

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064403.D
 Acq On : 30 Oct 2020 16:29
 Operator : JC/MD
 Sample : PB132725ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132725ZHE#07

Manual Integrations
 APPROVED

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 11/2/2020 4:11:46 PM

Quant Time: Nov 02 02:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182580	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	7.55	113	130583	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.06	98	509986	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.37	95	210712	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
Target Compounds						
18) Methyl Acetate	4.29	43	3261	1.230	ug/l #	76
20) Methylene Chloride	4.52	84	7147m	2.855	ug/l	
43) Isopropyl Acetate	8.13	43	80895	11.840	ug/l #	90

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

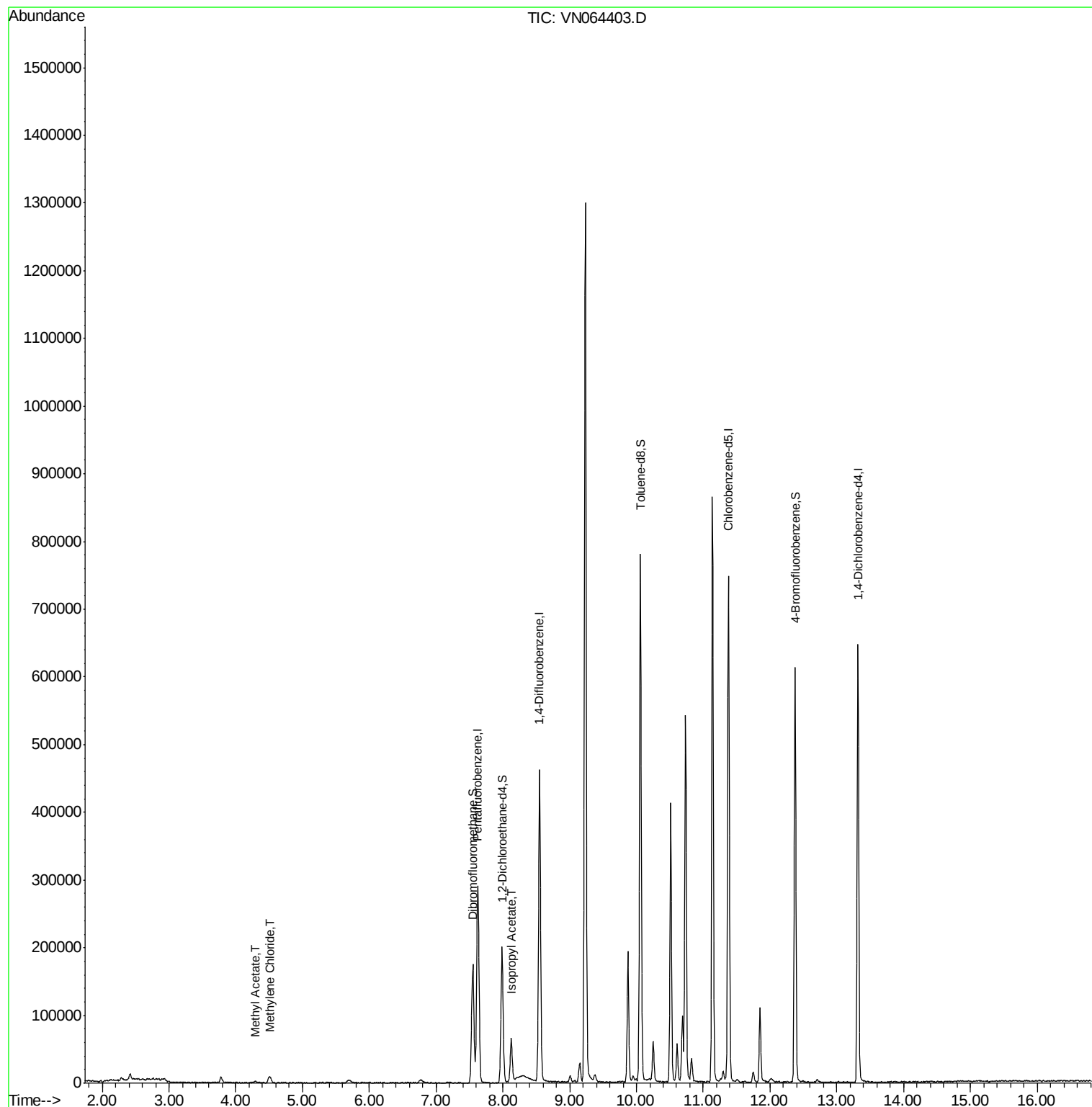
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
Data File : VN064403.D
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Operator : JC/MD
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ALS Vial : 16 Sample Multiplier: 1

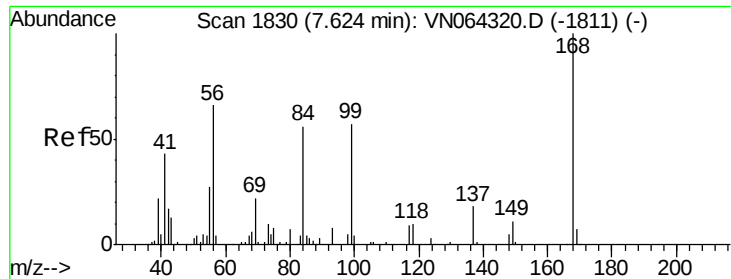
Instrument :
MSVOA_N
ClientSampleId :
PB132725ZHE#07

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Quant Time: Nov 02 02:57:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064403.D

Acq: 30 Oct 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#07

Tot Ion:168 Resp: 219651

Ion Ratio Lower Upper

168 100

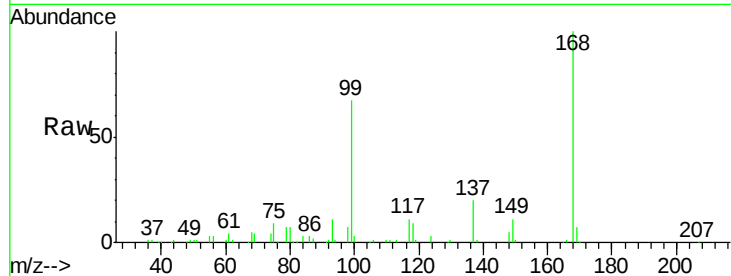
99 67.0 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

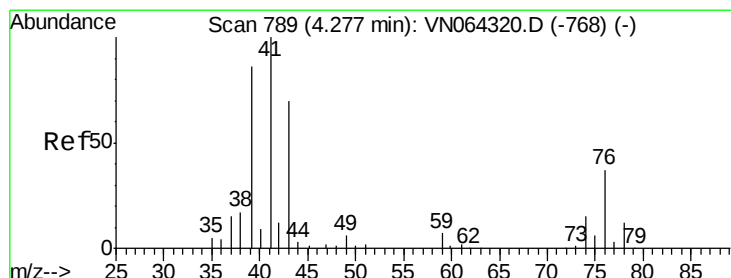
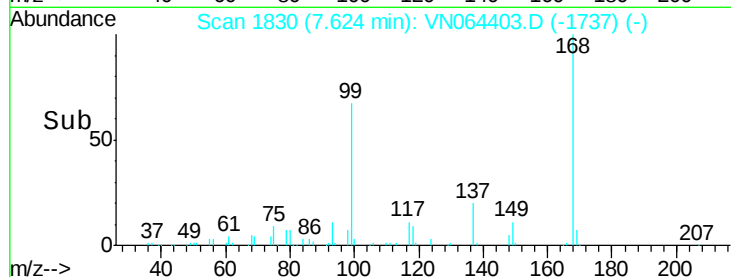
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#18

Methyl Acetate

Concen: 1.230 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064403.D

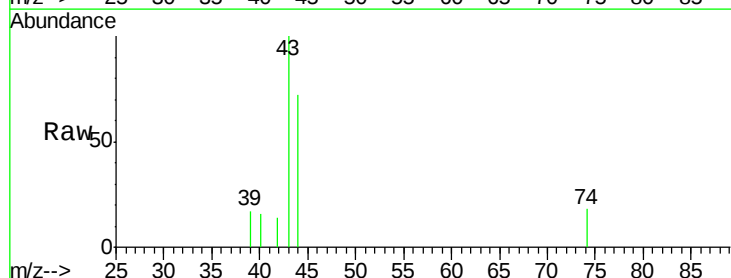
Acq: 30 Oct 2020 16:29

Tgt Ion: 43 Resp: 3261

Ion Ratio Lower Upper

43 100

74 9.8 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.29

1200

1000

800

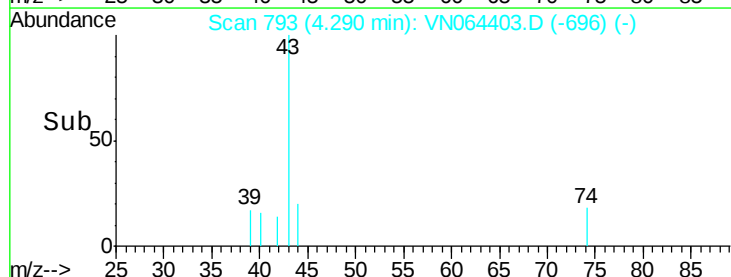
600

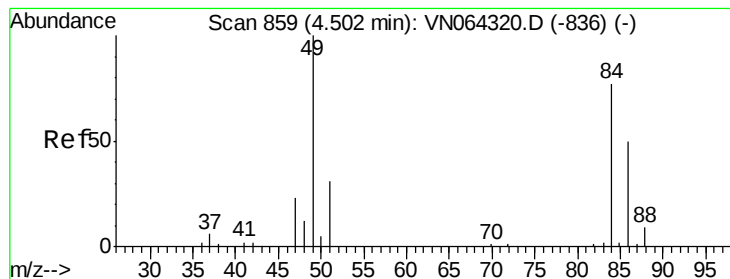
400

200

0

Time--> 4.25 4.30 4.35





#20

Methvlene Chloride

Concen: 2.855 ug/l m

RT: 4.52 min Scan# 864

Delta R.T. 0.02 min

Lab File: VN064403.D

Acq: 30 Oct 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#07

Tot Ion: 84 Resp: 7147

Ion Ratio Lower Upper

84 100

49 93.4 103.6 155.4#

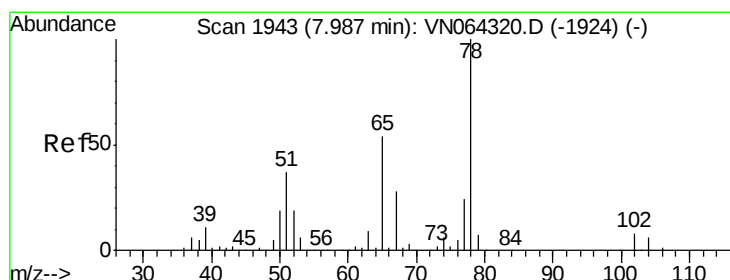
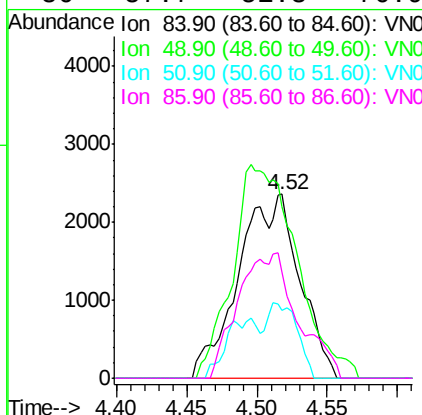
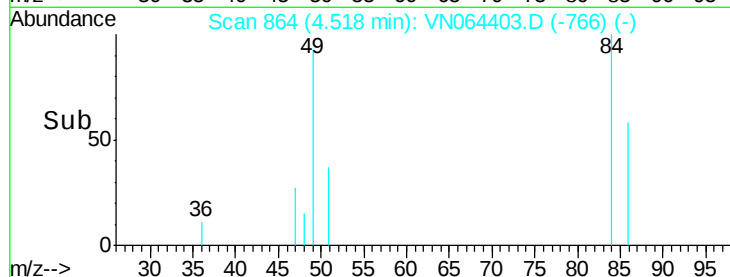
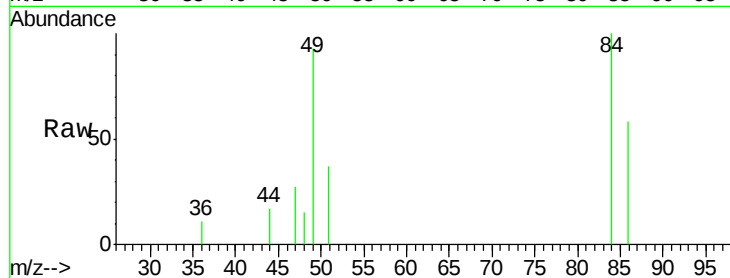
51 36.9 31.8 47.8

86 57.7 51.3 76.9

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#33

1,2-Dichloroethane-d4

Concen: 51.726 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064403.D

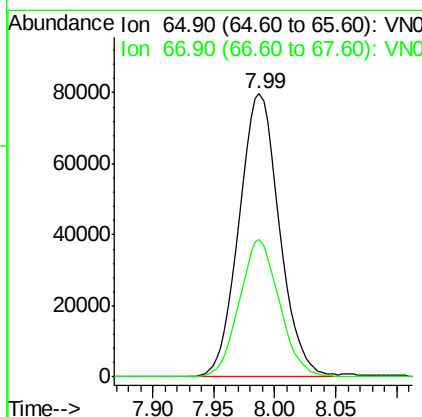
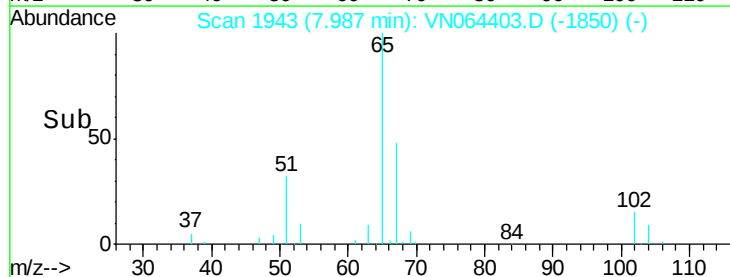
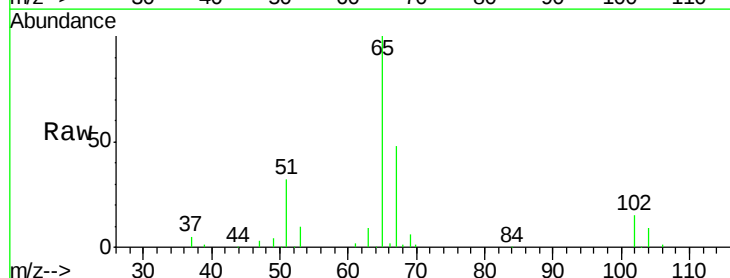
Acq: 30 Oct 2020 16:29

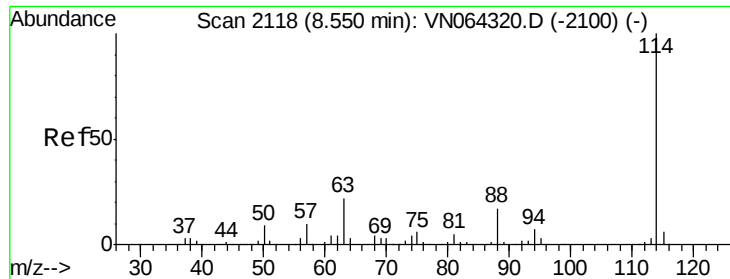
Tgt Ion: 65 Resp: 182580

Ion Ratio Lower Upper

65 100

67 48.0 0.0 99.2





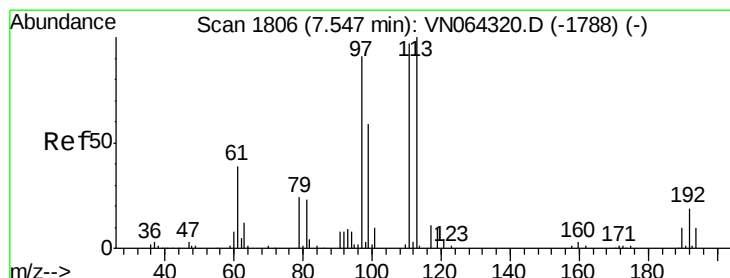
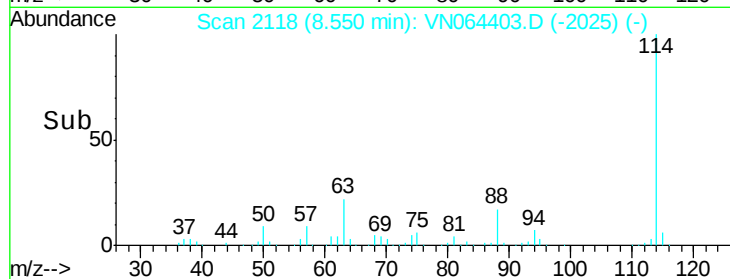
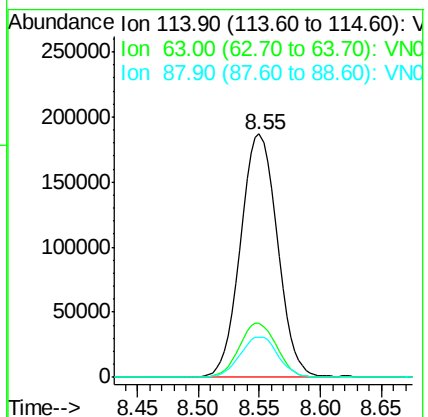
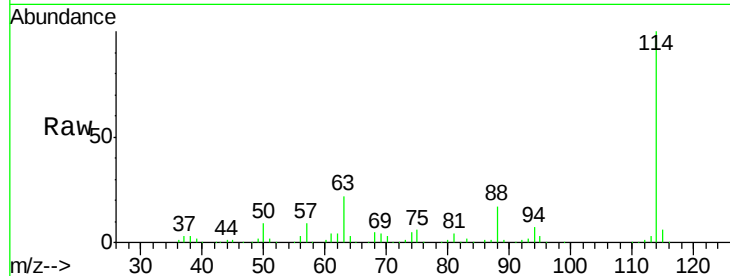
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064403.D
Acq: 30 Oct 2020 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB132725ZHE#07

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.0	0.0	44.6
88	16.5	0.0	33.4

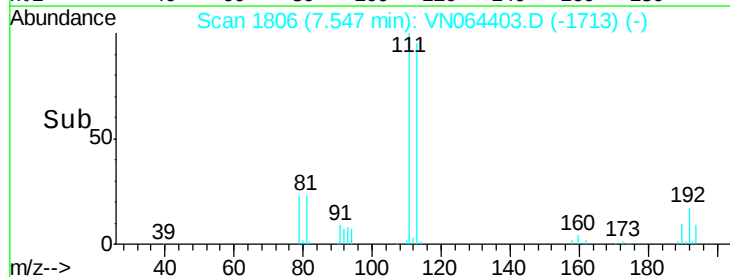
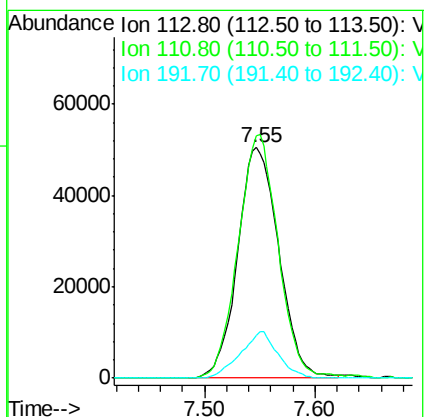
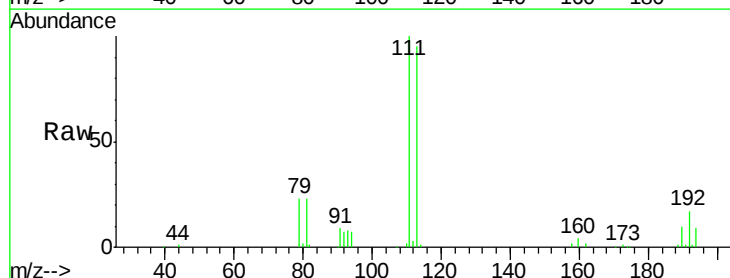
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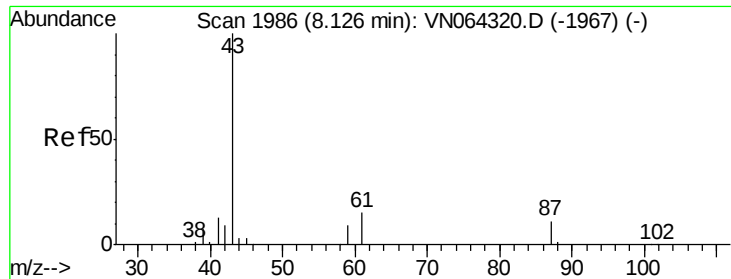
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#35
Dibromofluoromethane
Concen: 49.943 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064403.D
Acq: 30 Oct 2020 16:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.5	81.5	122.3
192	18.2	15.0	22.4





#43

Isopropyl Acetate

Concen: 11.840 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064403.D

Acq: 30 Oct 2020 16:29

Instrument :

MSVOA_N

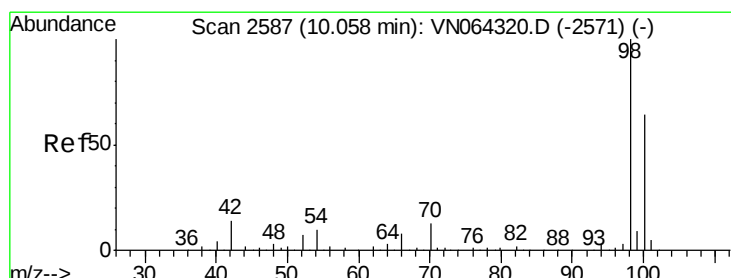
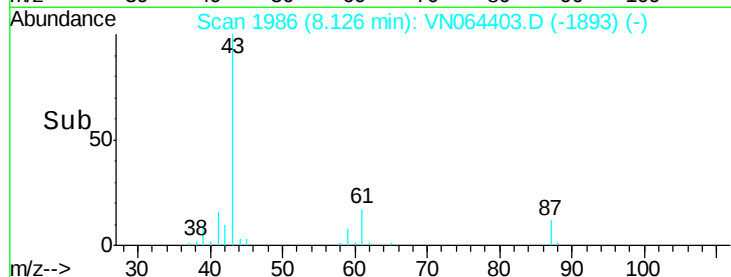
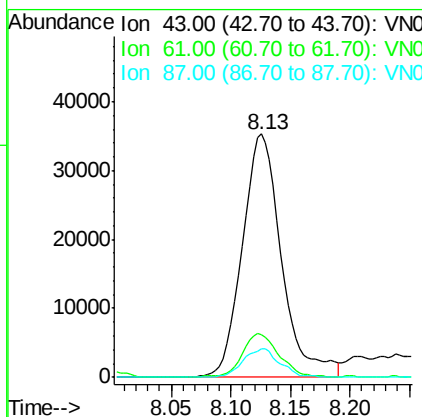
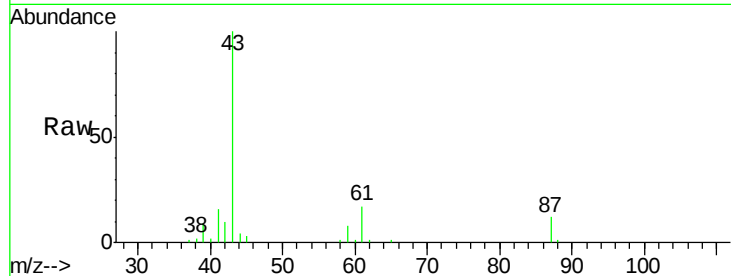
ClientSampleId :

PB132725ZHE#07

Tot Ion:	43	Resp:	80895
Ion Ratio	Lower	Upper	
43	100		
61	16.8	19.1	28.7#
87	10.9	9.3	13.9

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#50

Toluene-d8

Concen: 52.733 ug/l

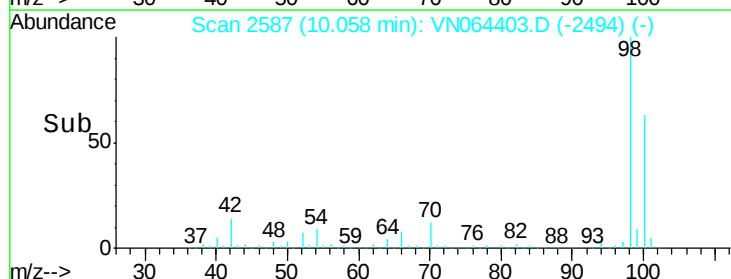
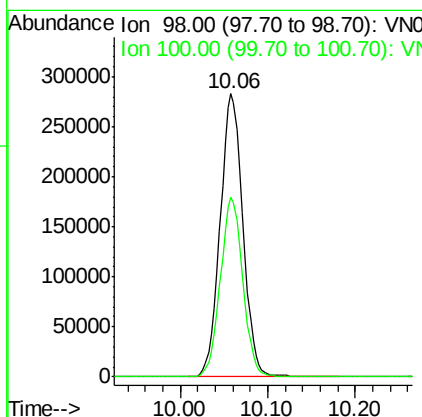
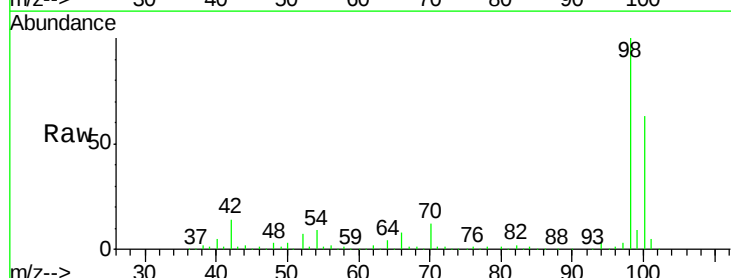
RT: 10.06 min Scan# 2587

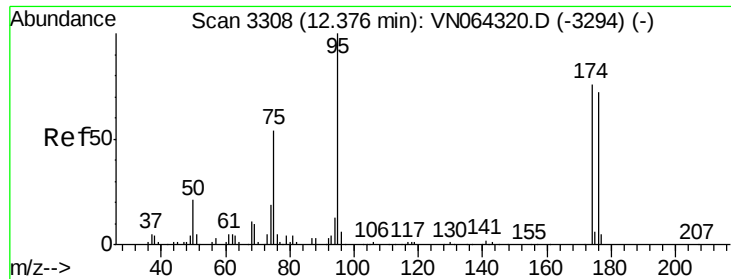
Delta R.T. 0.00 min

Lab File: VN064403.D

Acq: 30 Oct 2020 16:29

Tgt Ion:	98	Resp:	509986
Ion Ratio	Lower	Upper	
98	100		
100	62.5	50.9	76.3





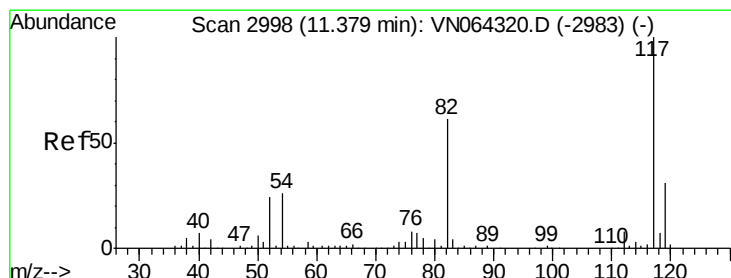
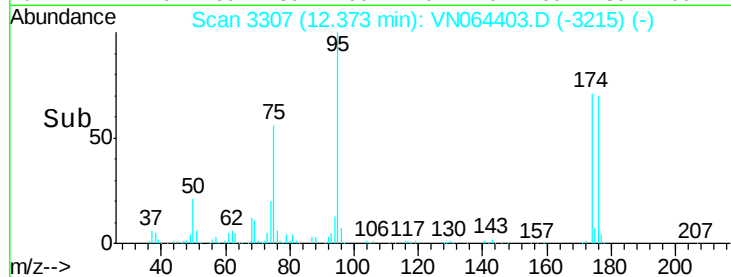
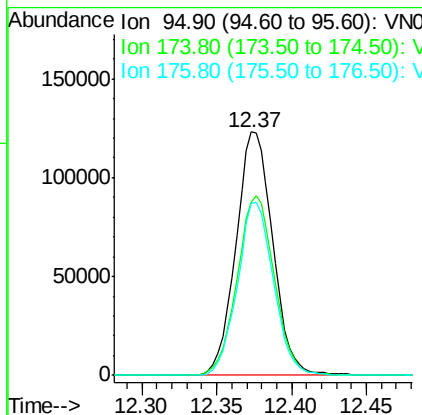
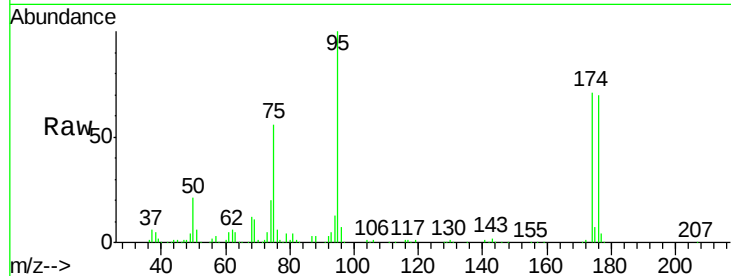
#62
4-Bromofluorobenzene
Concen: 55.881 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064403.D
Acq: 30 Oct 2020 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB132725ZHE#07

Tot Ion	Ratio	Resp	Lower	Upper
95	100	210712		
174	74.7	0.0	147.4	
176	70.0	0.0	143.6	

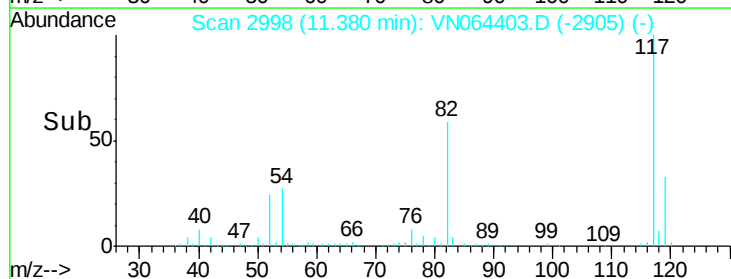
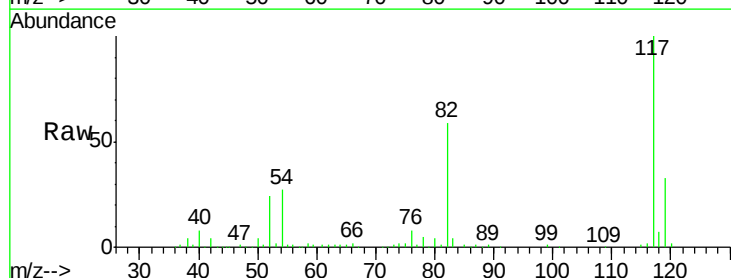
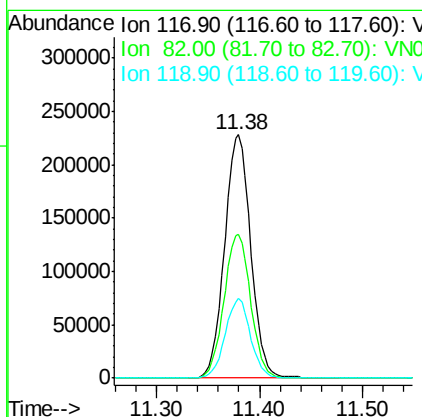
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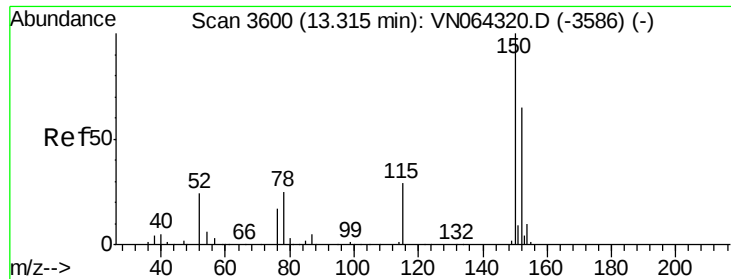
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064403.D
Acq: 30 Oct 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	403218		
82	58.9	48.8	73.2	
119	32.7	25.1	37.7	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064403.D

Acq: 30 Oct 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#07

Tot Ion:152 Resp: 167832
Ion Ratio Lower Upper

152 100

115 62.3 31.5 94.5

150 151.0 0.0 346.2

Manual Integrations
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