

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023015.D
 Acq On : 29 Jun 2021 19:51
 Operator : JC/MD
 Sample : M2875-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 6:21:42 PM

Quant Time: Jun 30 01:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	54197	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51499	52.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.72%			
35) Dibromofluoromethane	5.397	113	34110	48.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.60%			
50) Toluene-d8	8.653	98	140357	50.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.42%			
62) 4-Bromofluorobenzene	11.085	95	50687	49.07	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.14%			
Target Compounds						Qvalue
16) Acetone	2.386	43	1235	2.83	ug/l	# 82
19) Methyl tert-butyl Ether	3.123	73	15294	6.07	ug/l	# 9
31) Cyclohexane	5.483	56	9716	7.00	ug/l	# 77
39) Methylcyclohexane	7.385	83	10837	7.86	ug/l	# 85
40) Benzene	6.050	78	353874	103.89	ug/l	99
52) Toluene	8.726	92	107174	52.05	ug/l	100
67) Ethyl Benzene	10.195	91	368814	94.61	ug/l	99
68) m/p-Xylenes	10.305	106	484642	334.77	ug/l	93
69) o-Xylene	10.646	106	151630	107.62	ug/l	91
73) Isopropylbenzene	10.963	105	17149	5.26	ug/l	100
78) n-propylbenzene	11.305	91	32076	8.14	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	72902	27.25	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	309580	114.98	ug/l	96
85) sec-Butylbenzene	11.896	105	1646m	0.48	ug/l	
86) p-Isopropyltoluene	12.012	119	1347	0.50	ug/l	# 76
89) n-Butylbenzene	12.323	91	8337	3.24	ug/l	# 15

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

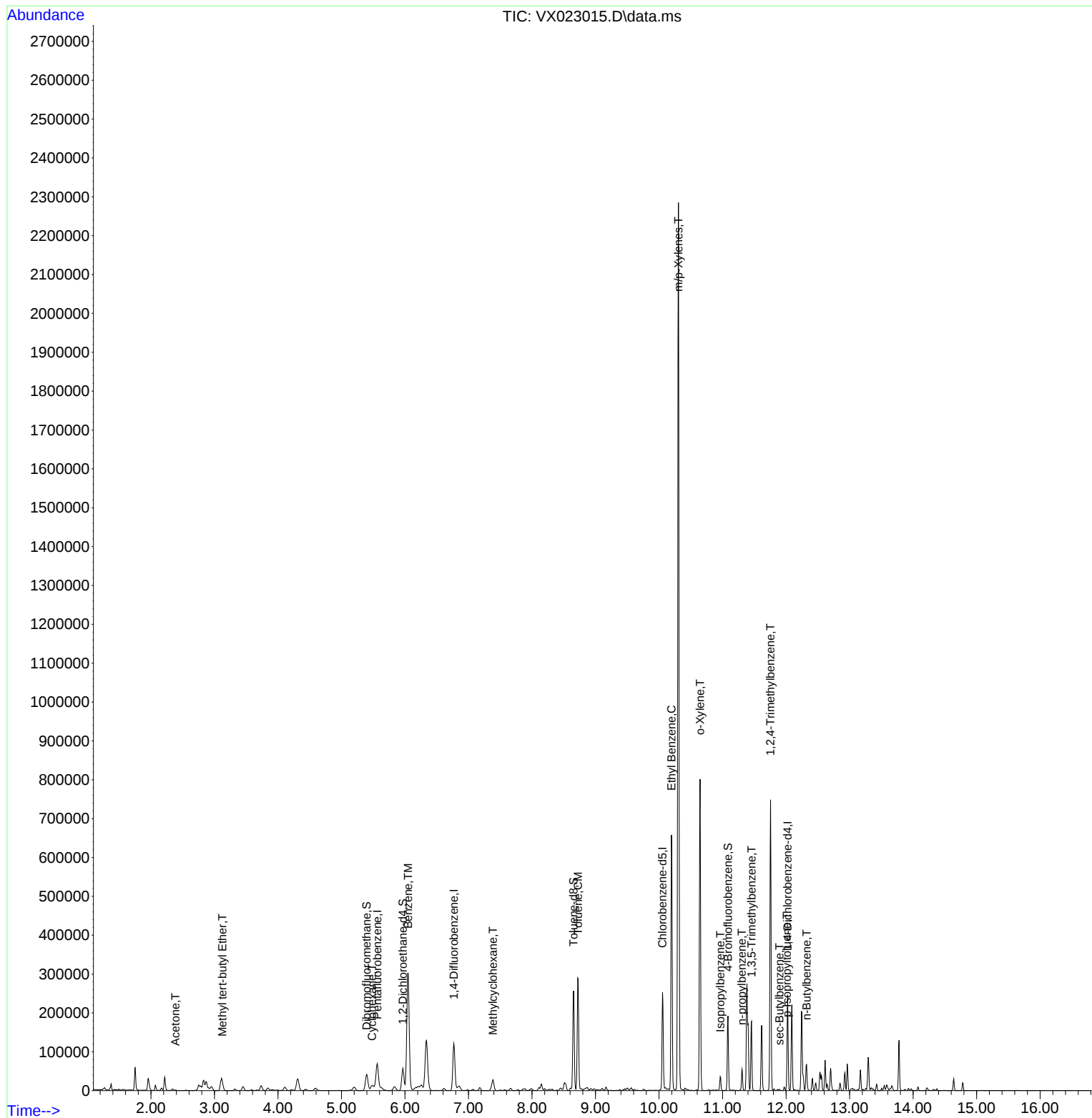
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
Data File : VX023015.D
Acq On : 29 Jun 2021 19:51
Operator : JC/MD
Sample : M2875-12 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

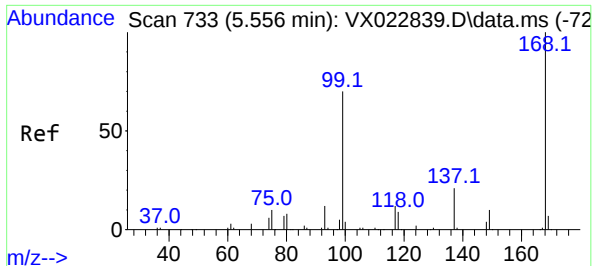
Instrument :
MSVOA_X
ClientSampleId :
MW-6

Manual Integrations
APPROVED

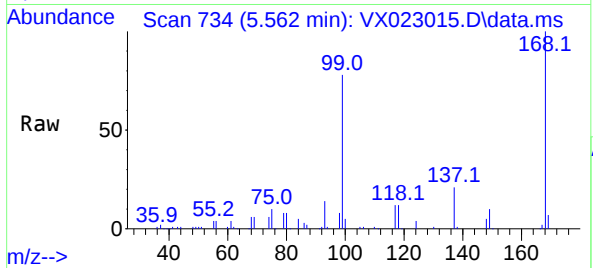
MMDadoda
7/2/2021 6:21:42 PM

Quant Time: Jun 30 01:46:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

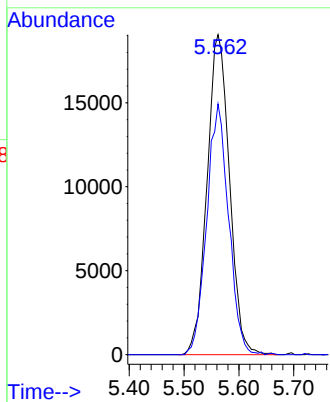
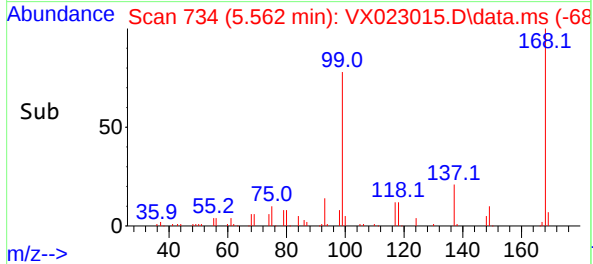




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



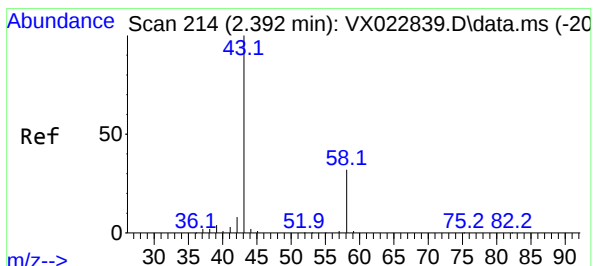
Tgt Ion: 168 Resp: 54197
Ion Ratio Lower Upper
168 100
99 78.4 45.8 68.6#



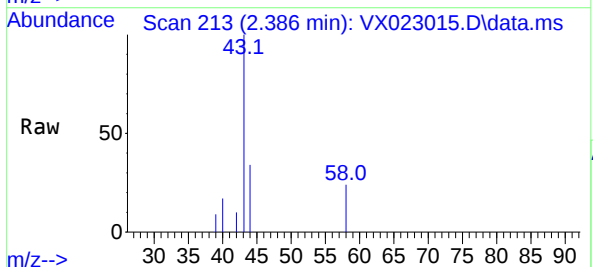
Instrument :
MSVOA_X
ClientSampleId :
MW-6

Manual Integrations
APPROVED

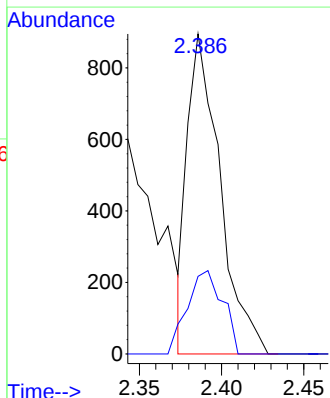
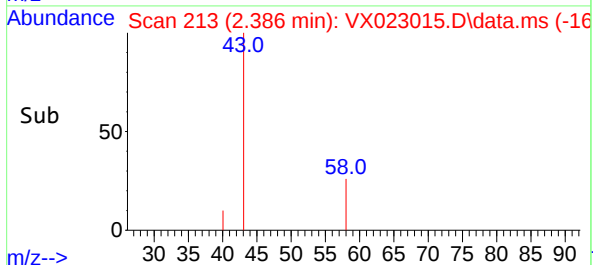
MMDadoda
7/2/2021 6:21:42 PM

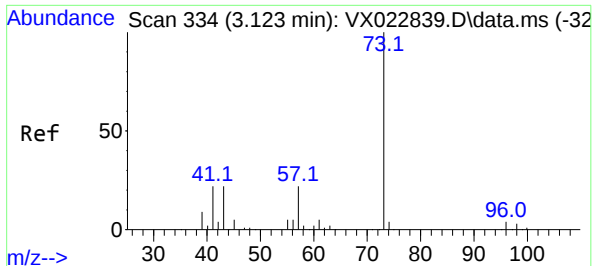


#16
Acetone
Concen: 2.83 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#





#19

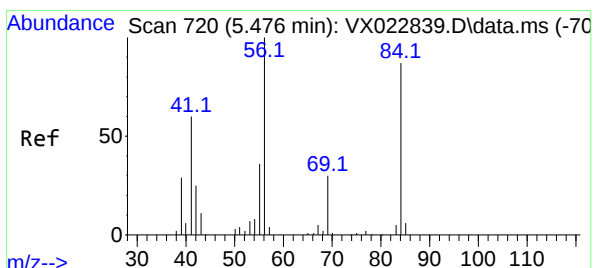
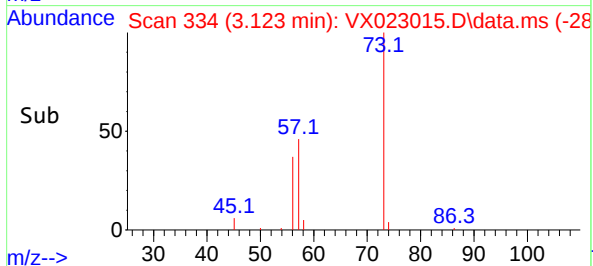
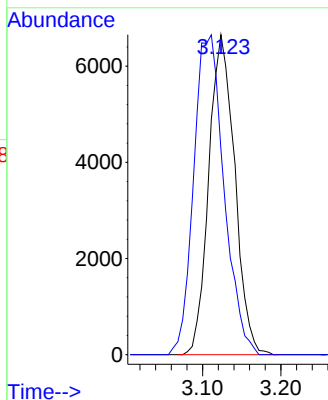
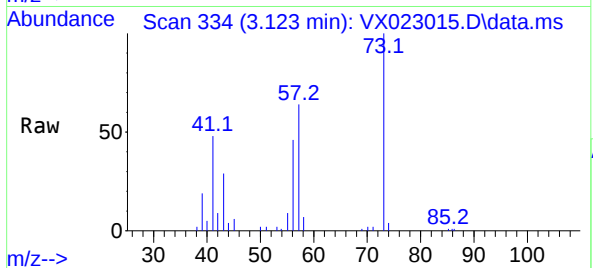
Methyl tert-butyl Ether
Concen: 6.07 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 73 Resp: 15294
Ion Ratio Lower Upper
73 100
57 64.2 17.1 25.7#

Instrument :
MSVOA_X
ClientSampled :
MW-6

Manual Integrations
APPROVED

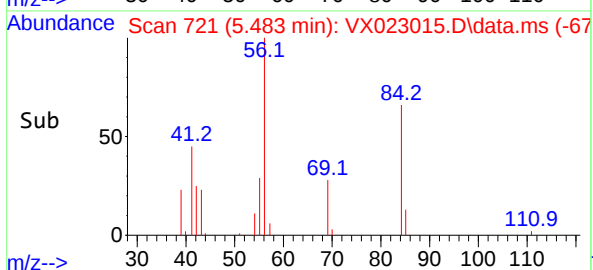
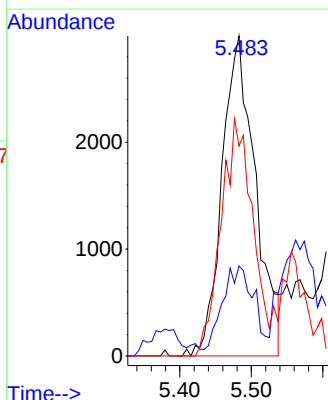
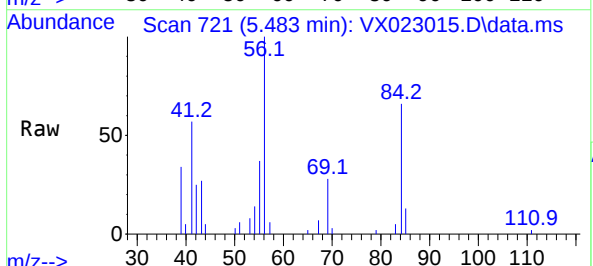
MMDadoda
7/2/2021 6:21:42 PM

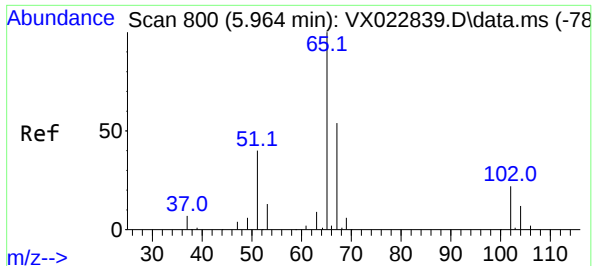


#31

Cyclohexane
Concen: 7.00 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.007 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 56 Resp: 9716
Ion Ratio Lower Upper
56 100
69 23.0 25.3 37.9#
84 65.6 71.4 107.0#





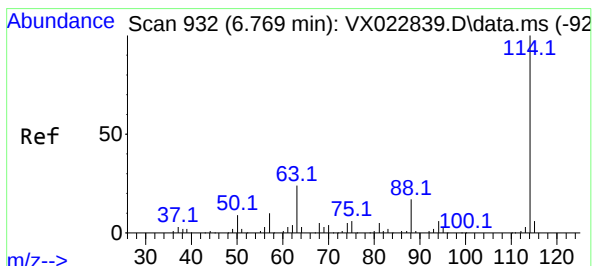
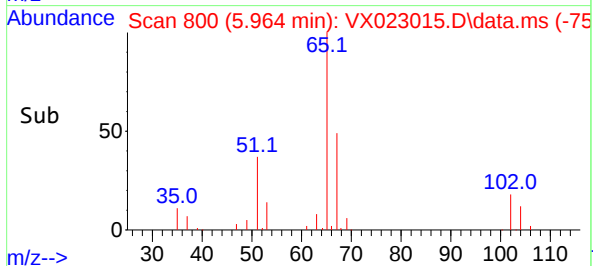
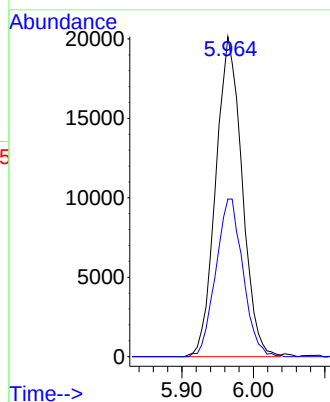
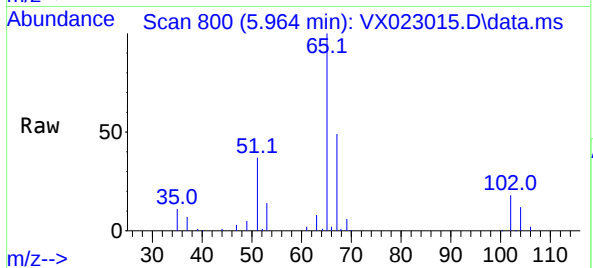
#33
1,2-Dichloroethane-d4
Concen: 52.36 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 65 Resp: 51499
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW-6

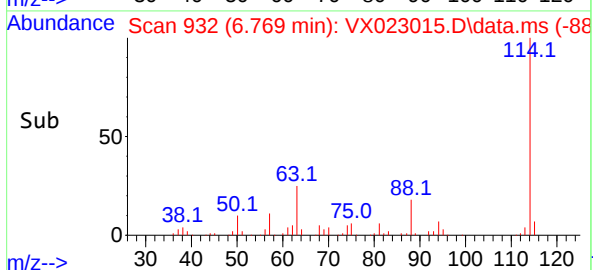
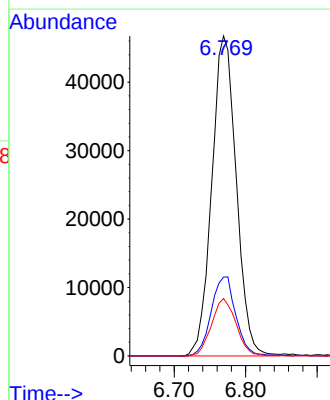
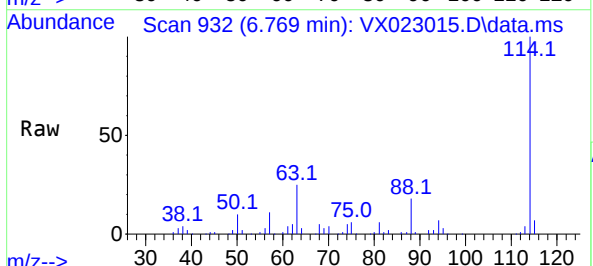
Manual Integrations
APPROVED

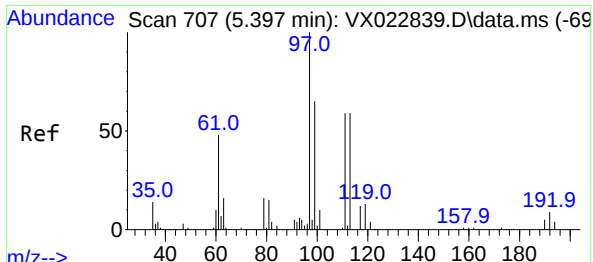
MMDadoda
7/2/2021 6:21:42 PM



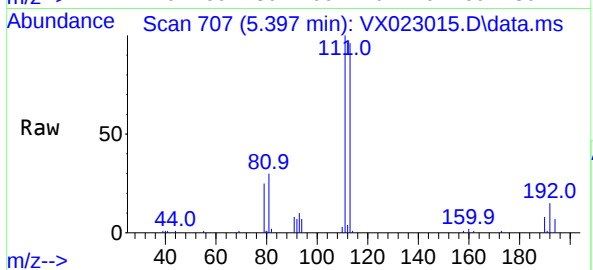
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 114 Resp: 111217
Ion Ratio Lower Upper
114 100
63 24.6 0.0 40.8
88 18.0 0.0 32.8

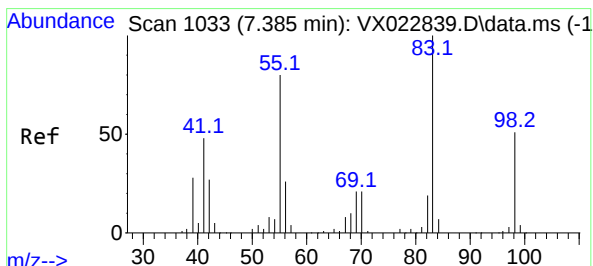
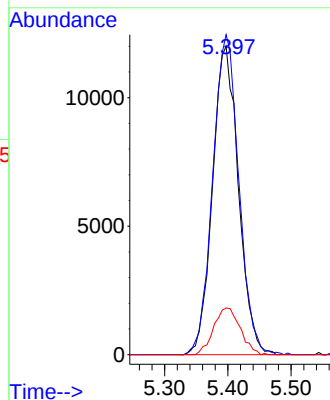
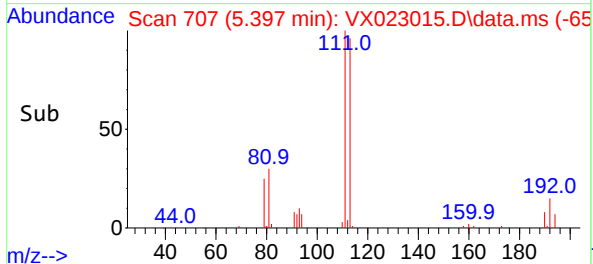




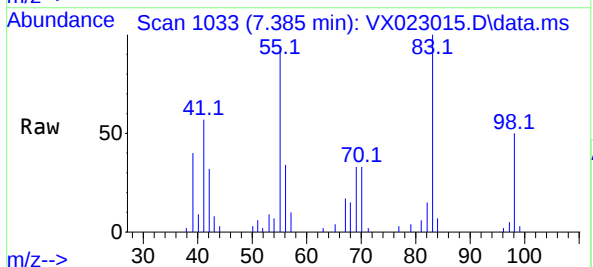
#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



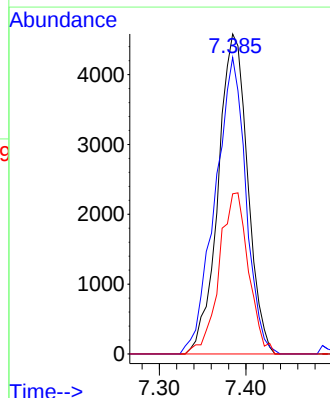
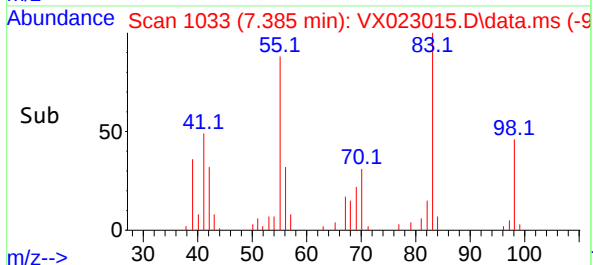
Tgt Ion:113 Resp: 34110
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 15.6 16.7 25.1#



#39
Methylcyclohexane
Concen: 7.86 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



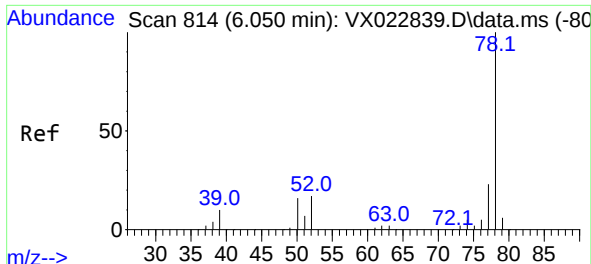
Tgt Ion: 83 Resp: 10837
Ion Ratio Lower Upper
83 100
55 92.6 58.9 88.3#
98 50.1 38.1 57.1



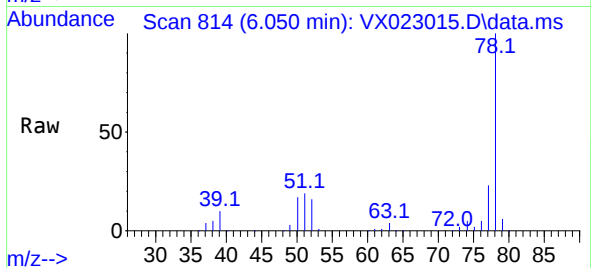
Instrument :
MSVOA_X
ClientSampled :
MW-6

Manual Integrations
APPROVED

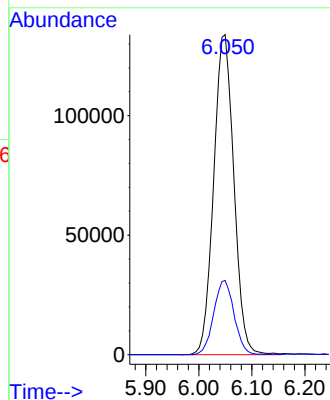
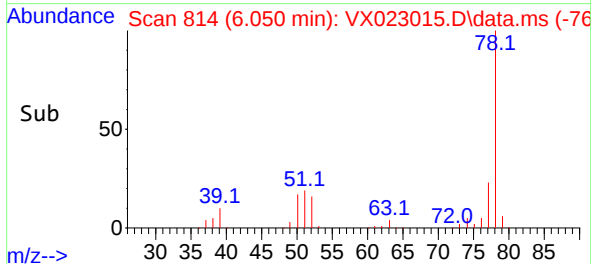
MMDadoda
7/2/2021 6:21:42 PM



#40
Benzene
Concen: 103.89 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



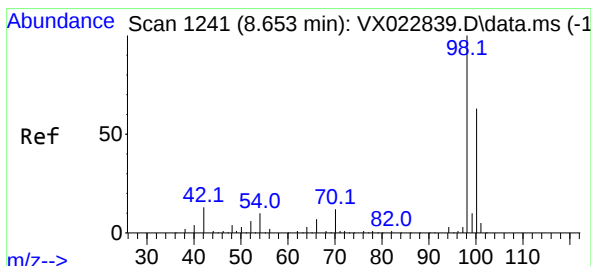
Tgt Ion: 78 Resp: 353874
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



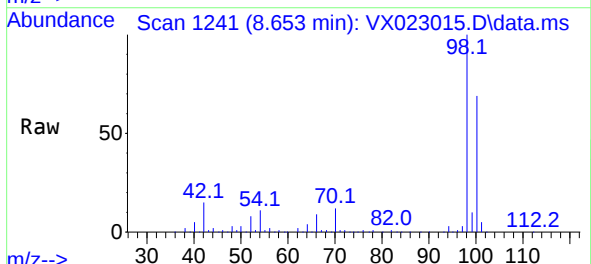
Instrument :
MSVOA_X
ClientSampleId :
MW-6

Manual Integrations
APPROVED

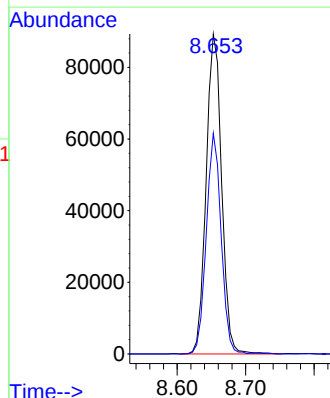
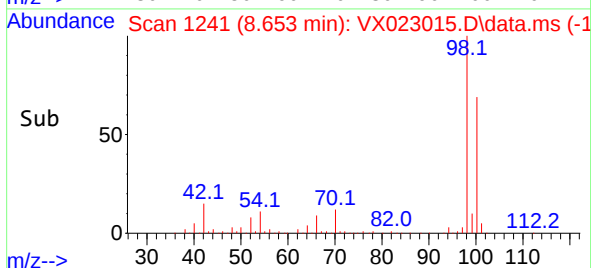
MMDadoda
7/2/2021 6:21:42 PM

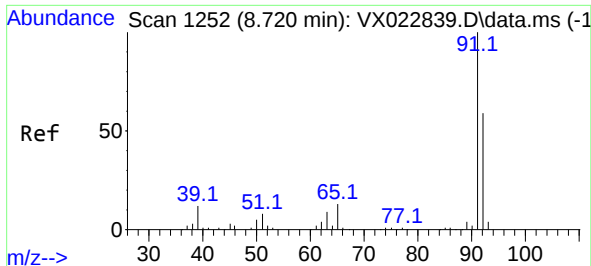


#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



Tgt Ion: 98 Resp: 140357
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9





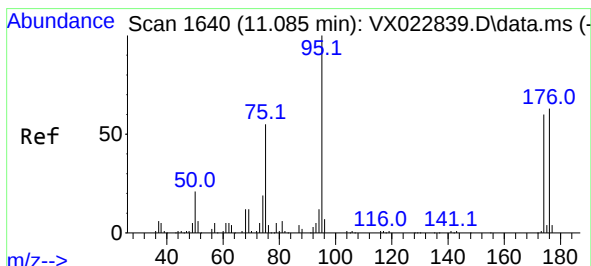
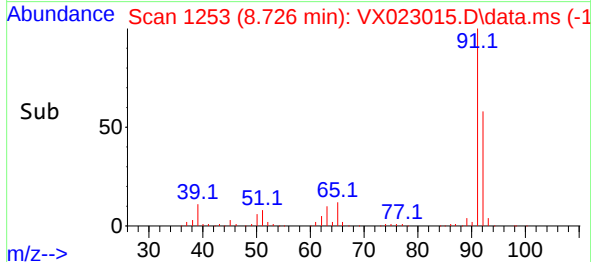
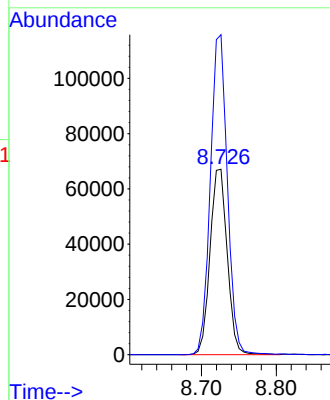
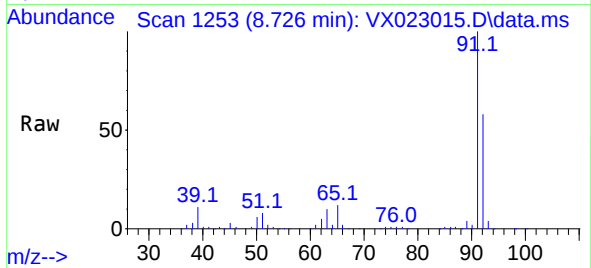
#52
Toluene
Concen: 52.05 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 92 Resp: 107174
Ion Ratio Lower Upper
92 100
91 170.7 137.1 205.7

Instrument :
MSVOA_X
ClientSampleId :
MW-6

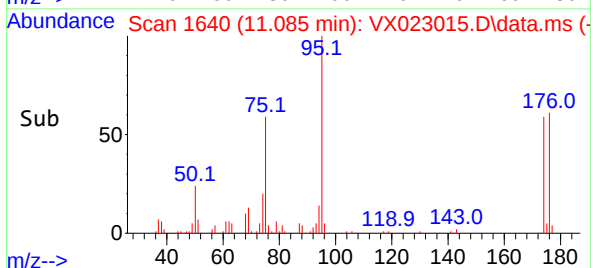
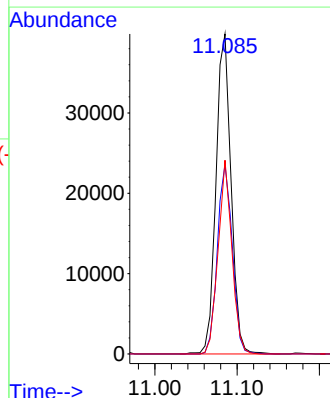
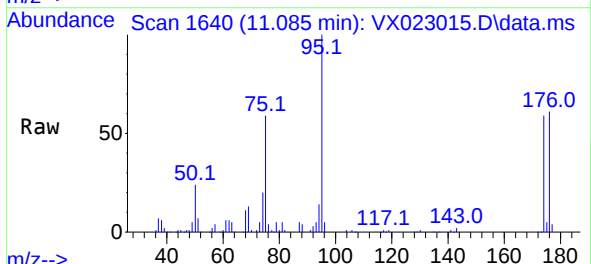
Manual Integrations
APPROVED

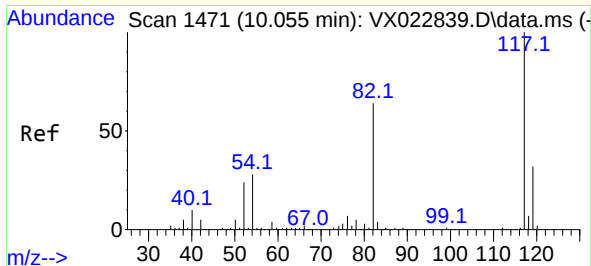
MMDadoda
7/2/2021 6:21:42 PM



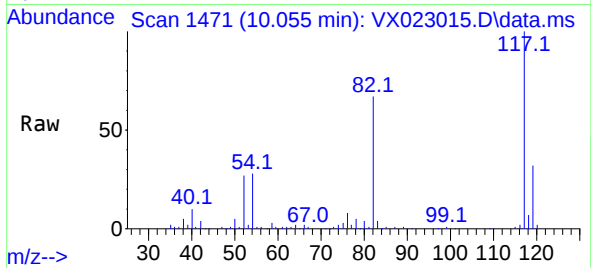
#62
4-Bromofluorobenzene
Concen: 49.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 95 Resp: 50687
Ion Ratio Lower Upper
95 100
174 59.0 0.0 154.6
176 55.5 0.0 155.8

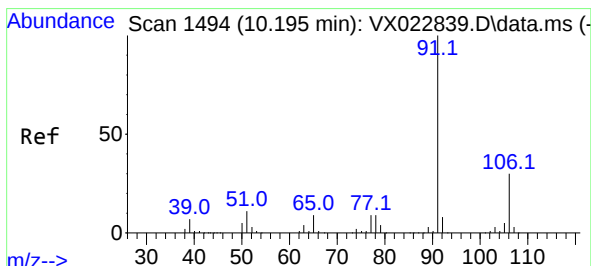
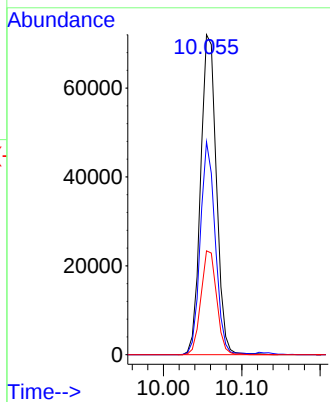
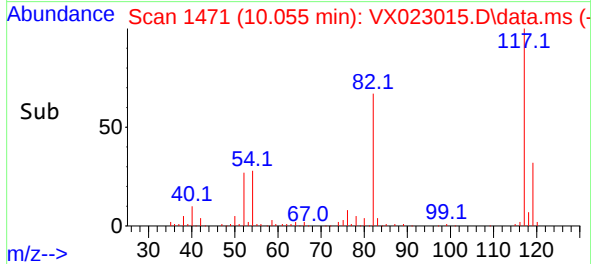




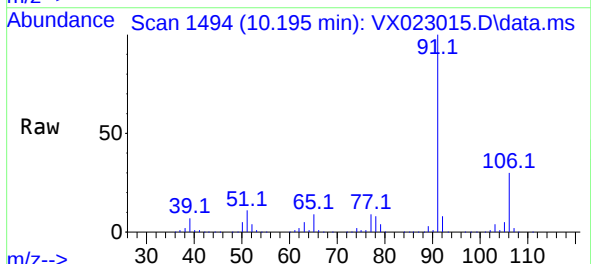
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



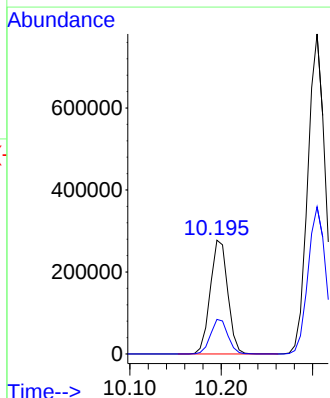
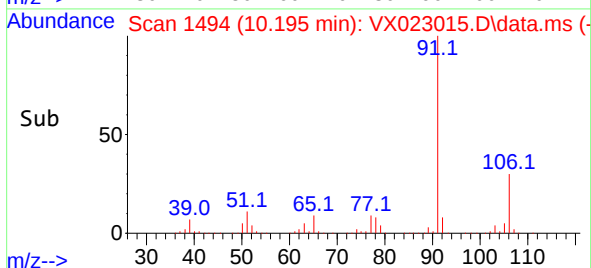
Tgt Ion:117 Resp: 100527
Ion Ratio Lower Upper
117 100
82 66.5 47.4 71.2
119 32.5 26.6 39.8



#67
Ethyl Benzene
Concen: 94.61 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



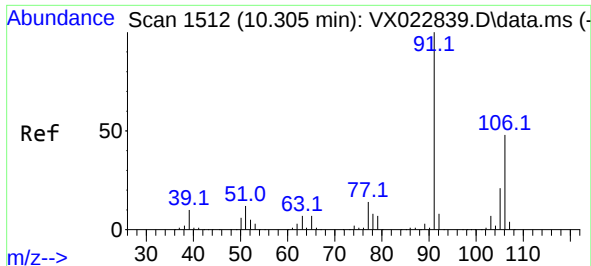
Tgt Ion: 91 Resp: 368814
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0



Instrument :
MSVOA_X
ClientSampleId :
MW-6

Manual Integrations
APPROVED

MMDadoda
7/2/2021 6:21:42 PM



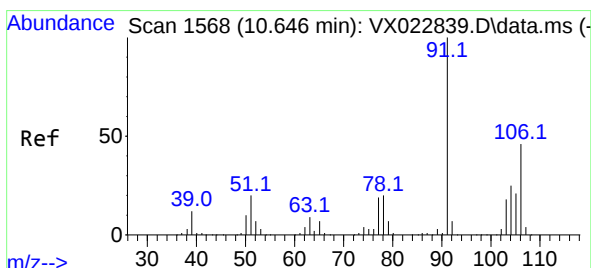
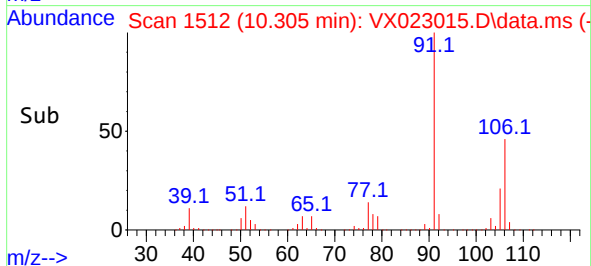
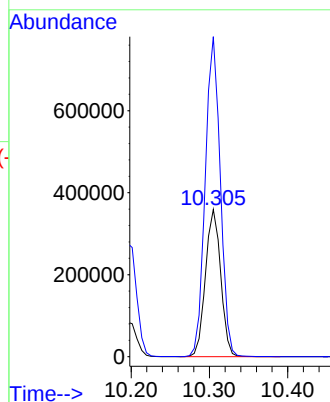
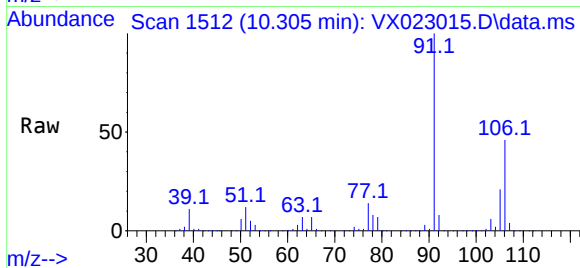
#68
m/p-Xylenes
Concen: 334.77 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion:106 Resp: 484642
Ion Ratio Lower Upper
106 100
91 214.9 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
MW-6

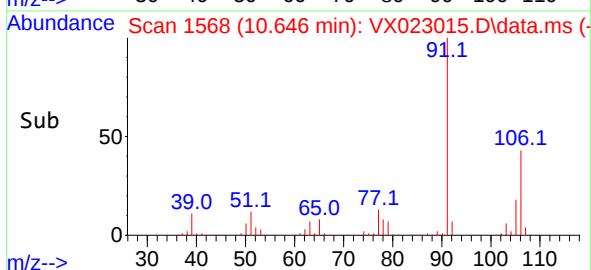
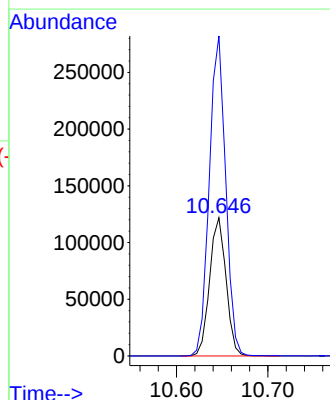
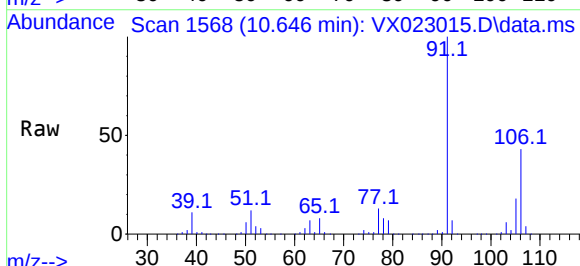
Manual Integrations
APPROVED

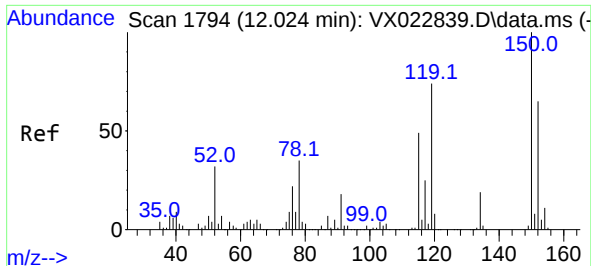
MMDadoda
7/2/2021 6:21:42 PM



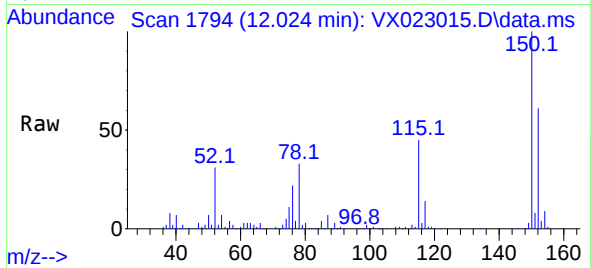
#69
o-Xylene
Concen: 107.62 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion:106 Resp: 151630
Ion Ratio Lower Upper
106 100
91 231.2 108.1 324.2

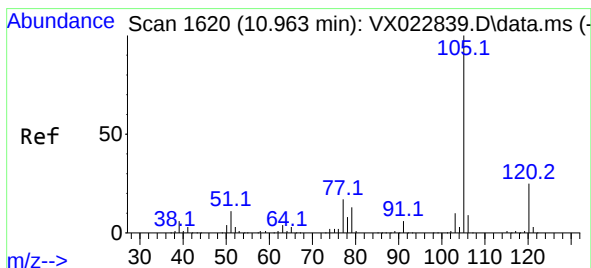
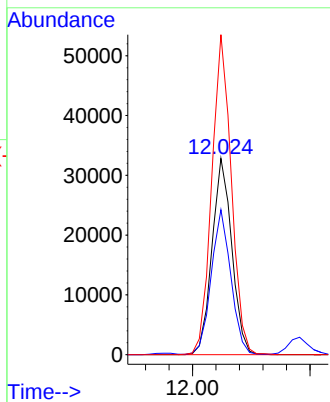
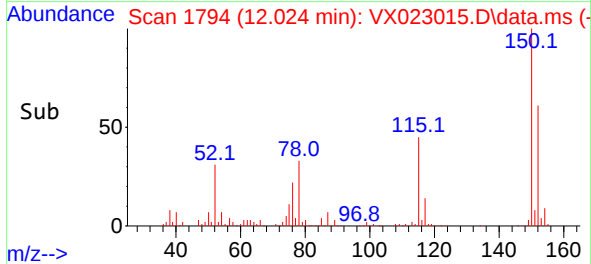




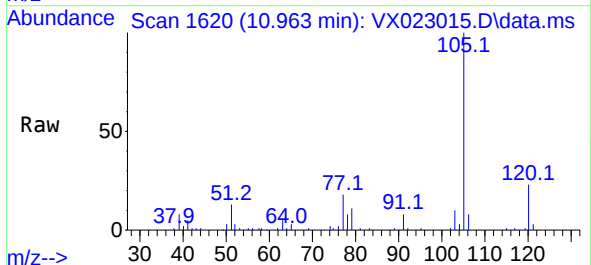
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



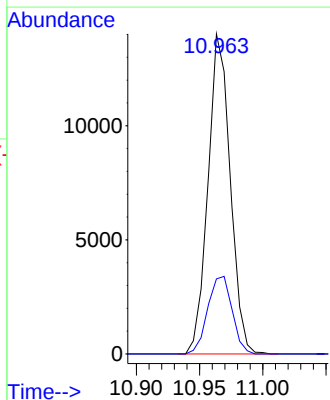
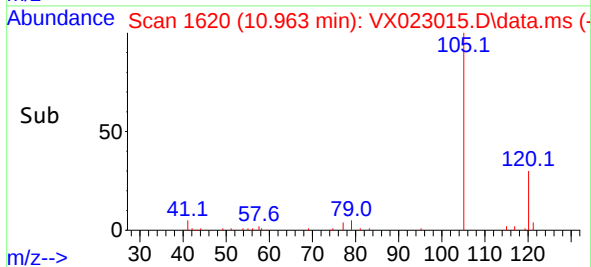
Tgt Ion:152 Resp: 38503
Ion Ratio Lower Upper
152 100
115 72.7 41.1 123.3
150 160.9 0.0 349.0



#73
Isopropylbenzene
Concen: 5.26 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51



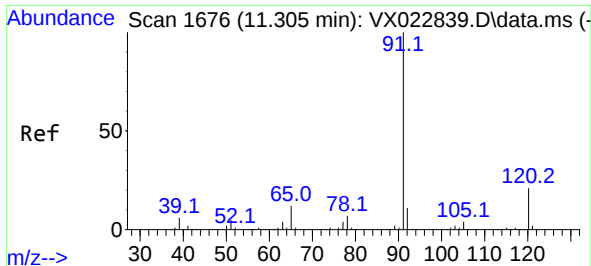
Tgt Ion:105 Resp: 17149
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



Instrument :
MSVOA_X
ClientSampled :
MW-6

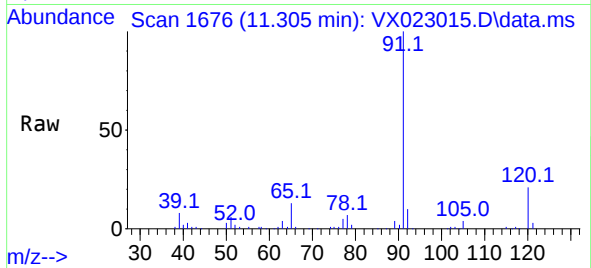
Manual Integrations
APPROVED

MMDadoda
7/2/2021 6:21:42 PM



#78
n-propylbenzene
Concen: 8.14 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

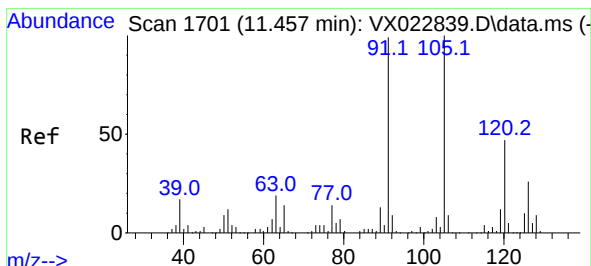
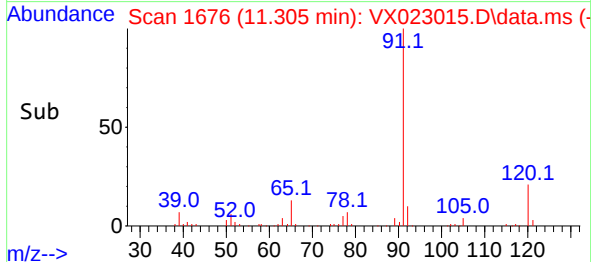
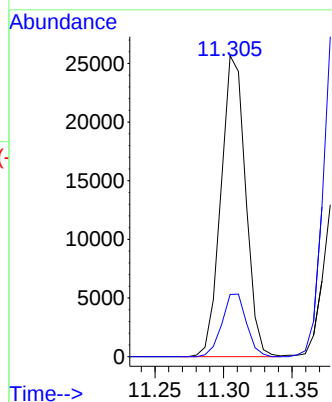
Instrument :
MSVOA_X
ClientSampled :
MW-6



Tgt Ion: 91 Resp: 32076
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.5

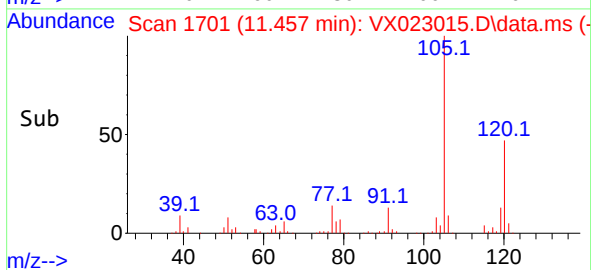
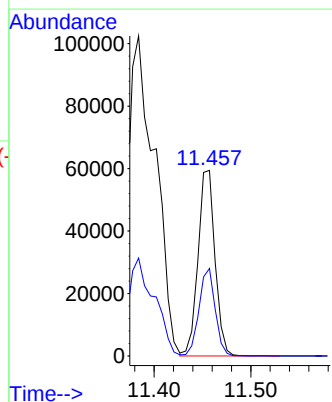
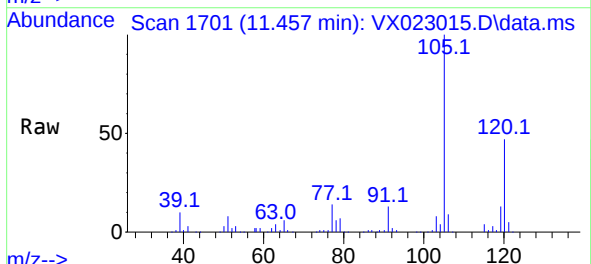
Manual Integrations
APPROVED

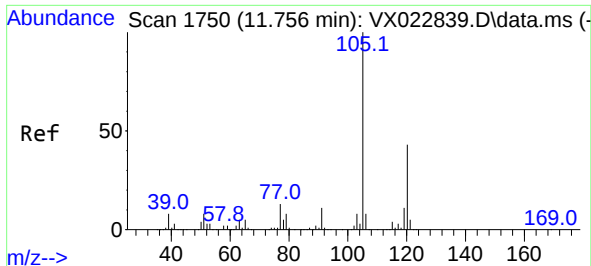
MMDadoda
7/2/2021 6:21:42 PM



#80
1,3,5-Trimethylbenzene
Concen: 27.25 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

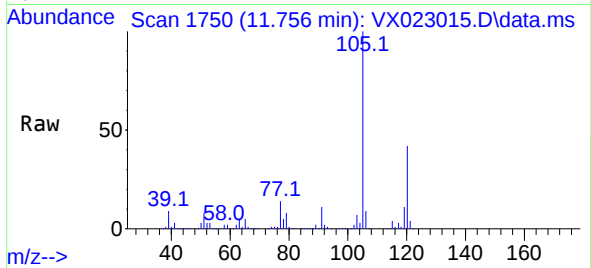
Tgt Ion: 105 Resp: 72902
Ion Ratio Lower Upper
105 100
120 44.7 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 114.98 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

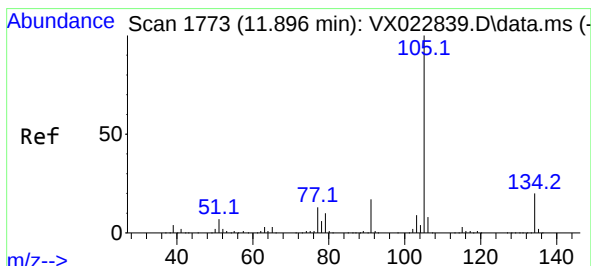
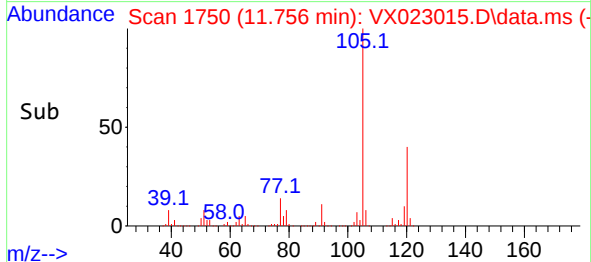
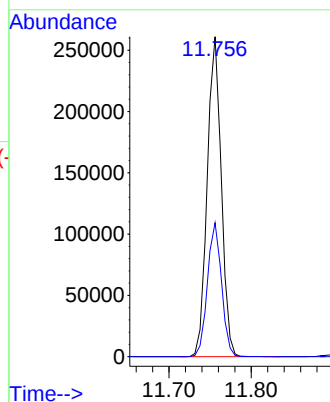
Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion:105 Resp: 309580
Ion Ratio Lower Upper
105 100
120 42.0 22.4 67.3

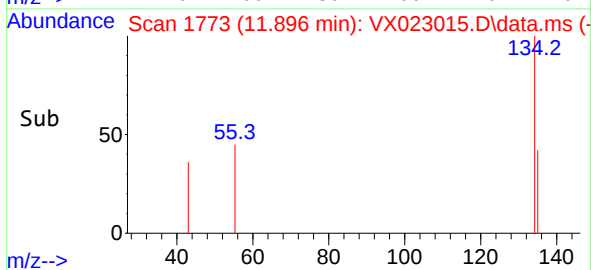
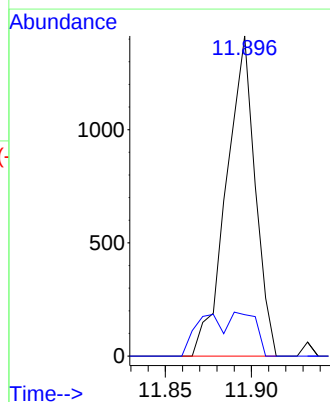
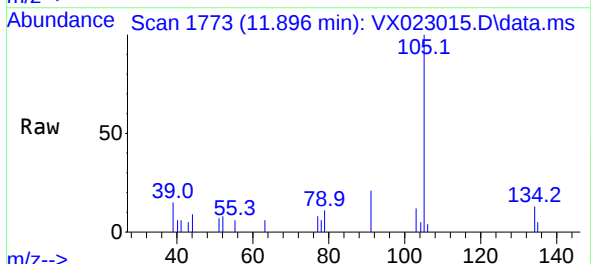
Manual Integrations
APPROVED

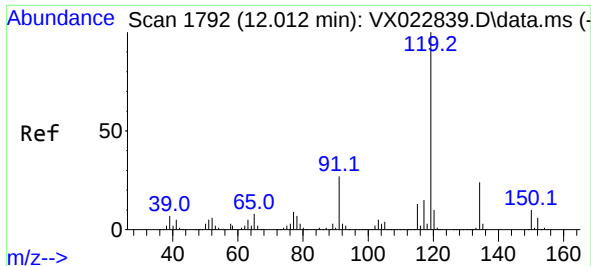
MMDadoda
7/2/2021 6:21:42 PM



#85
sec-Butylbenzene
Concen: 0.48 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion:105 Resp: 1646
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





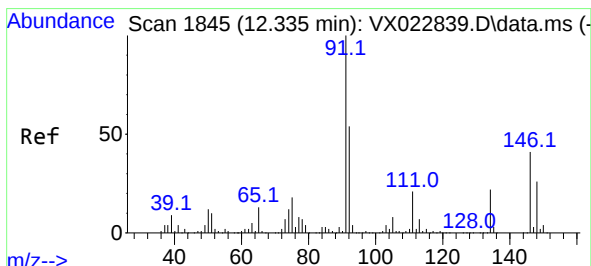
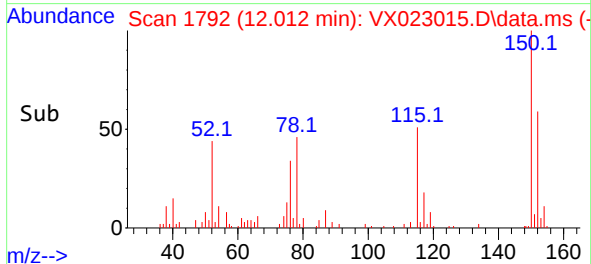
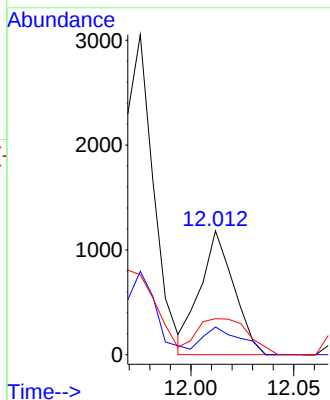
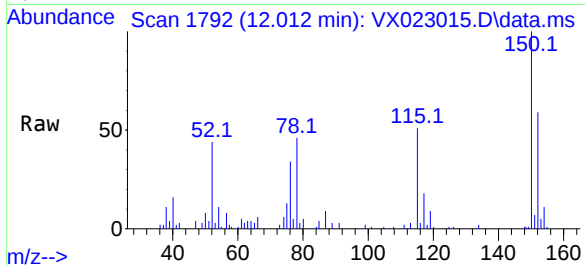
#86
p-Isopropyltoluene
Concen: 0.50 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 119 Resp: 1347
Ion Ratio Lower Upper
119 100
134 24.7 12.9 38.7
91 0.0 11.7 35.0#

Instrument :
MSVOA_X
ClientSampled :
MW-6

Manual Integrations
APPROVED

MMDadoda
7/2/2021 6:21:42 PM



#89
n-Butylbenzene
Concen: 3.24 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX023015.D
Acq: 29 Jun 2021 19:51

Tgt Ion: 91 Resp: 8337
Ion Ratio Lower Upper
91 100
92 22.6 27.4 82.0#
134 113.1 13.2 39.5#

