

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054645.D
 Acq On : 24 Mar 2019 13:55
 Operator : JC/SP
 Sample : K2047-07
 Misc : 6.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB445-190320-(17-19)

Manual Integrations
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 3/25/2019 9:54:50 AM

Quant Time: Mar 25 09:35:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	523427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	854872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	343251	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	258719	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1053492	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	340241	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
Target Compounds						
39) Methylcyclohexane	9.08	83	24443	2.673	ug/l #	84
65) Chlorobenzene	11.43	112	690959	45.271	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	21000m	1.972	ug/l	
88) 1,4-Dichlorobenzene	13.36	146	52046	5.024	ug/l #	86
89) n-Butylbenzene	13.62	91	16200	1.005	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	73604	7.137	ug/l	89

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

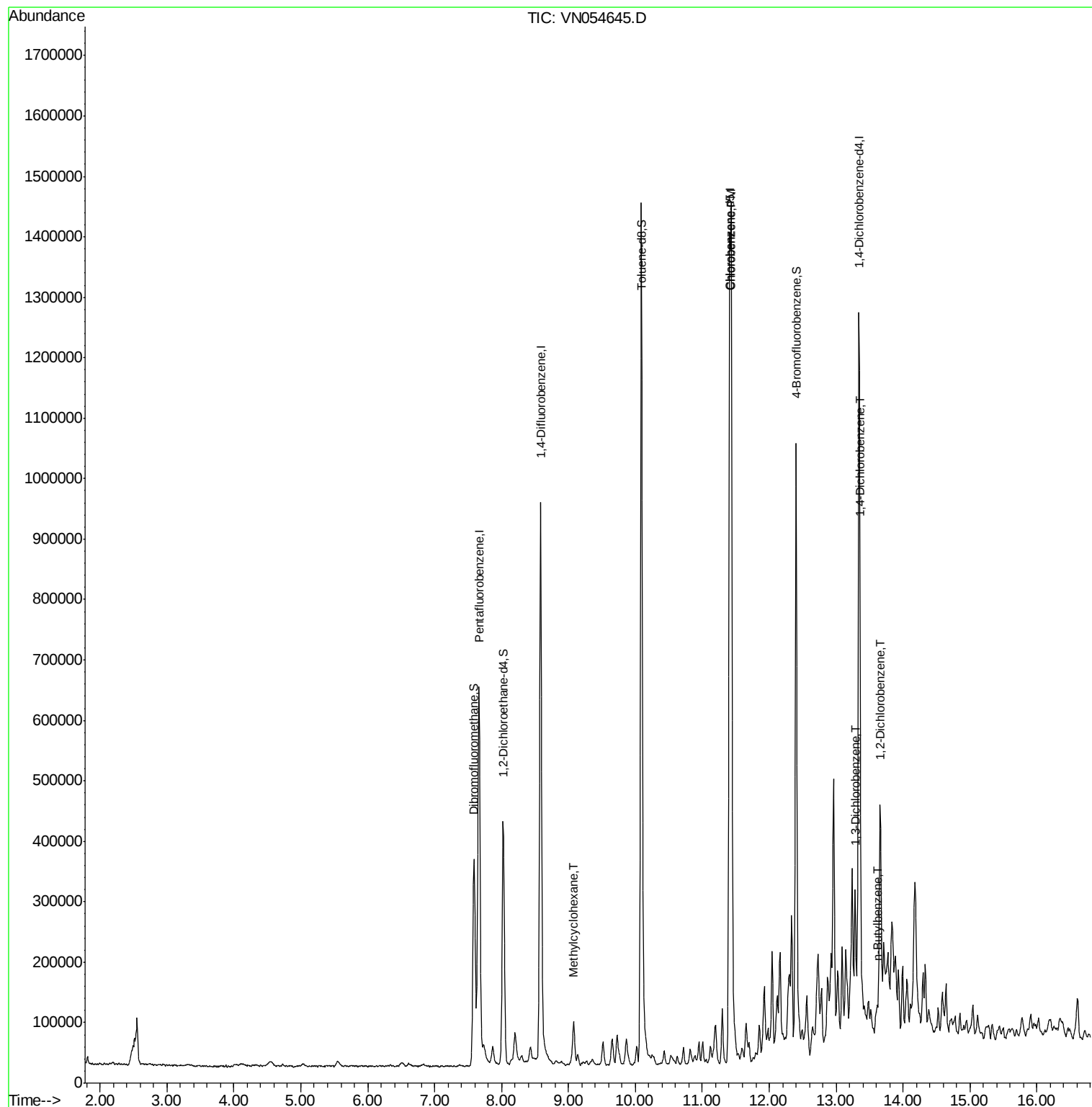
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032419\
Data File : VN054645.D
Acq On : 24 Mar 2019 13:55
Operator : JC/SP
Sample : K2047-07
Misc : 6.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

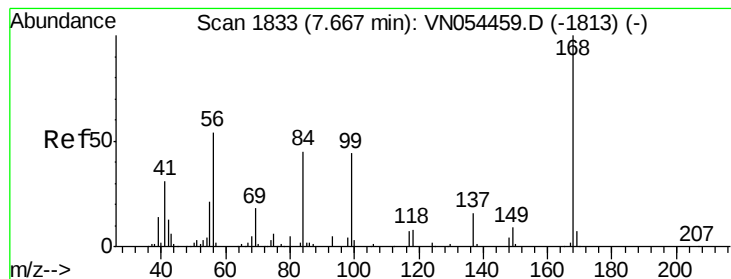
Instrument :
MSVOA_N
ClientSampleId :
WP022SB445-190320-(17-19)

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Quant Time: Mar 25 09:35:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

WP022SB445-190320-(17-19)

Tot Ion:168 Resp: 523427

Ion Ratio Lower Upper

168 100

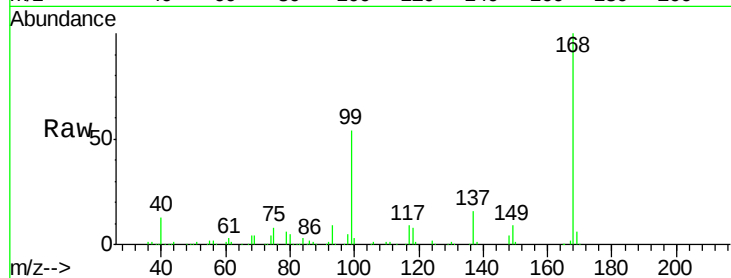
99 54.2 37.1 55.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

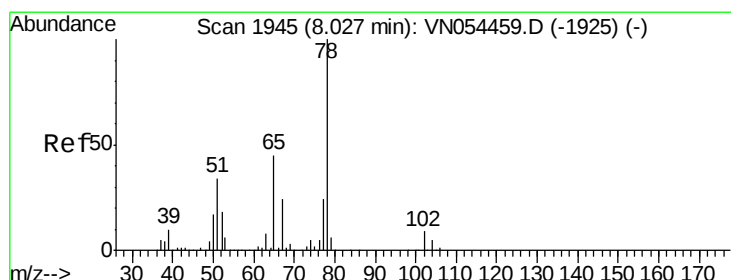
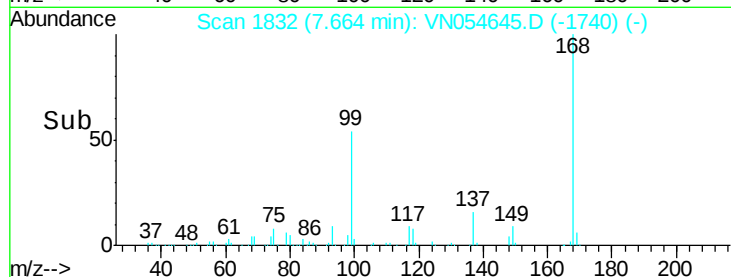
50000

0

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.722 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054645.D

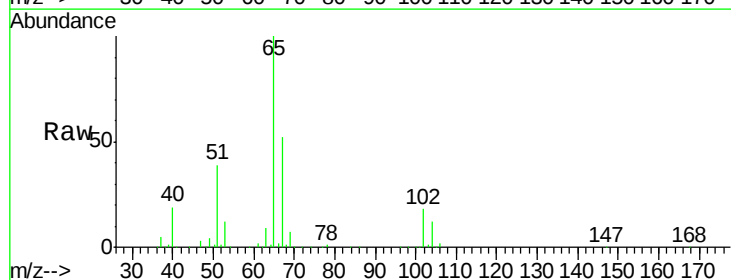
Acq: 24 Mar 2019 13:55

Tgt Ion: 65 Resp: 343251

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

150000

100000

50000

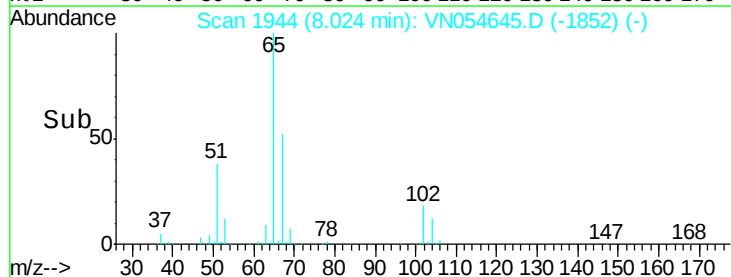
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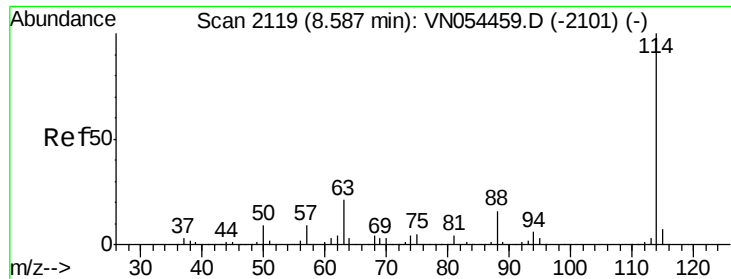
7.90

8.00

8.10

Time-->





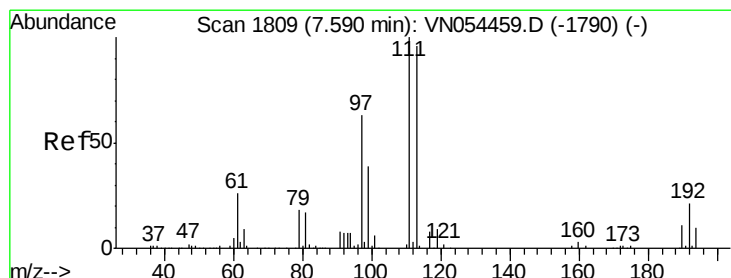
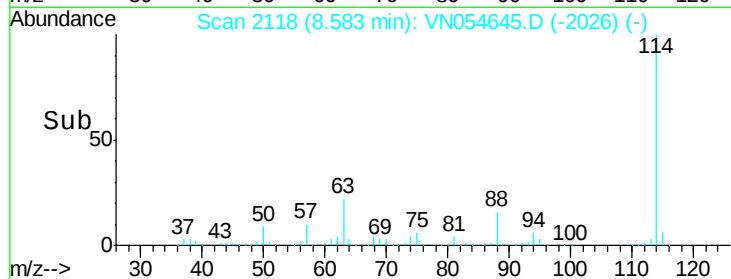
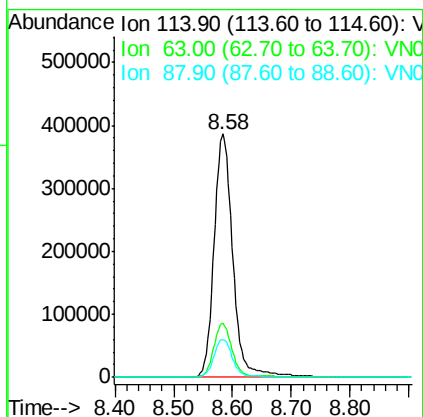
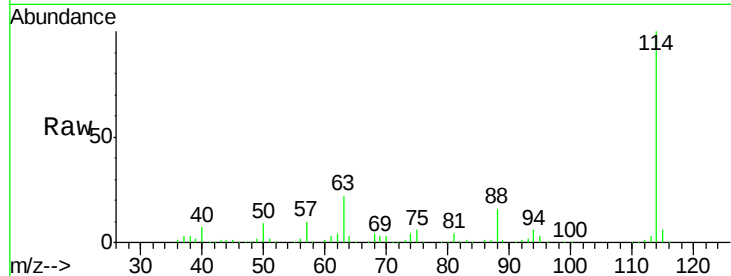
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
114	100	854872		
63	22.1	0.0	35.2	
88	15.6	0.0	30.2	

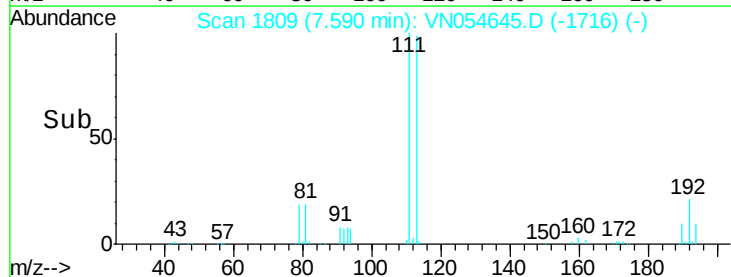
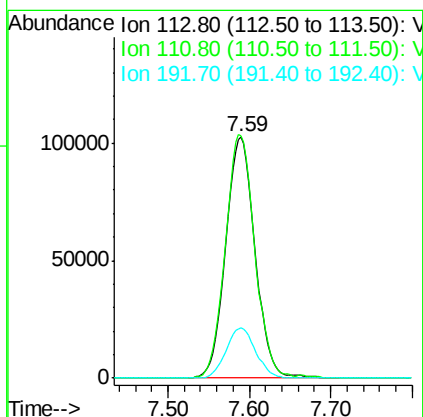
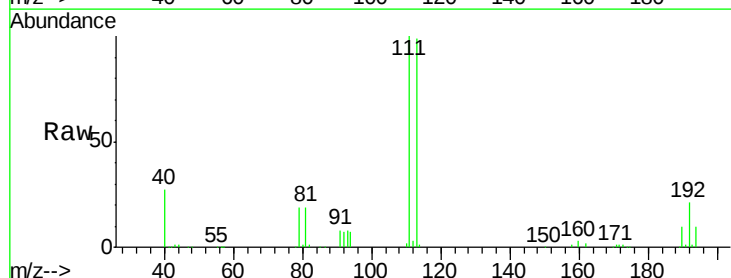
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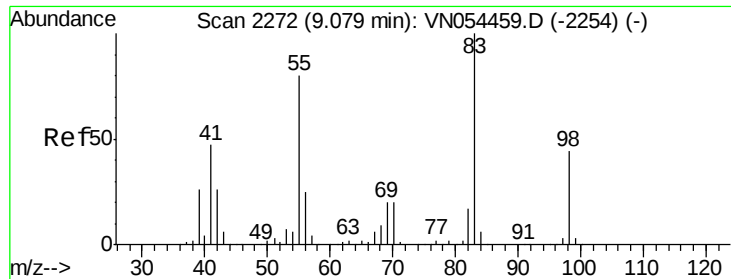
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#35
 Dibromofluoromethane
 Concen: 46.976 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	258719		
111	101.4	82.2	123.4	
192	20.9	19.2	28.8	





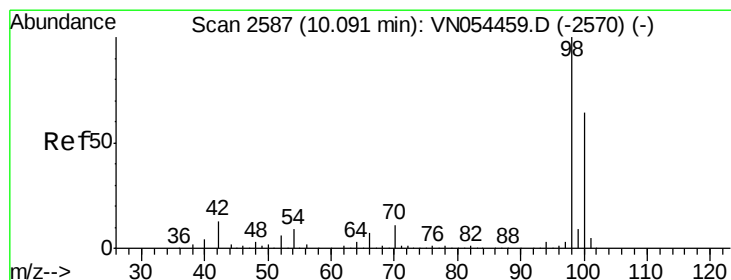
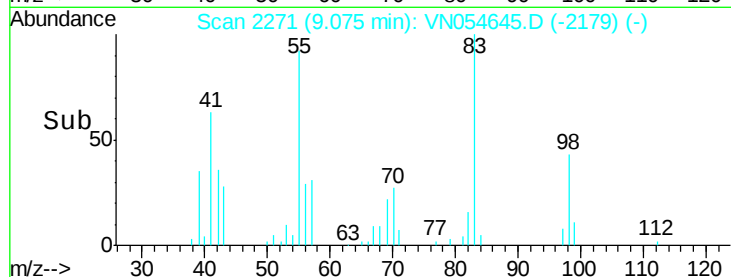
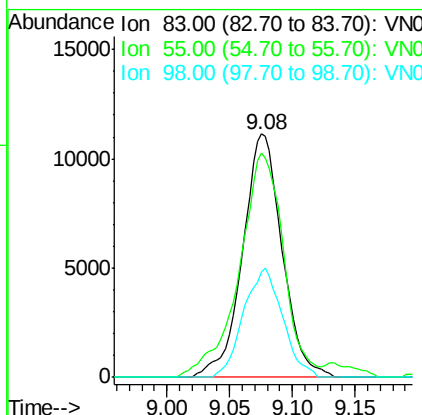
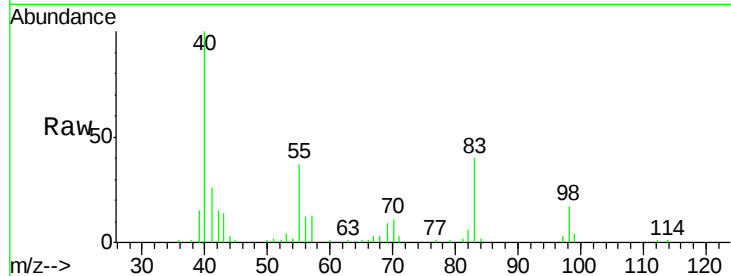
#39
Methvlcvclohexane
Concen: 2.673 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
83	100		
55	89.1	56.6	84.8#
98	43.2	38.4	57.6

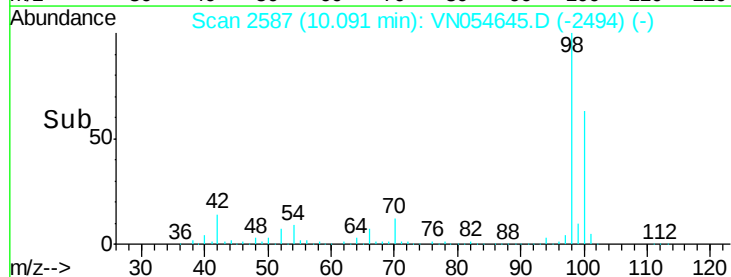
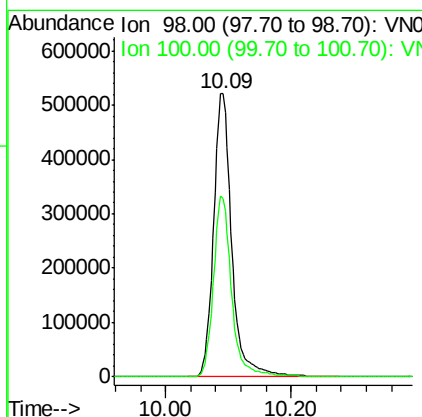
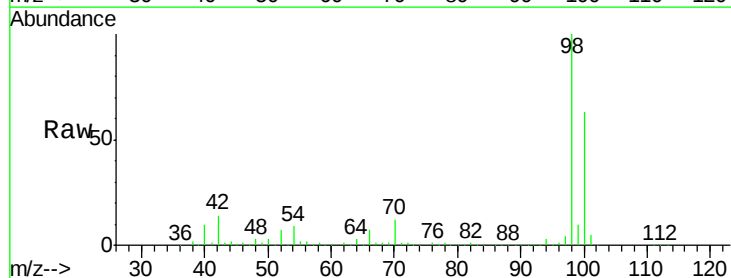
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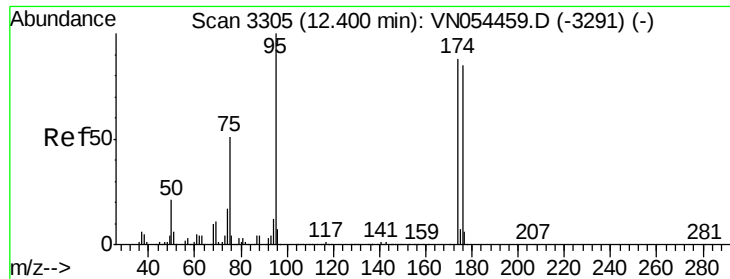
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#50
Toluene-d8
Concen: 50.881 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

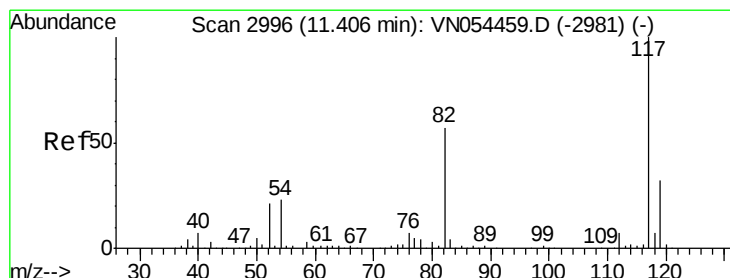
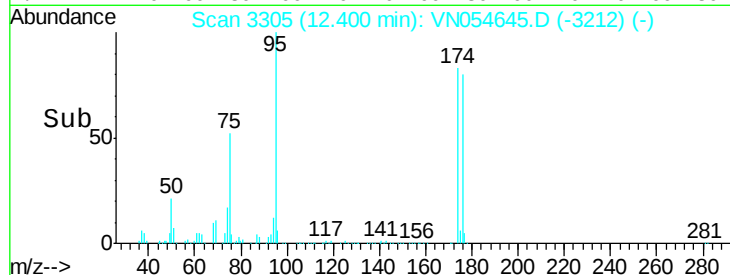
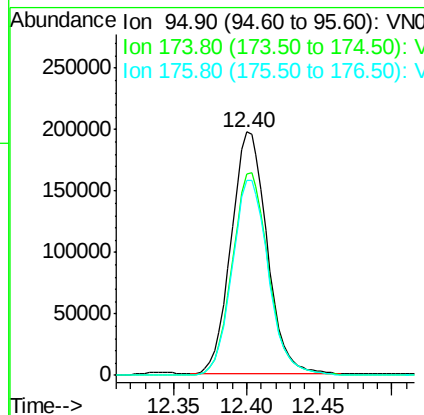
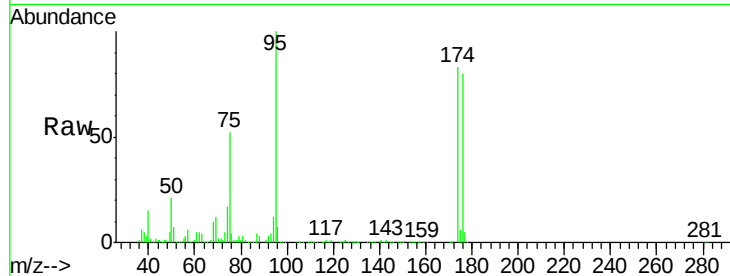
ClientSampleId :

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Tot Ion:	95	Resp:	340241
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	191.0
176	81.6	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

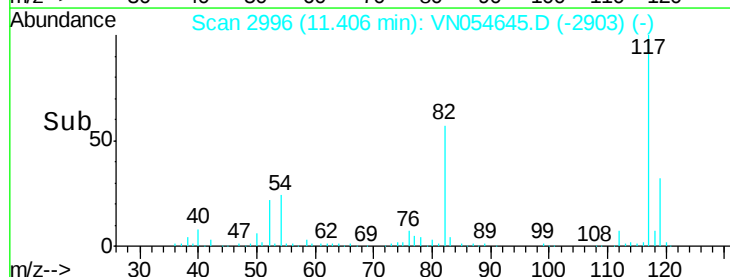
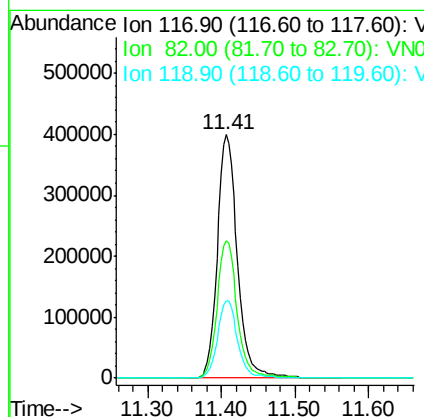
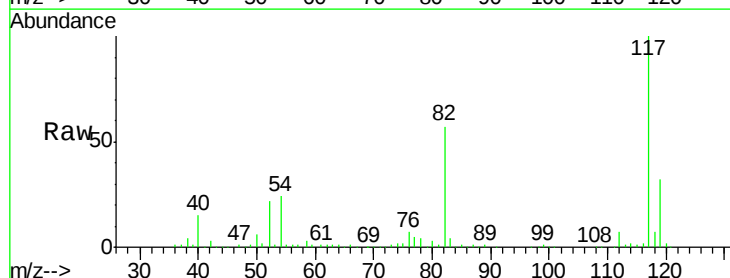
RT: 11.41 min Scan# 2996

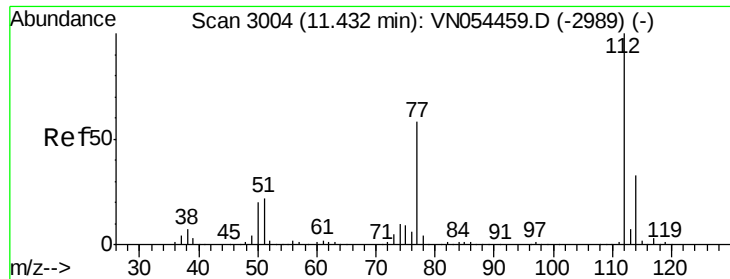
Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	117	Resp:	750421
Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.0	60.0
119	31.8	25.8	38.6





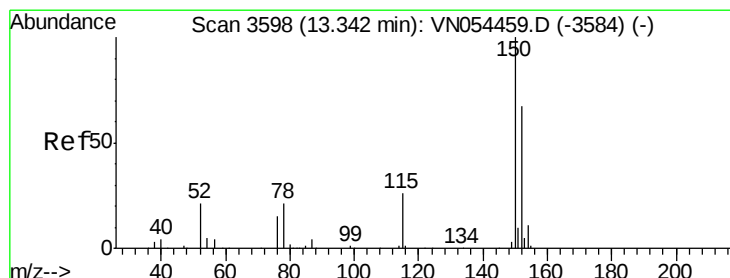
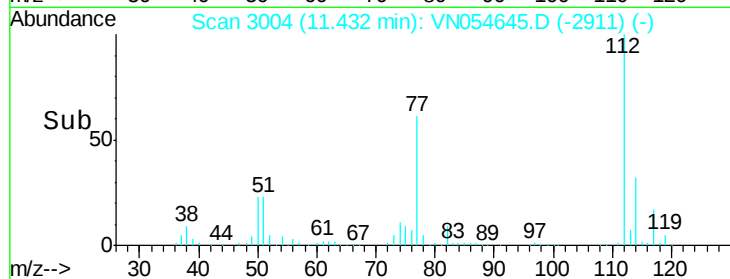
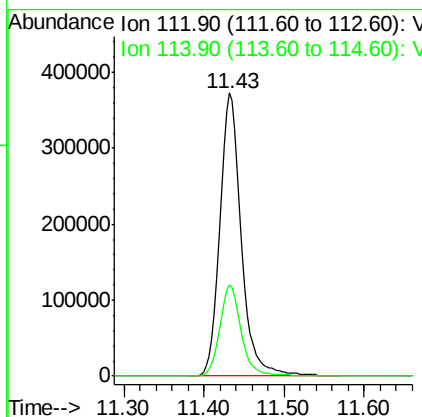
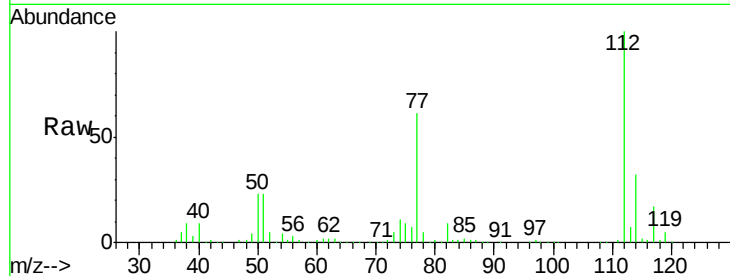
#65
Chlorobenzene
Concen: 45.271 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

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Tot Ion:112 Resp: 690959
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

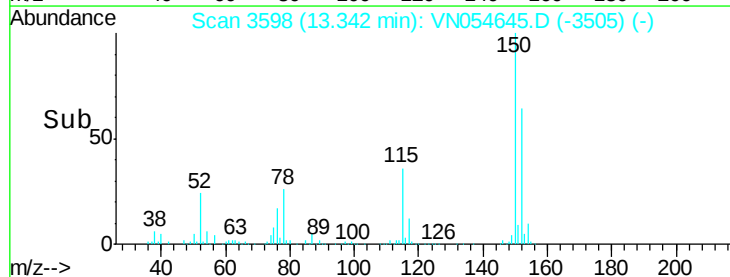
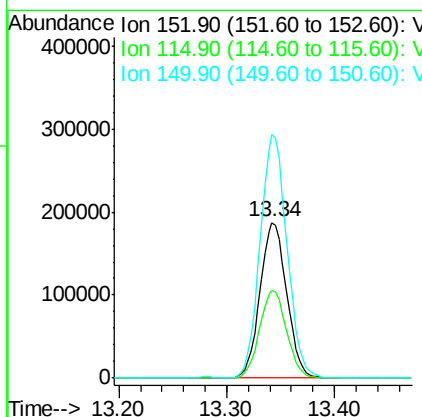
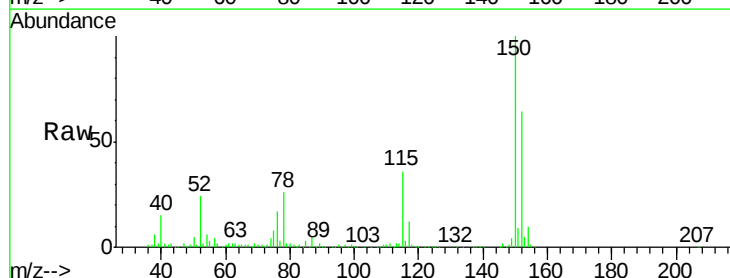
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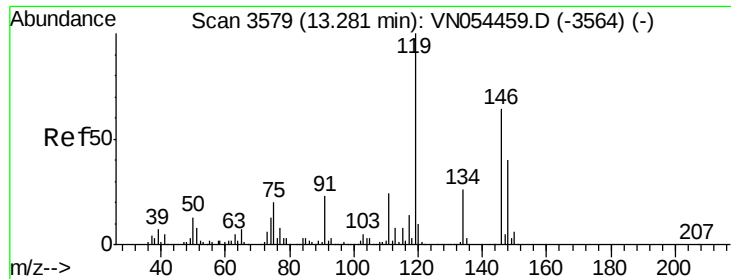
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion:152 Resp: 321471
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 156.9 0.0 349.2





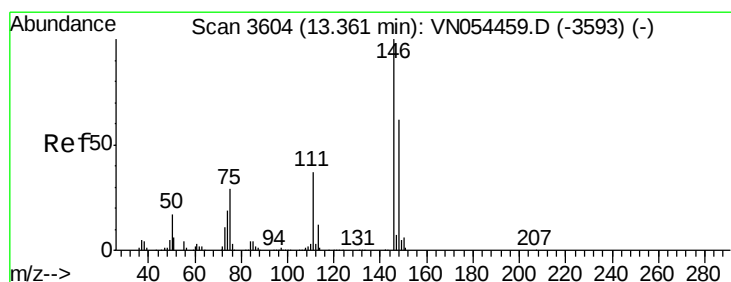
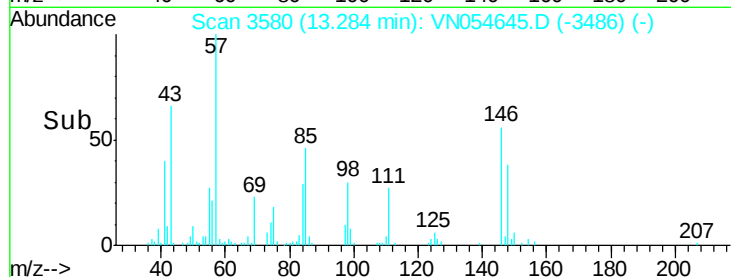
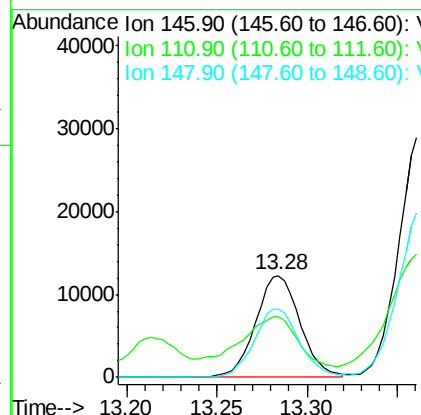
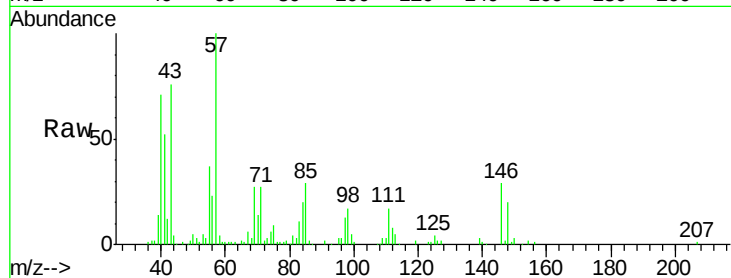
#87
 1,3-Dichlorobenzene
 Concen: 1.972 ug/l m
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	134.7	18.8	56.3#
148	167.8	32.2	96.6#

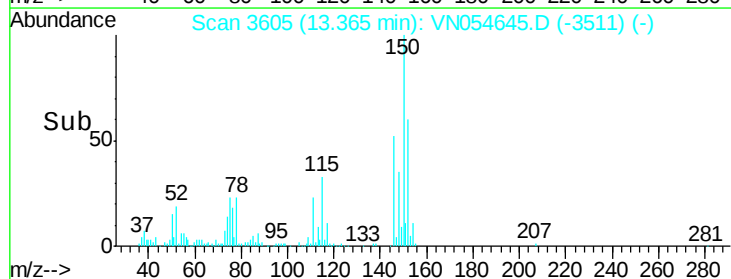
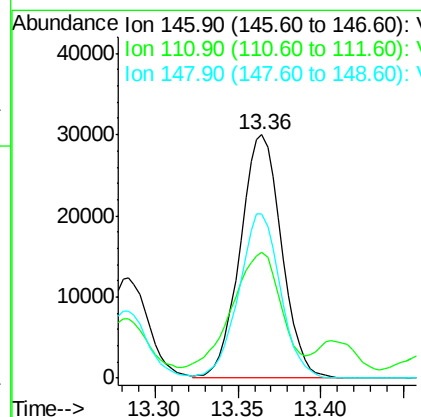
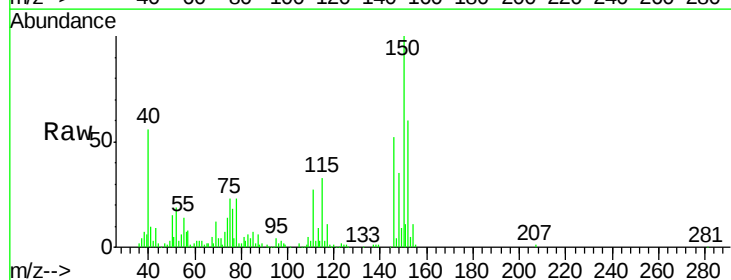
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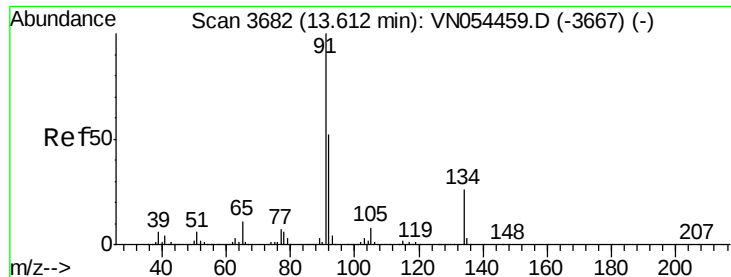
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 3/25/2019 9:54:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 5.024 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.3	18.1	54.1#
148	67.7	32.0	96.0





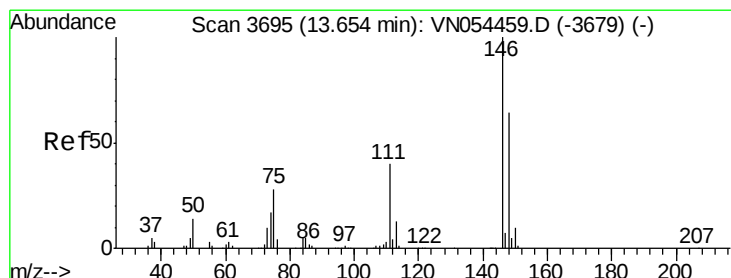
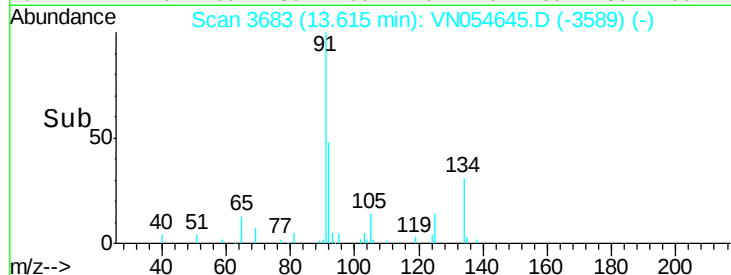
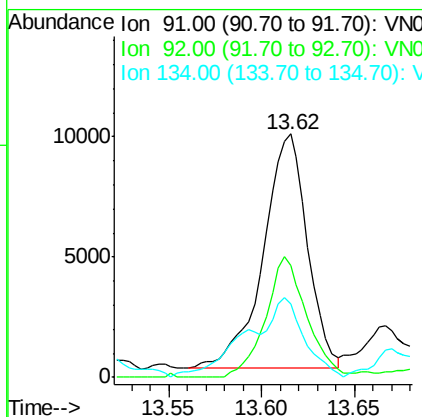
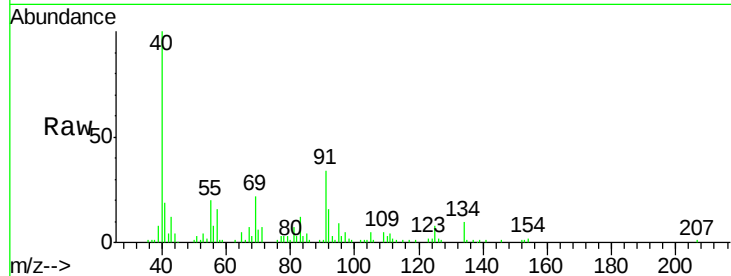
#89
n-Butylbenzene
Concen: 1.005 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:	91	Resp:	16200
Ion	Ratio	Lower	Upper
91	100		
92	47.8	26.2	78.6
134	26.2	14.3	42.9

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#91
1,2-Dichlorobenzene
Concen: 7.137 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion:	146	Resp:	73604
Ion	Ratio	Lower	Upper
146	100		
111	52.2	19.1	57.3
148	62.2	32.4	97.0

