

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064551.D
 Acq On : 11 Nov 2020 13:36
 Operator : JC/MD
 Sample : L4684-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106DL

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:27 AM

Quant Time: Nov 12 02:12:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	238677	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	7.55	113	174573	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.06	98	628531	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	230953	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.75	59	7498	16.315	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	4880	1.907	ug/l #	70
22) Diisopropyl ether	5.92	45	2506m	0.236	ug/l	
24) 1,1-Dichloroethane	5.80	63	35954	6.158	ug/l	97
40) Benzene	8.01	78	836934	54.904	ug/l	99
42) 1,2-Dichloroethane	8.09	62	30344	4.933	ug/l	99
44) Trichloroethene	8.80	130	2567	0.667	ug/l	76
69) o-Xylene	11.92	106	6869	1.009	ug/l	94
73) Isopropylbenzene	12.23	105	18366	1.298	ug/l	97

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

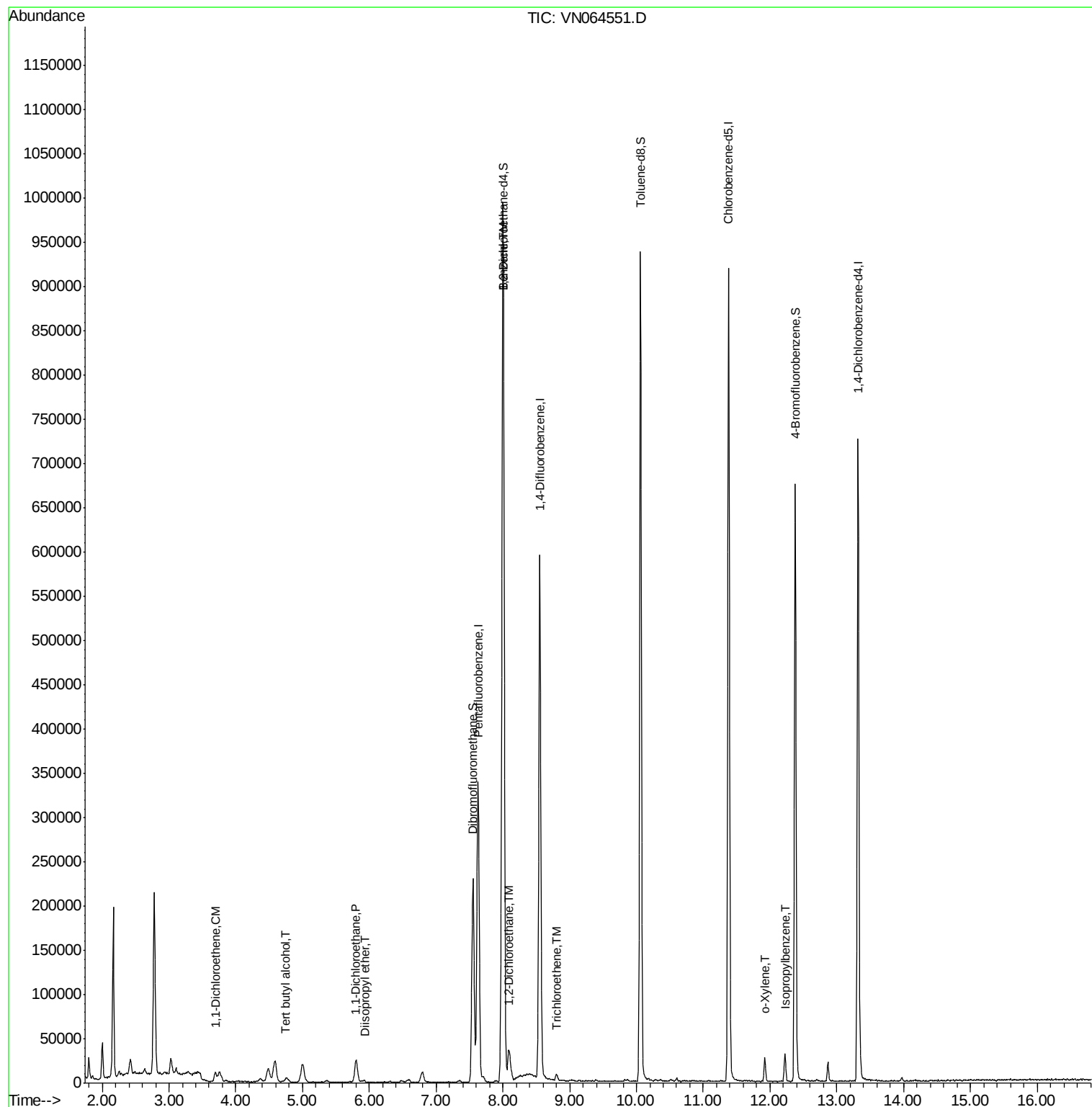
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064551.D
Acq On : 11 Nov 2020 13:36
Operator : JC/MD
Sample : L4684-02DL 4X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

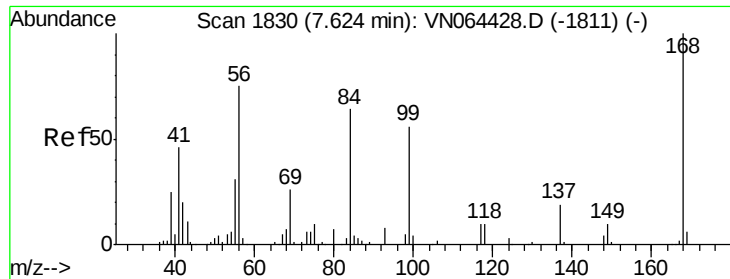
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

Manual Integrations
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11/12/2020 9:12:27 AM

Quant Time: Nov 12 02:12:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106DL

Tot Ion:168 Resp: 239247

Ion Ratio Lower Upper

168 100

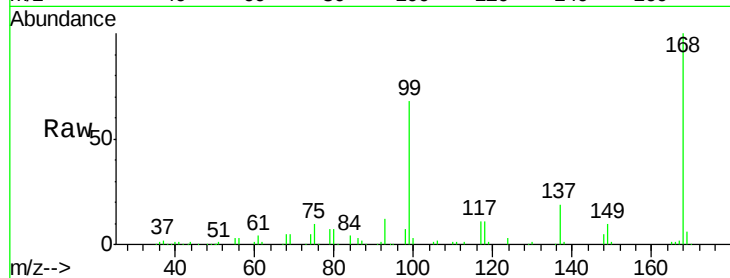
99 68.3 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

100000

80000

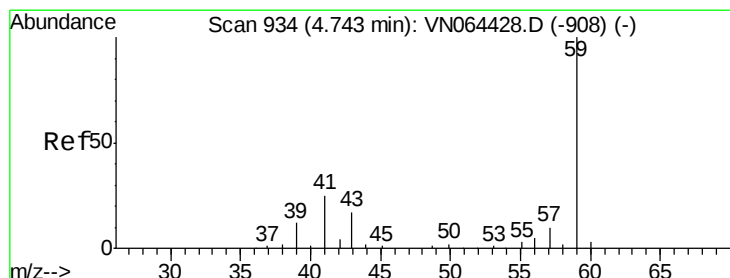
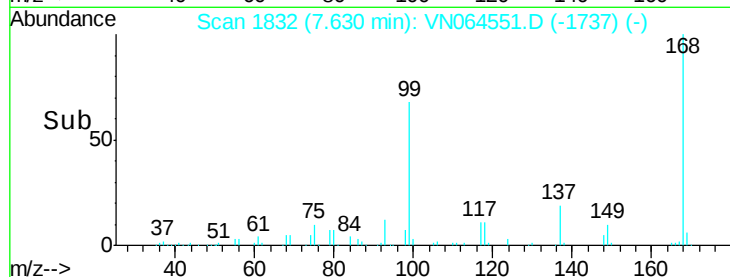
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 16.315 ug/l

RT: 4.75 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN064551.D

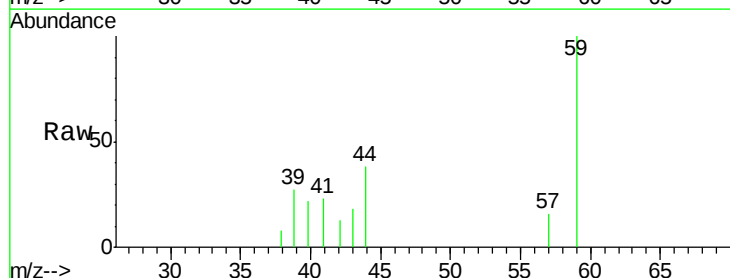
Acq: 11 Nov 2020 13:36

Tgt Ion: 59 Resp: 7498

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN064428.D (-908) (-)

Ion 57.00 (56.70 to 57.70): VN064428.D (-908) (-)

4.75

2500

2000

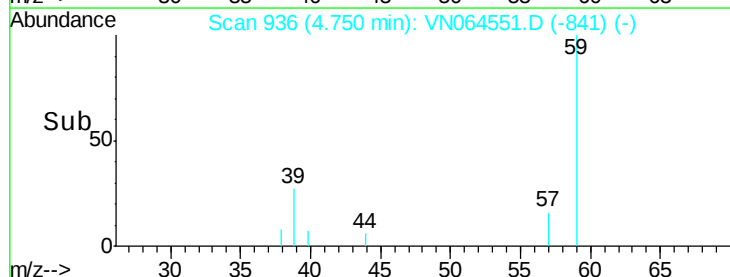
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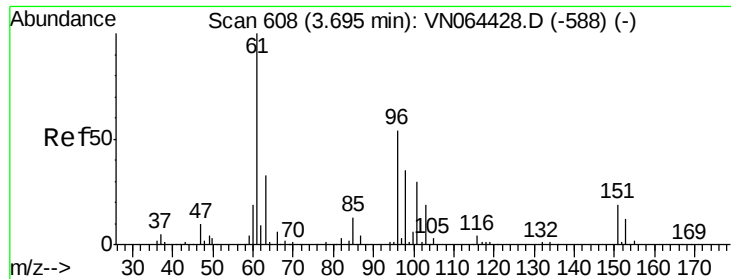
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.907 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

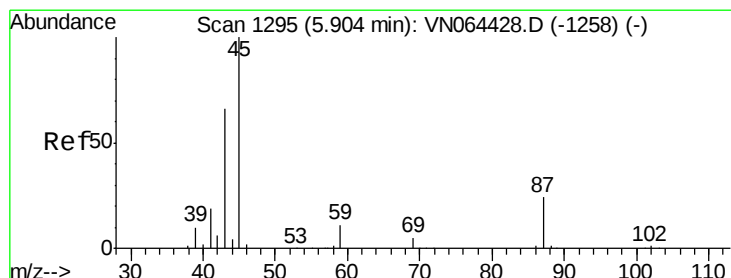
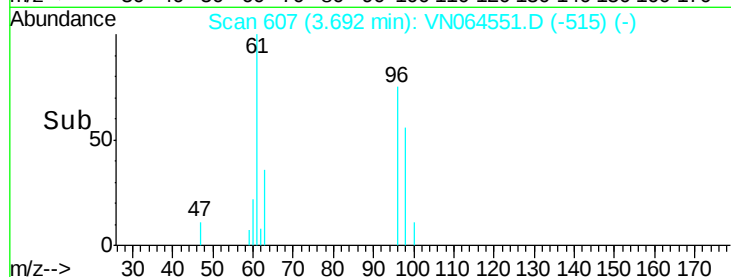
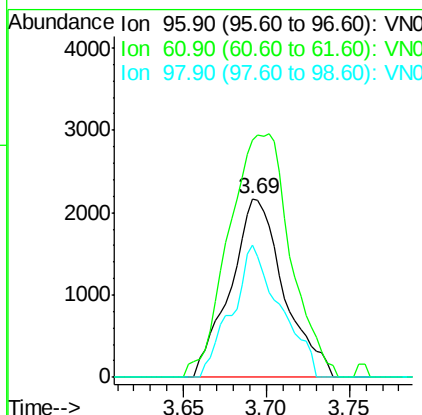
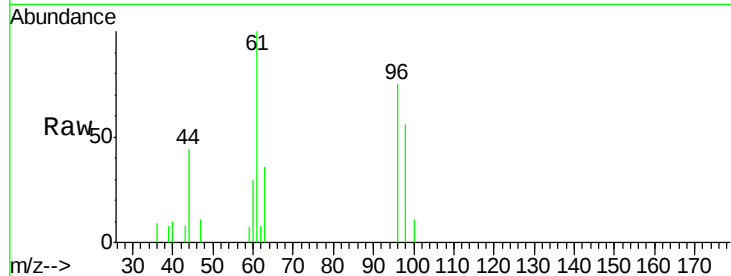
ClientSampleId :

BP-VPB178-DUP-20201106DL

Tot Ion:	96	Resp:	4880
Ion	Ratio	Lower	Upper
96	100		
61	133.2	149.5	224.3#
98	74.4	52.4	78.6

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#22

Diisopropyl ether

Concen: 0.236 ug/l m

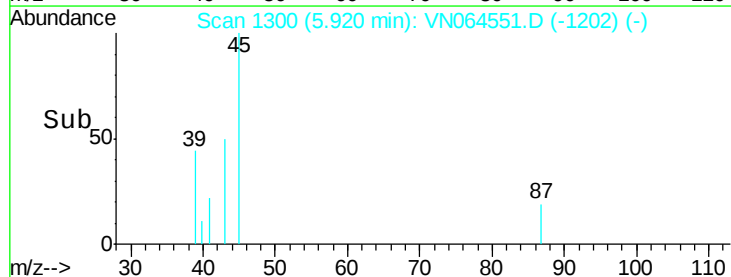
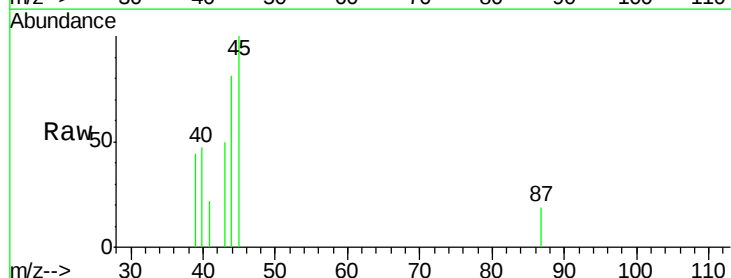
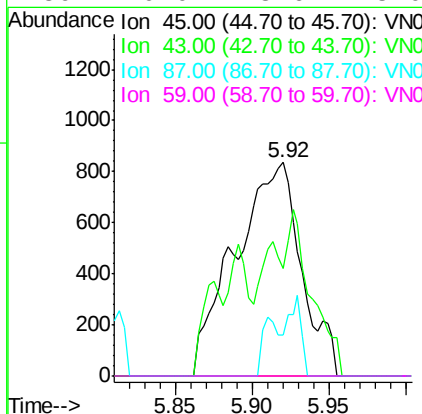
RT: 5.92 min Scan# 1300

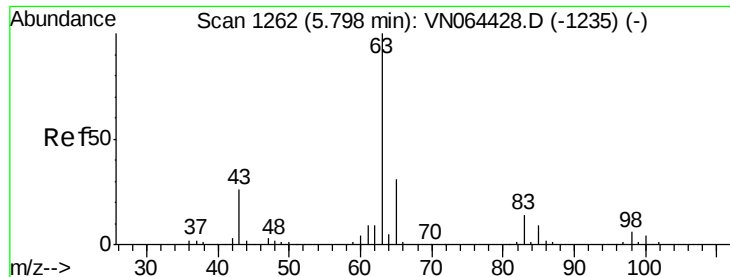
Delta R.T. 0.02 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion:	45	Resp:	2506
Ion	Ratio	Lower	Upper
45	100		
43	50.4	53.2	79.8#
87	19.1	19.9	29.9#
59	0.0	8.6	13.0#





#24

1,1-Dichloroethane

Concen: 6.158 ug/l

RT: 5.80 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

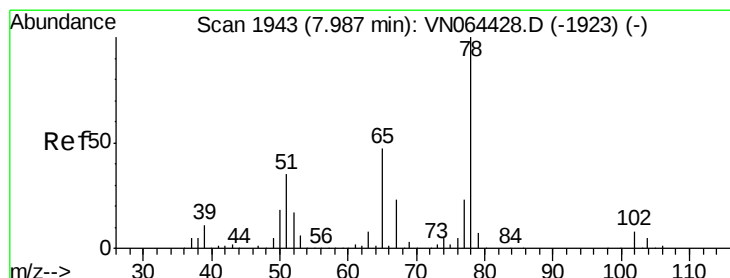
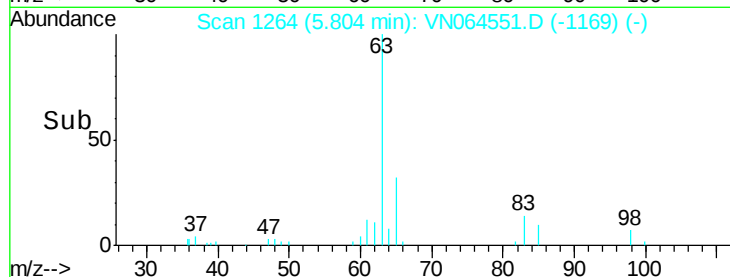
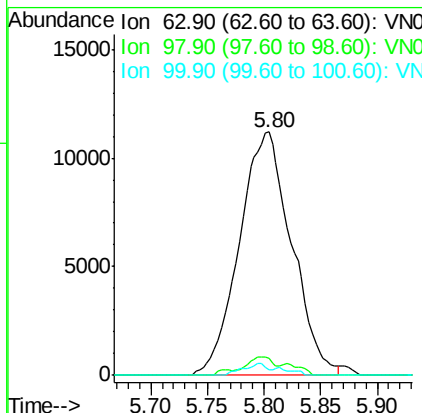
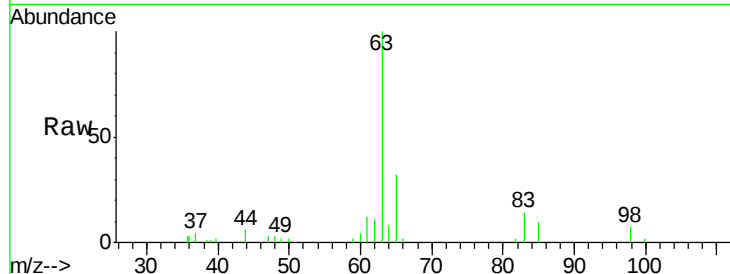
ClientSampleId :

BP-VPB178-DUP-20201106DL

Tot Ion:	63	Resp:	35954
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.0	9.2
100	2.0	1.8	5.3

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#33

1,2-Dichloroethane-d4

Concen: 57.274 ug/l

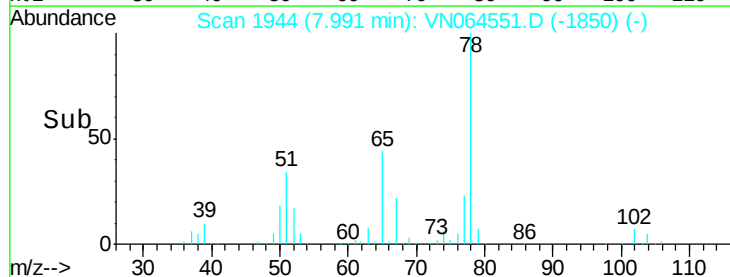
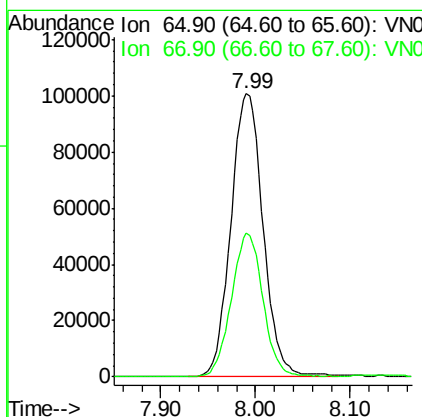
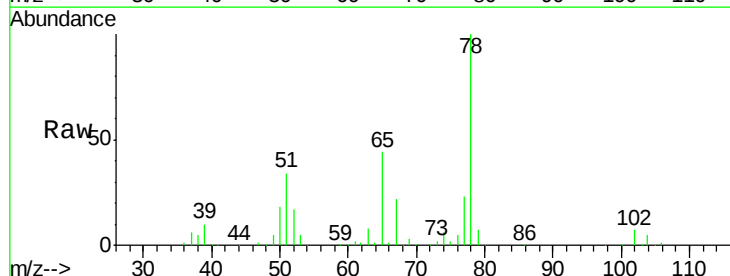
RT: 7.99 min Scan# 1944

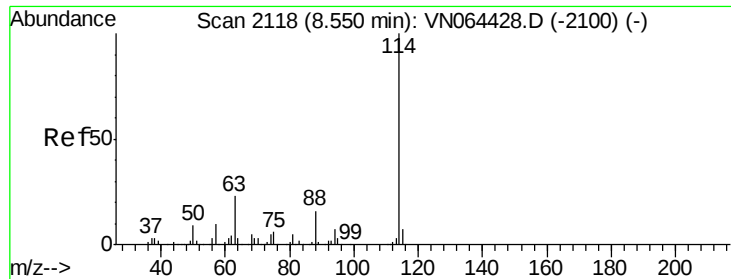
Delta R.T. 0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion:	65	Resp:	238677
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6





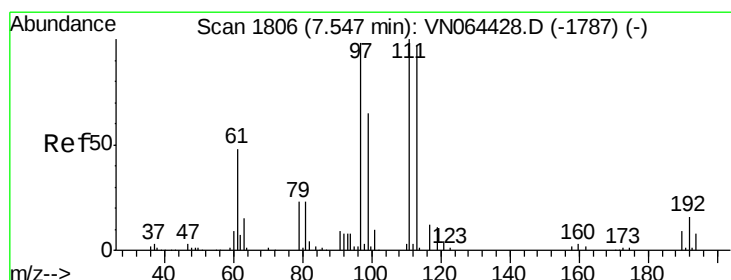
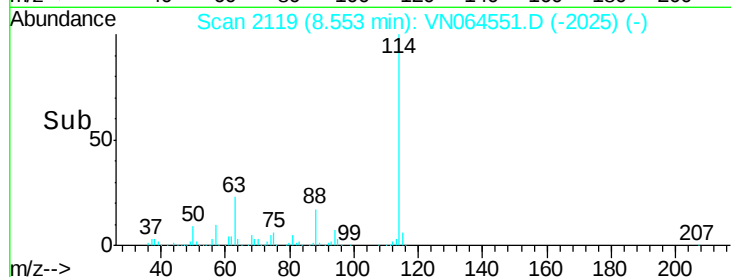
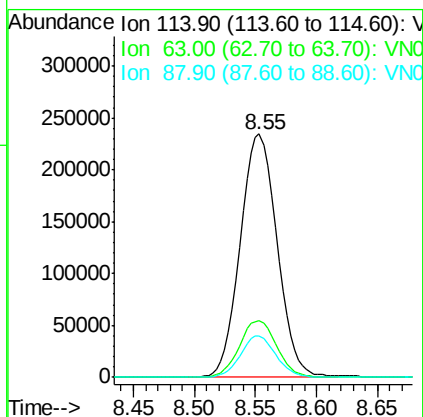
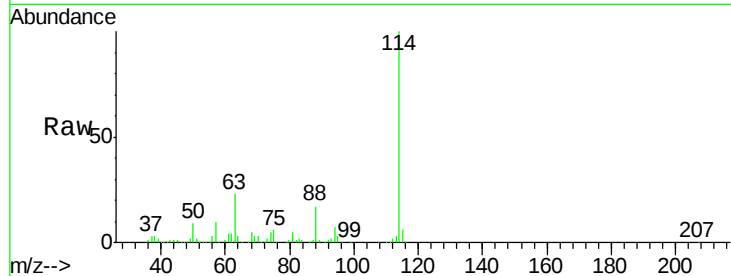
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	491040		
63	23.2	0.0	45.6	
88	17.0	0.0	32.8	

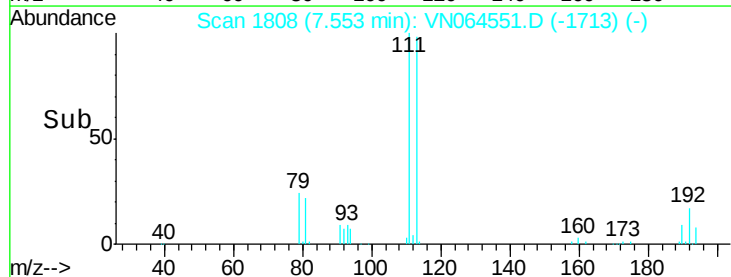
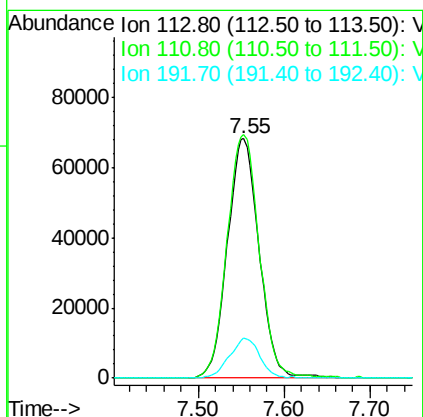
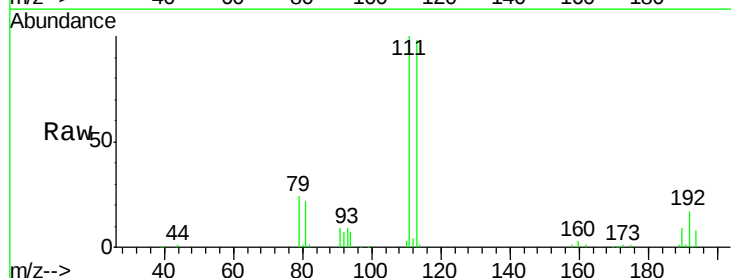
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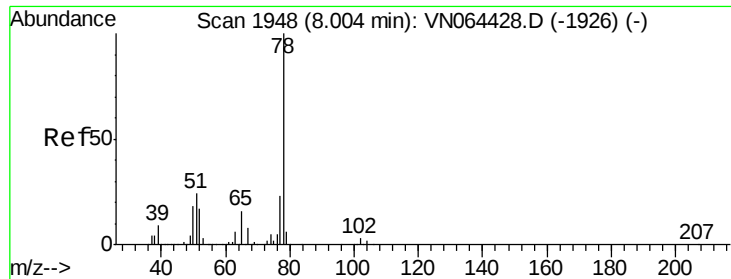
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#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	174573		
111	103.0	81.1	121.7	
192	16.1	12.8	19.2	





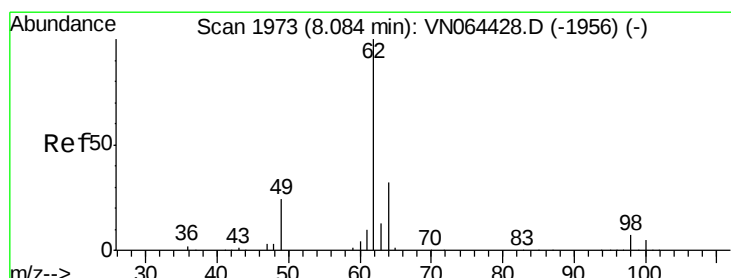
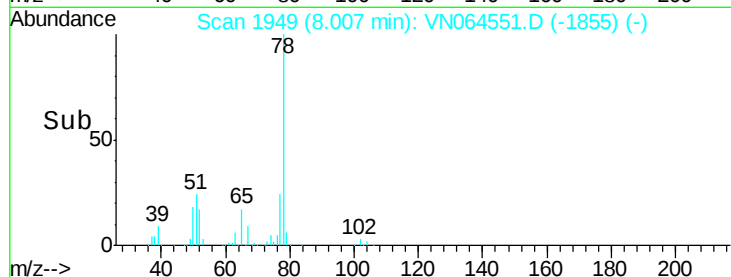
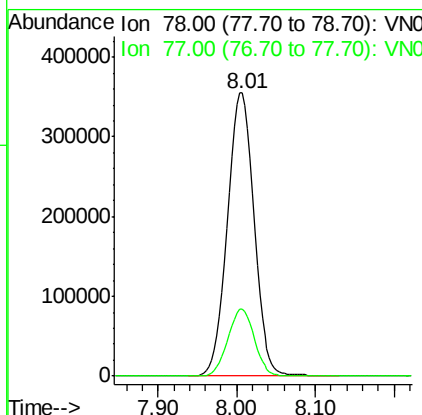
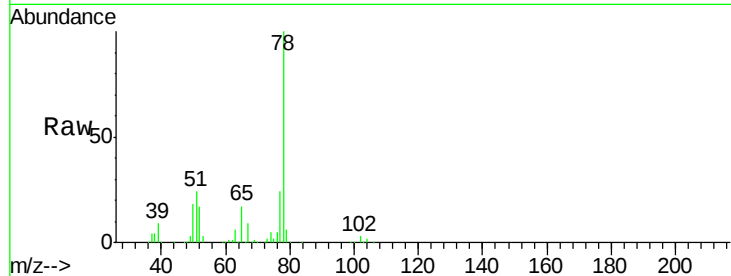
#40
Benzene
Concen: 54.904 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

Tot Ion: 78 Resp: 836934
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

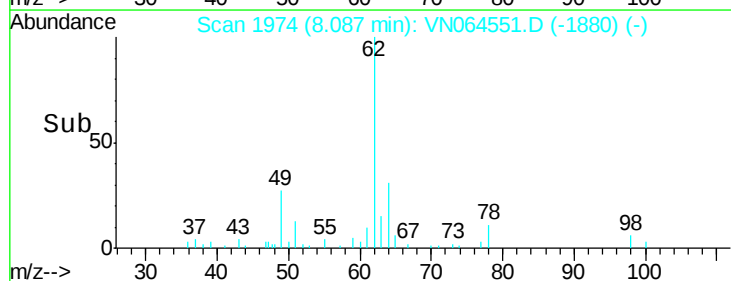
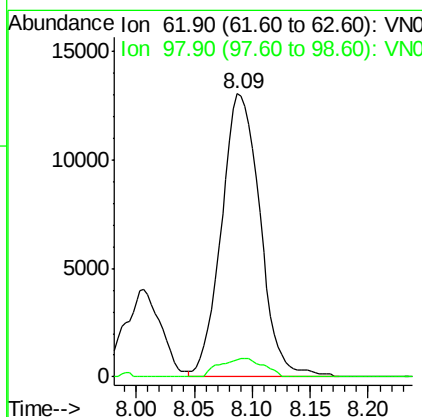
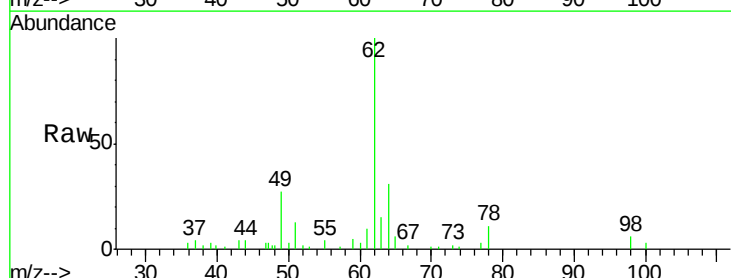
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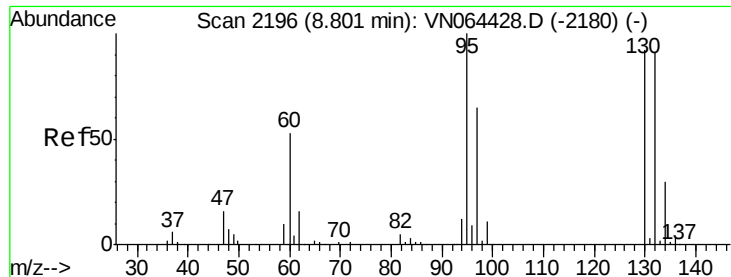
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#42
1,2-Dichloroethane
Concen: 4.933 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion: 62 Resp: 30344
Ion Ratio Lower Upper
62 100
98 7.3 0.0 14.0





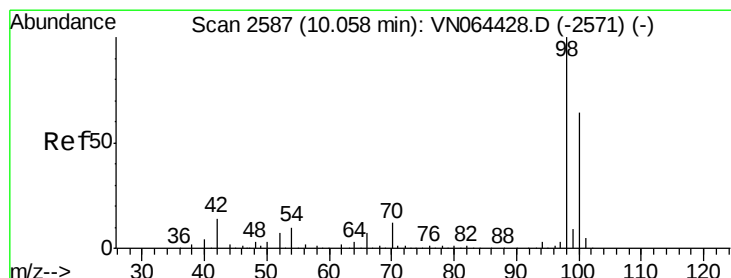
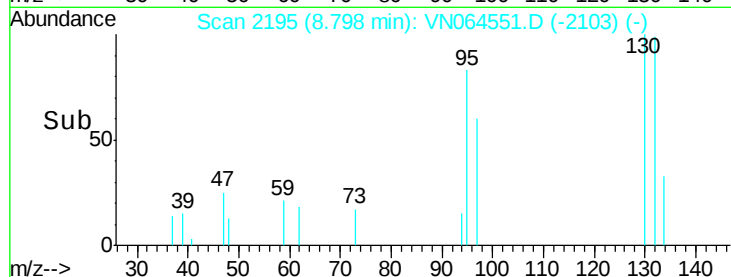
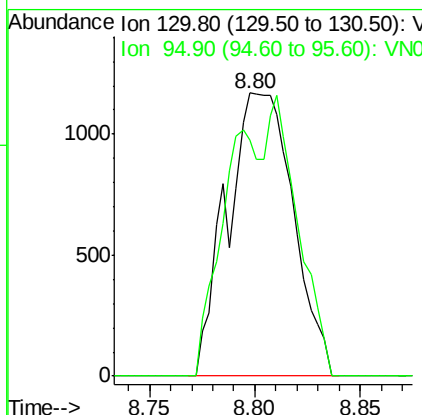
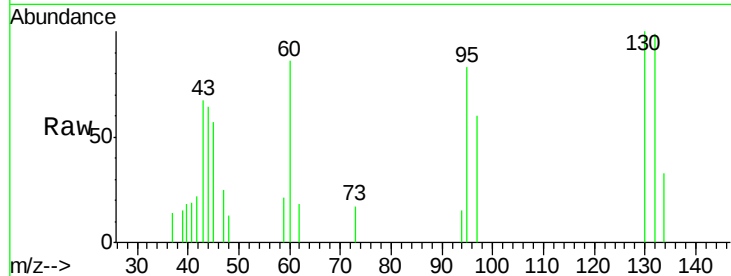
#44
 Trichloroethene
 Concen: 0.667 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106DL

Tot Ion:130 Resp: 2567
 Ion Ratio Lower Upper
 130 100
 95 83.4 0.0 216.8

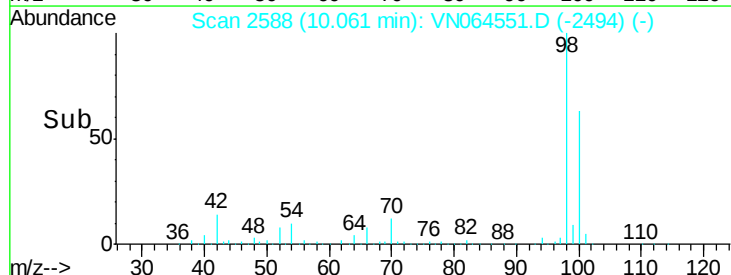
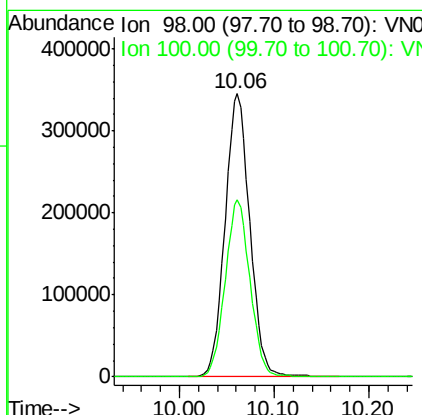
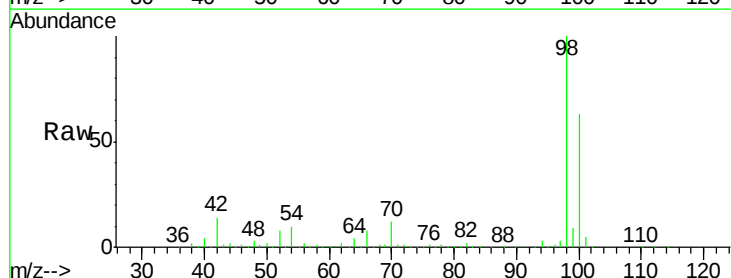
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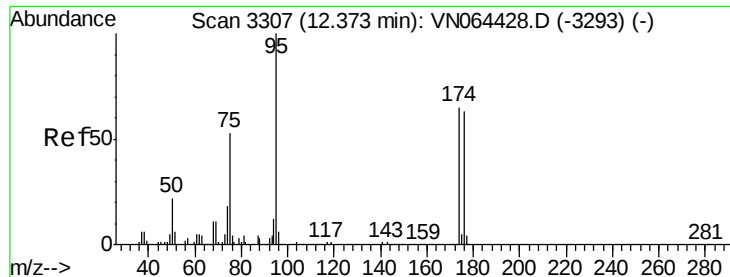
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#50
 Toluene-d8
 Concen: 48.641 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

Tgt Ion: 98 Resp: 628531
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.7 76.1





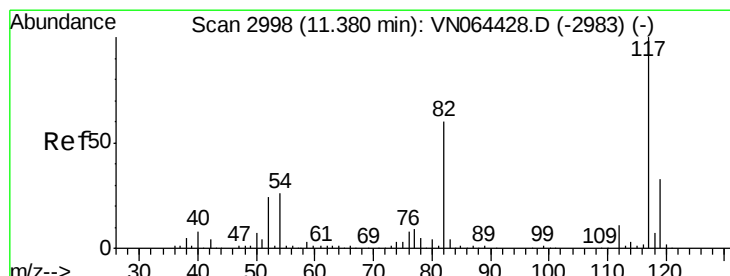
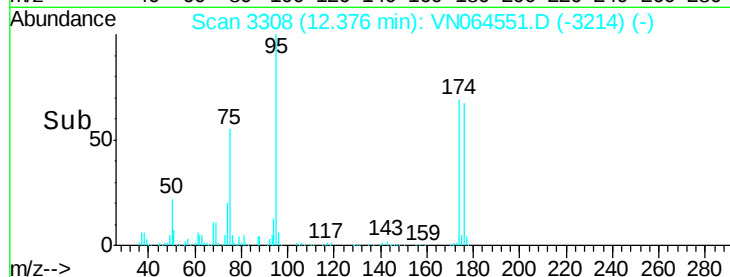
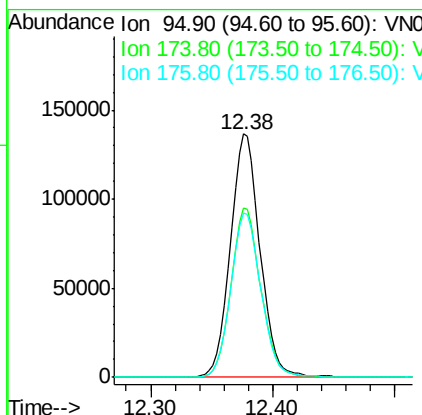
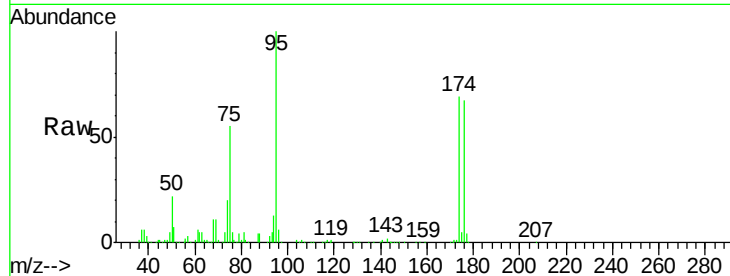
#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	230953		
174	69.9	0.0	132.6	
176	68.6	0.0	129.2	

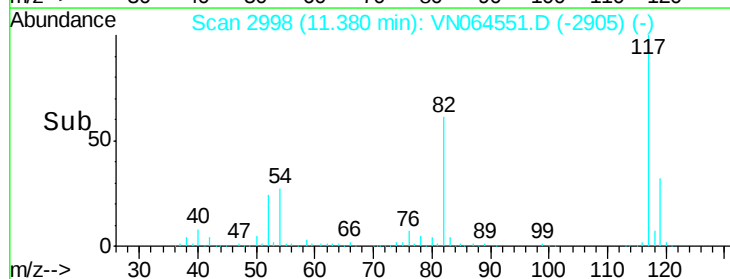
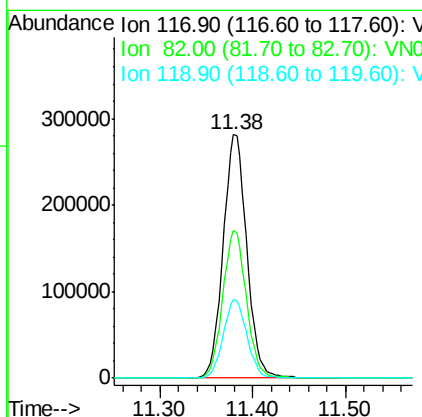
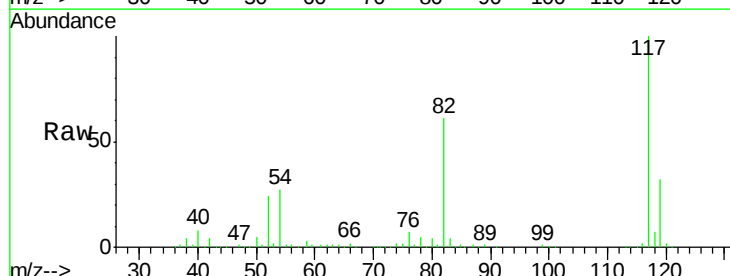
Manual Integrations
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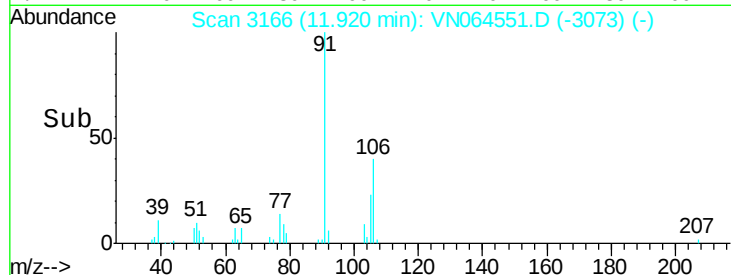
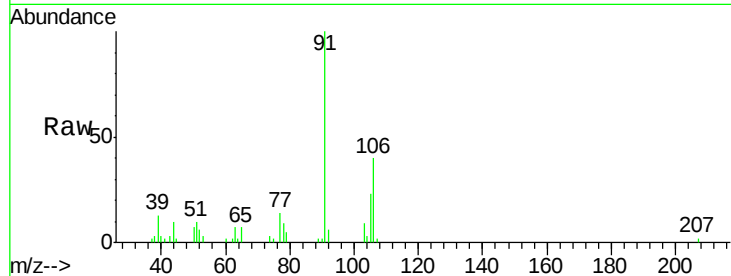
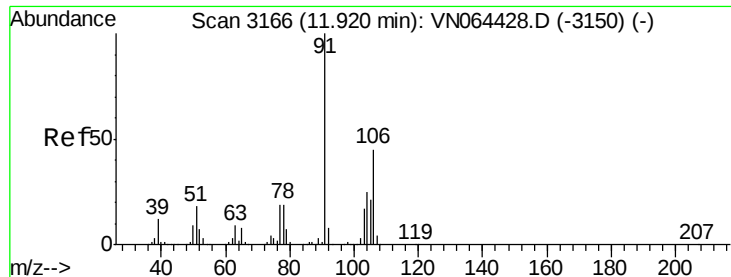
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	498258		
82	60.7	48.1	72.1	
119	32.1	26.2	39.4	





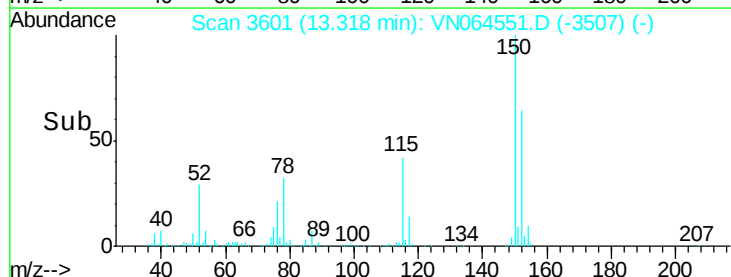
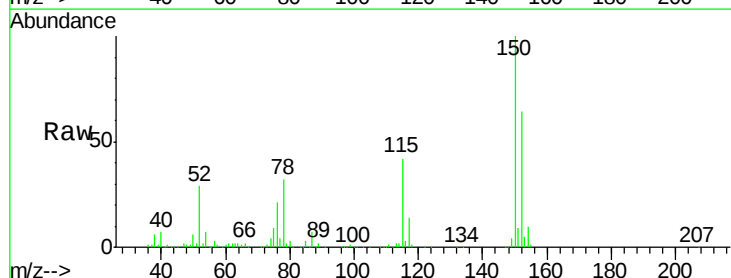
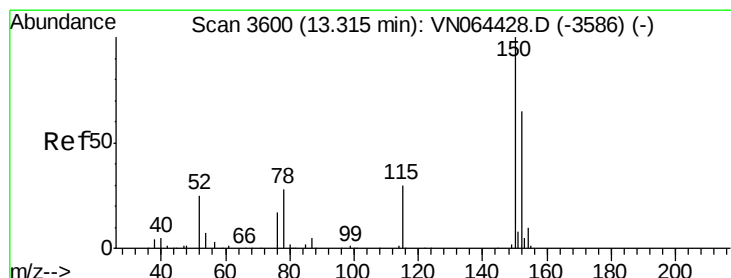
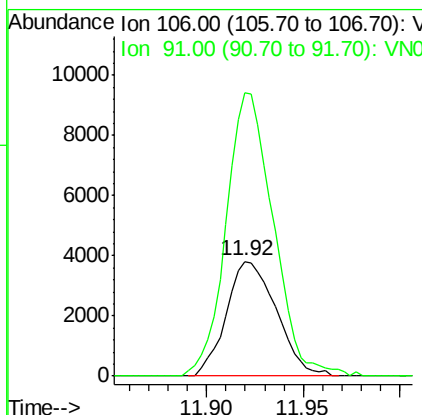
#69
o-Xylene
Concen: 1.009 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tot Ion:106 Resp: 6869
Ion Ratio Lower Upper
106 100
91 232.5 111.7 334.9

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

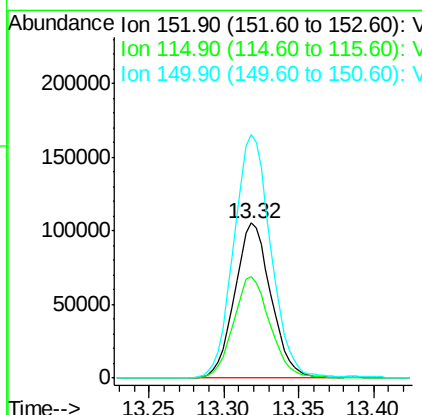
Manual Integrations
APPROVED

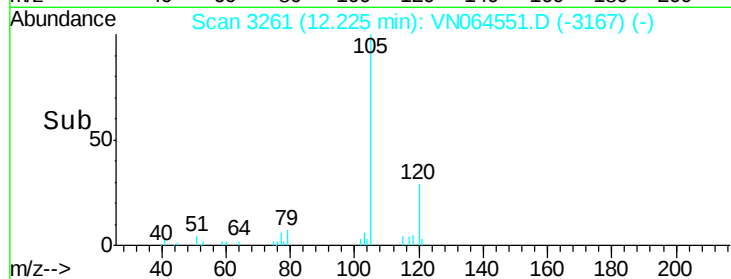
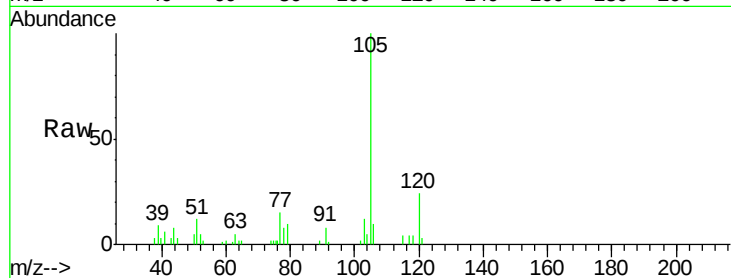
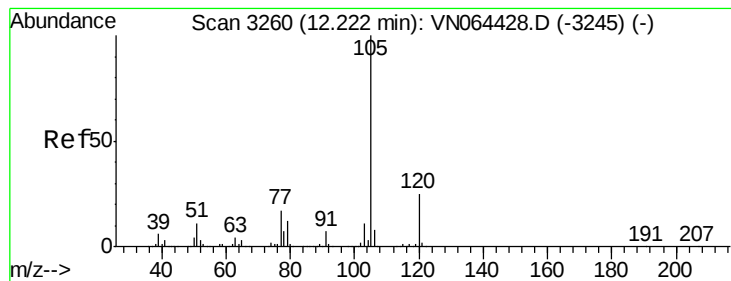
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11/12/2020 9:12:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion:152 Resp: 178022
Ion Ratio Lower Upper
152 100
115 66.3 32.0 96.0
150 161.0 0.0 353.8





#73
Isopropylbenzene
Concen: 1.298 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.1	12.8	38.3

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

Manual Integrations
APPROVED

MMDadoda
11/12/2020 9:12:27 AM

