

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050429.D
 Acq On : 7 Aug 2018 14:12
 Operator : MD\SY
 Sample : J4297-04
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Manual Integrations
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MMDadoda
 8/8/2018 10:47:19 AM

Quant Time: Aug 08 06:03:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	897335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477460	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	425097	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	379138	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	10.09	98	1363266	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.40	95	488173	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.93	142	8477	2.70	ug/l #	97
16) Acetone	3.83	43	3797	1.18	ug/l	98
17) Carbon Disulfide	4.03	76	7302	0.33	ug/l	99
18) Methyl Acetate	4.33	43	20077	2.94	ug/l	100
39) Methylcyclohexane	9.08	83	9551	0.83	ug/l #	83
73) Isopropylbenzene	12.25	105	9447	0.26	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	14325	0.49	ug/l	97
85) sec-Butylbenzene	13.17	105	47576	1.41	ug/l #	65
89) n-Butylbenzene	13.62	91	84685m	3.43	ug/l	

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

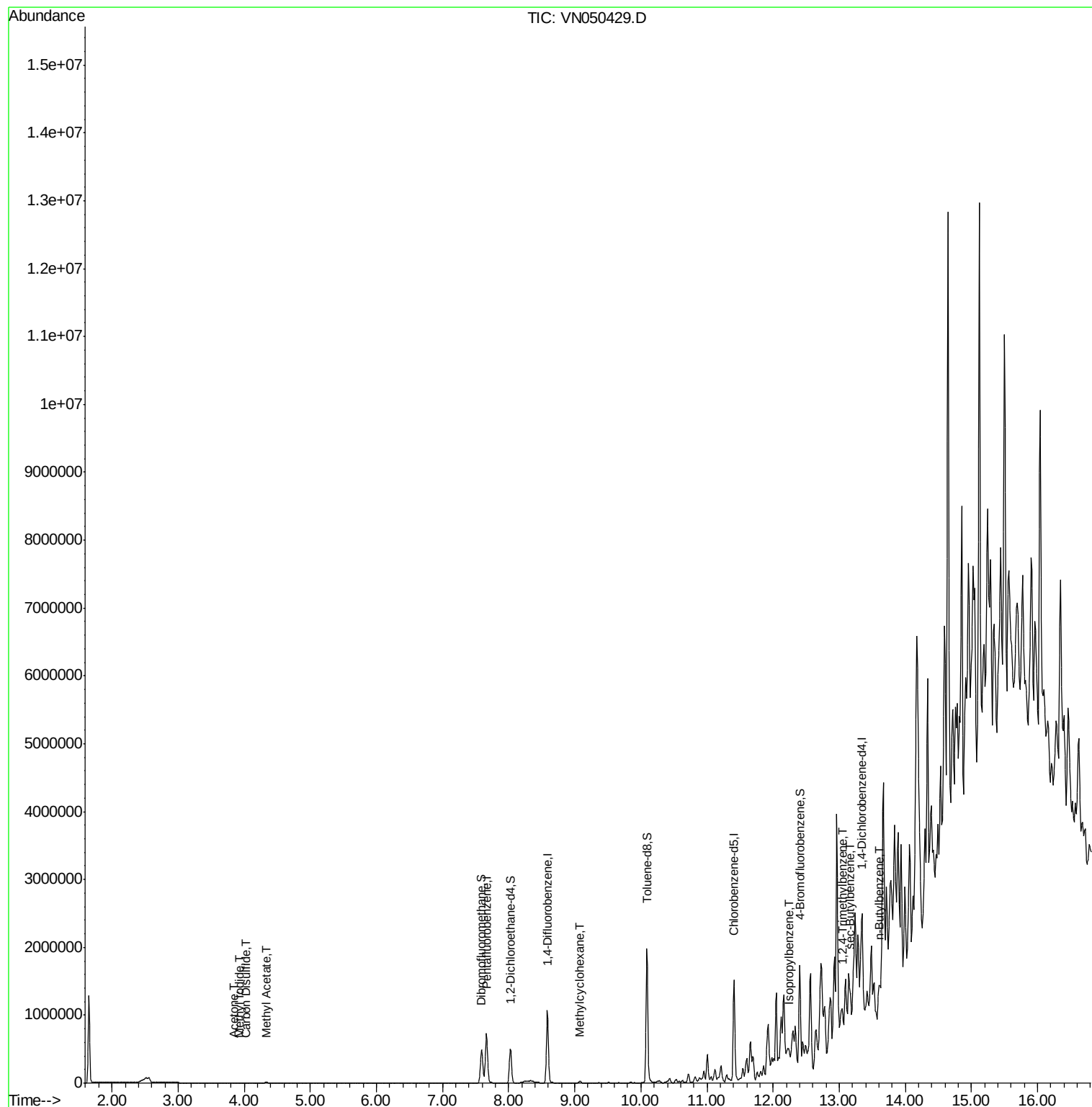
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
Data File : VN050429.D
Acq On : 7 Aug 2018 14:12
Operator : MD\SY
Sample : J4297-04
Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

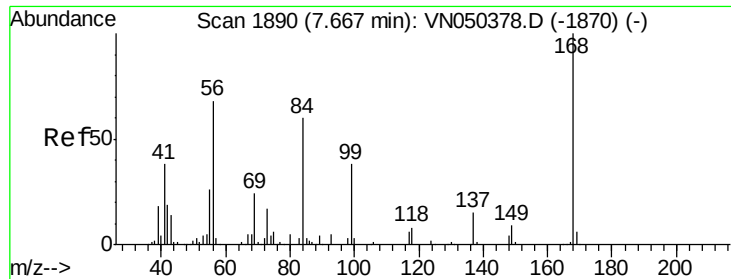
Instrument :
MSVOA_N
ClientSampleId :
TP-4

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8/8/2018 10:47:19 AM

Quant Time: Aug 08 06:03:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-4

Tot Ion:168 Resp: 621226

Ion Ratio Lower Upper

168 100

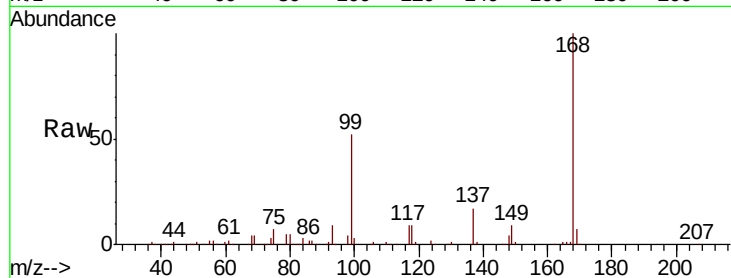
99 52.0 40.0 60.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

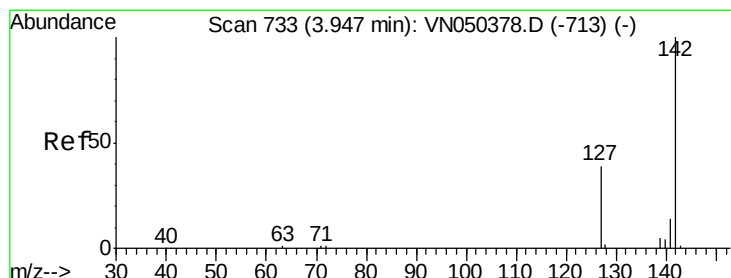
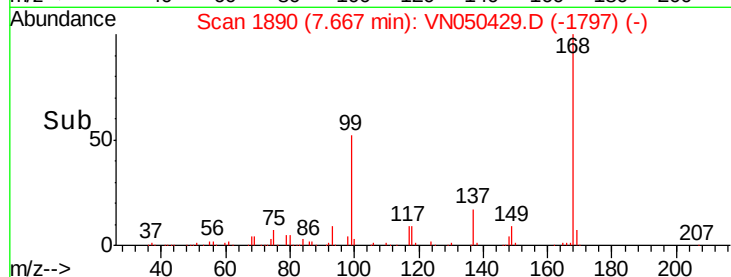
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#10

Methyl Iodide

Concen: 2.70 ug/l

RT: 3.93 min Scan# 729

Delta R.T. -0.01 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

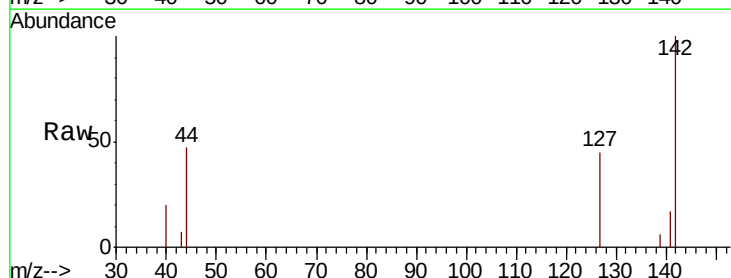
Tgt Ion:142 Resp: 8477

Ion Ratio Lower Upper

142 100

127 41.1 33.4 50.2

141 11.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.93

4000

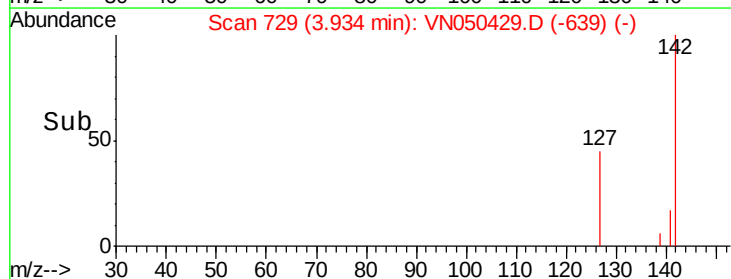
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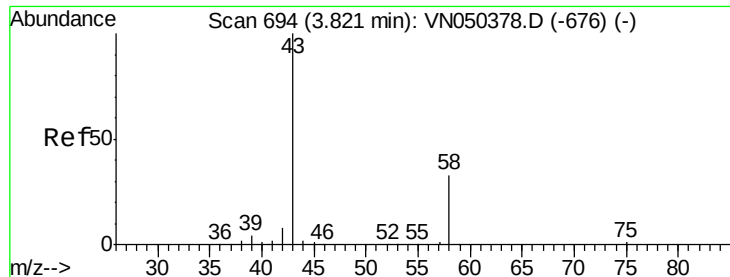
2000

1000

0

Time--> 3.85 3.90 3.95 4.00





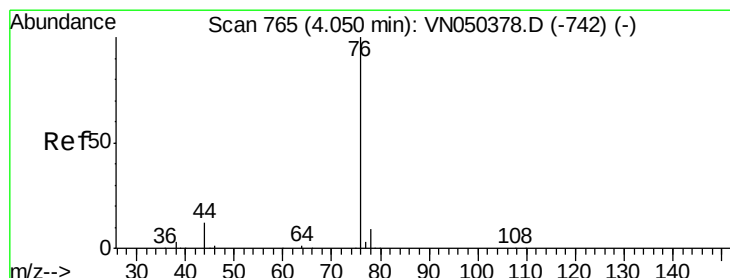
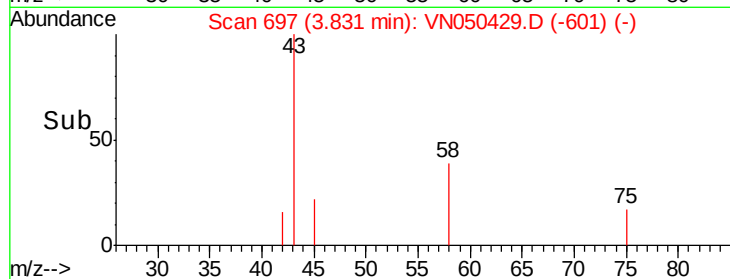
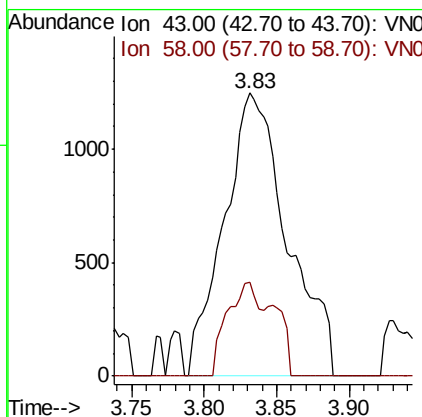
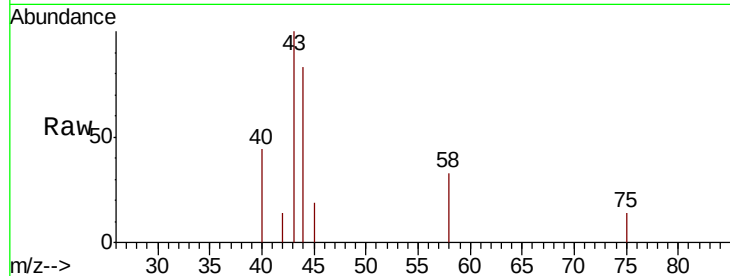
#16
Acetone
Concen: 1.18 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.8	38.8

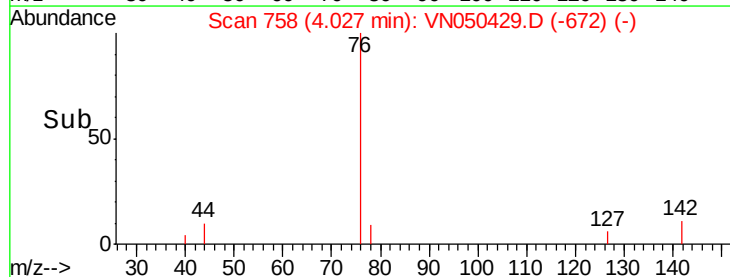
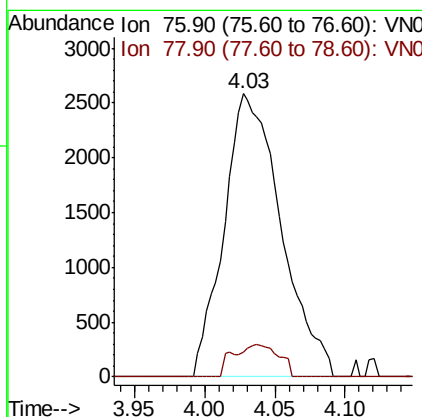
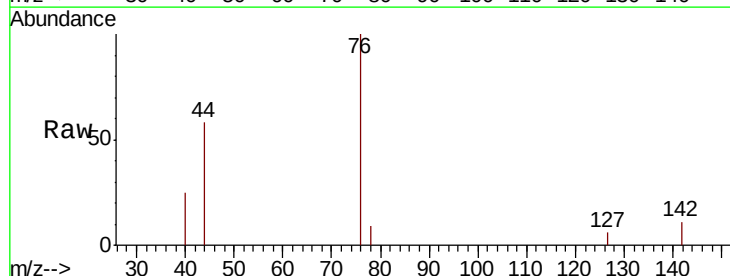
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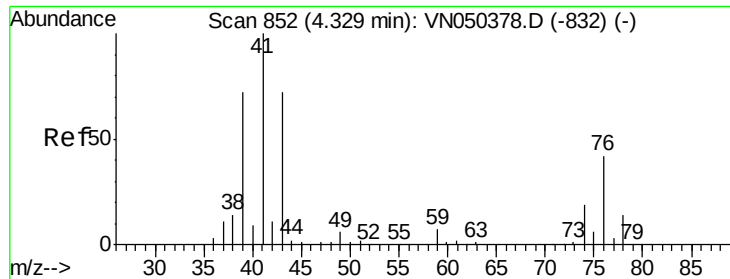
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#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 4.03 min Scan# 758
Delta R.T. -0.02 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9





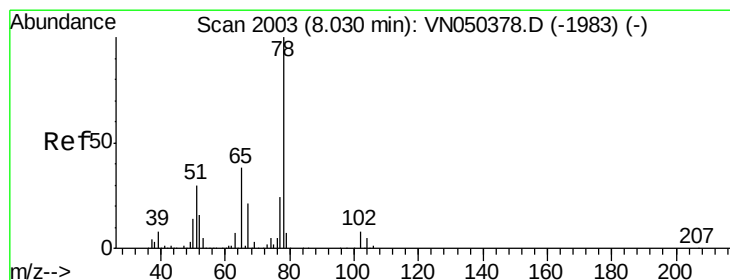
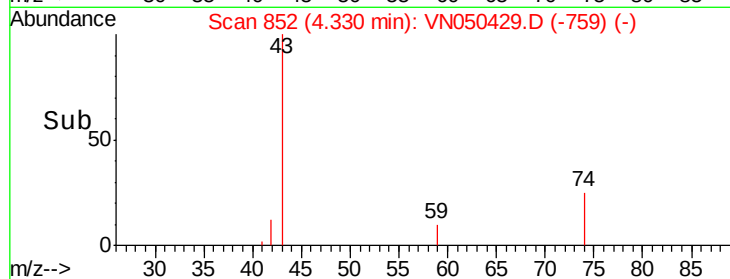
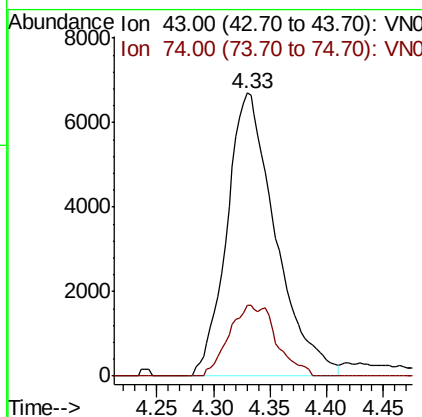
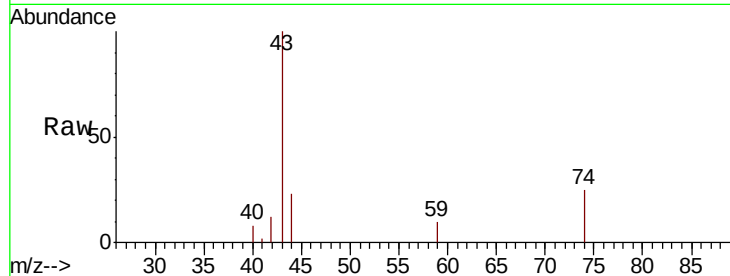
#18
Methvl Acetate
Concen: 2.94 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion: 43 Resp: 20077
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

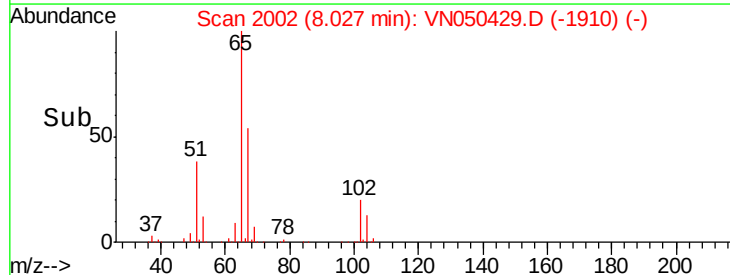
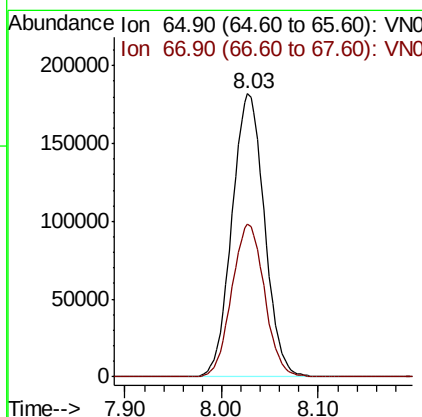
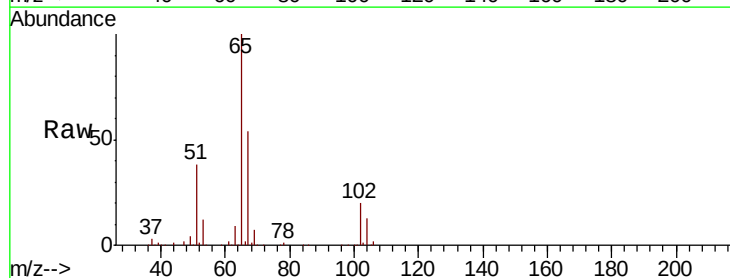
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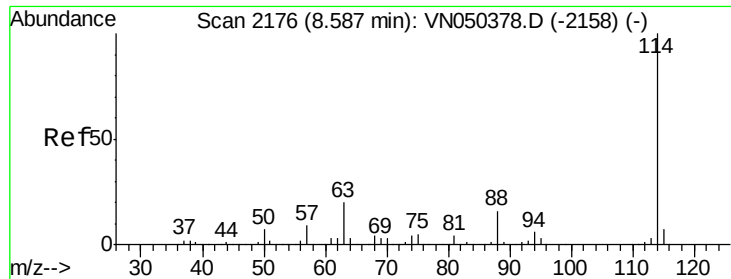
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#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 65 Resp: 425097
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

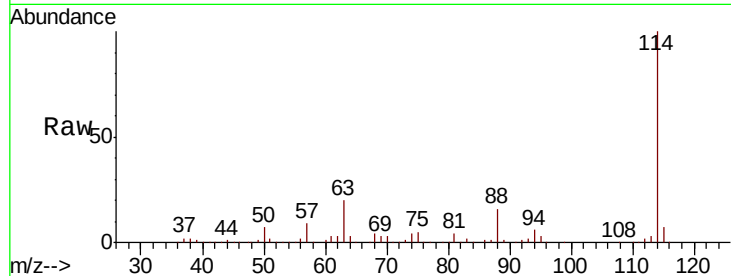
ClientSampled :

TP-4

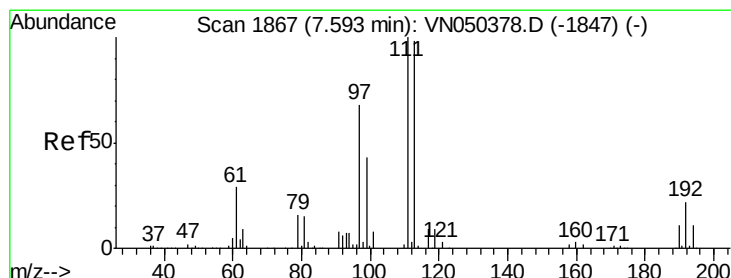
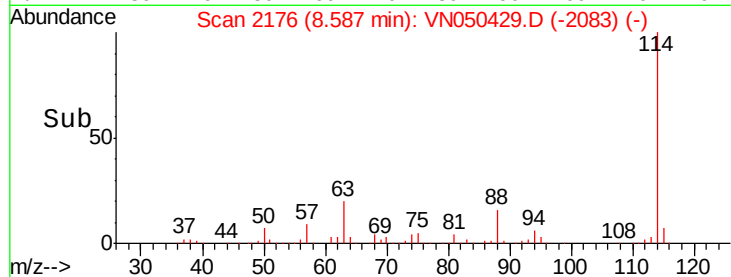
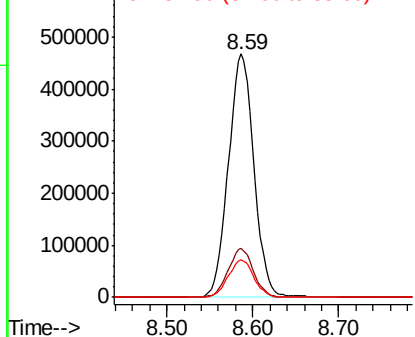
Tot Ion:	114	Resp:	962509
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	40.0
88	15.6	0.0	31.2

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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: 49.09 ug/l

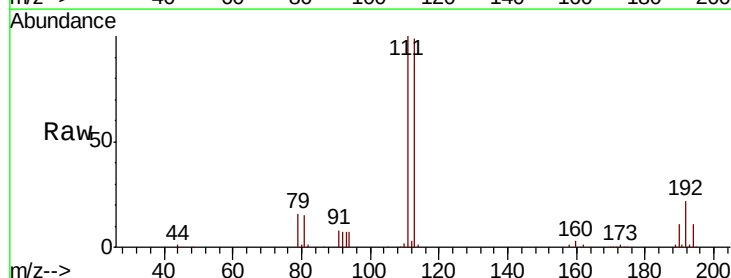
RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

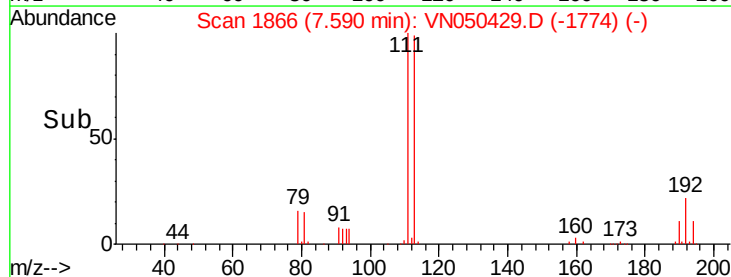
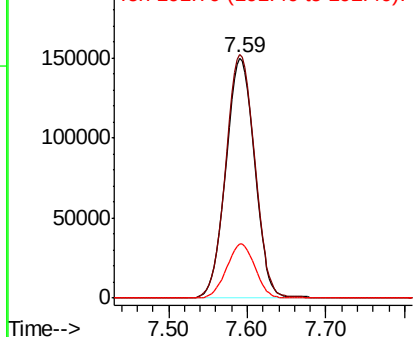
Lab File: VN050429.D

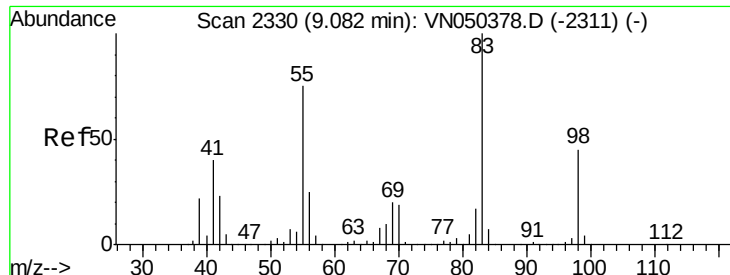
Acq: 7 Aug 2018 14:12

Tgt Ion:	113	Resp:	379138
Ion Ratio	Lower	Upper	
113	100		
111	102.4	80.7	121.1
192	22.3	17.8	26.6



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





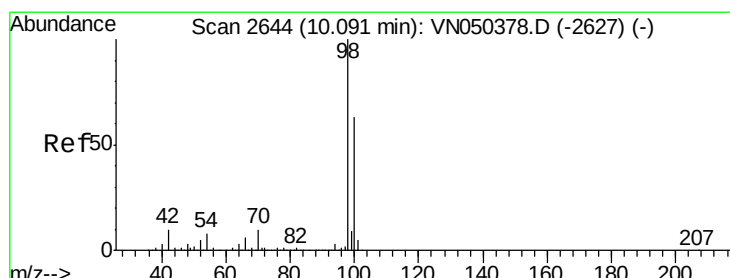
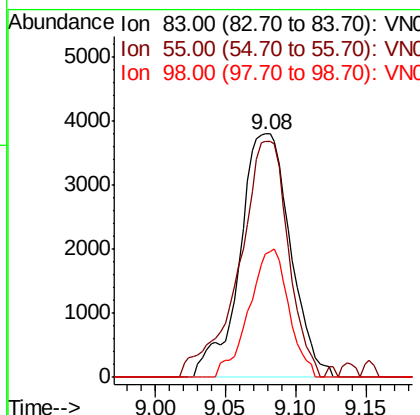
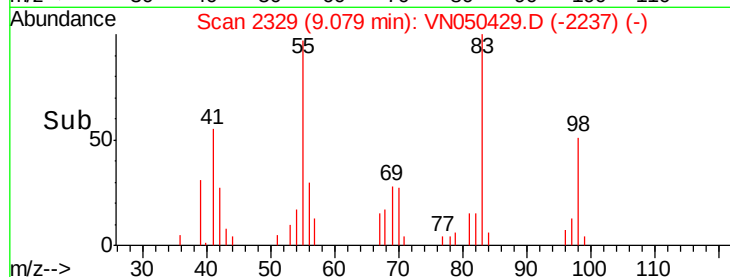
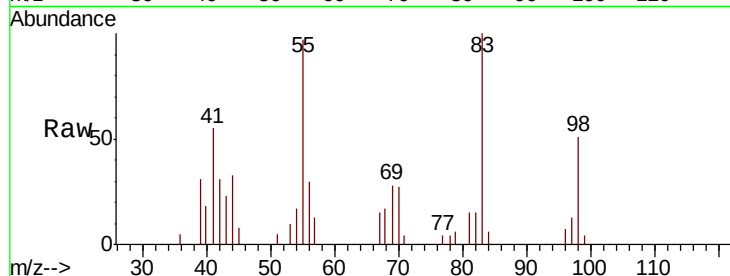
#39
Methylvlcyclohexane
Concen: 0.83 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.7	61.8	92.8#
98	50.6	36.5	54.7

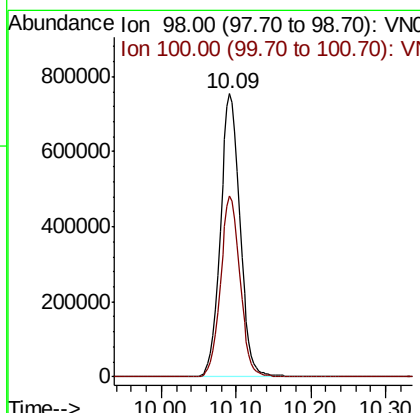
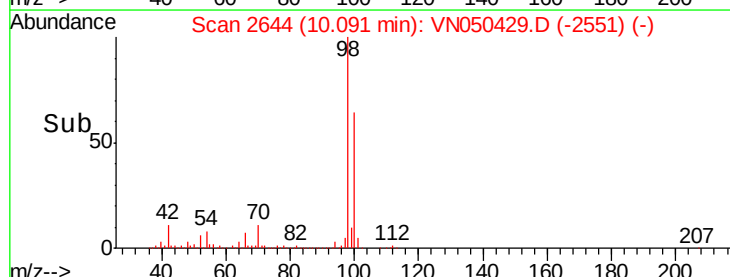
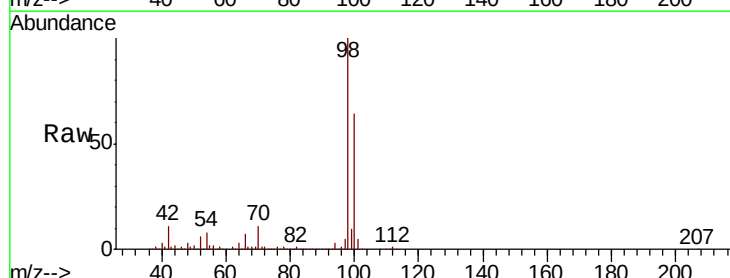
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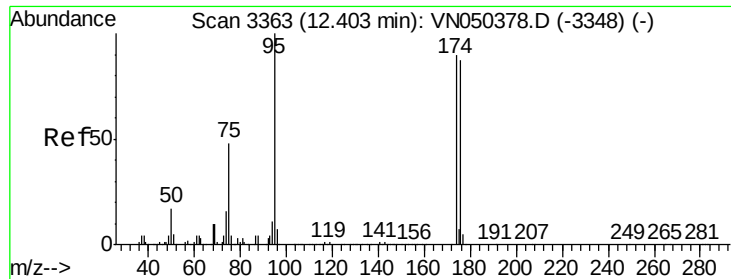
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#50
Toluene-d8
Concen: 46.95 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1





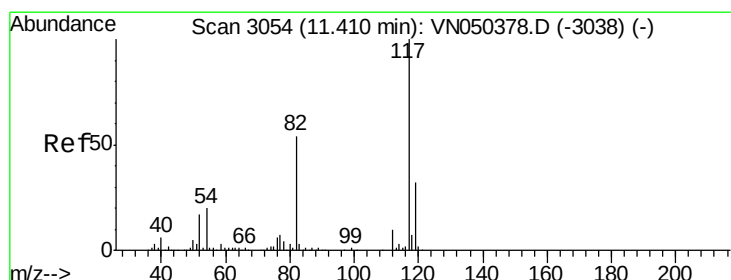
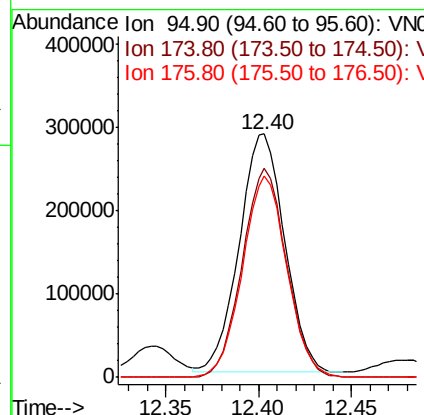
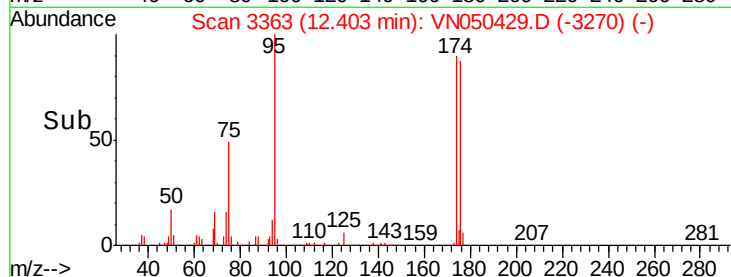
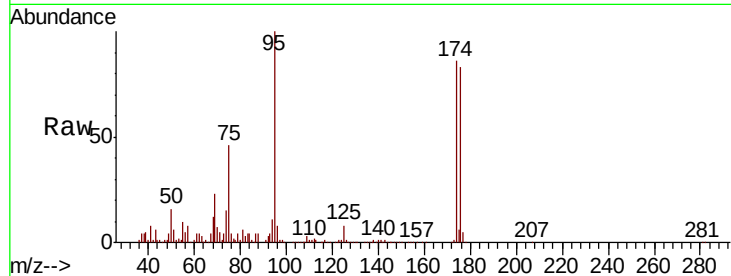
#62
4-Bromofluorobenzene
Concen: 49.33 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
95	100	488173		
174	85.4	0.0	178.2	
176	82.5	0.0	173.4	

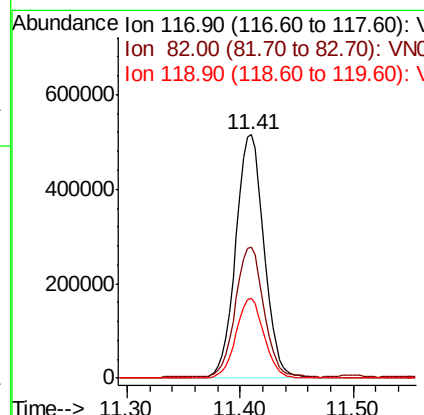
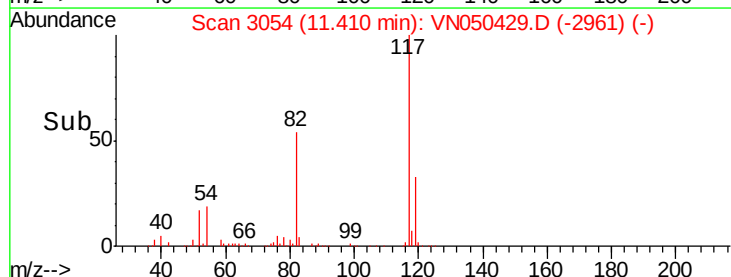
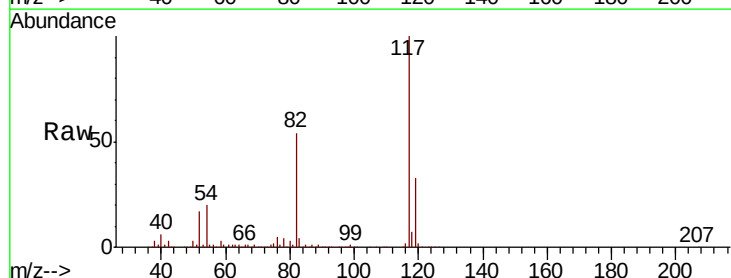
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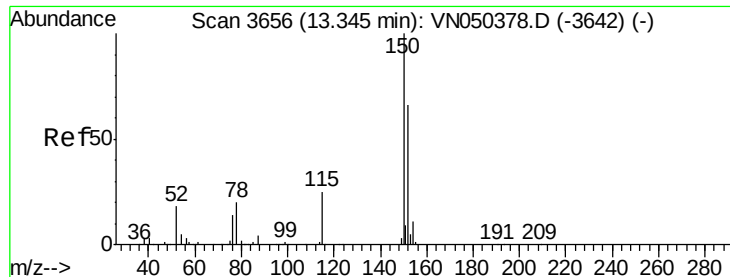
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	897335		
82	53.2	43.7	65.5	
119	32.6	26.1	39.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

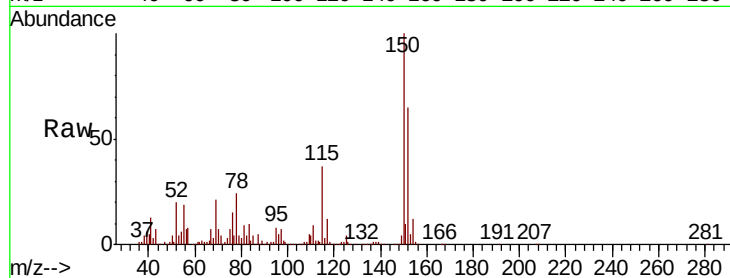
ClientSampled :

TP-4

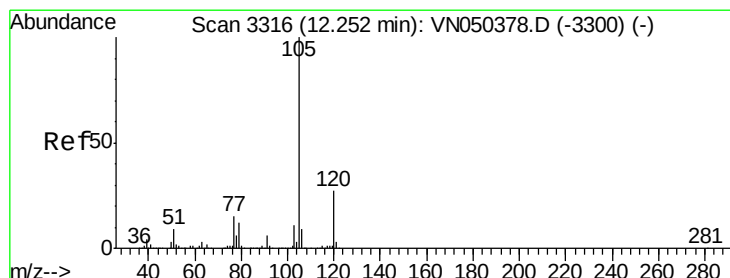
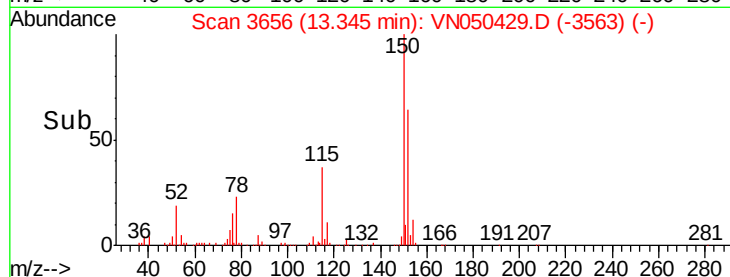
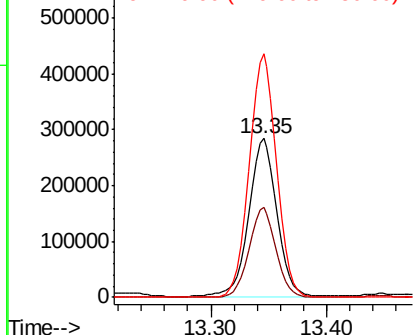
Tot Ion:	152	Resp:	477460
Ion Ratio	Lower	Upper	
152	100		
115	54.1	27.8	83.3
150	148.8	0.0	348.6

Manual Integrations
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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: 0.26 ug/l

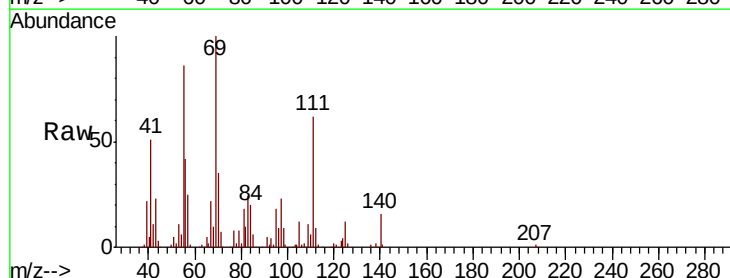
RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

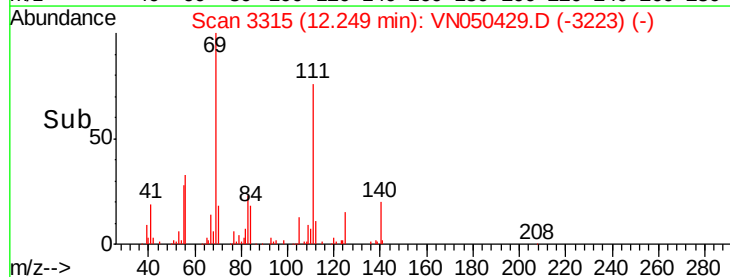
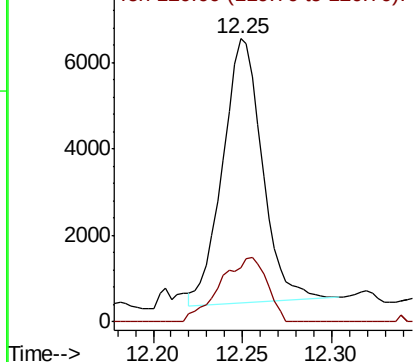
Lab File: VN050429.D

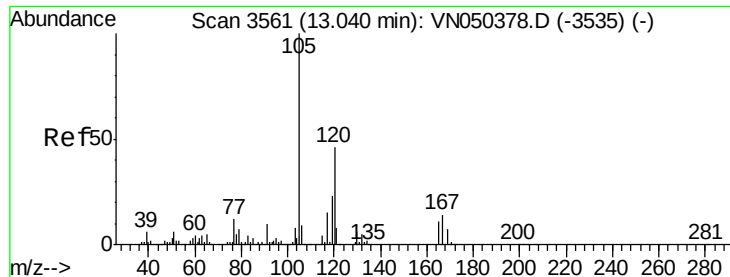
Acq: 7 Aug 2018 14:12

Tgt Ion:	105	Resp:	9447
Ion Ratio	Lower	Upper	
105	100		
120	28.9	13.3	39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





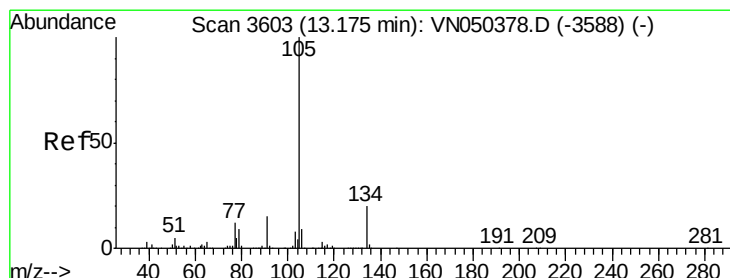
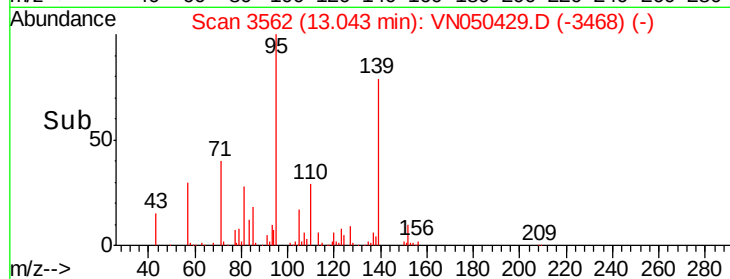
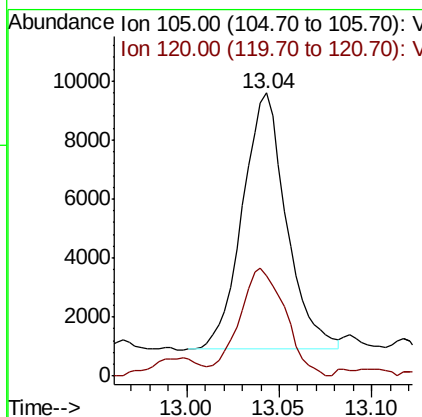
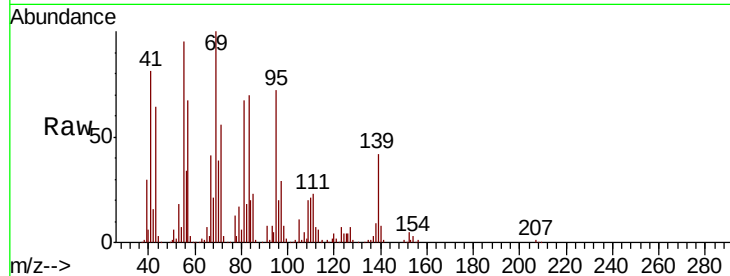
#84
 1,2,4-Trimethylbenzene
 Concen: 0.49 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.9	68.7

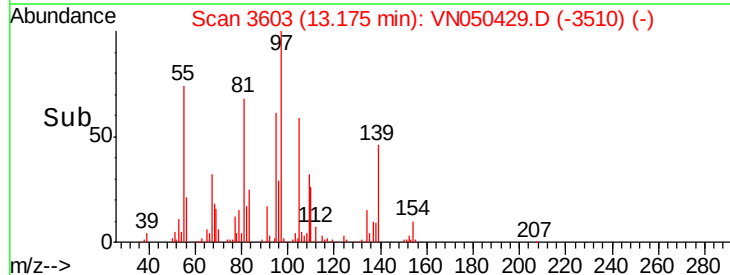
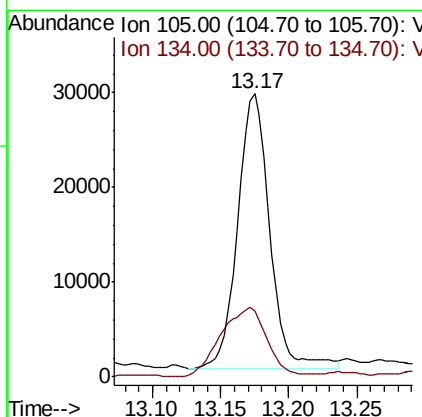
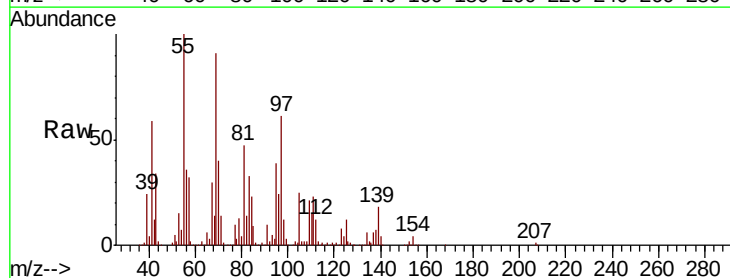
Manual Integrations
 APPROVED

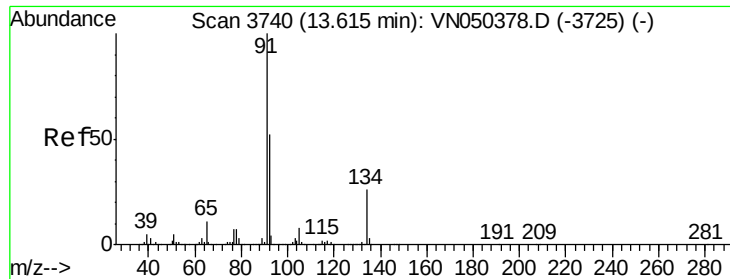
MMDadoda
 8/8/2018 10:47:19 AM



#85
 sec-Butylbenzene
 Concen: 1.41 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion	Ratio	Lower	Upper
105	100		
134	36.3	10.1	30.1#





#89
 n-Butylbenzene
 Concen: 3.43 ug/l m
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
91	100		
92	31.5	25.8	77.4
134	0.0	12.8	38.4

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:47:19 AM

