

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064552.D
 Acq On : 11 Nov 2020 14:00
 Operator : JC/MD
 Sample : L4684-06DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460DL

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:31 AM

Quant Time: Nov 12 02:15:57 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	255160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	531452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	247058	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	7.55	113	181873	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	10.06	98	659393	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	256490	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.76	59	6697	13.664	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	4251	1.558	ug/l	94
22) Diisopropyl ether	5.91	45	2401m	0.212	ug/l	
24) 1,1-Dichloroethane	5.80	63	39370	6.323	ug/l	99
40) Benzene	8.00	78	814246	50.539	ug/l	100
42) 1,2-Dichloroethane	8.09	62	29797	4.583	ug/l	100
44) Trichloroethene	8.81	130	2569m	0.632	ug/l	
69) o-Xylene	11.92	106	5842	0.804	ug/l	97
73) Isopropylbenzene	12.23	105	15638	0.983	ug/l	99

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

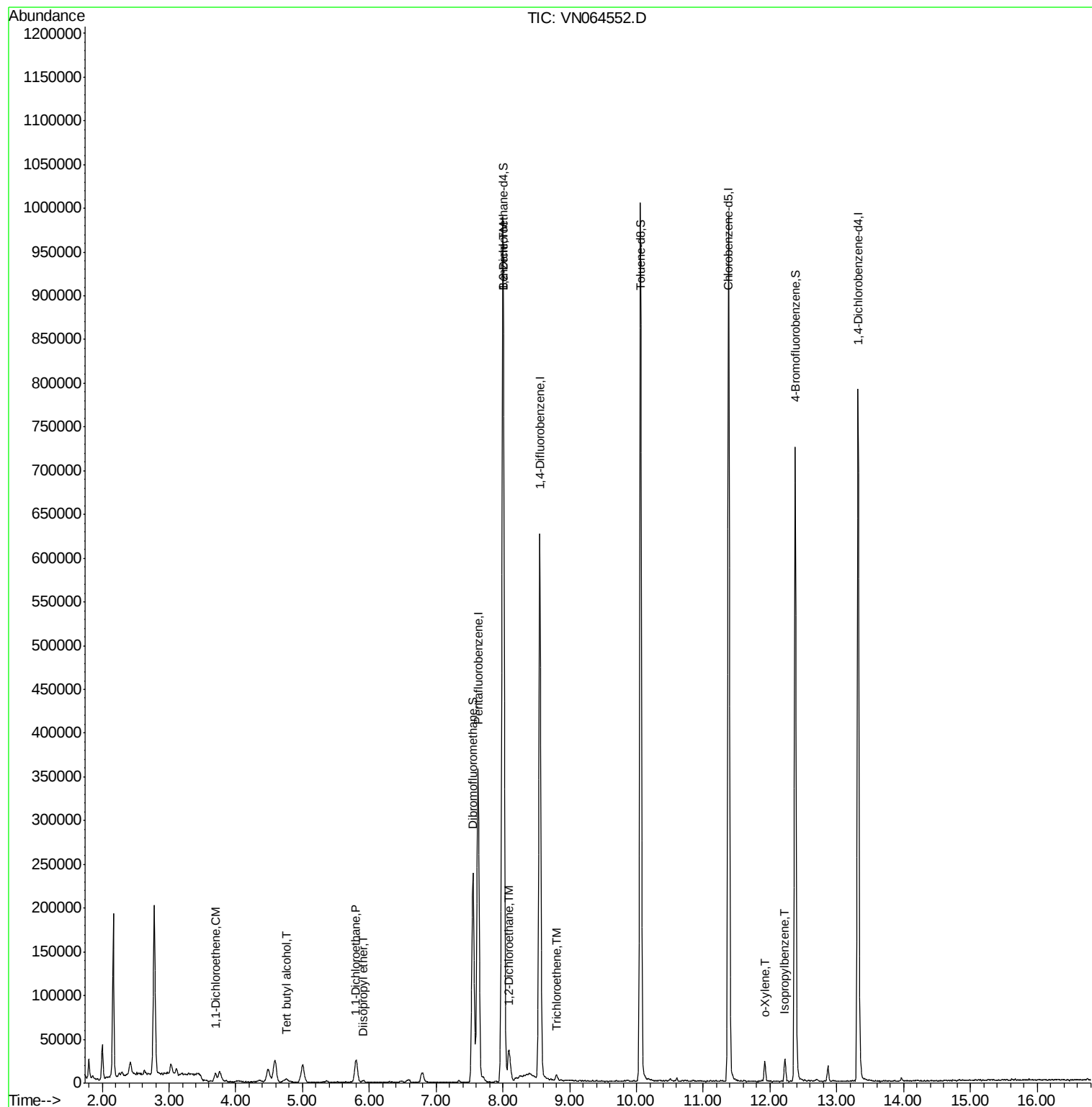
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064552.D
Acq On : 11 Nov 2020 14:00
Operator : JC/MD
Sample : L4684-06DL 4X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

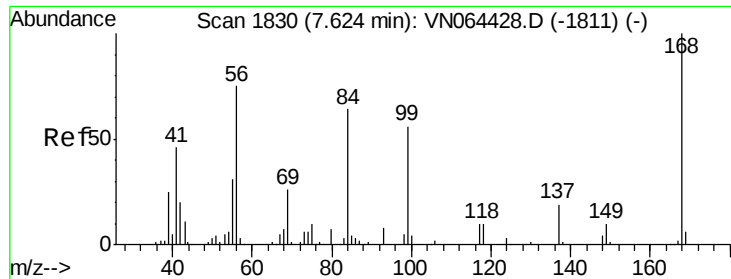
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Manual Integrations
APPROVED

MMDadoda
11/12/2020 9:12:31 AM

Quant Time: Nov 12 02:15:57 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: VN064552.D

Acq: 11 Nov 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460DL

Tot Ion:168 Resp: 255160

Ion Ratio Lower Upper

168 100

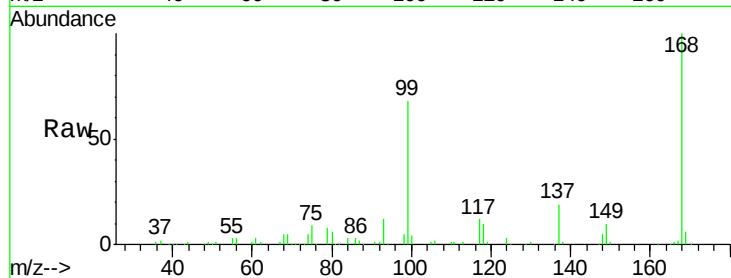
99 67.9 53.4 80.2

Manual Integrations

APPROVED

MMDadoda

11/12/2020 9:12:31 AM



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

120000

100000

80000

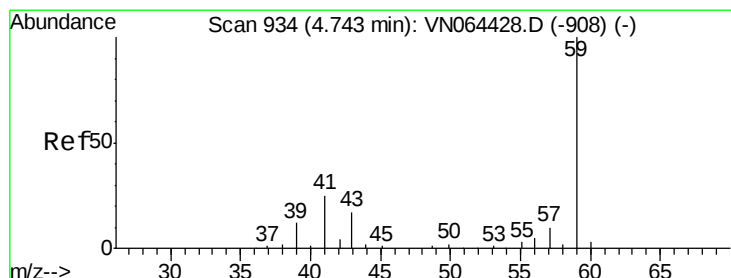
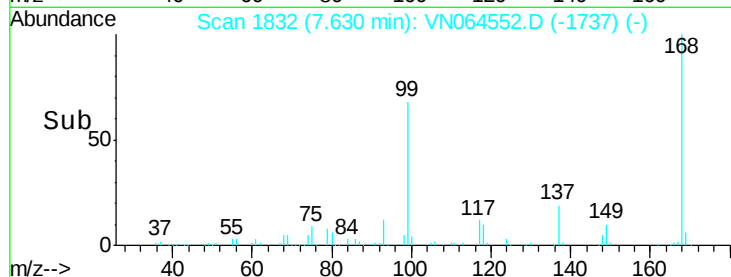
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 13.664 ug/l

RT: 4.76 min Scan# 940

Delta R.T. 0.02 min

Lab File: VN064552.D

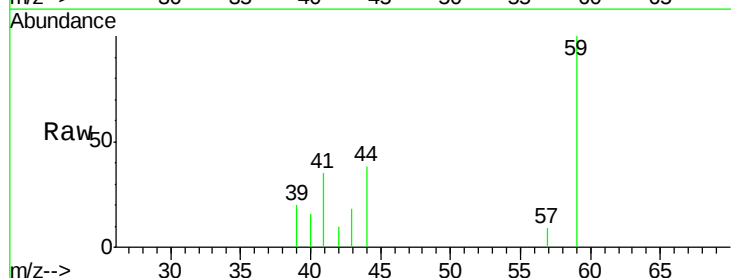
Acq: 11 Nov 2020 14:00

Tgt Ion: 59 Resp: 6697

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) (-)

4.76

2000

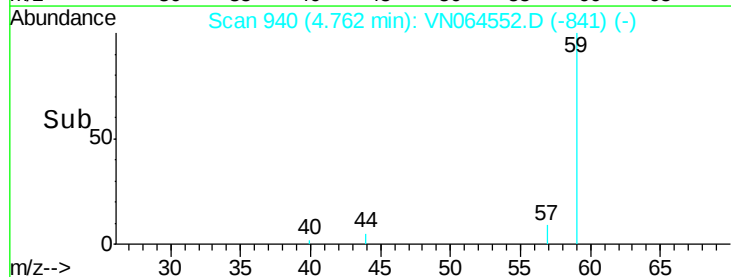
1500

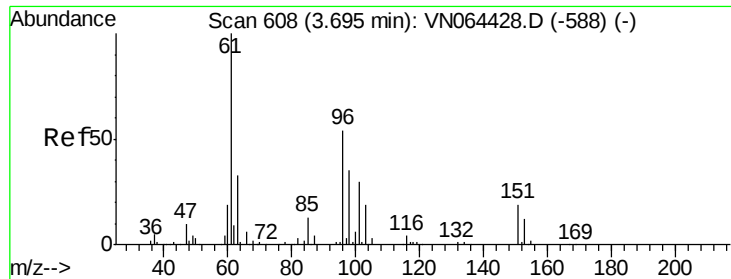
1000

500

0

Time--> 4.70 4.75 4.80 4.85





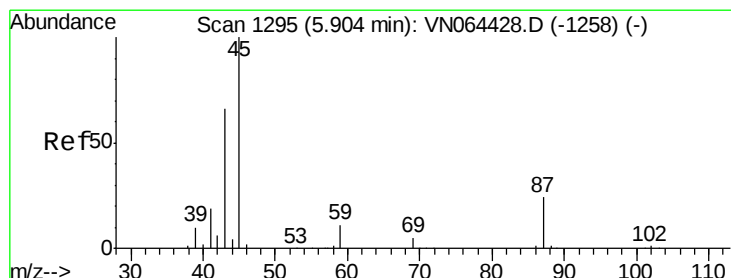
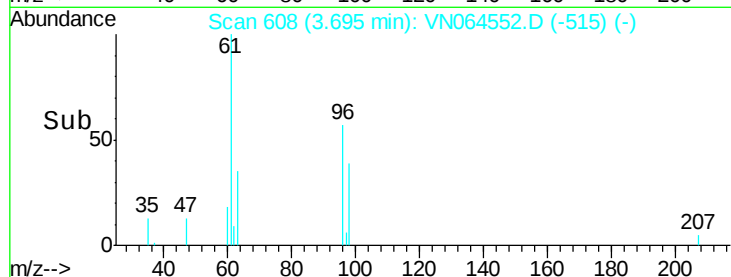
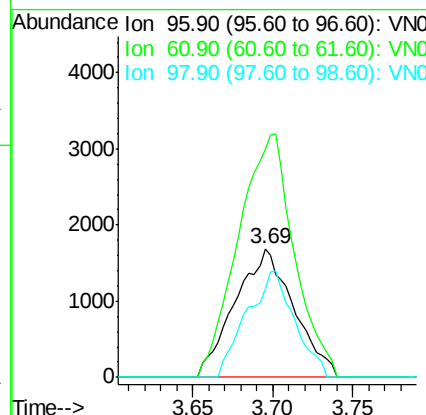
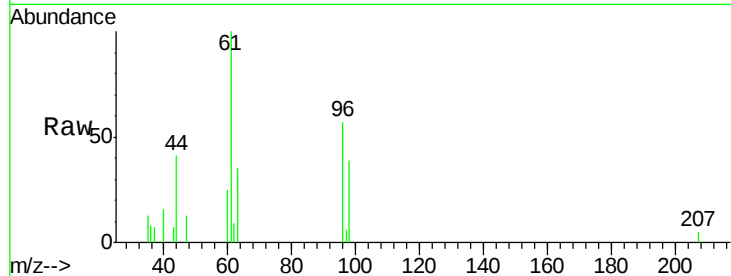
#12
 1,1-Dichloroethene
 Concen: 1.558 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.8	149.5	224.3
98	69.0	52.4	78.6

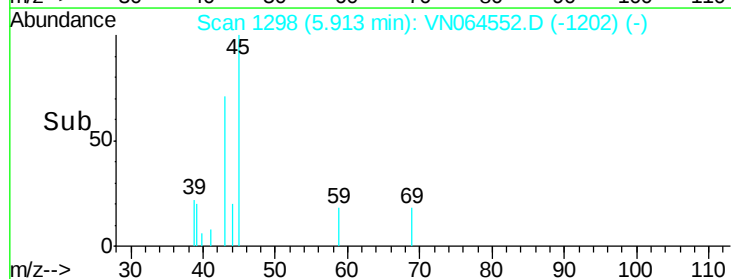
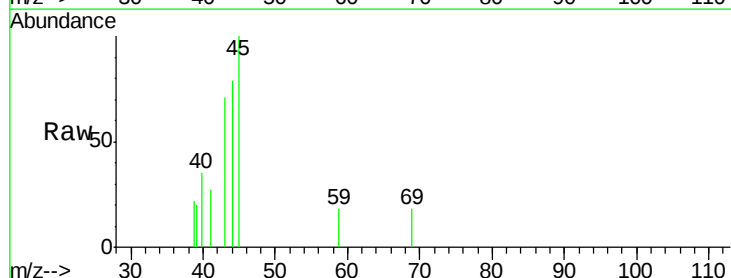
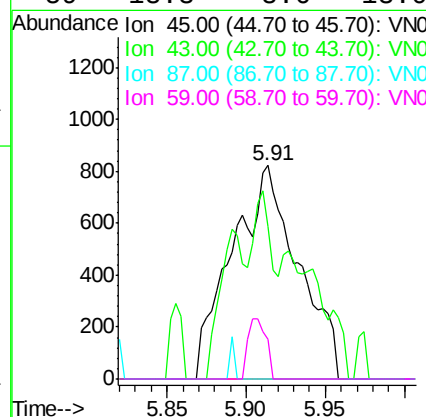
Manual Integrations
 APPROVED

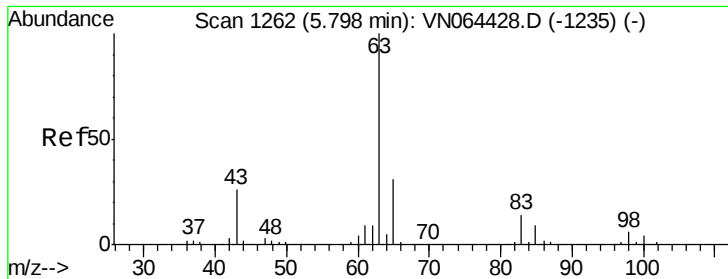
MMDadoda
 11/12/2020 9:12:31 AM



#22
 Diisopropyl ether
 Concen: 0.212 ug/l m
 RT: 5.91 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.4	53.2	79.8
87	0.0	19.9	29.9#
59	18.3	8.6	13.0#





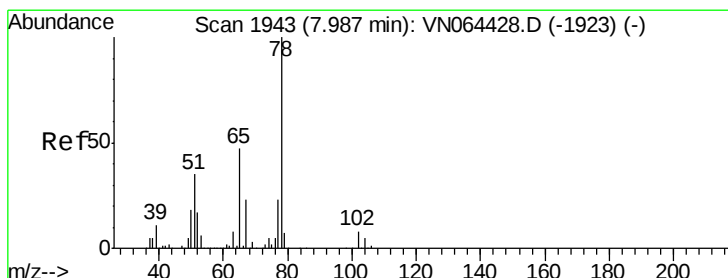
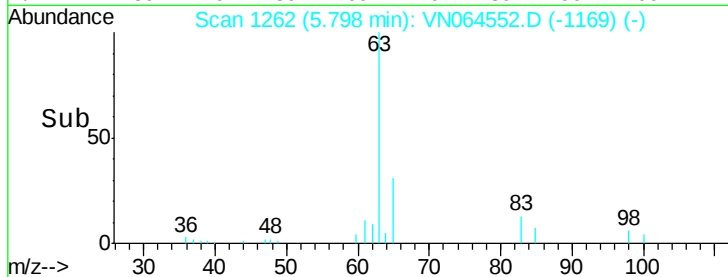
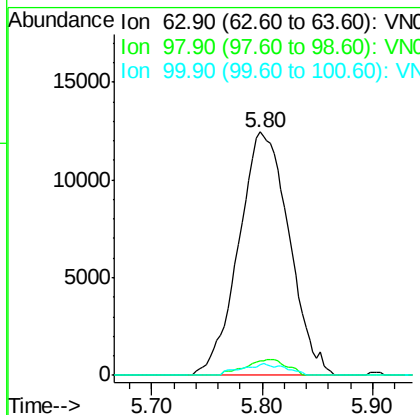
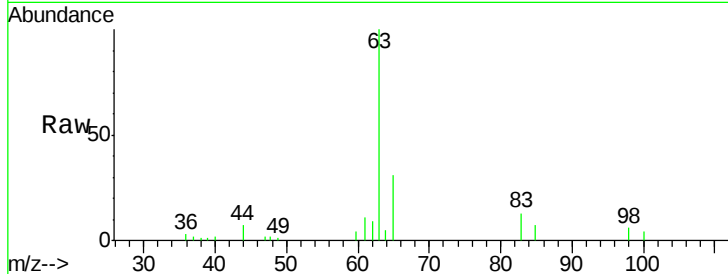
#24
 1,1-Dichloroethane
 Concen: 6.323 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460DL

Tot Ion	Ratio	Resp	Lower	Upper
63	100	39370		
98	6.1		3.0	9.2
100	4.3		1.8	5.3

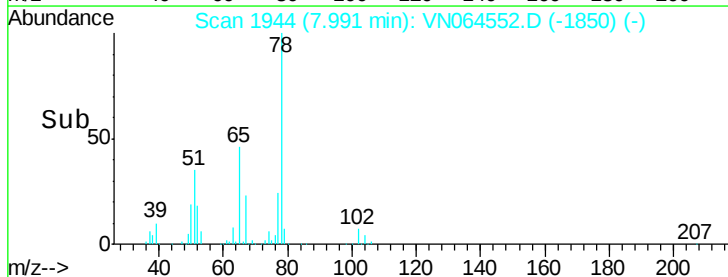
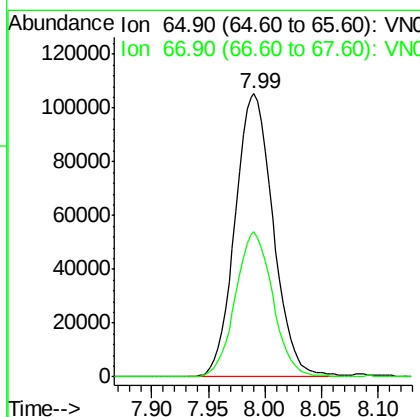
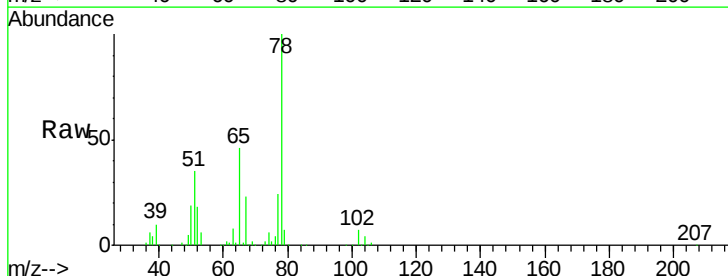
Manual Integrations
 APPROVED

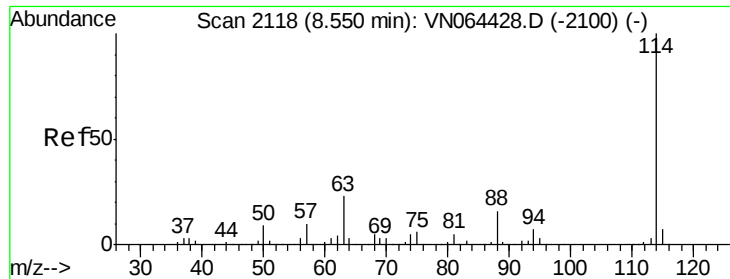
MMDadoda
 11/12/2020 9:12:31 AM



#33
 1,2-Dichloroethane-d4
 Concen: 55.587 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	247058		
67	50.3		0.0	101.6





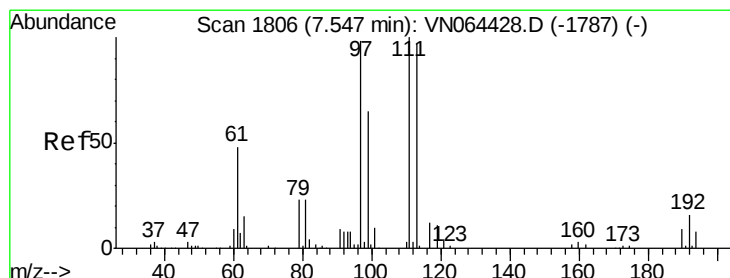
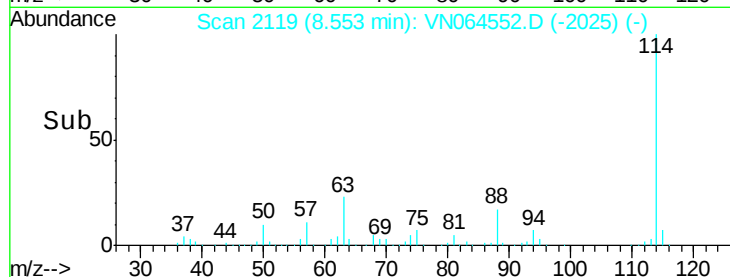
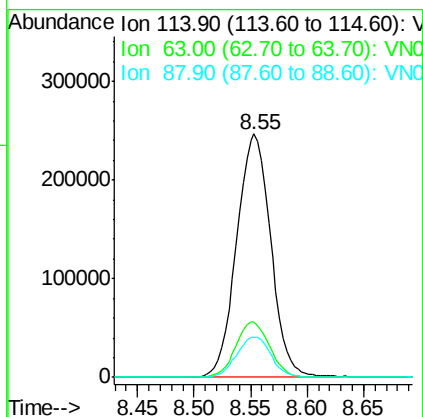
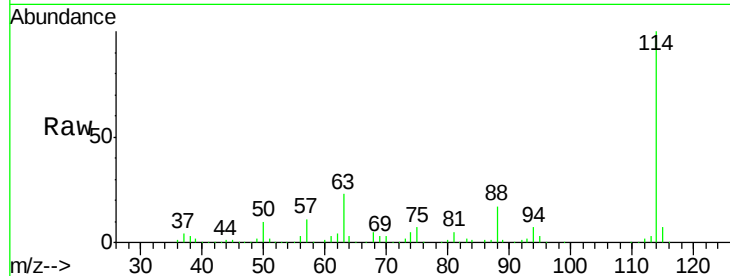
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.6	0.0	45.6
88	16.7	0.0	32.8

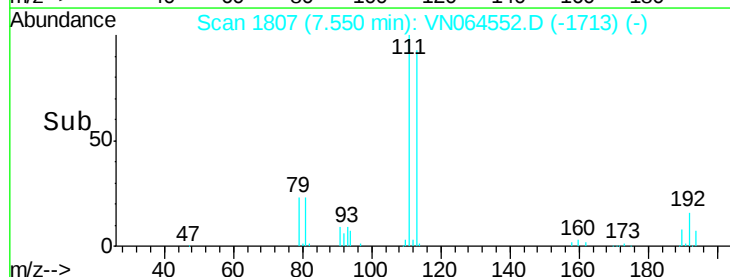
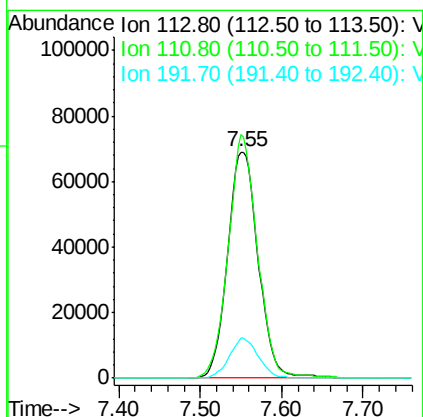
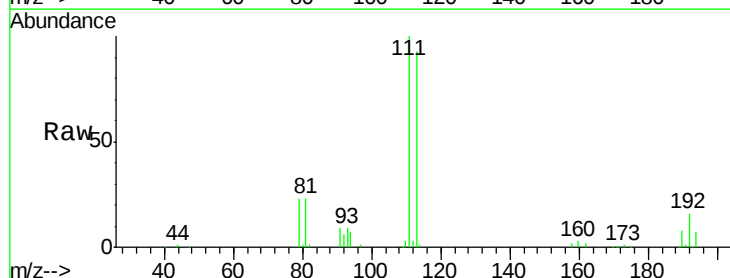
Manual Integrations
APPROVED

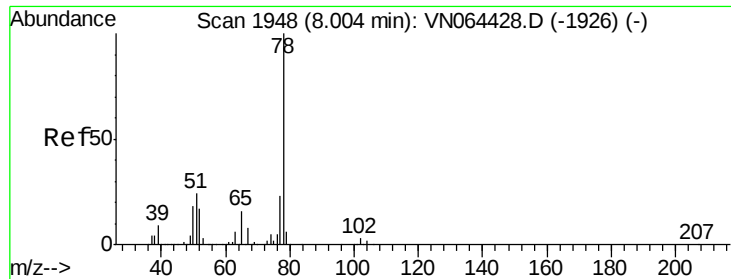
MMDadoda
11/12/2020 9:12:31 AM



#35
Dibromofluoromethane
Concen: 51.469 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.5	81.1	121.7
192	16.6	12.8	19.2





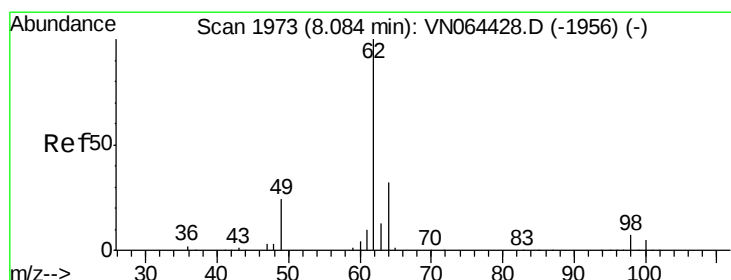
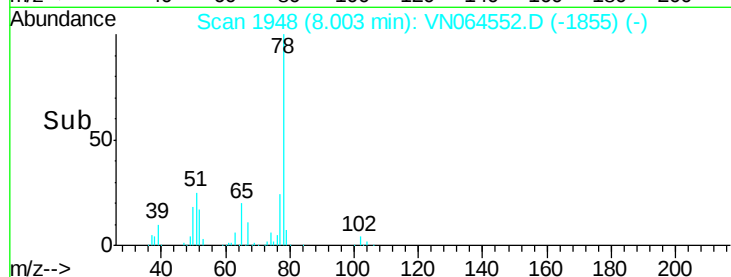
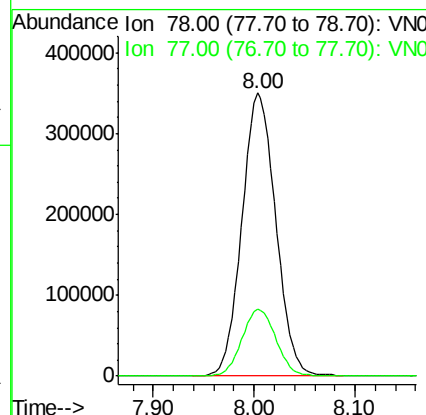
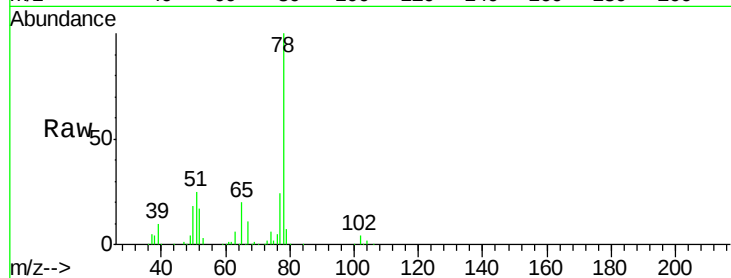
#40
Benzene
Concen: 50.539 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Tot Ion: 78 Resp: 814246
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

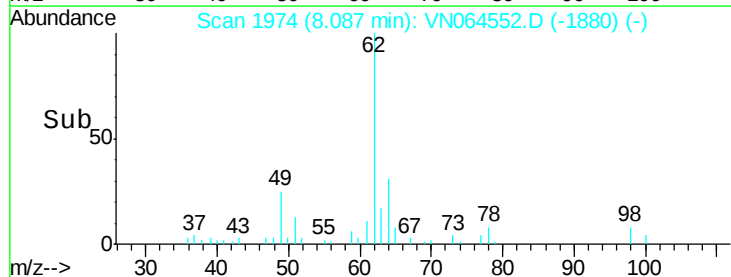
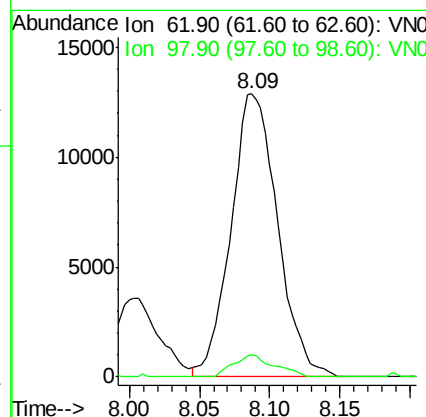
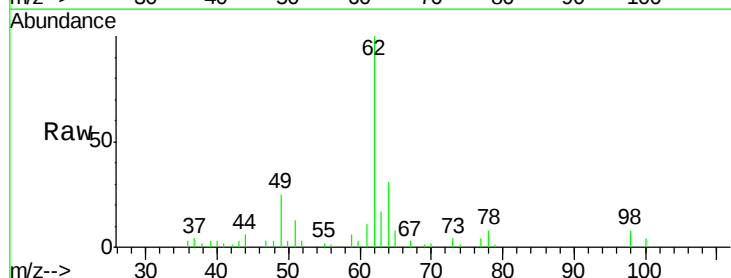
Manual Integrations
APPROVED

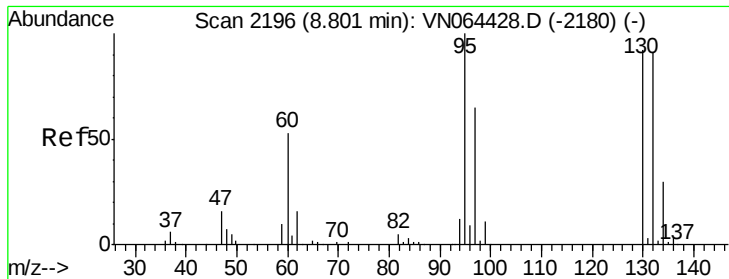
MMDadoda
11/12/2020 9:12:31 AM



#42
1,2-Dichloroethane
Concen: 4.583 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Tgt Ion: 62 Resp: 29797
Ion Ratio Lower Upper
62 100
98 6.9 0.0 14.0





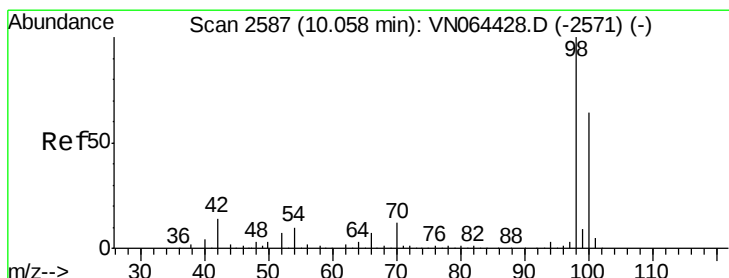
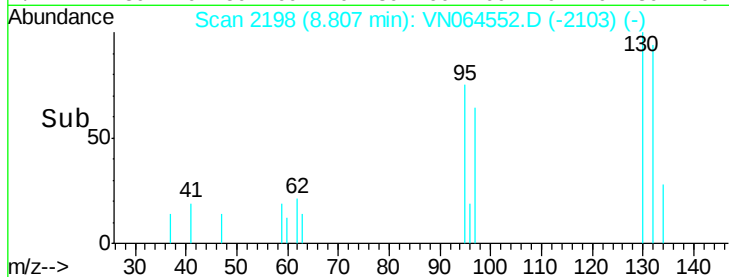
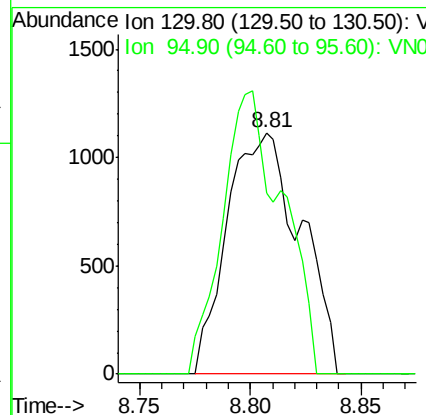
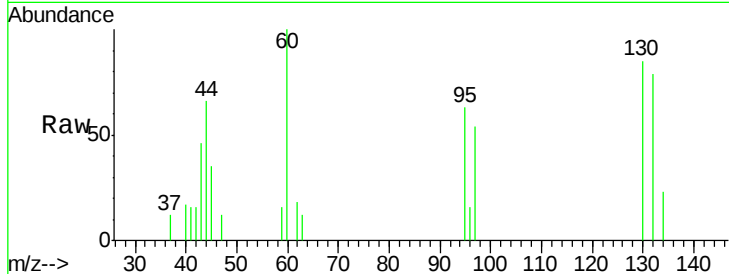
#44
 Trichloroethene
 Concen: 0.632 ug/l m
 RT: 8.81 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460DL

Tot Ion:130 Resp: 2569
 Ion Ratio Lower Upper
 130 100
 95 74.6 0.0 216.8

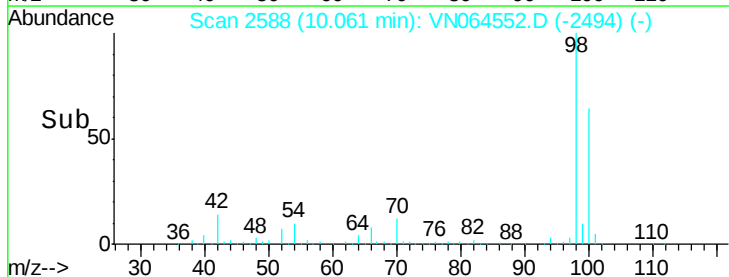
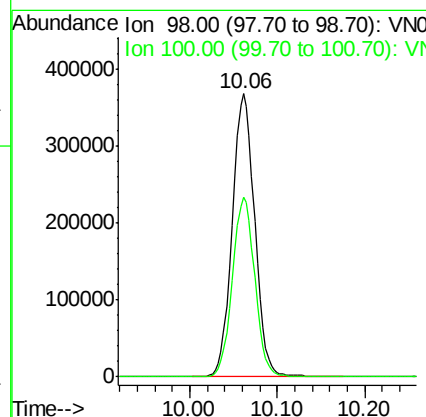
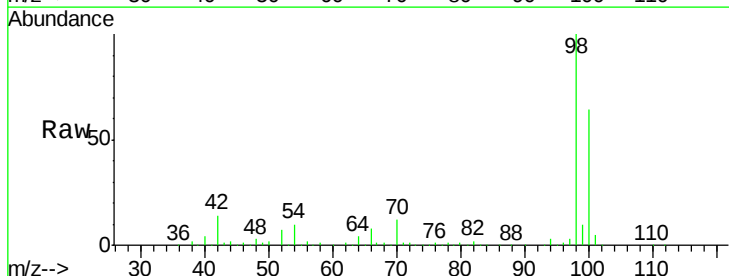
Manual Integrations
 APPROVED

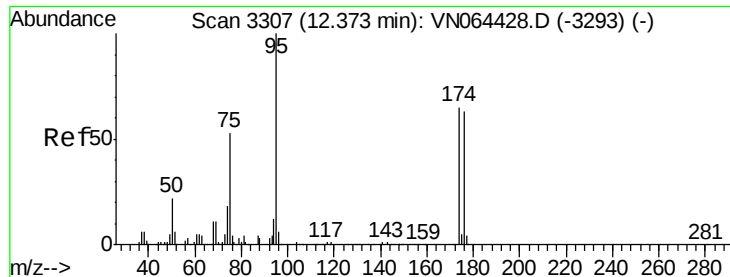
MMDadoda
 11/12/2020 9:12:31 AM



#50
 Toluene-d8
 Concen: 48.281 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064552.D
 Acq: 11 Nov 2020 14:00

Tgt Ion: 98 Resp: 659393
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.7 76.1





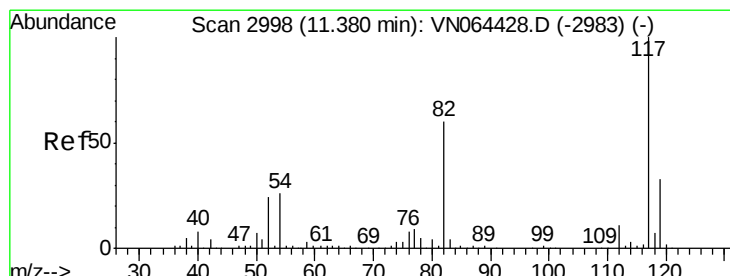
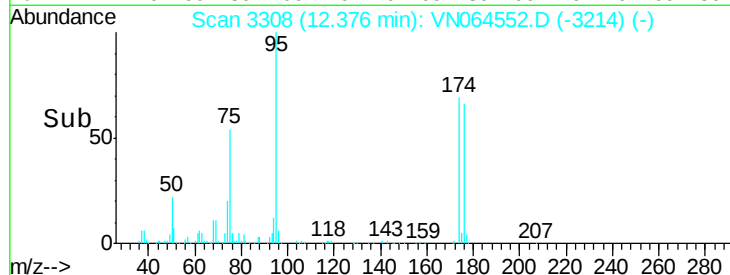
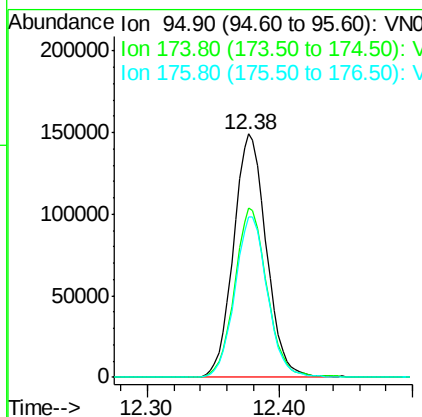
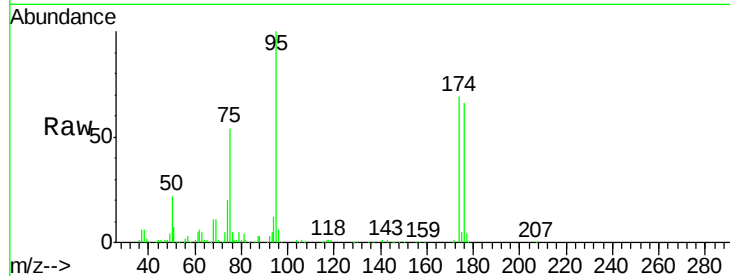
#62
4-Bromofluorobenzene
Concen: 49.659 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	256490		
174	68.4	0.0	132.6	
176	65.3	0.0	129.2	

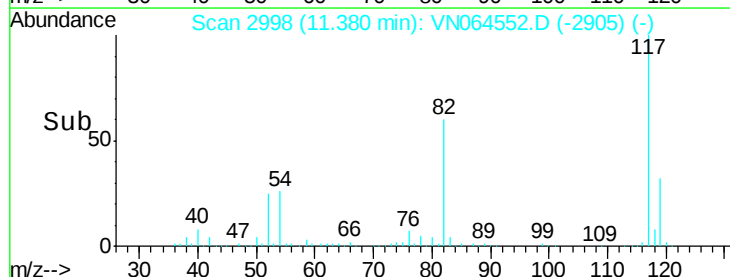
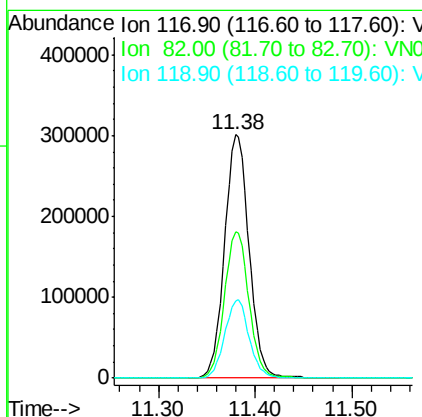
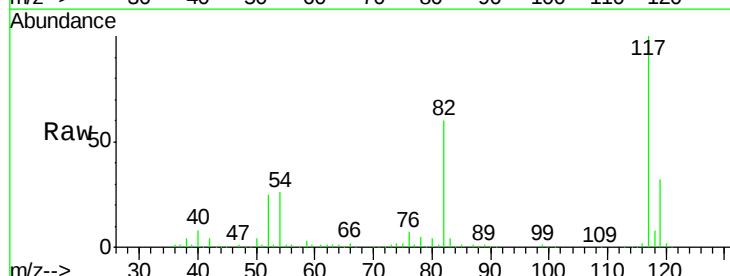
Manual Integrations
APPROVED

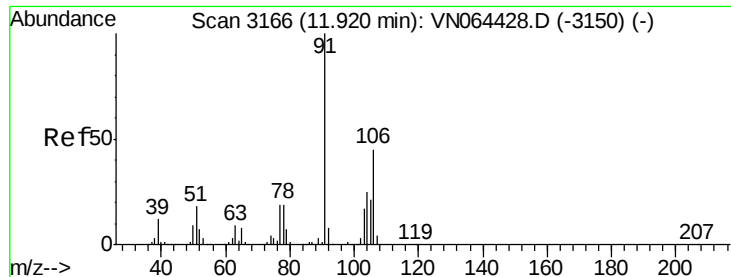
MMDadoda
11/12/2020 9:12:31 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	531452		
82	60.3	48.1	72.1	
119	31.8	26.2	39.4	





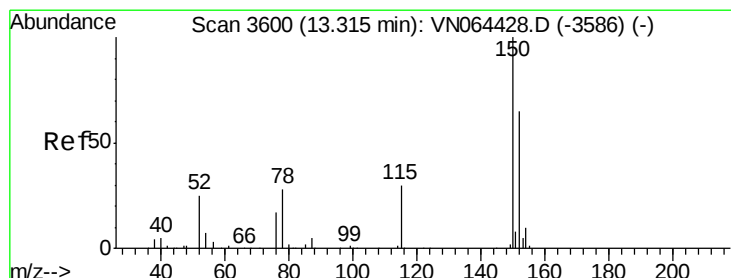
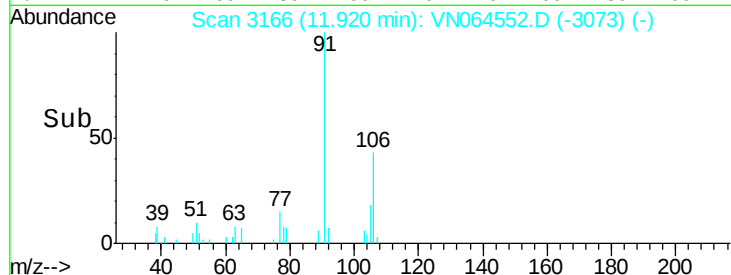
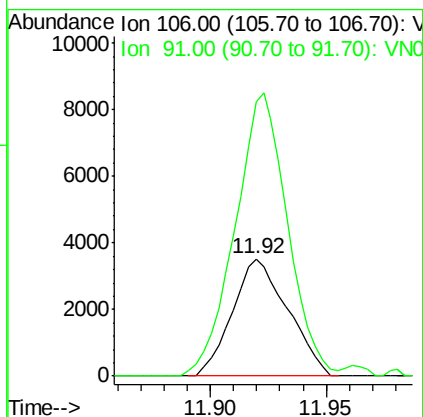
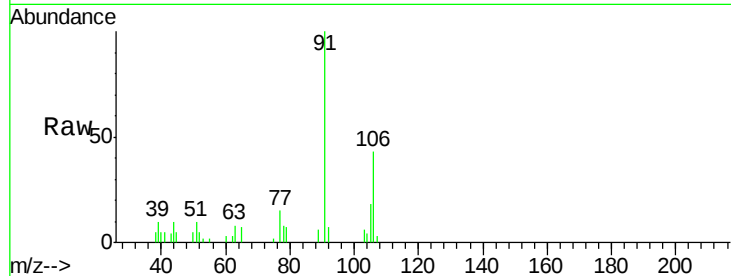
#69
o-Xylene
Concen: 0.804 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Tot Ion:106 Resp: 5842
Ion Ratio Lower Upper
106 100
91 228.2 111.7 334.9

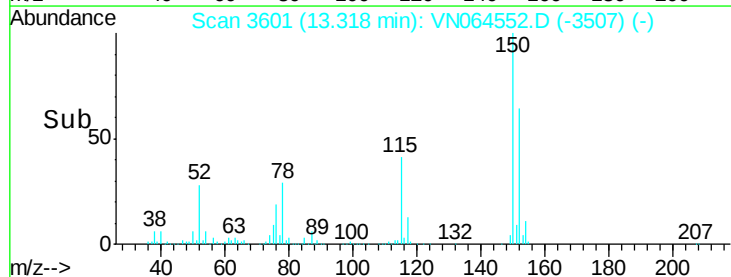
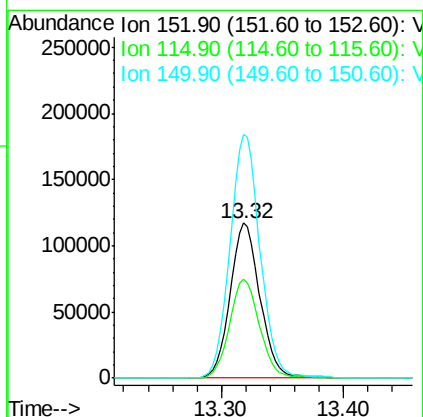
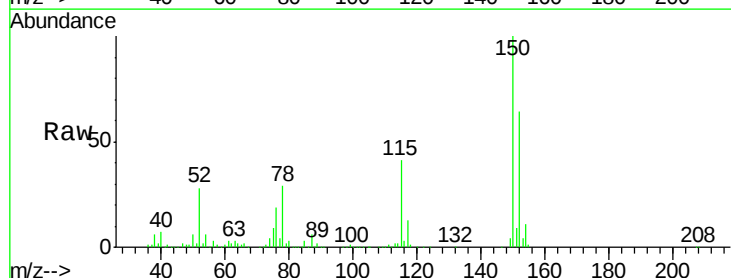
Manual Integrations
APPROVED

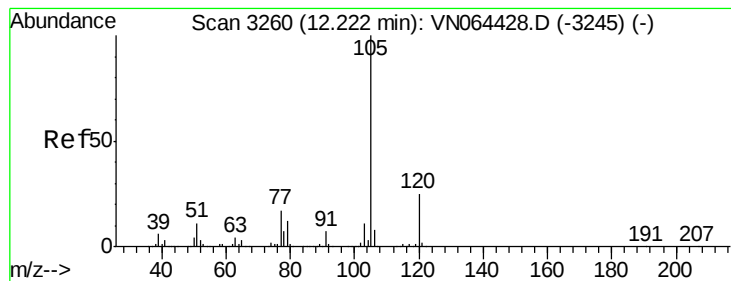
MMDadoda
11/12/2020 9:12:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Tgt Ion:152 Resp: 200209
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 157.7 0.0 353.8





#73
Isopropylbenzene
Concen: 0.983 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064552.D
Acq: 11 Nov 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.3

Manual Integrations
APPROVED

MMDadoda
11/12/2020 9:12:31 AM

