

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062654.D
 Acq On : 29 Jul 2020 15:03
 Operator : JC/MD
 Sample : L3464-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32538

Manual Integrations
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Quant Time: Jul 30 04:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	267393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	126366	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	7.55	113	88225	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.06	98	354538	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.38	95	132572	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
16) Acetone	3.78	43	28541	32.914	ug/l	94
17) Carbon Disulfide	4.01	76	8306	1.592	ug/l	97
18) Methyl Acetate	4.28	43	14251	6.492	ug/l	98
20) Methylene Chloride	4.51	84	12357m	5.942	ug/l	
40) Benzene	8.00	78	9898	1.147	ug/l	98
43) Isopropyl Acetate	8.13	43	47759	9.645	ug/l #	89
52) Toluene	10.12	92	10540	2.104	ug/l	97

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

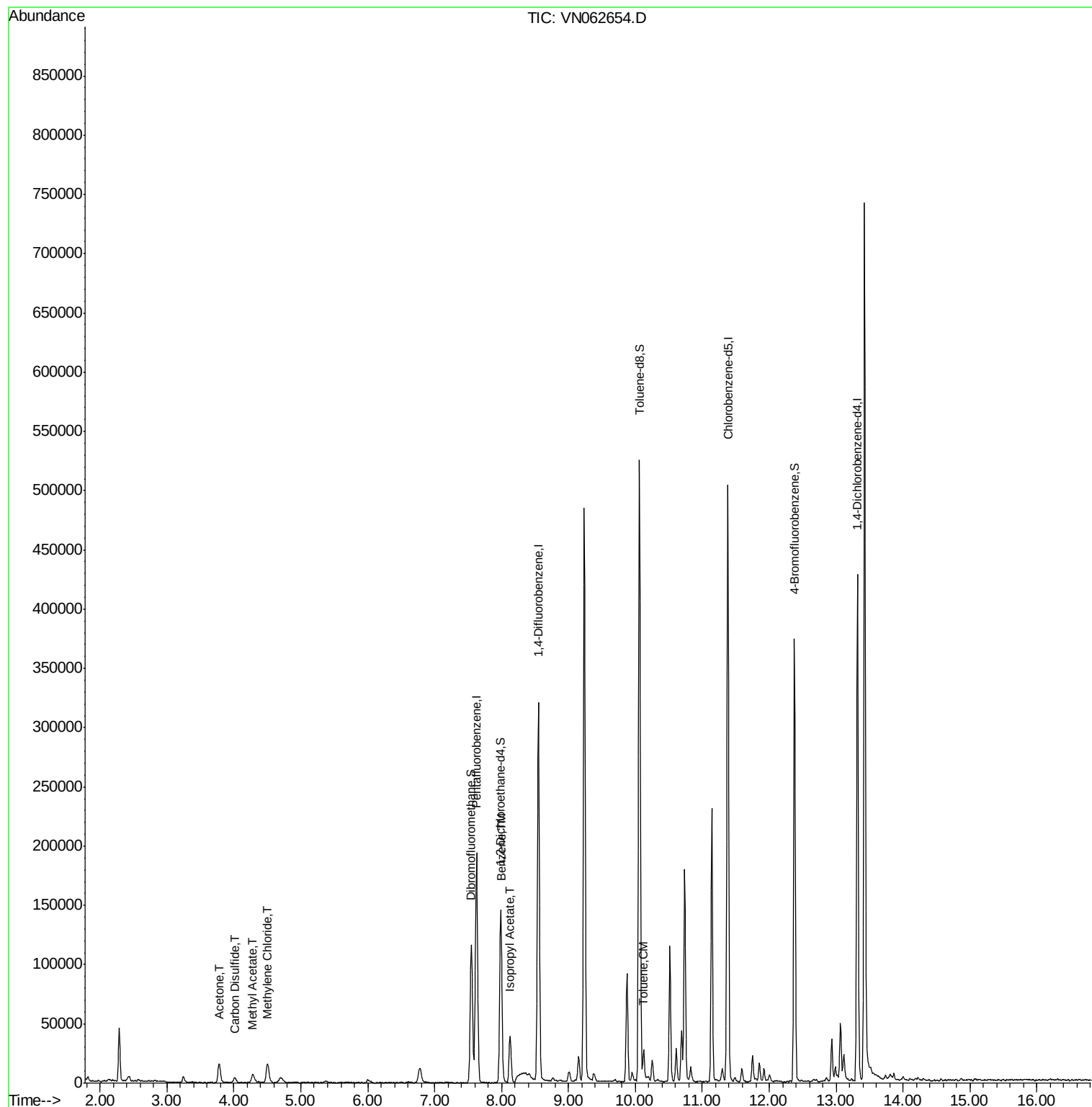
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
Data File : VN062654.D
Acq On : 29 Jul 2020 15:03
Operator : JC/MD
Sample : L3464-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

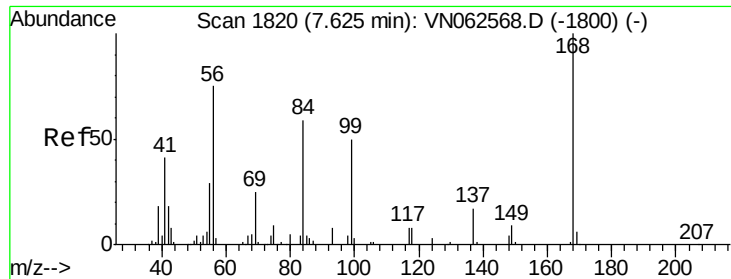
Instrument :
MSVOA_N
ClientSampled :
32538

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Quant Time: Jul 30 04:10:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062654.D

Acq: 29 Jul 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

32538

Tgt Ion: 168 Resp: 148335

Ion Ratio Lower Upper

168 100

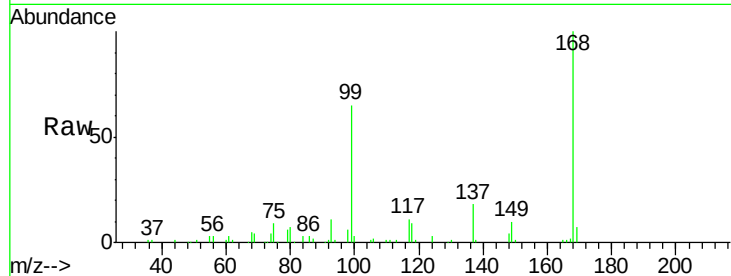
99 65.3 48.4 72.6

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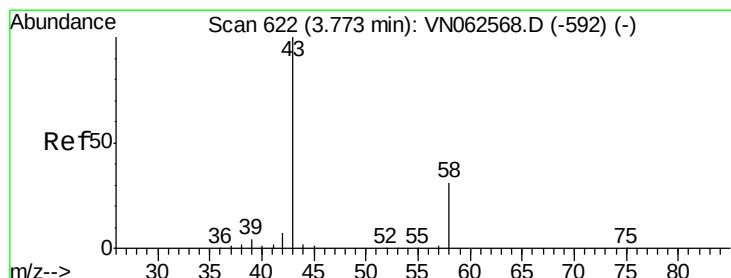
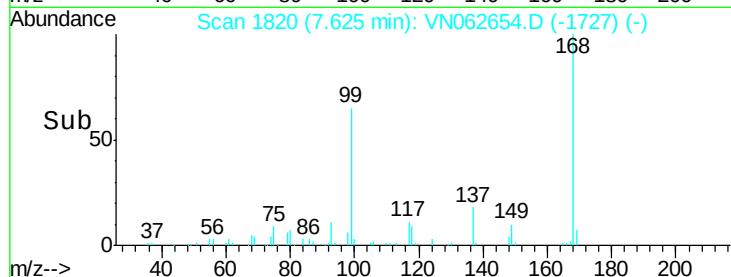
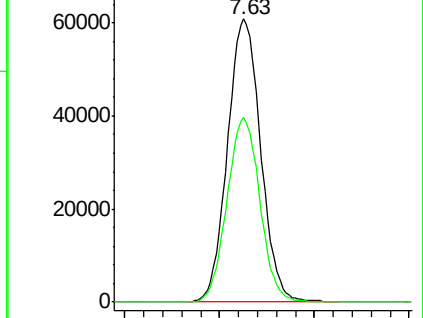
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 32.914 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062654.D

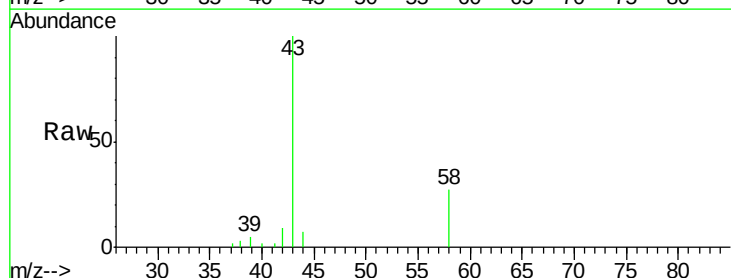
Acq: 29 Jul 2020 15:03

Tgt Ion: 43 Resp: 28541

Ion Ratio Lower Upper

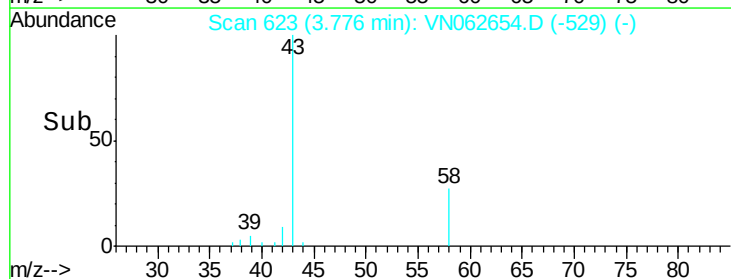
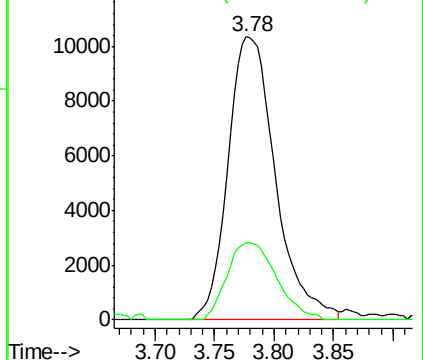
43 100

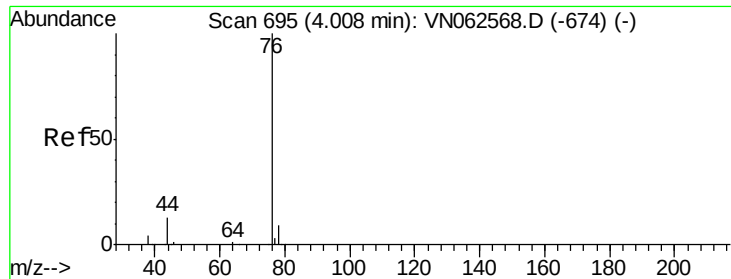
58 27.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





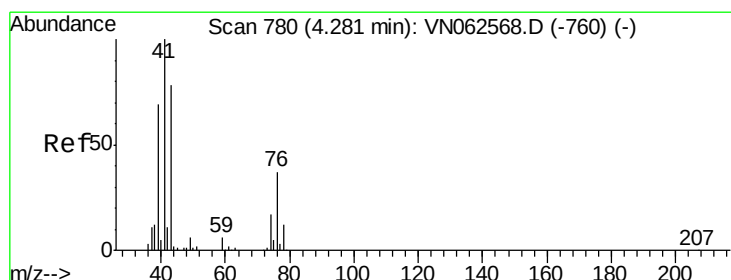
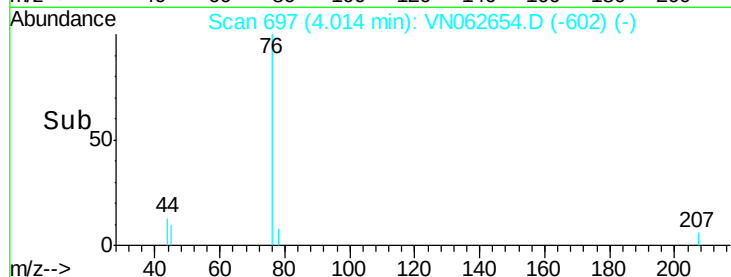
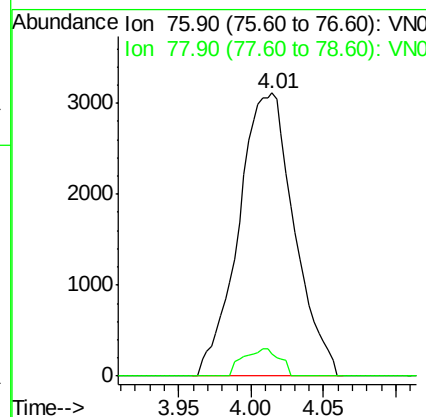
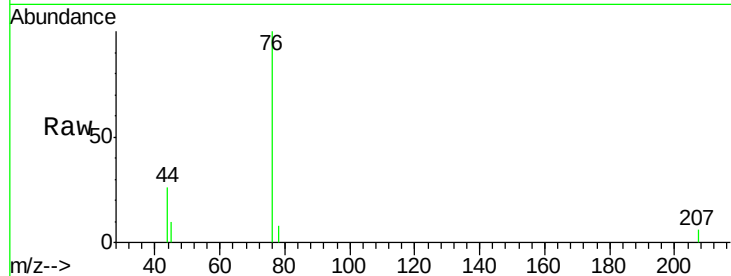
#17
Carbon Disulfide
Concen: 1.592 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :
32538

Tgt Ion: 76 Resp: 8306
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9

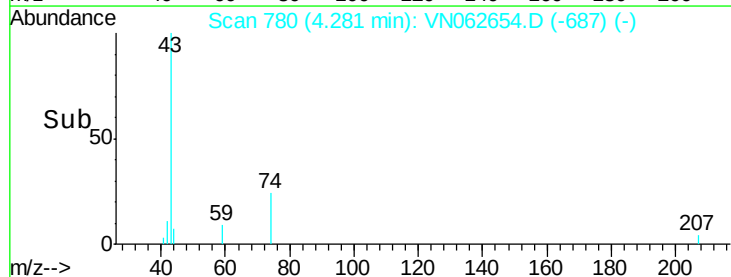
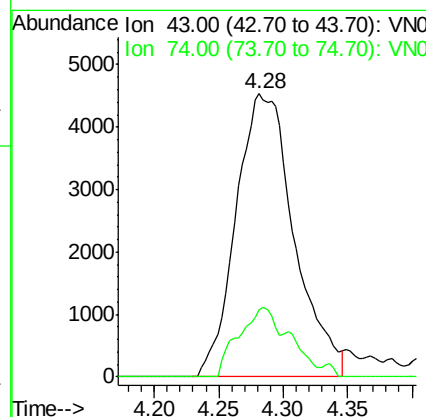
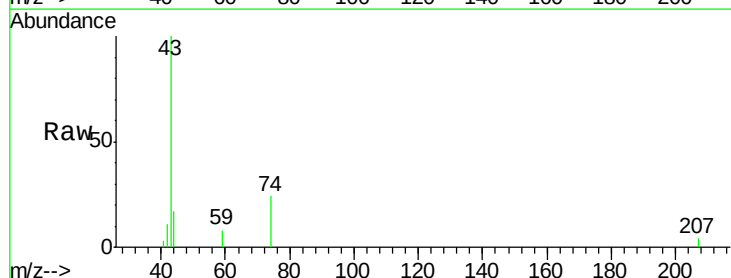
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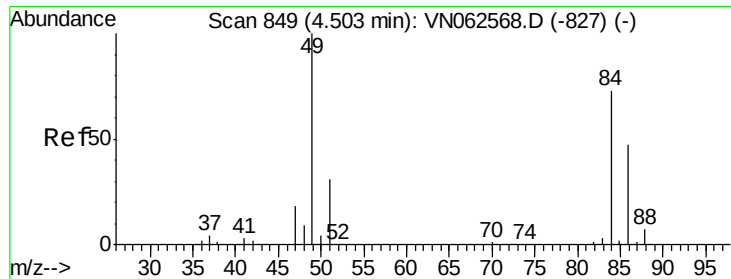
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#18
Methyl Acetate
Concen: 6.492 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Tgt Ion: 43 Resp: 14251
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8





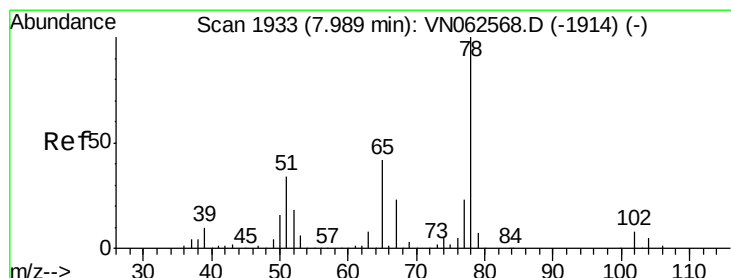
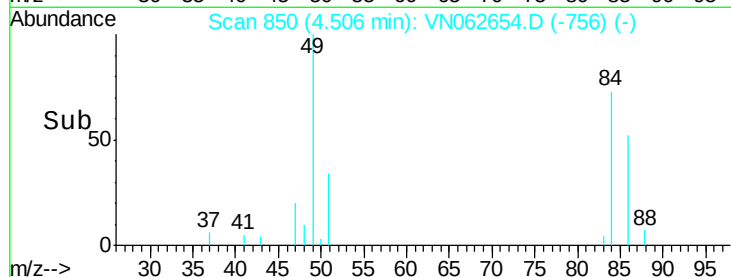
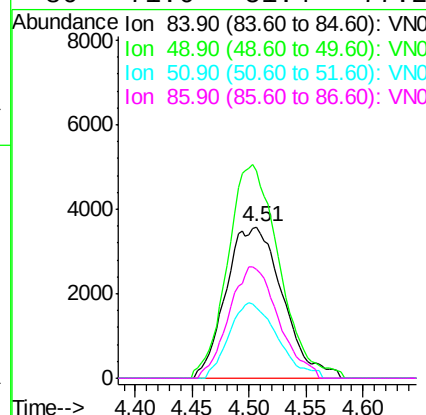
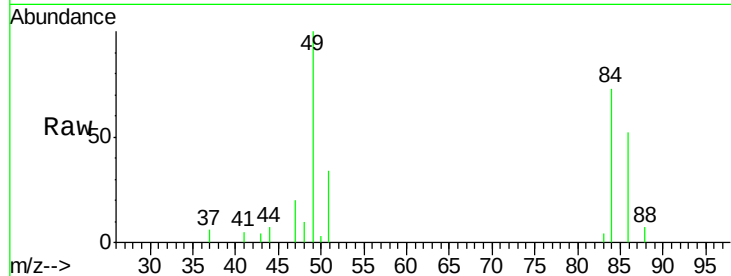
#20
Methylene Chloride
Concen: 5.942 ug/l m
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Instrument :
MSVOA_N
ClientSampled :
32538

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.0	109.4	164.0
51	46.2	33.6	50.4
86	71.6	51.4	77.2

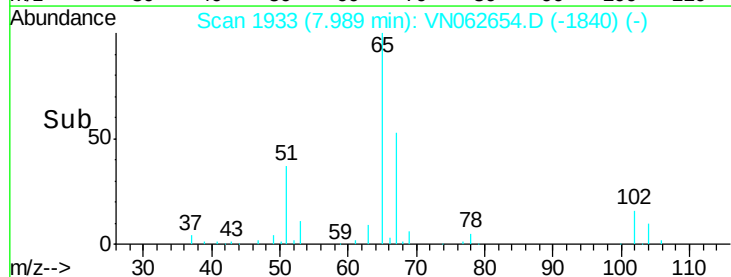
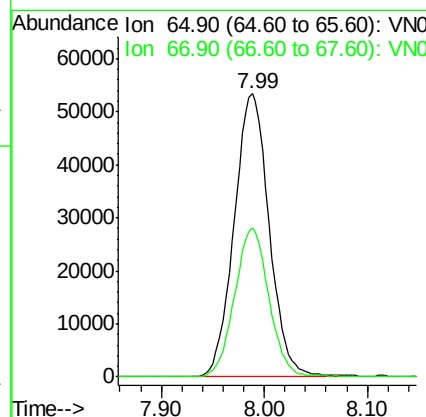
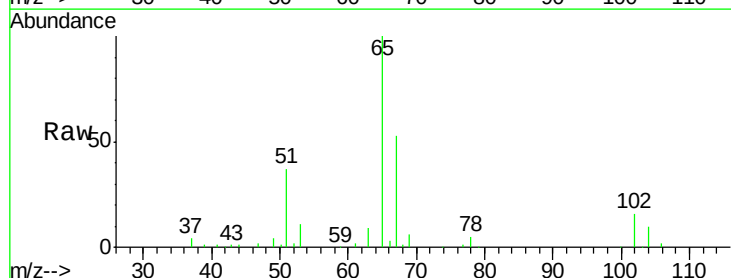
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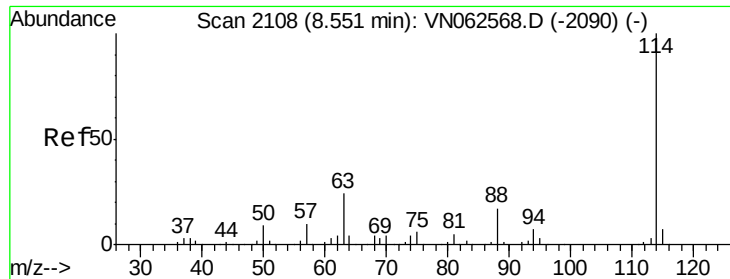
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#33
1,2-Dichloroethane-d4
Concen: 54.839 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.0





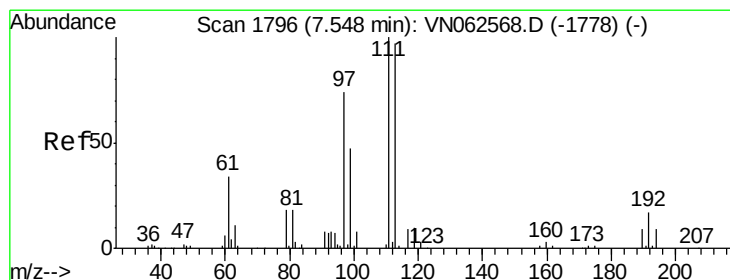
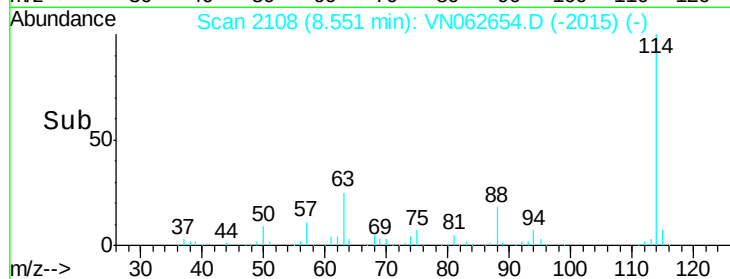
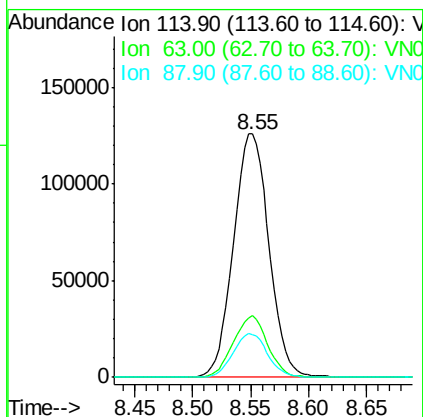
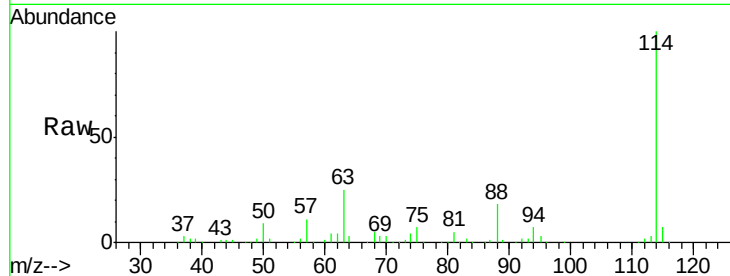
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :
32538

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	267349		
63	25.3	0.0	48.4	
88	17.8	0.0	33.8	

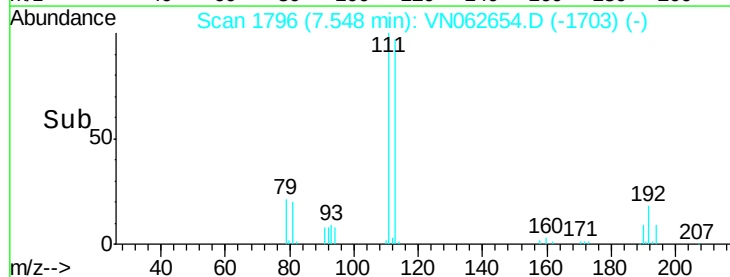
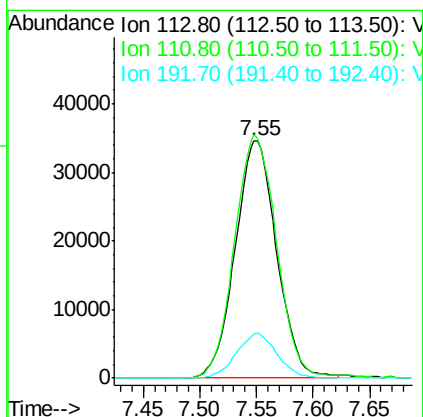
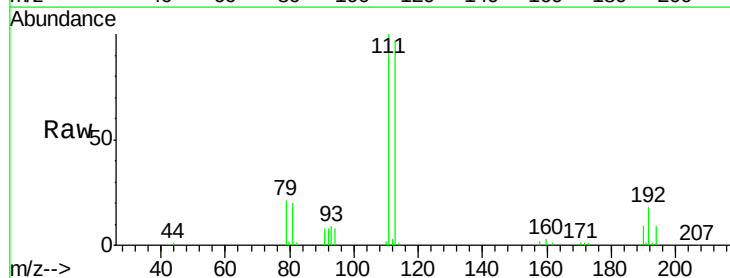
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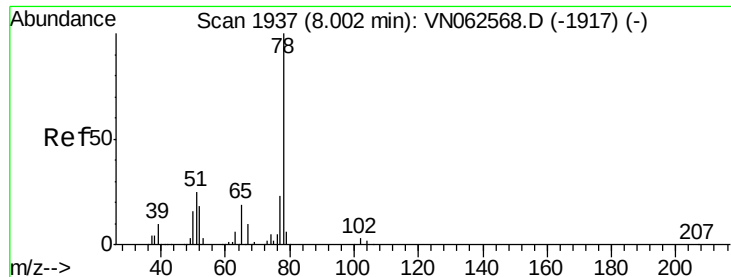
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#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88225		
111	103.7	82.7	124.1	
192	18.3	14.8	22.2	





#40

Benzene

Concen: 1.147 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062654.D

Acq: 29 Jul 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

32538

Tgt Ion: 78 Resp: 9898

Ion Ratio Lower Upper

78 100

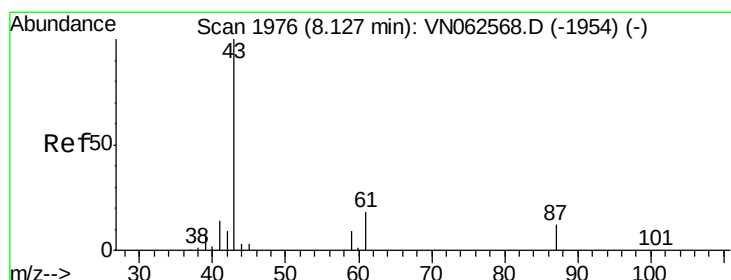
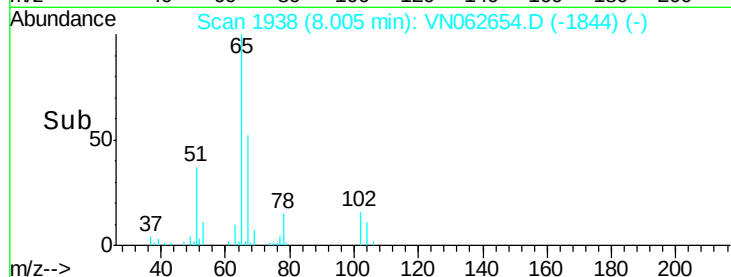
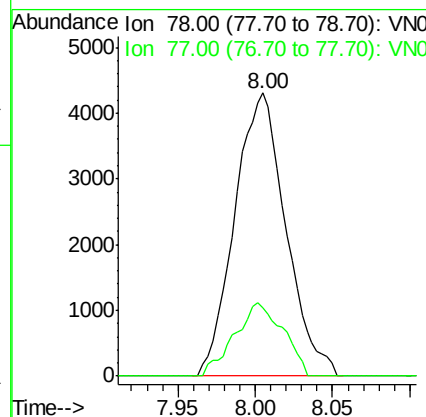
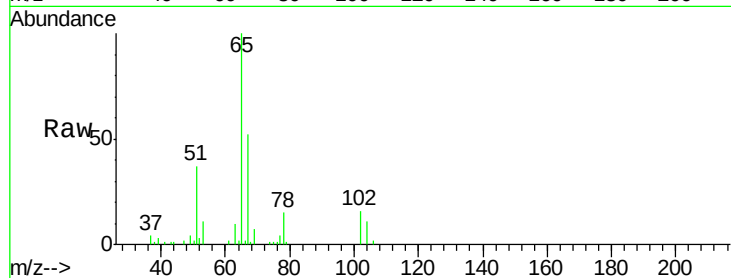
77 24.3 18.7 28.1

Manual Integrations

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#43

Isopropyl Acetate

Concen: 9.645 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062654.D

Acq: 29 Jul 2020 15:03

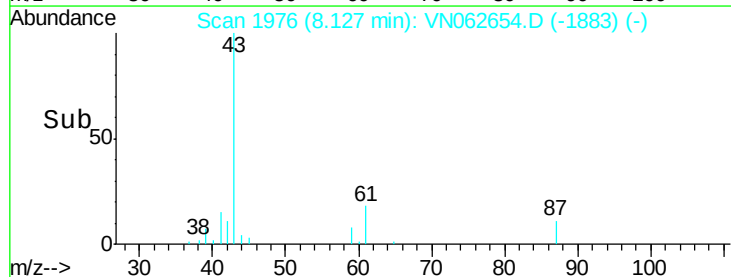
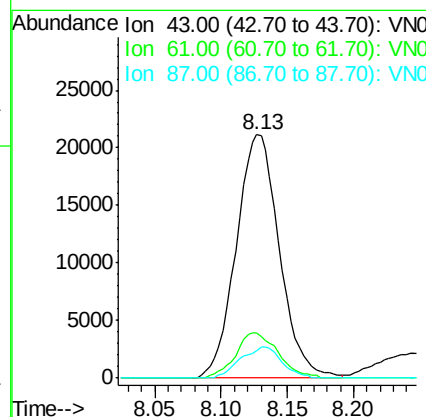
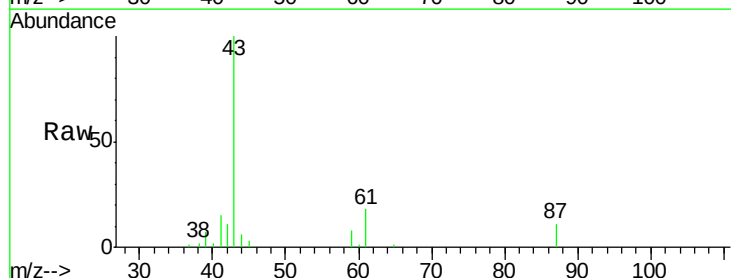
Tgt Ion: 43 Resp: 47759

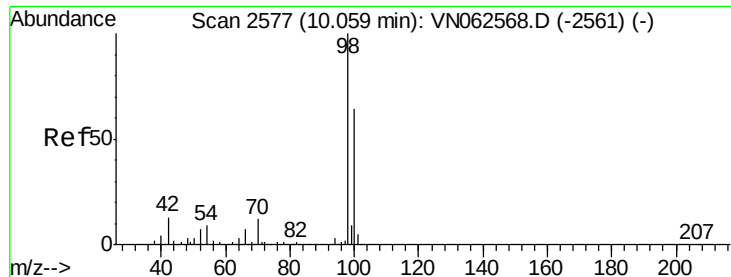
Ion Ratio Lower Upper

43 100

61 18.4 20.8 31.2#

87 12.3 9.2 13.8





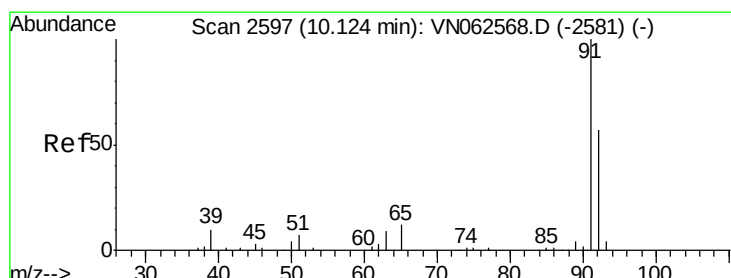
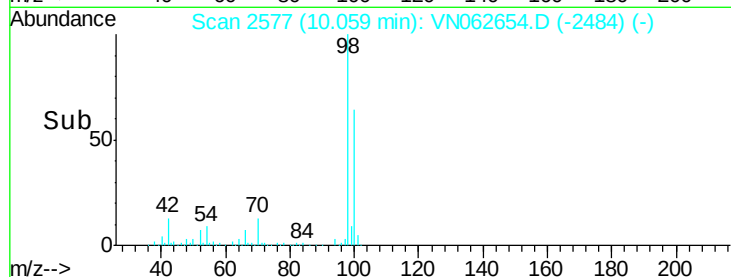
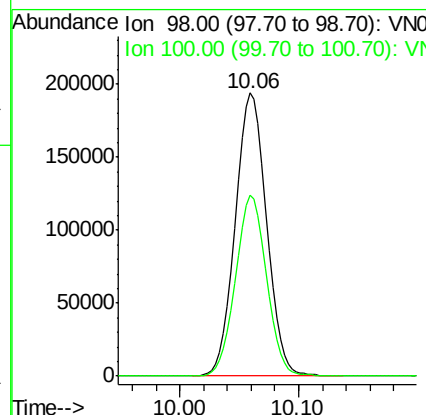
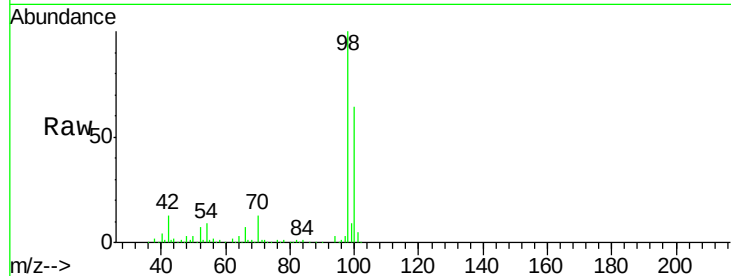
#50
Toluene-d8
Concen: 50.600 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion: 98 Resp: 354538
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

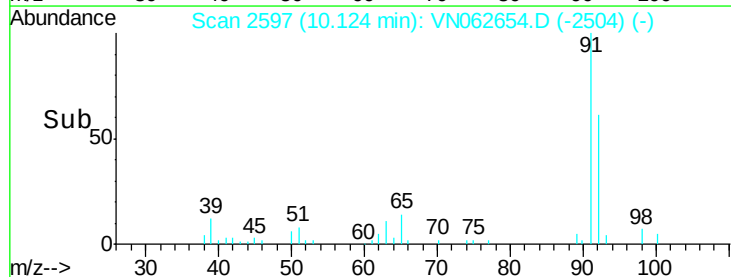
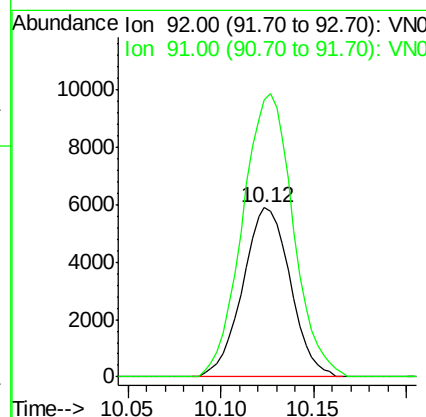
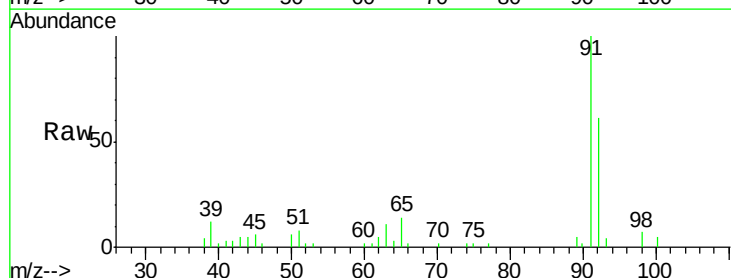
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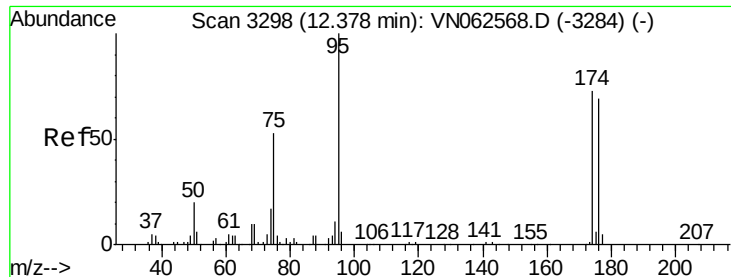
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#52
Toluene
Concen: 2.104 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062654.D
Acq: 29 Jul 2020 15:03

Tgt Ion: 92 Resp: 10540
Ion Ratio Lower Upper
92 100
91 178.3 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 51.746 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062654.D

Acq: 29 Jul 2020 15:03

Instrument :

MSVOA_N

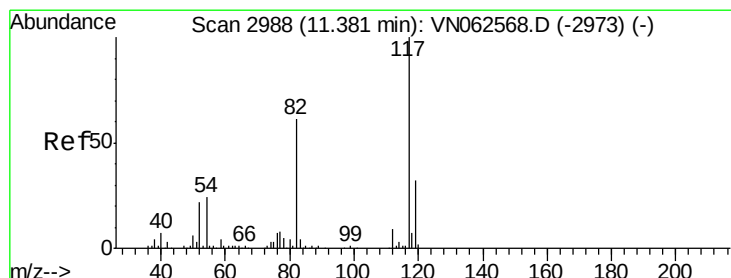
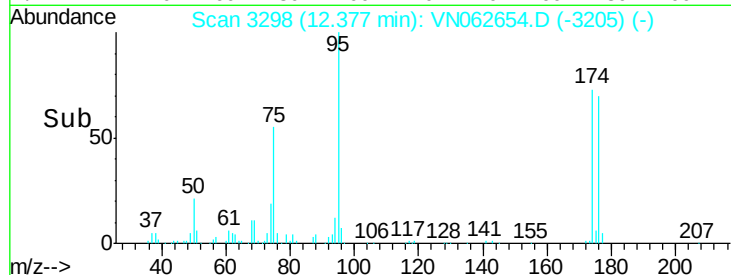
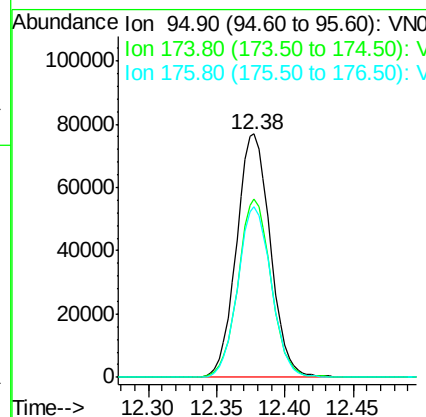
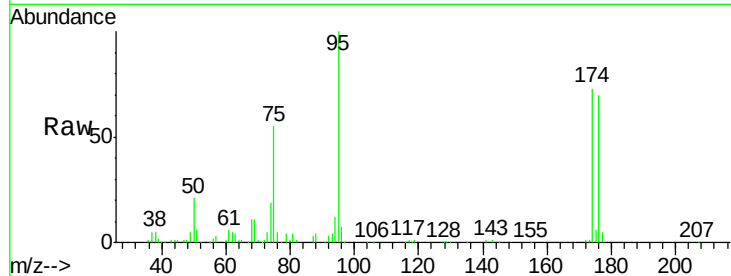
ClientSampled :

32538

Tgt Ion:	95	Resp:	132572
Ion Ratio	Lower	Upper	
95	100		
174	71.5	0.0	144.6
176	69.5	0.0	139.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

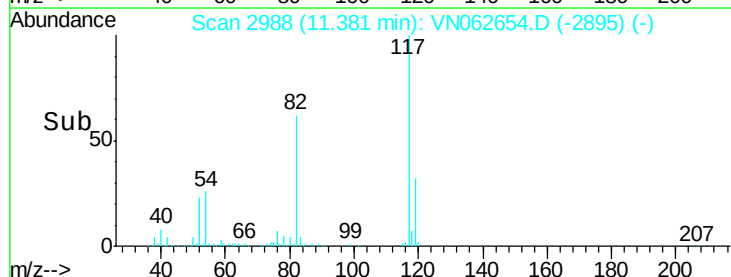
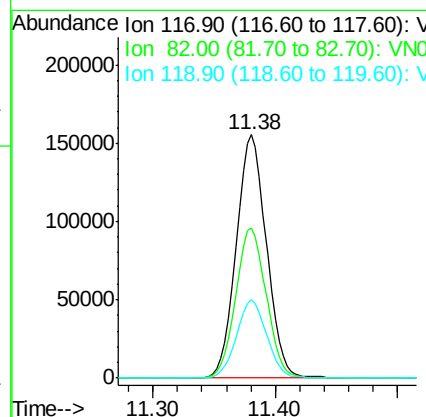
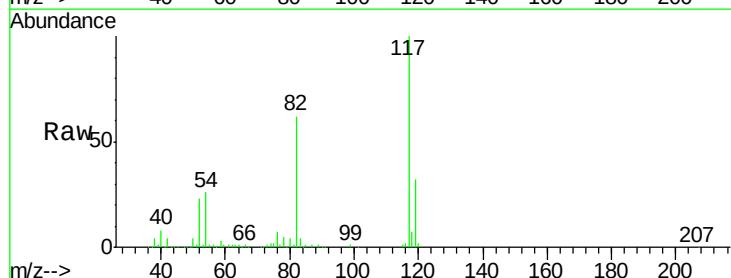
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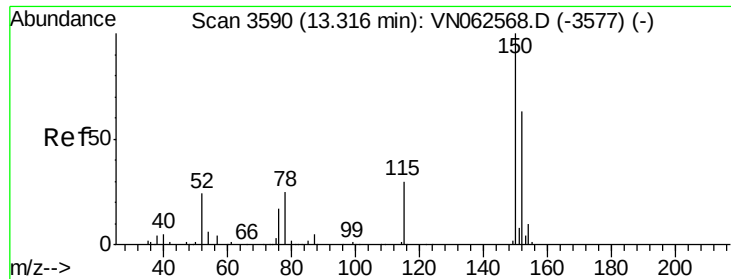
Delta R.T. -0.00 min

Lab File: VN062654.D

Acq: 29 Jul 2020 15:03

Tgt Ion:	117	Resp:	267393
Ion Ratio	Lower	Upper	
117	100		
82	61.8	49.0	73.6
119	32.0	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062654.D
 Acq: 29 Jul 2020 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 32538

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		107846		
115	64.0	31.8	95.4		
150	157.1	0.0	351.4		

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