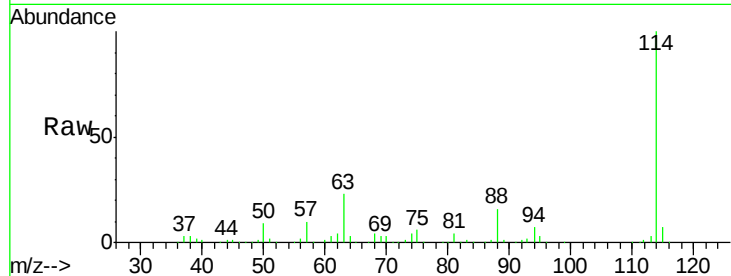
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.8	0.0	45.2
88	16.2	0.0	31.6

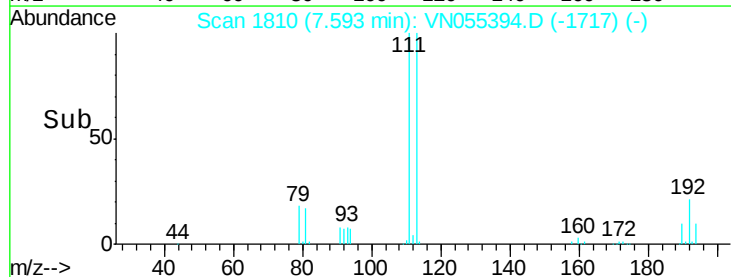
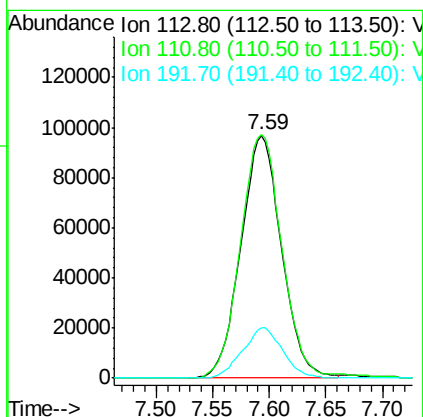
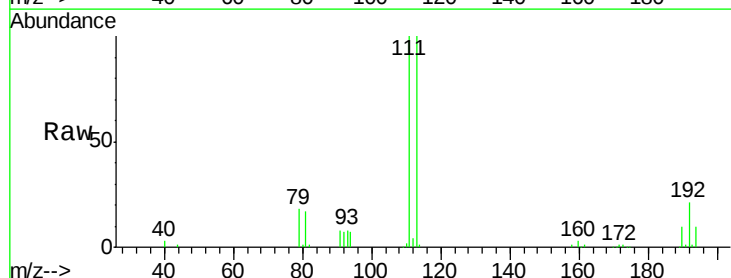
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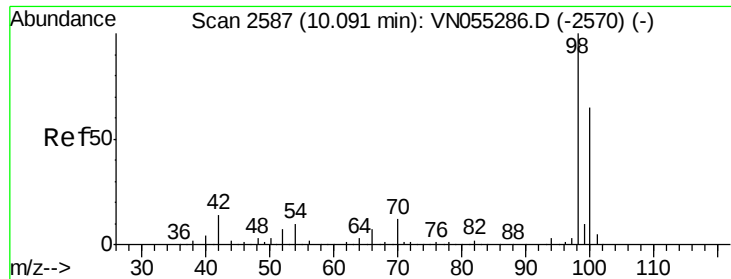
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#35
Dibromofluoromethane
Concen: 47.437 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.1	82.3	123.5
192	20.6	17.0	25.6





#50

Toluene-d8

Concen: 51.636 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055394.D

Acq: 3 May 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)DL

Tgt Ion: 98 Resp: 950657

Ion Ratio Lower Upper

98 100

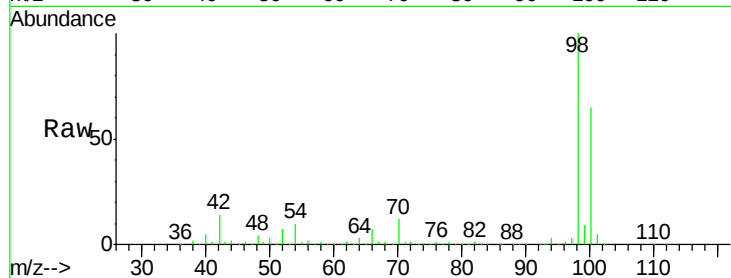
100 64.4 51.7 77.5

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Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

500000

400000

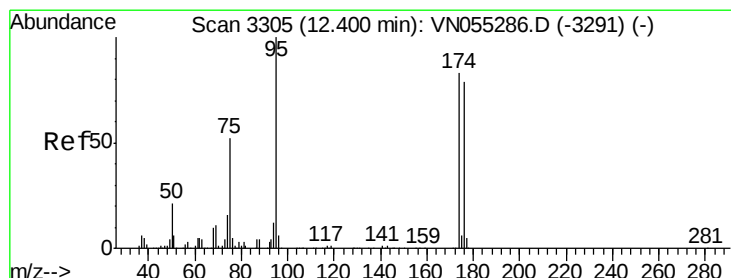
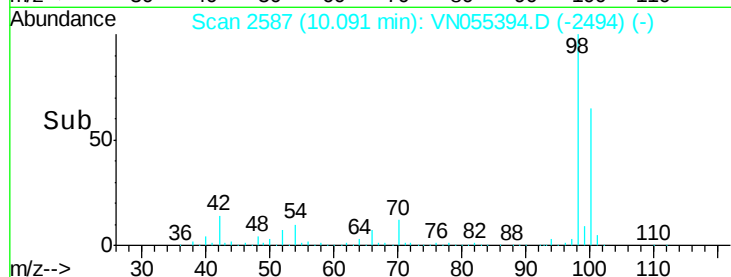
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.397 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055394.D

Acq: 3 May 2019 17:02

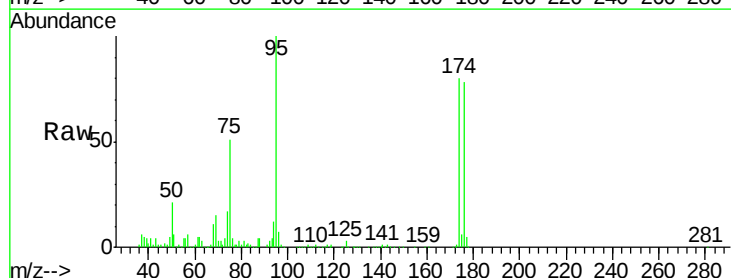
Tgt Ion: 95 Resp: 318759

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.6

176 79.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

250000

200000

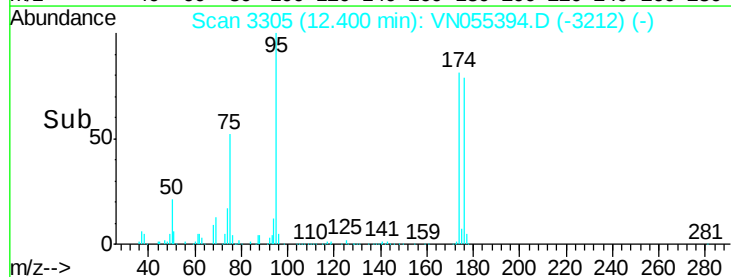
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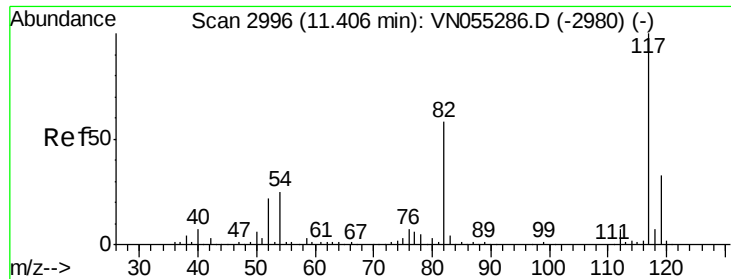
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50000

0

Time-->





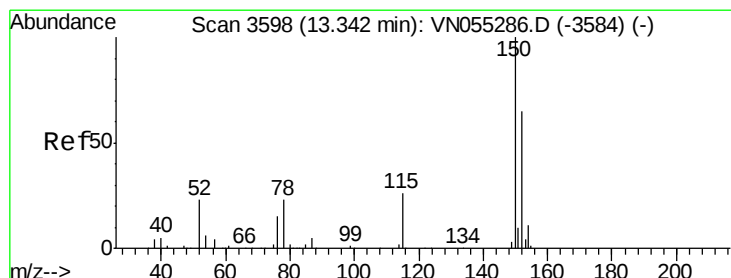
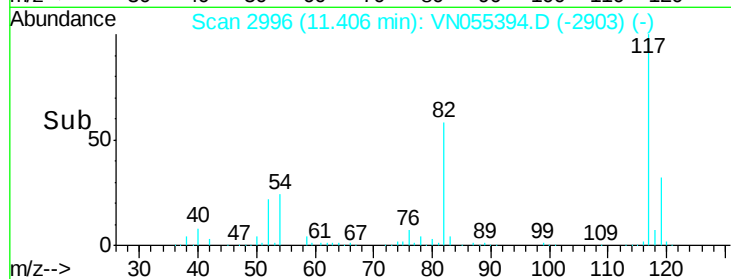
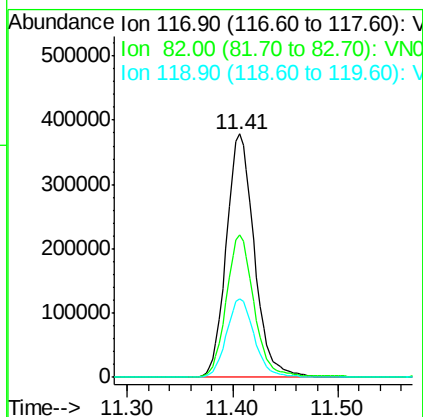
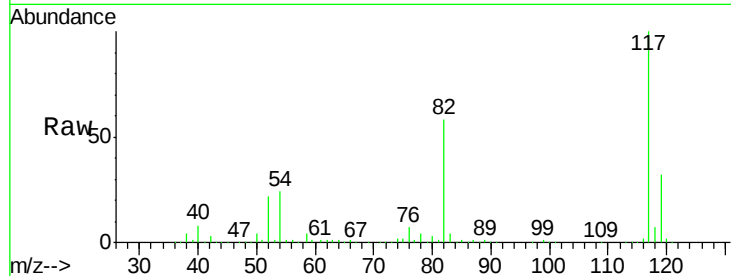
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)DL

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	693827		
82	58.2	46.2	69.4	
119	32.3	26.6	40.0	

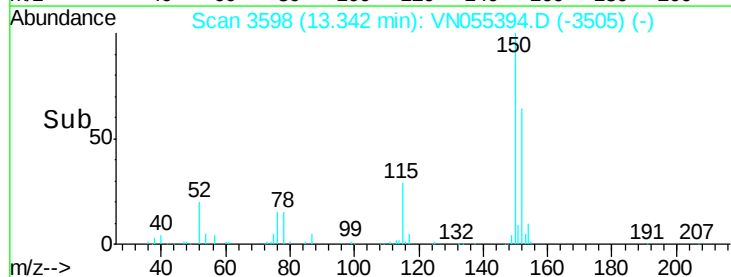
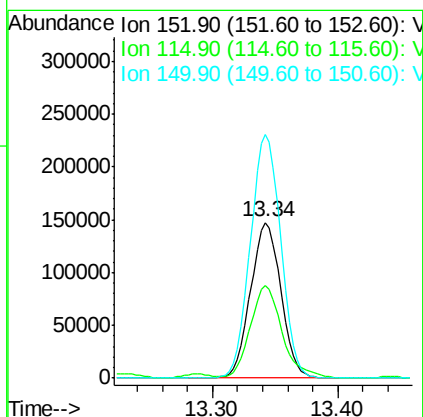
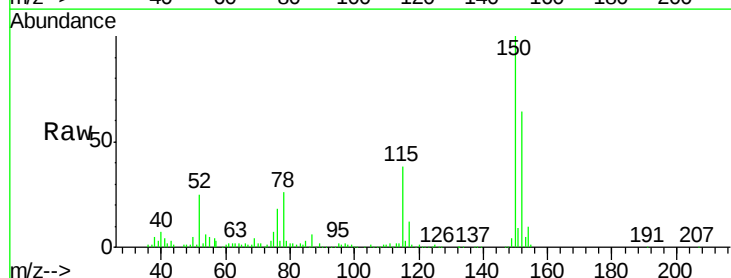
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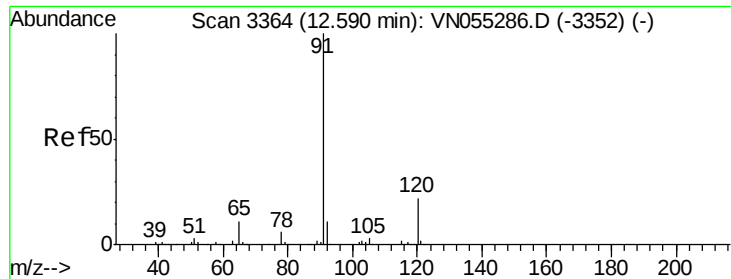
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	247802		
115	62.2	29.0	87.0	
150	156.2	0.0	345.6	





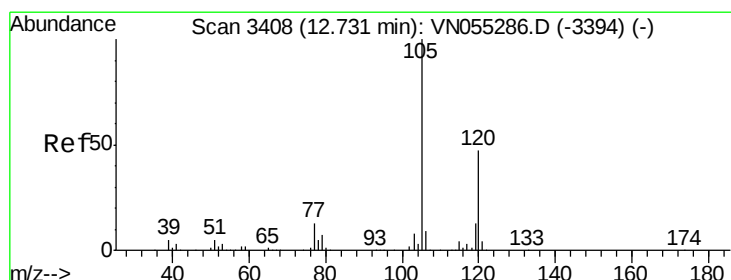
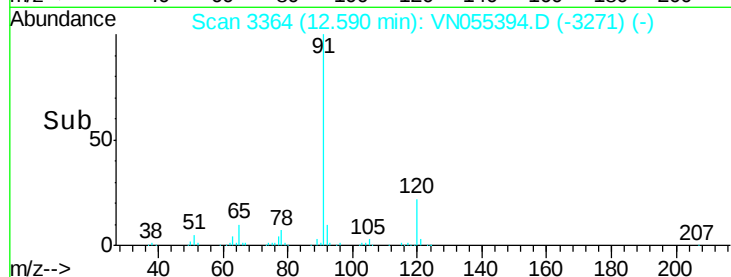
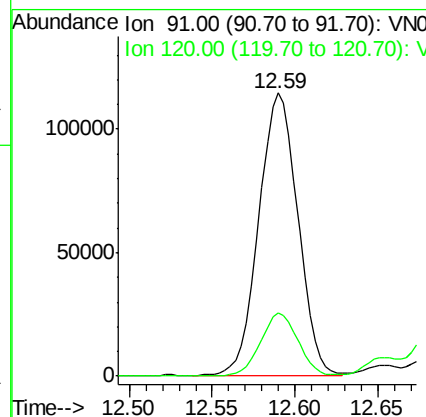
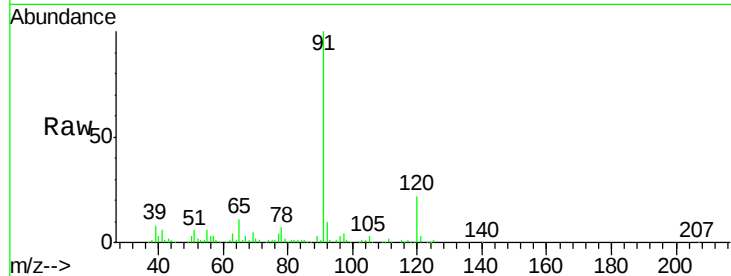
#78
n-propylbenzene
Concen: 7.326 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)DL

Tgt Ion: 91 Resp: 186491
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

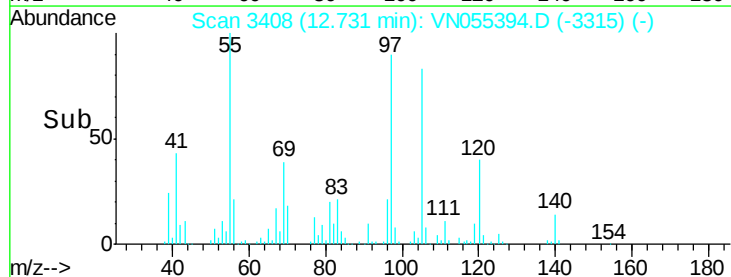
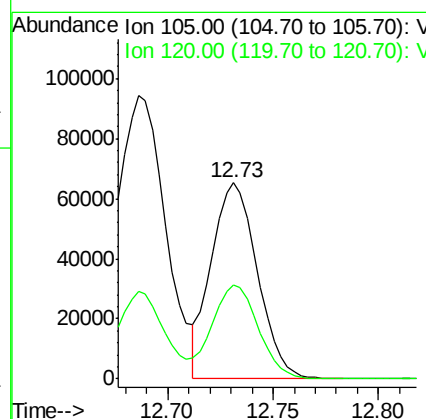
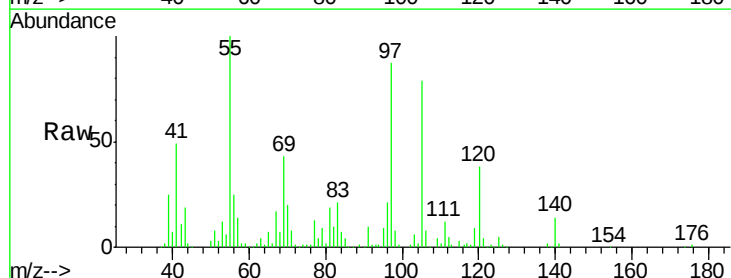
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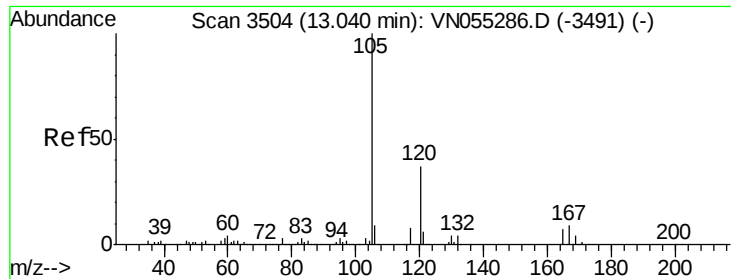
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#80
1,3,5-Trimethylbenzene
Concen: 5.062 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055394.D
Acq: 3 May 2019 17:02

Tgt Ion: 105 Resp: 98331
Ion Ratio Lower Upper
105 100
120 49.4 23.4 70.0





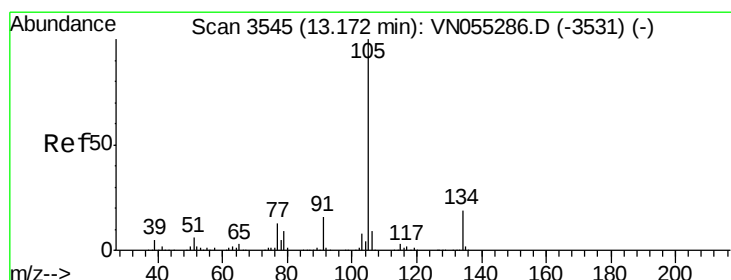
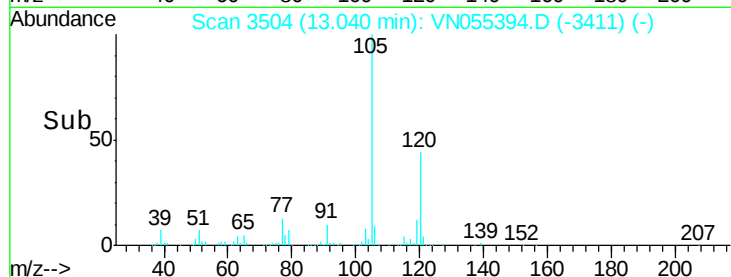
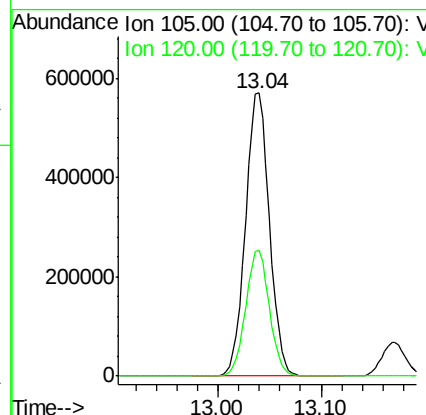
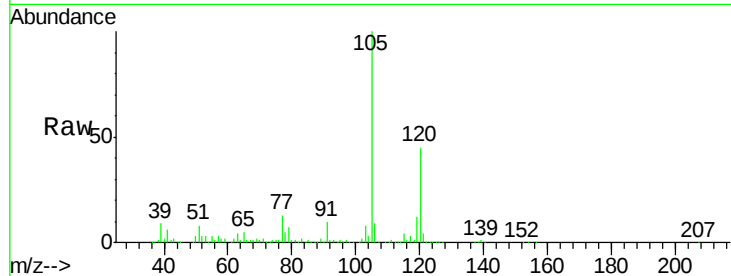
#84
 1,2,4-Trimethylbenzene
 Concen: 52.869 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055394.D
 Acq: 3 May 2019 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)DL

Tgt Ion:105 Resp: 918558
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5

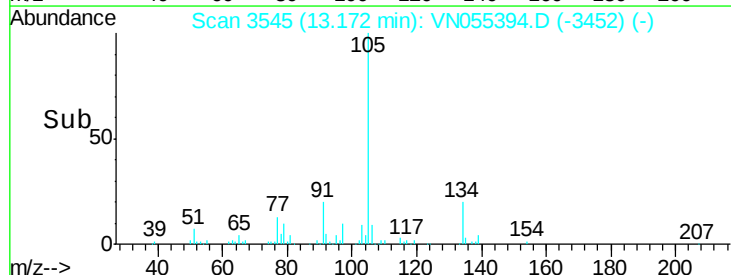
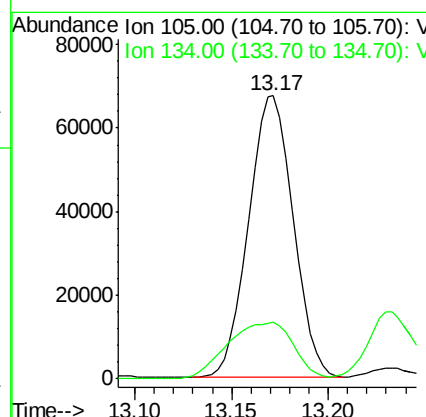
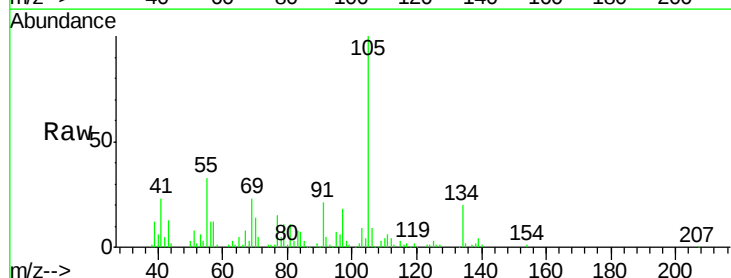
Manual Integrations
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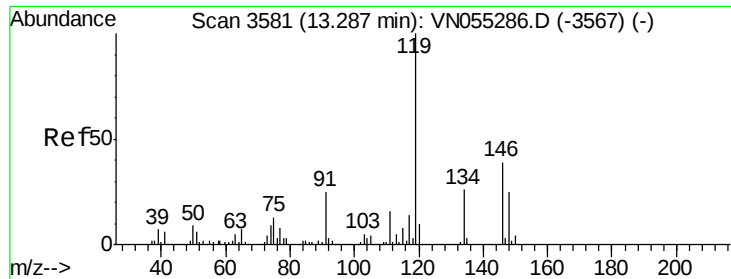
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#85
 sec-Butylbenzene
 Concen: 5.157 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055394.D
 Acq: 3 May 2019 17:02

Tgt Ion:105 Resp: 108898
 Ion Ratio Lower Upper
 105 100
 134 29.6 9.6 28.8#





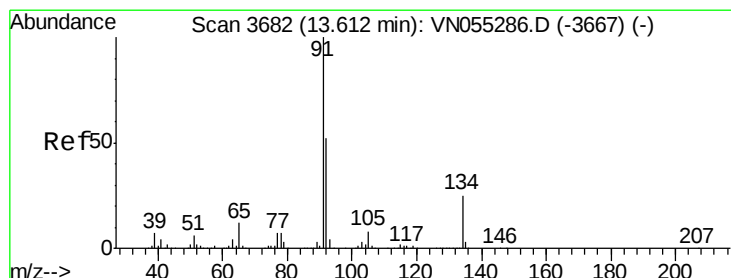
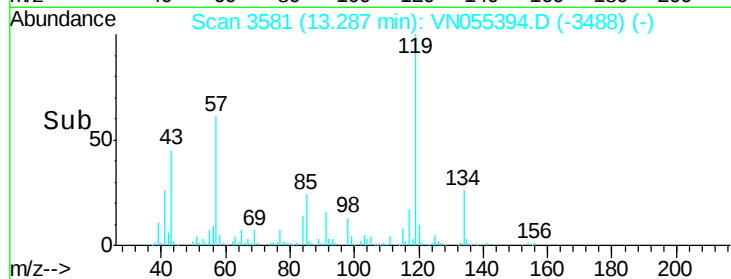
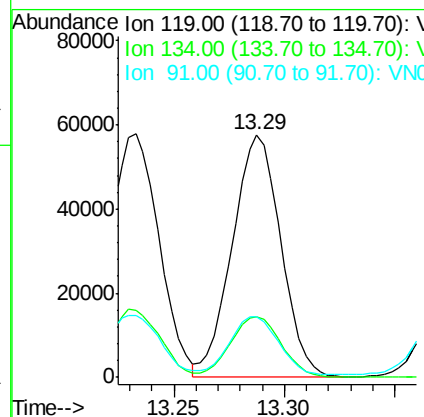
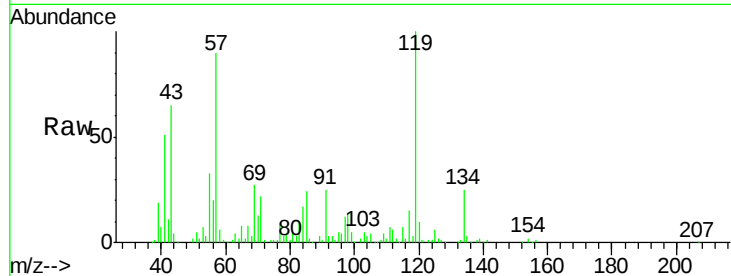
#86
 p-Isopropyltoluene
 Concen: 5.095 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055394.D
 Acq: 3 May 2019 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)DL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.9	12.2	36.6

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 6.615 ug/l m
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055394.D
 Acq: 3 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.1	78.3
134	0.0	12.4	37.4#

