

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022668.D
 Acq On : 11 Jun 2021 15:32
 Operator : JC/MD
 Sample : M2688-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 9:38:36 AM

Quant Time: Jun 12 02:29:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	61022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50461	45.980	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.960%		
35) Dibromofluoromethane	5.403	113	35411	45.004	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	8.653	98	152056	49.023	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.085	95	56547	48.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds					Qvalue	
16) Acetone	2.385	43	19548	39.779	ug/l	91
25) 2-Butanone	4.574	43	15014	18.838	ug/l	89
31) Cyclohexane	5.482	56	470031	355.022	ug/l	97
39) Methylcyclohexane	7.384	83	128921	100.573	ug/l	91
40) Benzene	6.049	78	297090	81.267	ug/l	99
52) Toluene	8.726	92	978563	430.089	ug/l	98
67) Ethyl Benzene	10.201	91	1674761	401.523	ug/l	99
68) m/p-Xylenes	10.311	106	1812870	1199.950	ug/l	97
69) o-Xylene	10.646	106	936248	639.596	ug/l	96
73) Isopropylbenzene	10.963	105	87683	22.418	ug/l	99
78) n-propylbenzene	11.311	91	217514	46.041	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	308249	94.609	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1178212	356.518	ug/l	97
85) sec-Butylbenzene	11.896	105	8672m	2.170	ug/l	
86) p-Isopropyltoluene	12.012	119	5966m	1.808	ug/l	
95) Naphthalene	13.780	128	318329	77.784	ug/l	100

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

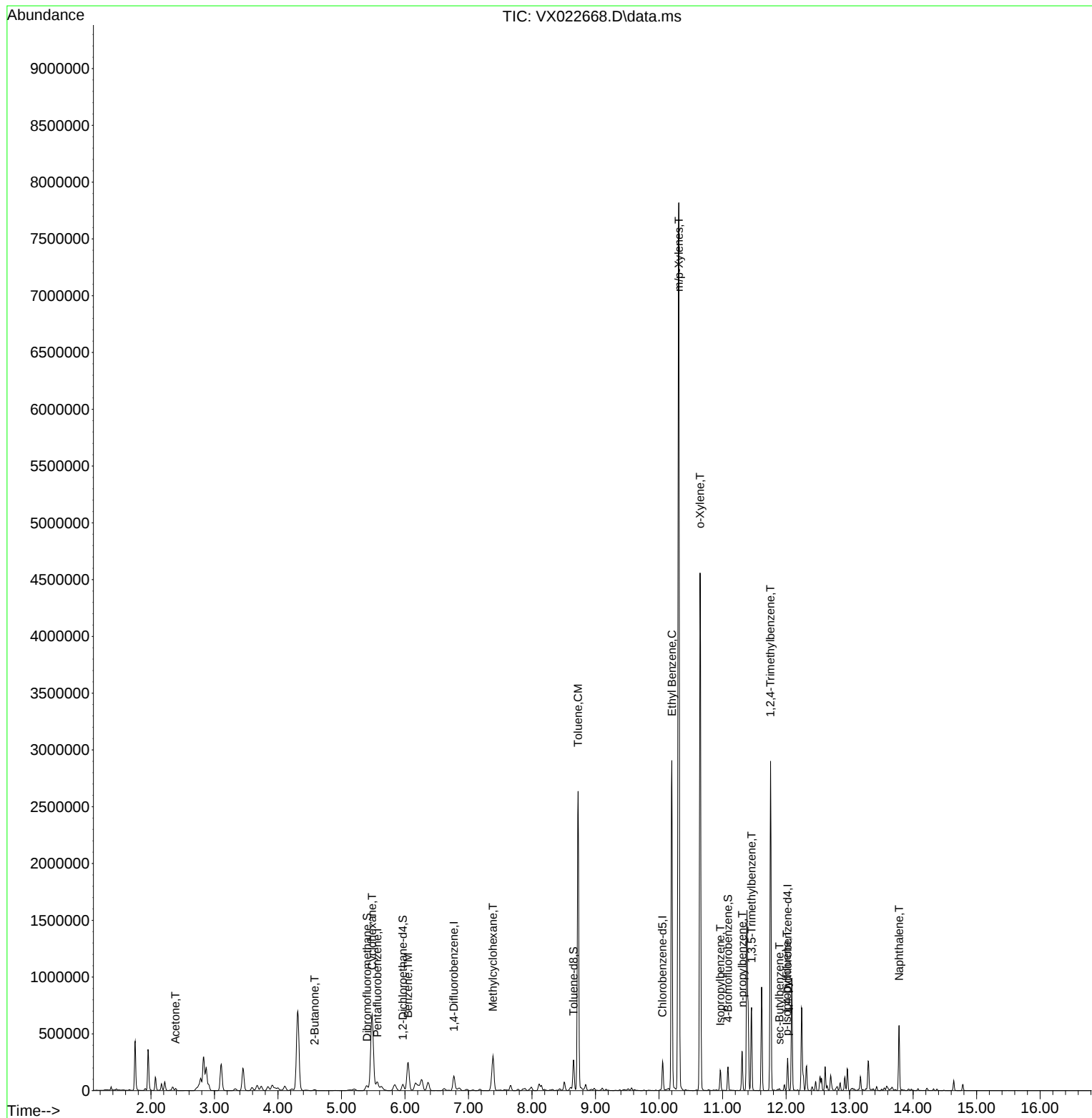
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
Data File : VX022668.D
Acq On : 11 Jun 2021 15:32
Operator : JC/MD
Sample : M2688-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

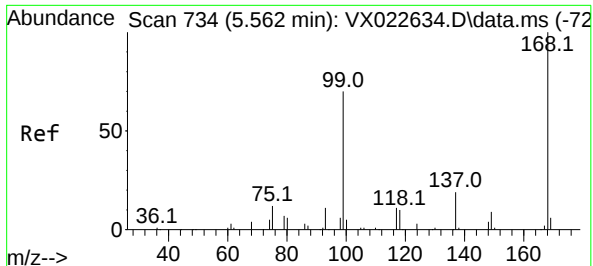
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Manual Integrations
APPROVED

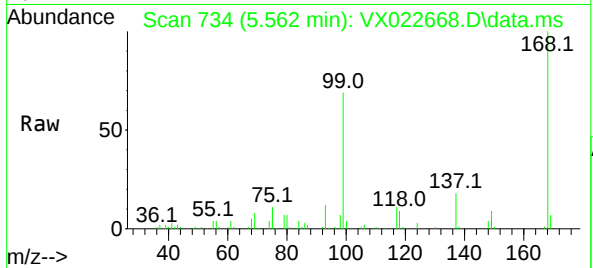
MMDadoda
6/14/2021 9:38:36 AM

Quant Time: Jun 12 02:29:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

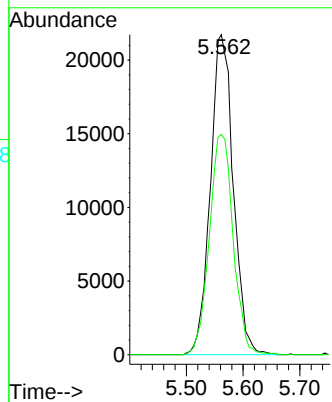
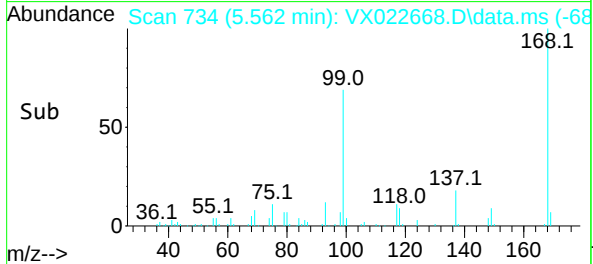




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



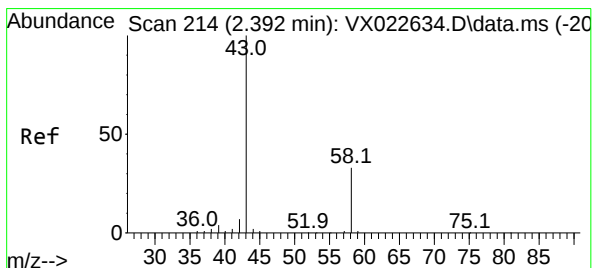
Tgt Ion:168 Resp: 61022
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



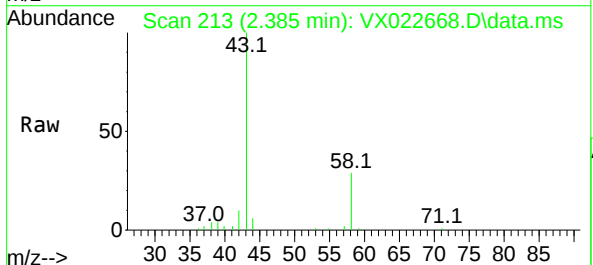
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Manual Integrations
APPROVED

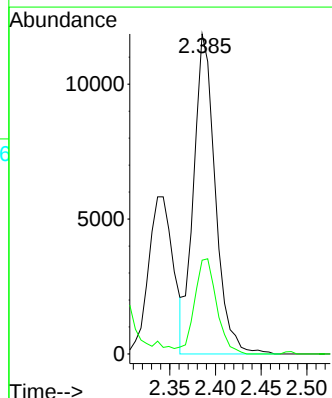
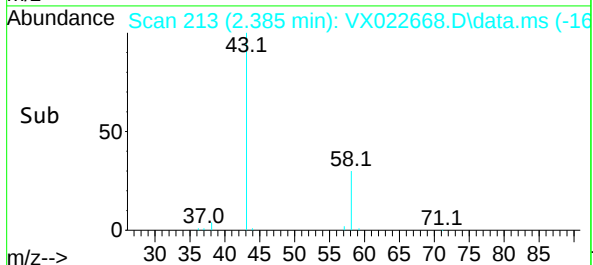
MMDadoda
6/14/2021 9:38:36 AM

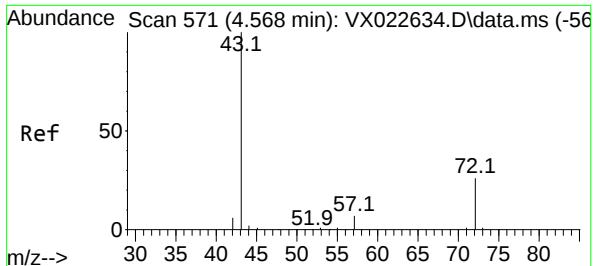


#16
Acetone
Concen: 39.779 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



Tgt Ion: 43 Resp: 19548
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8





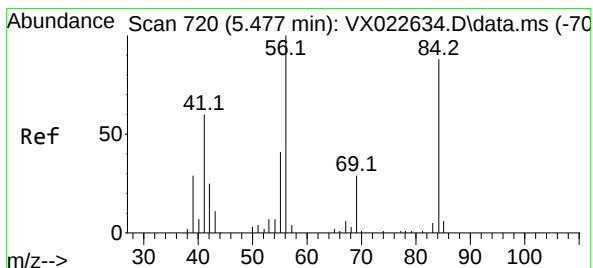
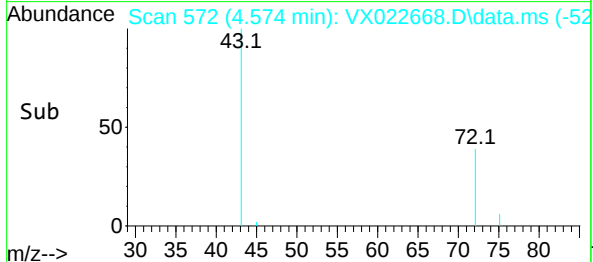
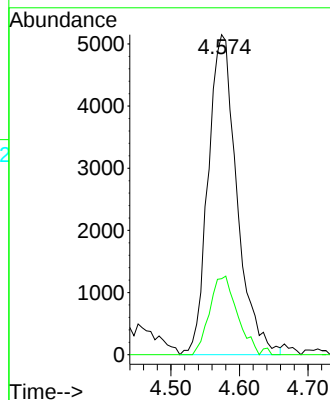
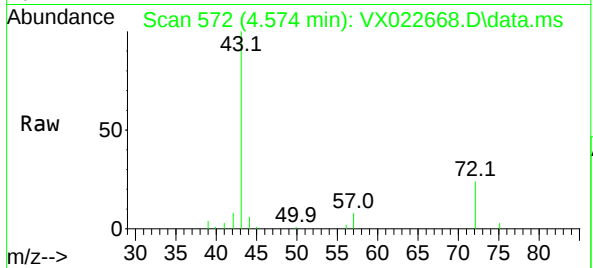
#25
2-Butanone
Concen: 18.838 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion: 43 Resp: 15014
Ion Ratio Lower Upper
43 100
72 23.8 23.7 35.5

Instrument :
MSVOA_X
ClientSampled :
MW-3

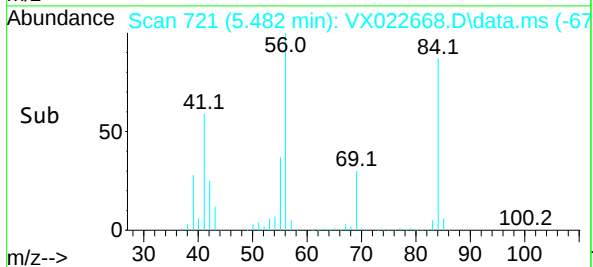
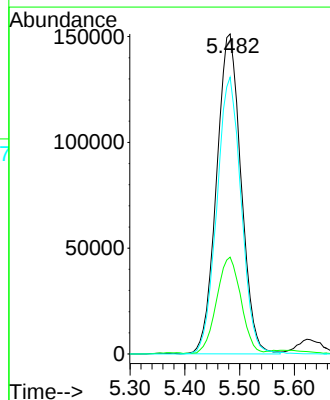
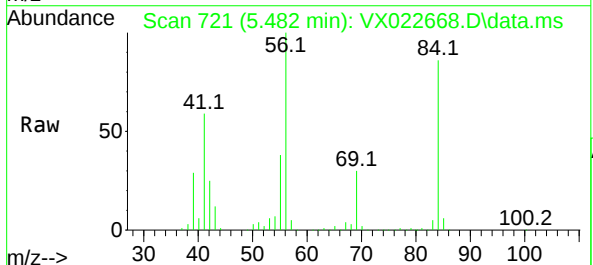
Manual Integrations
APPROVED

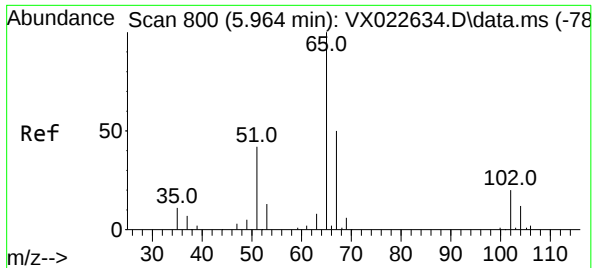
MMDadoda
6/14/2021 9:38:36 AM



#31
Cyclohexane
Concen: 355.022 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.005 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion: 56 Resp: 470031
Ion Ratio Lower Upper
56 100
69 29.9 25.3 37.9
84 86.5 71.4 107.0





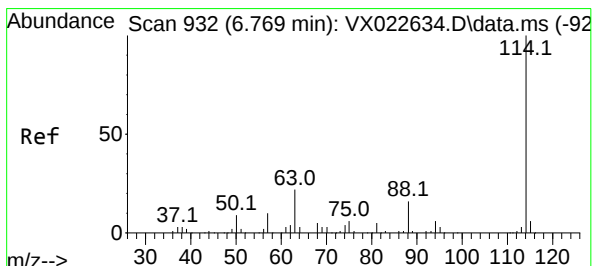
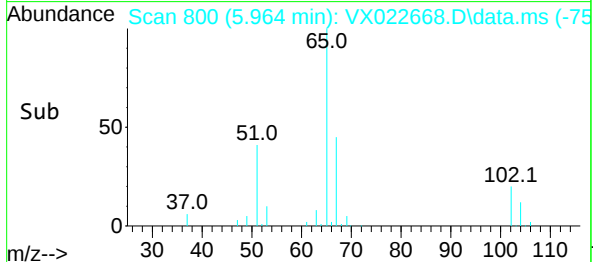
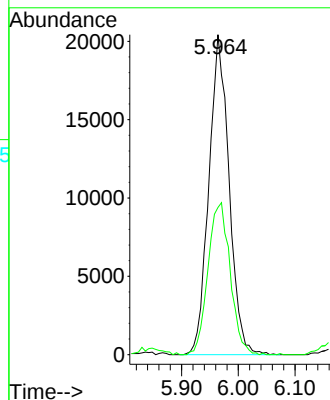
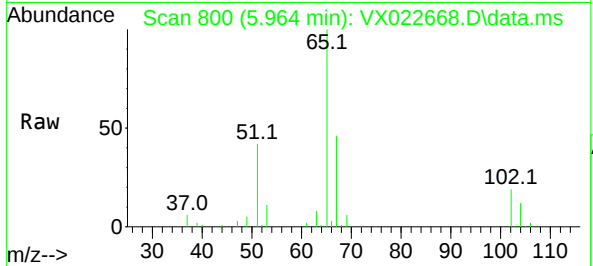
#33
1,2-Dichloroethane-d4
Concen: 45.980 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion: 65 Resp: 50461
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW-3

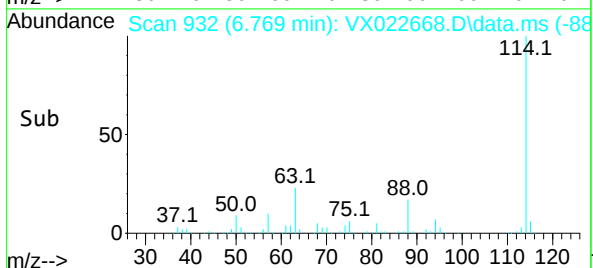
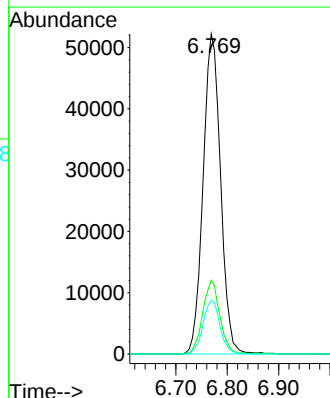
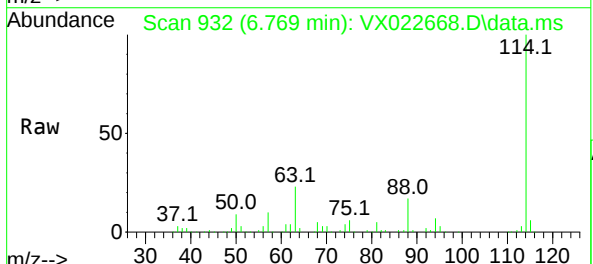
Manual Integrations
APPROVED

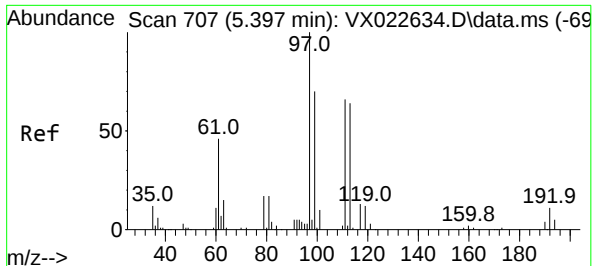
MMDadoda
6/14/2021 9:38:36 AM



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

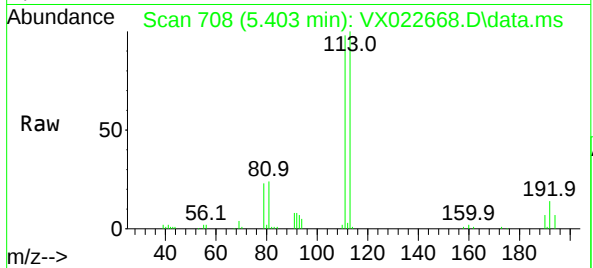
Tgt Ion: 114 Resp: 123324
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 45.004 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

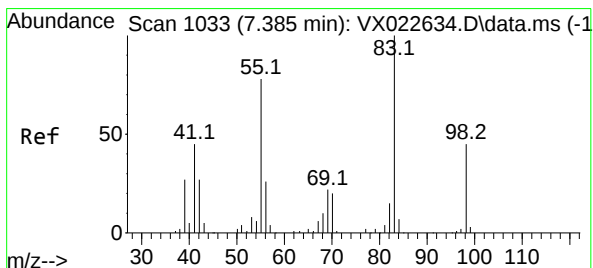
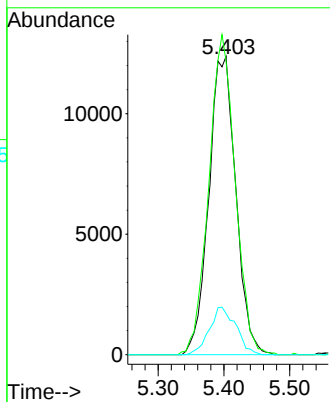
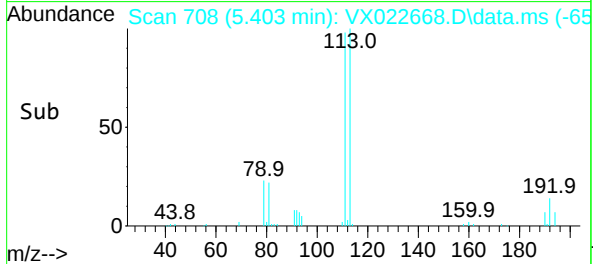
Instrument :
MSVOA_X
ClientSampled :
MW-3



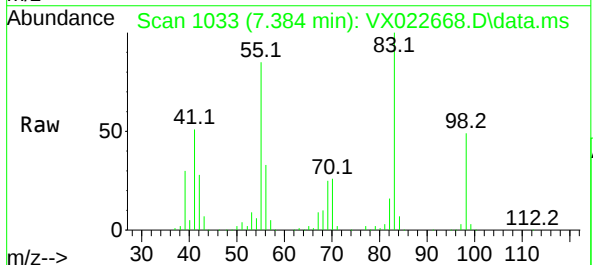
Tgt Ion:113 Resp: 35411
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 15.6 16.7 25.1#

Manual Integrations
APPROVED

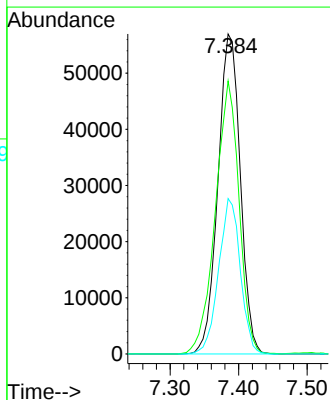
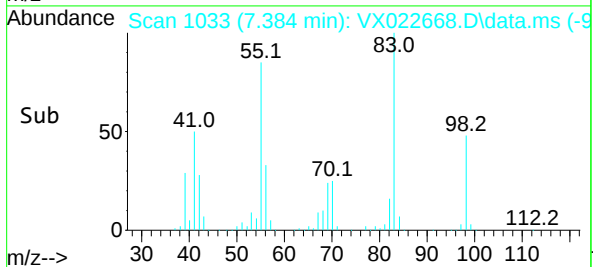
MMDadoda
6/14/2021 9:38:36 AM

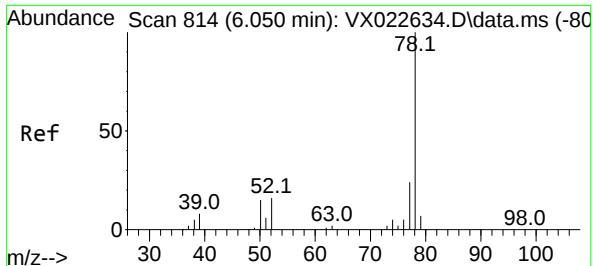


#39
Methylcyclohexane
Concen: 100.573 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.001 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

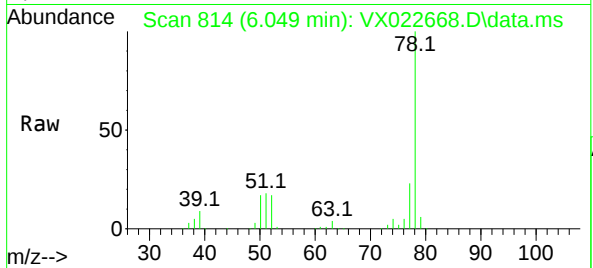


Tgt Ion: 83 Resp: 128921
Ion Ratio Lower Upper
83 100
55 85.3 58.9 88.3
98 48.6 38.1 57.1

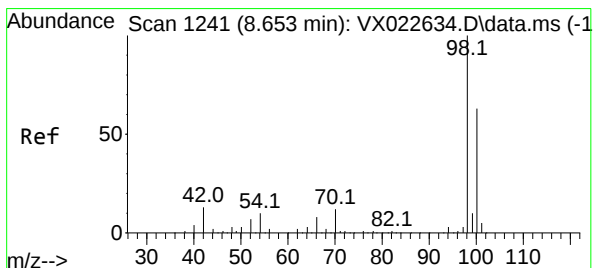
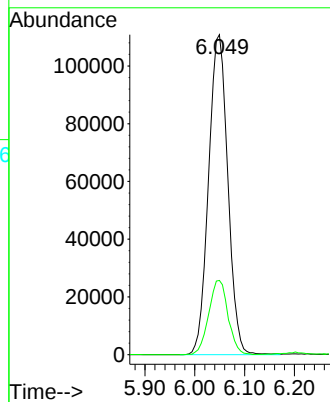
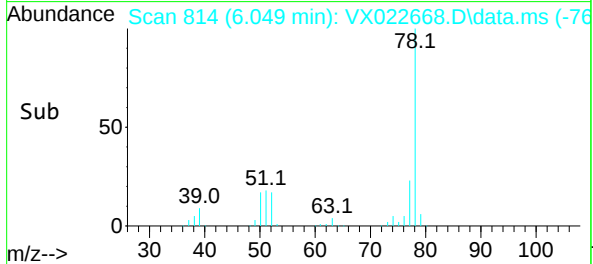




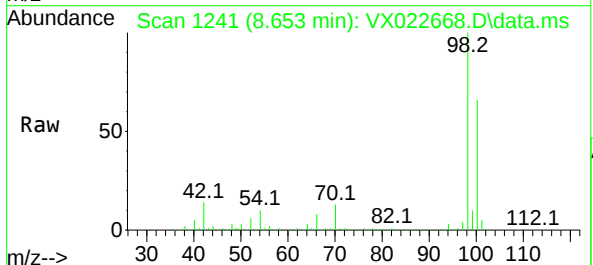
#40
Benzene
Concen: 81.267 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.001 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



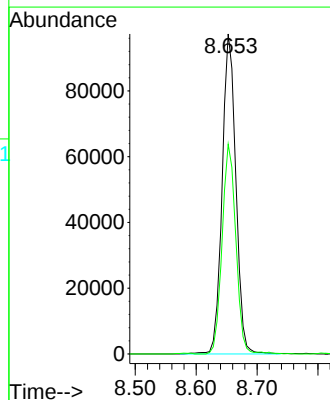
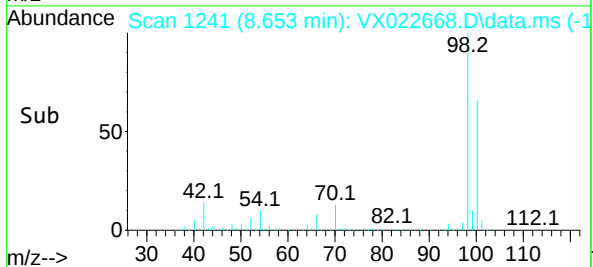
Tgt Ion: 78 Resp: 297090
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



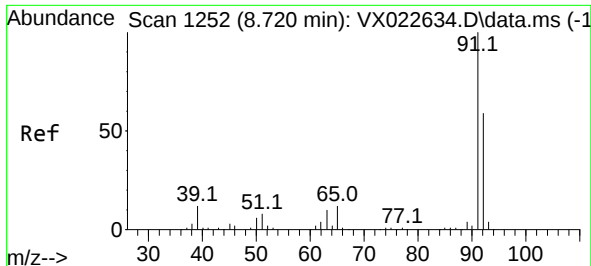
Tgt Ion: 98 Resp: 152056
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



Instrument :
MSVOA_X
ClientSampleId :
MW-3

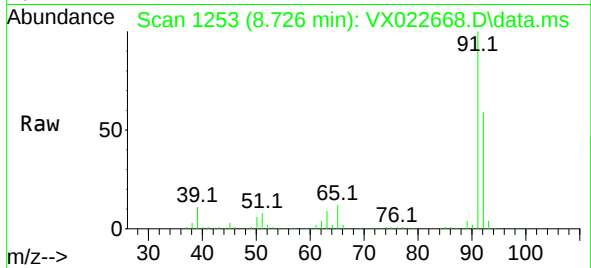
Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:36 AM



#52
Toluene
Concen: 430.089 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

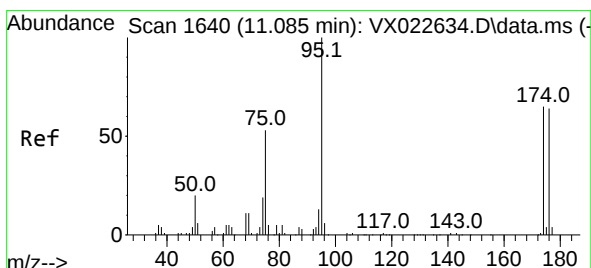
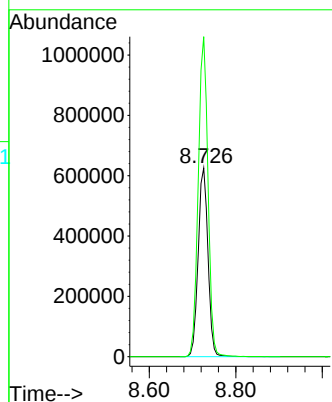
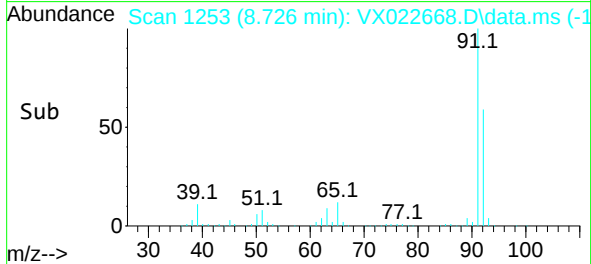
Instrument :
MSVOA_X
ClientSampled :
MW-3



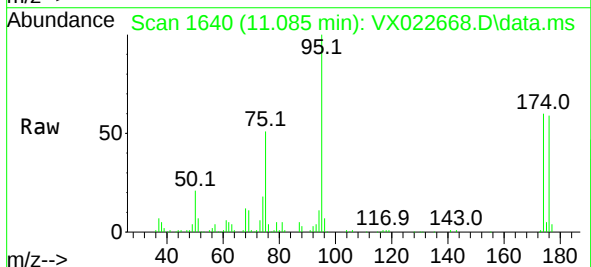
Tgt Ion: 92 Resp: 978563
Ion Ratio Lower Upper
92 100
91 169.3 137.1 205.7

Manual Integrations
APPROVED

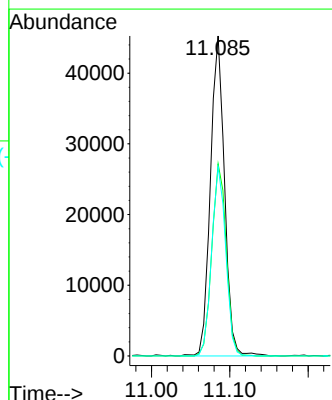
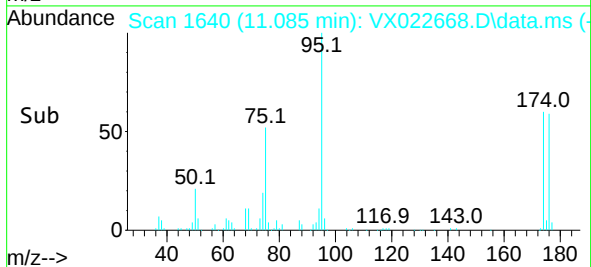
MMDadoda
6/14/2021 9:38:36 AM

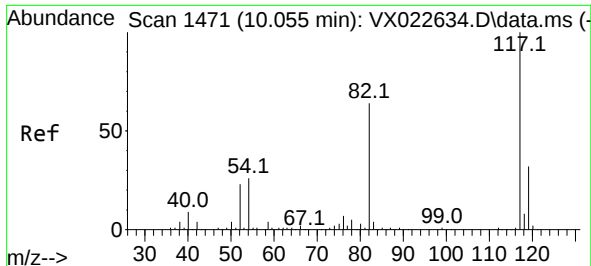


#62
4-Bromofluorobenzene
Concen: 48.204 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

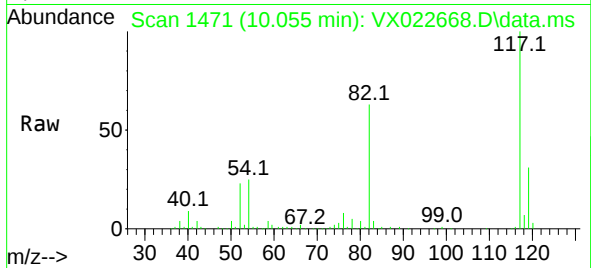


Tgt Ion: 95 Resp: 56547
Ion Ratio Lower Upper
95 100
174 61.1 0.0 154.6
176 58.8 0.0 155.8

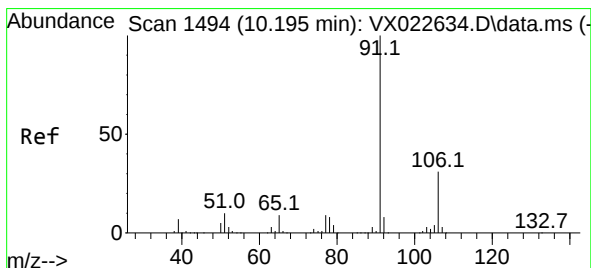
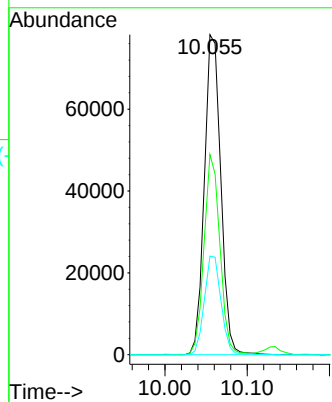
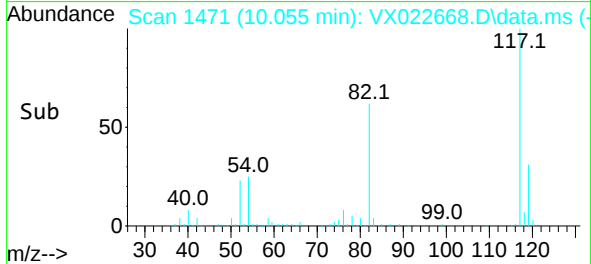




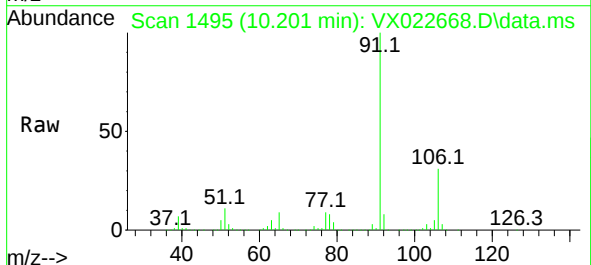
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



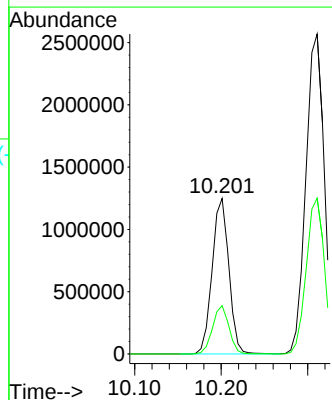
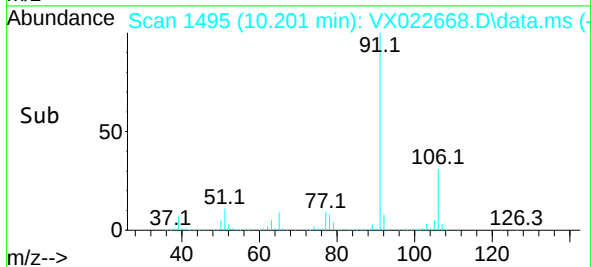
Tgt Ion:117 Resp: 108710
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 30.8 26.6 39.8



#67
Ethyl Benzene
Concen: 401.523 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



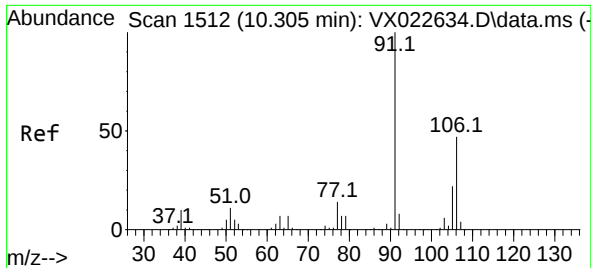
Tgt Ion: 91 Resp: 1674761
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



Instrument :
MSVOA_X
ClientSampled :
MW-3

Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:36 AM



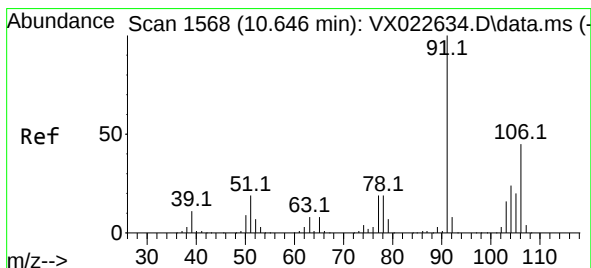
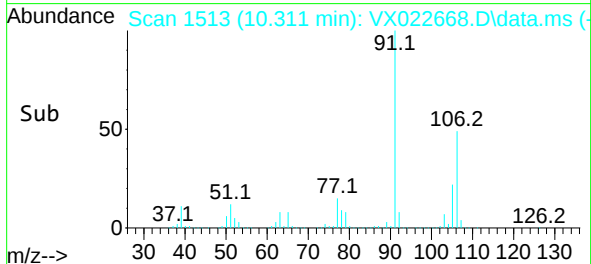
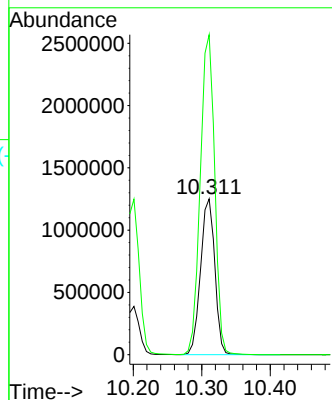
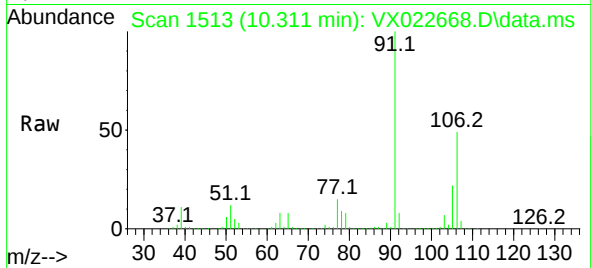
#68
m/p-Xylenes
Concen: 1199.950 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion:106 Resp: 1812870
Ion Ratio Lower Upper
106 100
91 207.5 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
MW-3

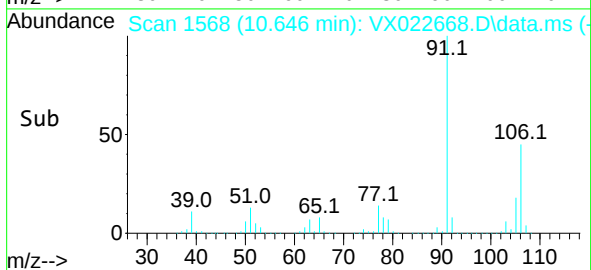
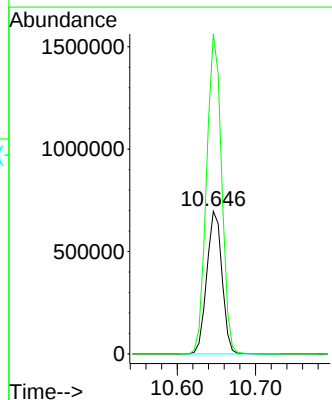
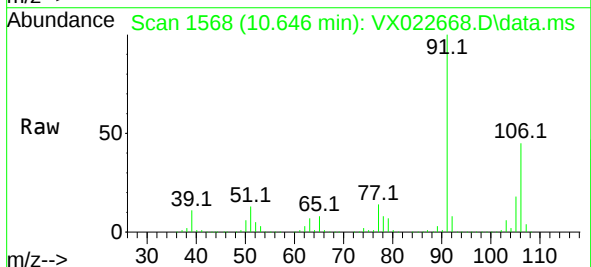
Manual Integrations
APPROVED

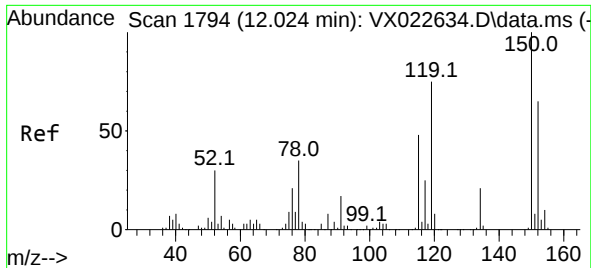
MMDadoda
6/14/2021 9:38:36 AM



#69
o-Xylene
Concen: 639.596 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

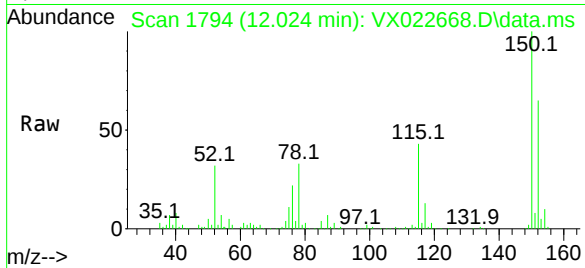
Tgt Ion:106 Resp: 936248
Ion Ratio Lower Upper
106 100
91 222.5 108.1 324.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

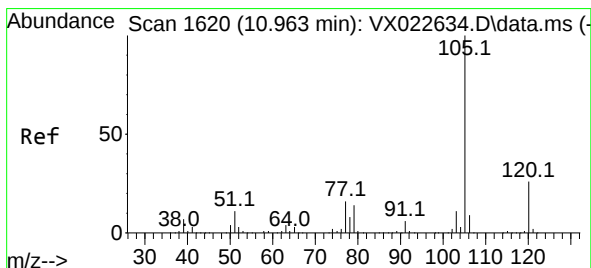
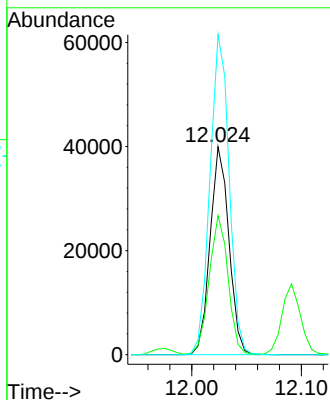
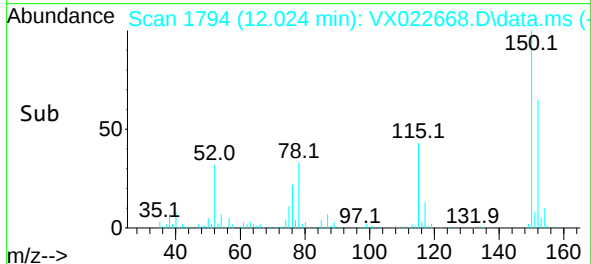
Instrument :
MSVOA_X
ClientSampled :
MW-3



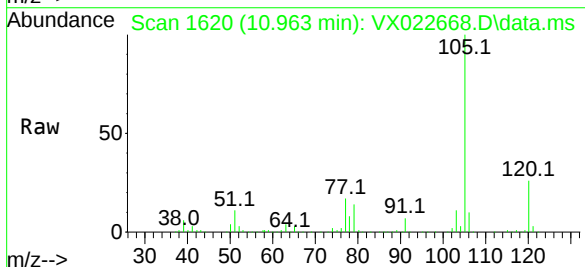
Tgt Ion:152 Resp: 47635
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 157.1 0.0 349.0

Manual Integrations
APPROVED

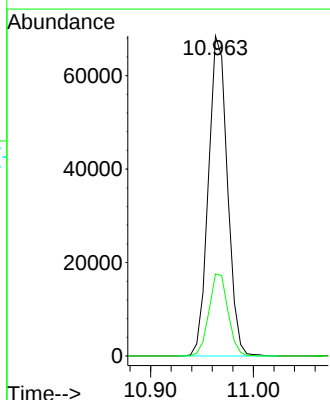
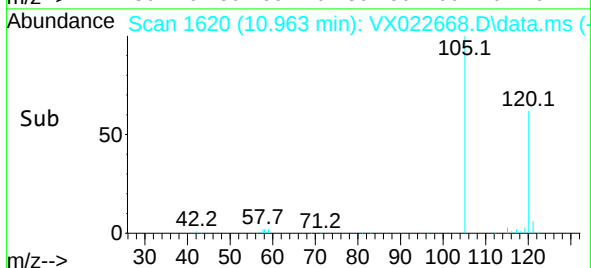
MMDadoda
6/14/2021 9:38:36 AM

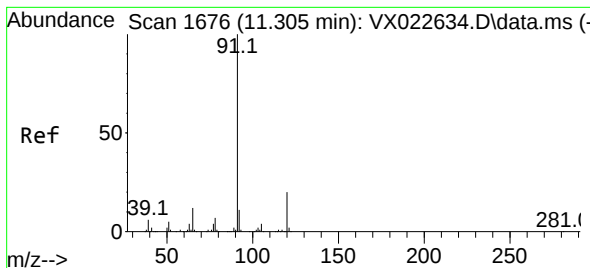


#73
Isopropylbenzene
Concen: 22.418 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



Tgt Ion:105 Resp: 87683
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6





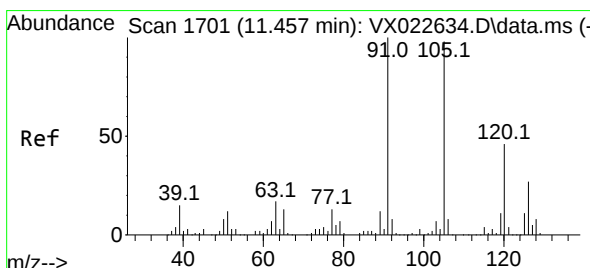
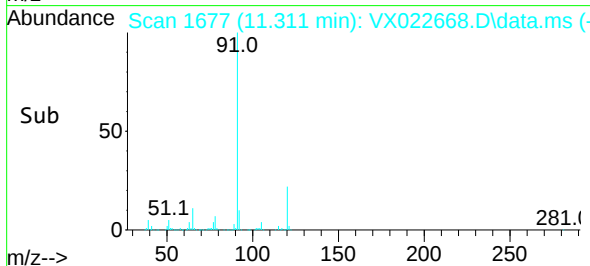
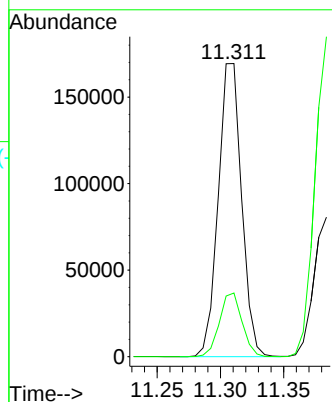
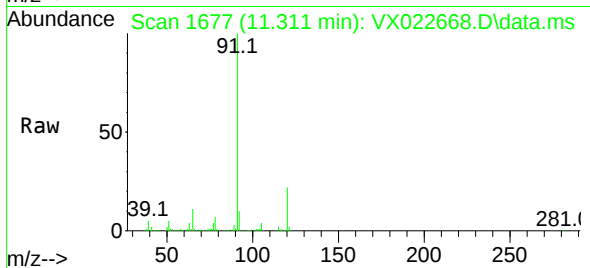
#78
n-propylbenzene
Concen: 46.041 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion: 91 Resp: 217514
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.5

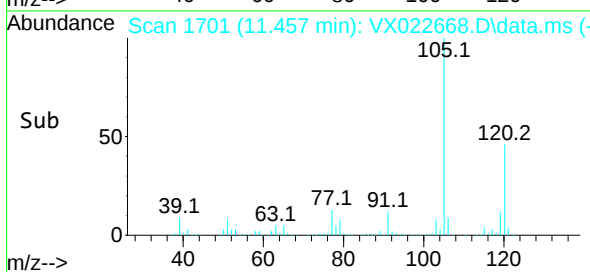
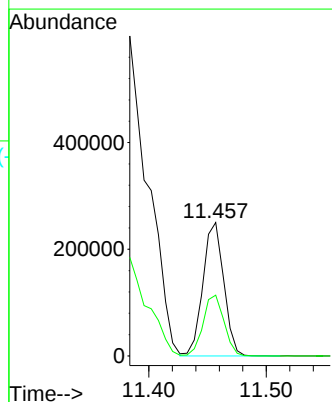
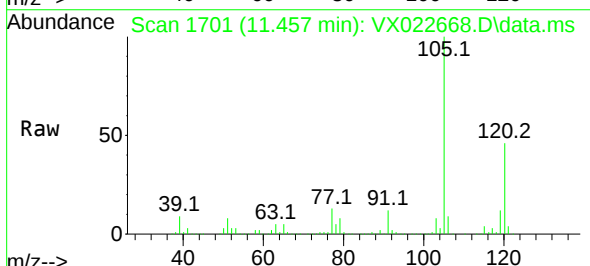
Manual Integrations
APPROVED

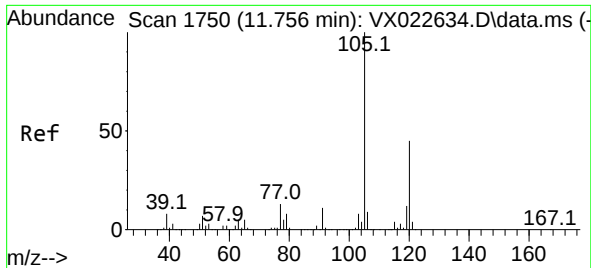
MMDadoda
6/14/2021 9:38:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 94.609 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

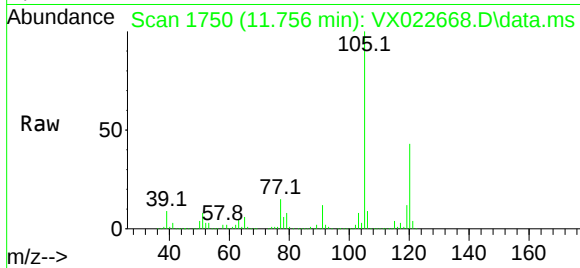
Tgt Ion: 105 Resp: 308249
Ion Ratio Lower Upper
105 100
120 45.9 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 356.518 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

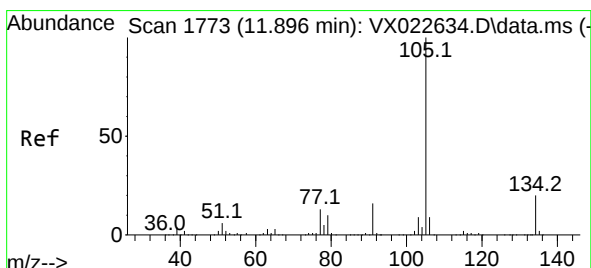
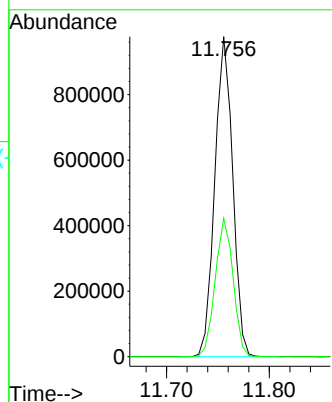
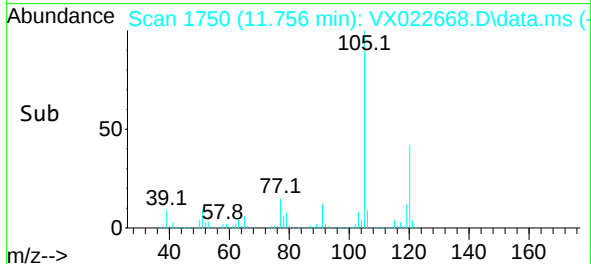
Instrument :
MSVOA_X
ClientSampled :
MW-3



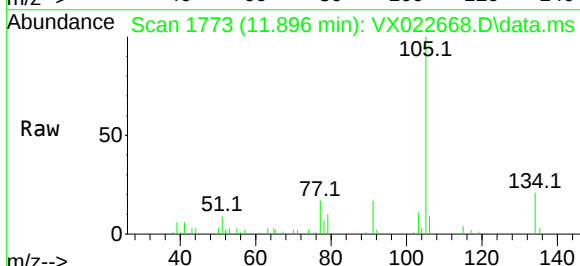
Tgt Ion:105 Resp: 1178212
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.3

Manual Integrations
APPROVED

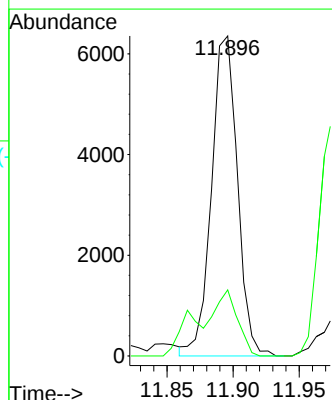
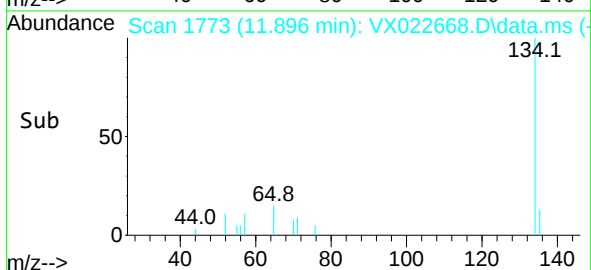
MMDadoda
6/14/2021 9:38:36 AM

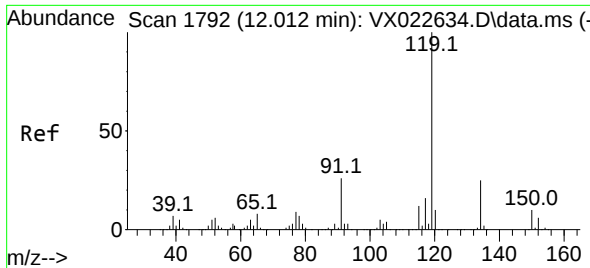


#85
sec-Butylbenzene
Concen: 2.170 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32



Tgt Ion:105 Resp: 8672
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





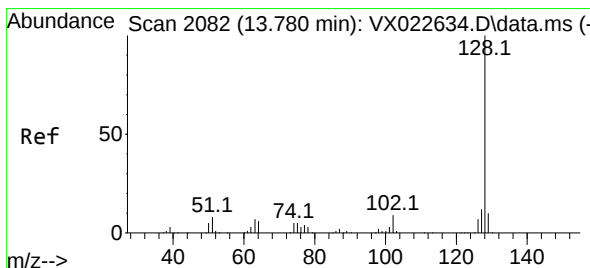
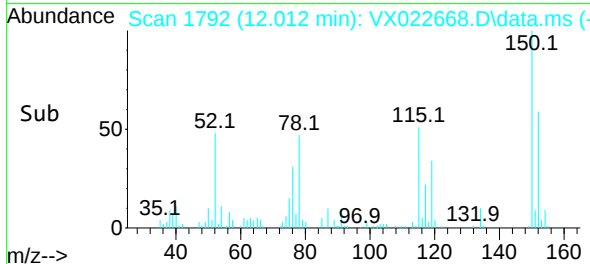
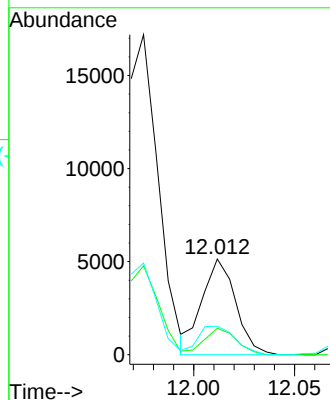
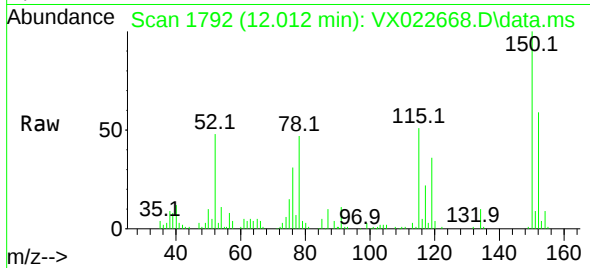
#86
p-Isopropyltoluene
Concen: 1.808 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion:119 Resp: 5966
Ion Ratio Lower Upper
119 100
134 96.9 12.9 38.7#
91 97.2 11.7 35.0#

Instrument :
MSVOA_X
ClientSampled :
MW-3

Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:36 AM



#95
Naphthalene
Concen: 77.784 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022668.D
Acq: 11 Jun 2021 15:32

Tgt Ion:128 Resp: 318329
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

