

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022670.D
 Acq On : 11 Jun 2021 16:19
 Operator : JC/MD
 Sample : M2688-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 9:38:41 AM

Quant Time: Jun 12 02:29:54 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	5.568	168	61963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50507	45.323	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.640%		
35) Dibromofluoromethane	5.391	113	36065	45.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.659	98	152691	49.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.320%		
62) 4-Bromofluorobenzene	11.085	95	56747	48.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.620%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	15933	31.930	ug/l	95
25) 2-Butanone	4.574	43	11053	13.658	ug/l	96
31) Cyclohexane	5.477	56	468041	348.151	ug/l	95
39) Methylcyclohexane	7.385	83	145827	113.604	ug/l	93
40) Benzene	6.050	78	2683717	733.099	ug/l	100
52) Toluene	8.738	92	5752039	2524.580	ug/l	89
67) Ethyl Benzene	10.201	91	2113296	498.382	ug/l	100
68) m/p-Xylenes	10.311	106	2510878	1634.807	ug/l	99
69) o-Xylene	10.646	106	1015203	682.200	ug/l	95
73) Isopropylbenzene	10.964	105	320181	84.287	ug/l	98
78) n-propylbenzene	11.311	91	831910	181.312	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	938863	296.705	ug/l	97
84) 1,2,4-Trimethylbenzene	11.762	105	3994060	1244.413	ug/l	100
85) sec-Butylbenzene	11.896	105	74239m	19.125	ug/l	
86) p-Isopropyltoluene	12.012	119	32308	10.082	ug/l #	76
95) Naphthalene	13.780	128	692270	172.345	ug/l	100

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

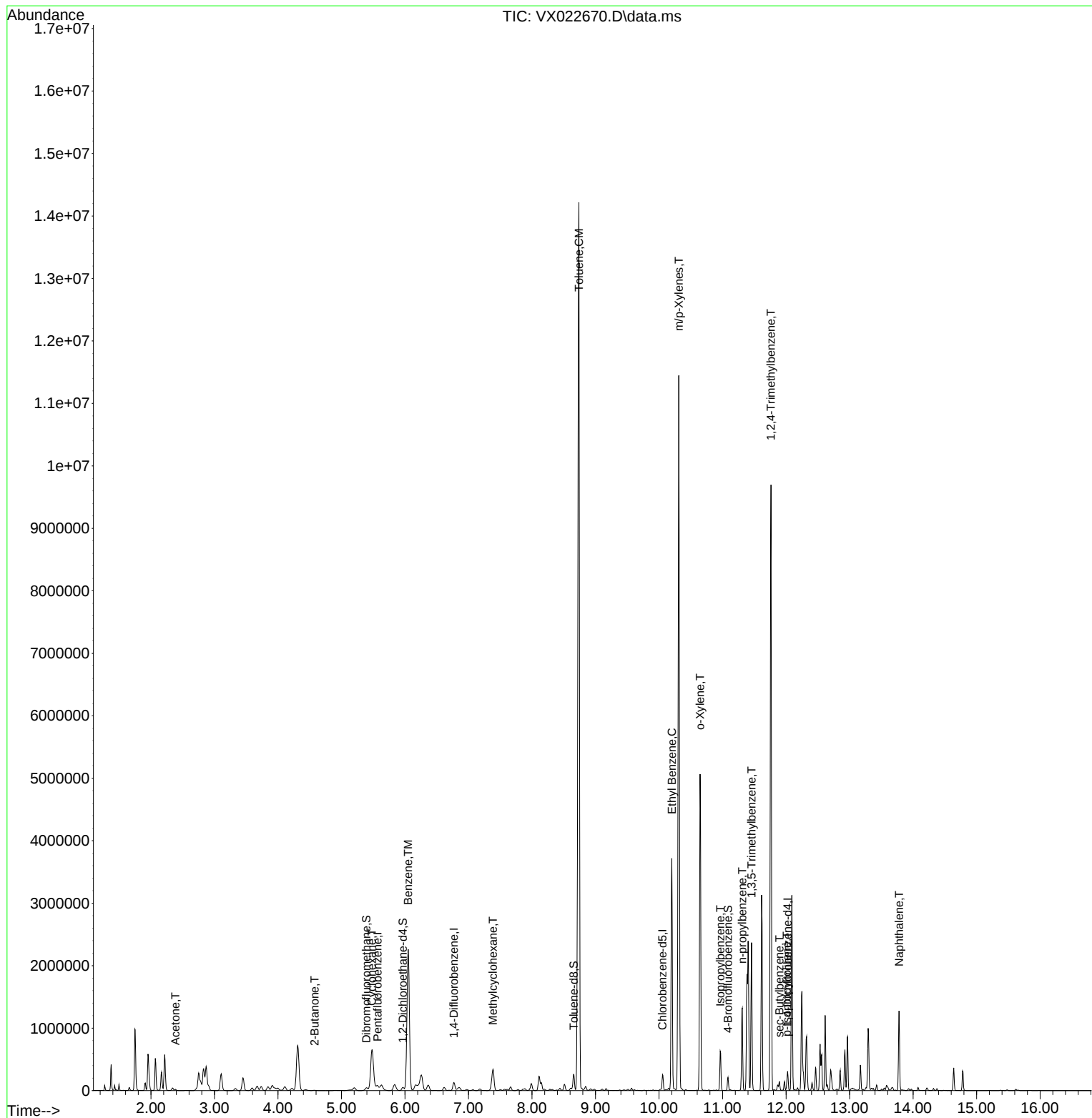
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
Data File : VX022670.D
Acq On : 11 Jun 2021 16:19
Operator : JC/MD
Sample : M2688-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

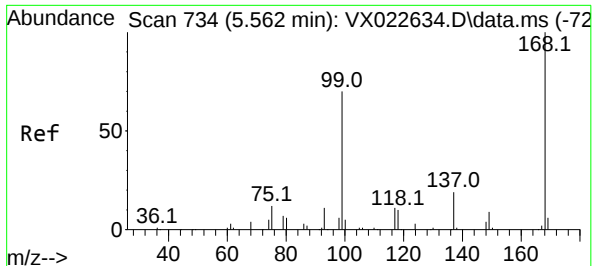
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Manual Integrations
APPROVED

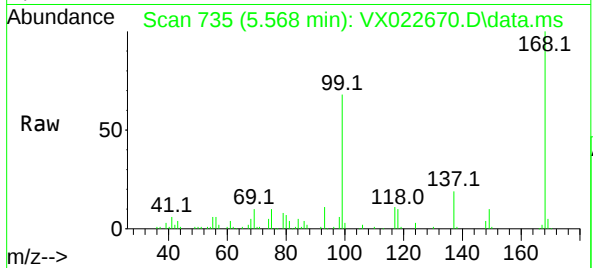
MMDadoda
6/14/2021 9:38:41 AM

Quant Time: Jun 12 02:29:54 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

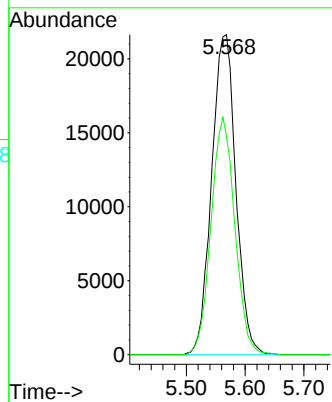
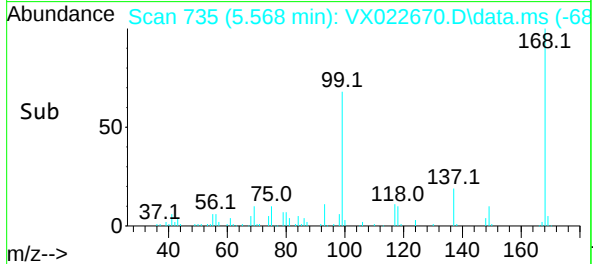




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



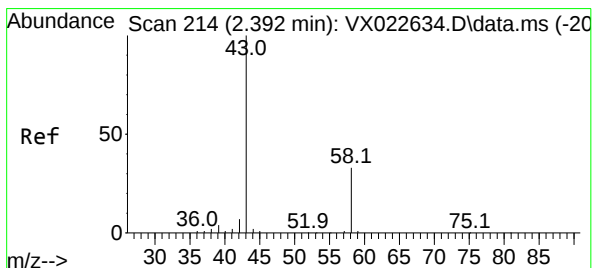
Tgt Ion: 168 Resp: 61963
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



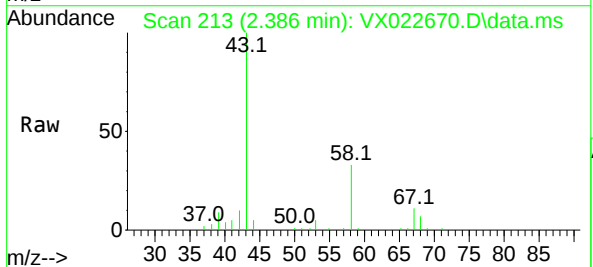
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Manual Integrations
APPROVED

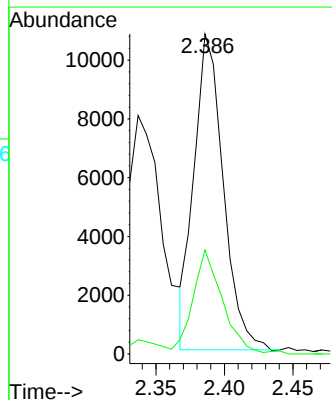
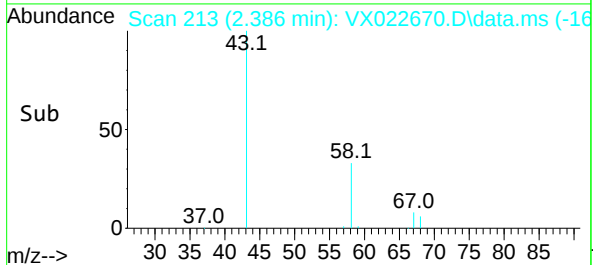
MMDadoda
6/14/2021 9:38:41 AM

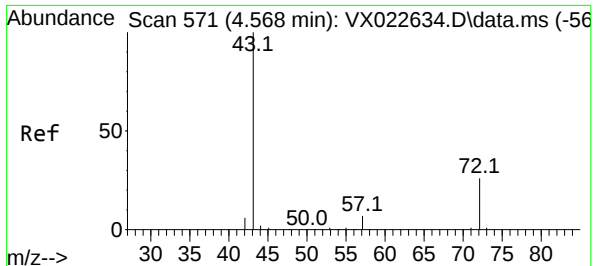


#16
Acetone
Concen: 31.930 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



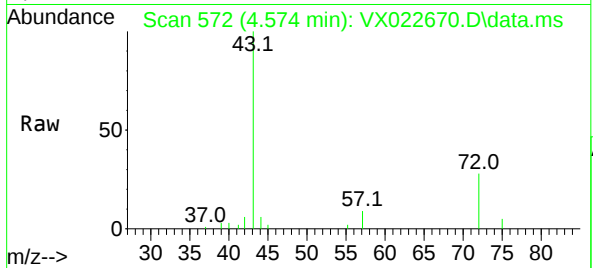
Tgt Ion: 43 Resp: 15933
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8





#25
2-Butanone
Concen: 13.658 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

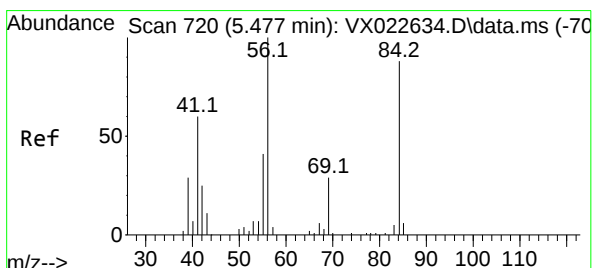
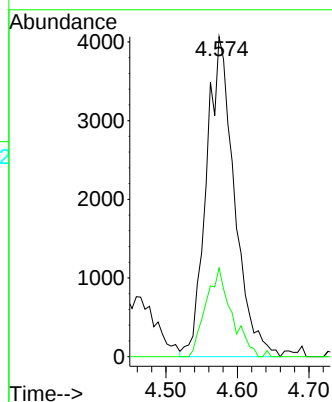
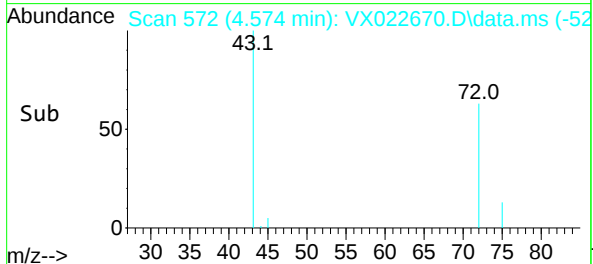
Instrument :
MSVOA_X
ClientSampled :
MW-2



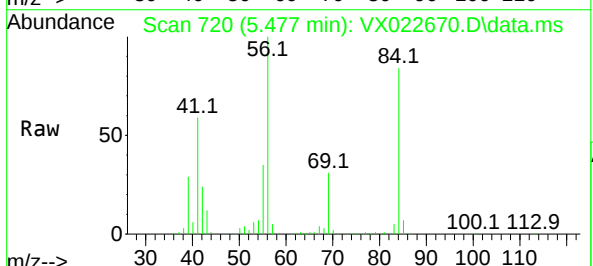
Tgt Ion: 43 Resp: 11053
Ion Ratio Lower Upper
43 100
72 27.7 23.7 35.5

Manual Integrations
APPROVED

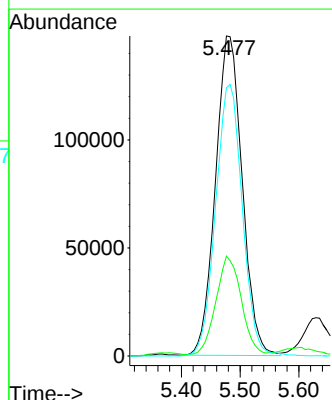
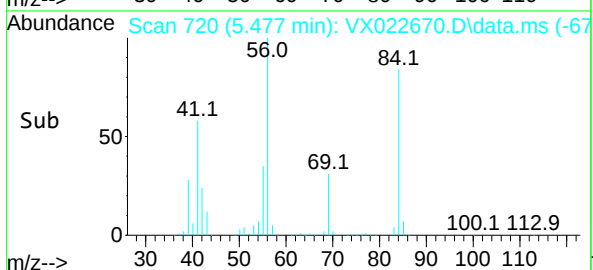
MMDadoda
6/14/2021 9:38:41 AM

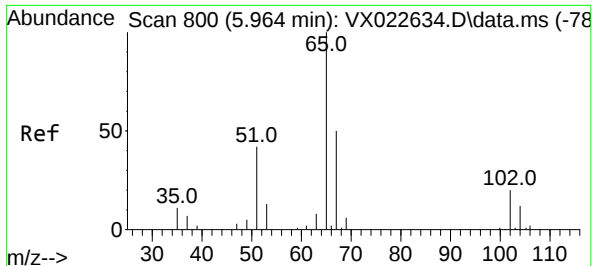


#31
Cyclohexane
Concen: 348.151 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



Tgt Ion: 56 Resp: 468041
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 84.0 71.4 107.0





#33

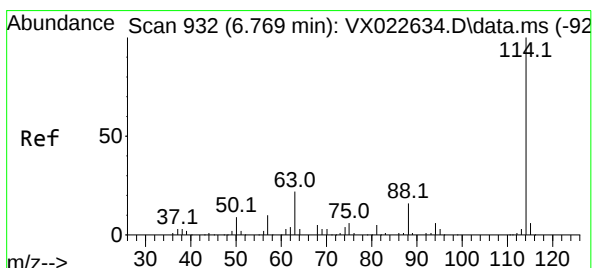
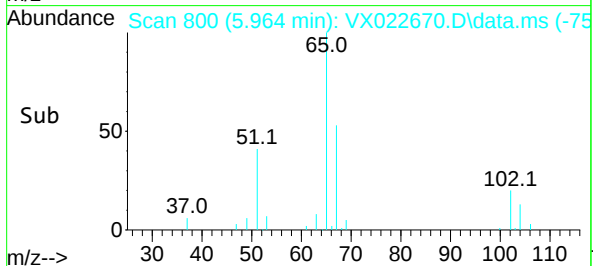
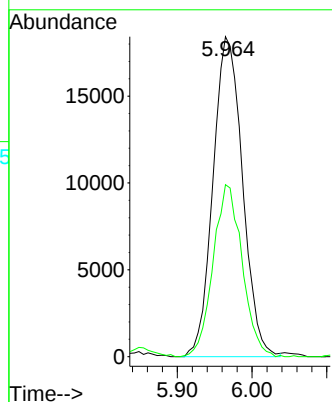
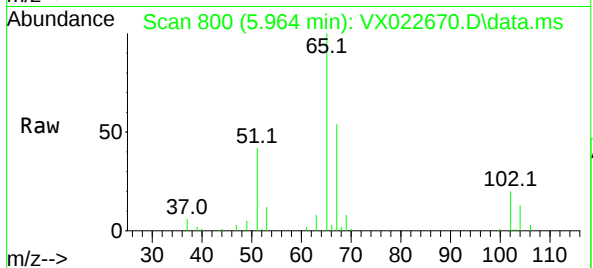
1,2-Dichloroethane-d4
Concen: 45.323 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 65 Resp: 50507
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
APPROVED

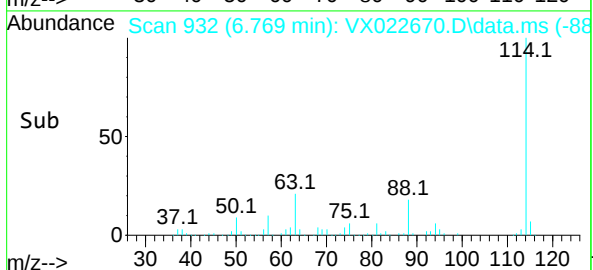
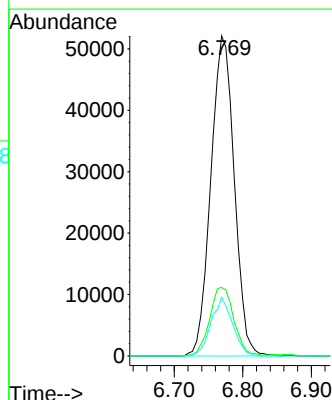
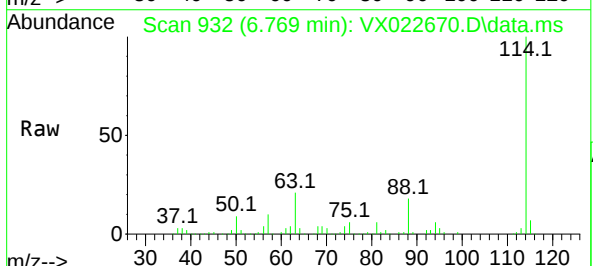
MMDadoda
6/14/2021 9:38:41 AM

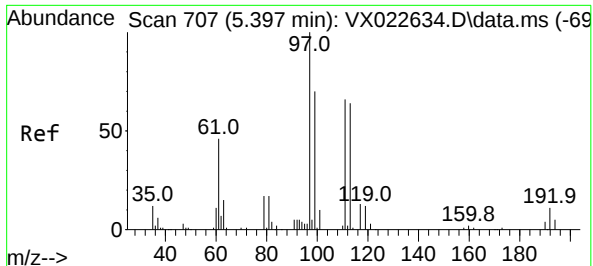


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 114 Resp: 123495
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 18.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.772 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022670.D

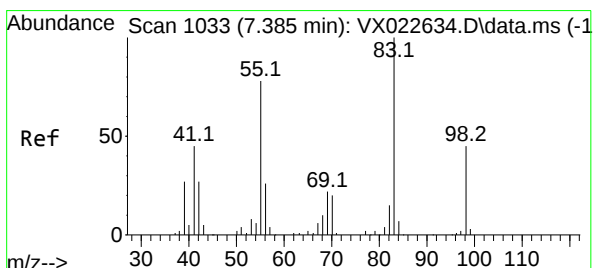
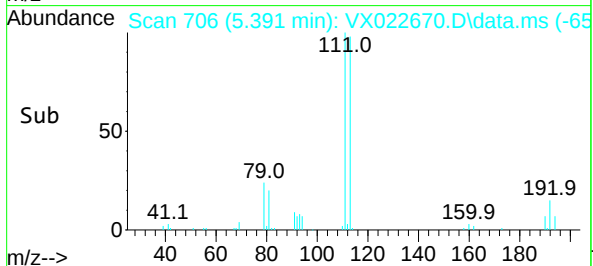
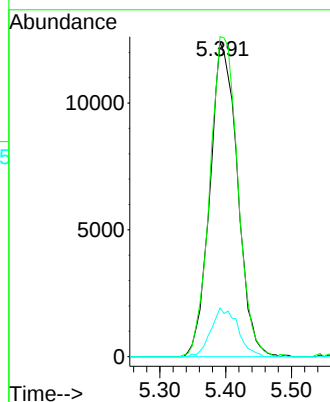
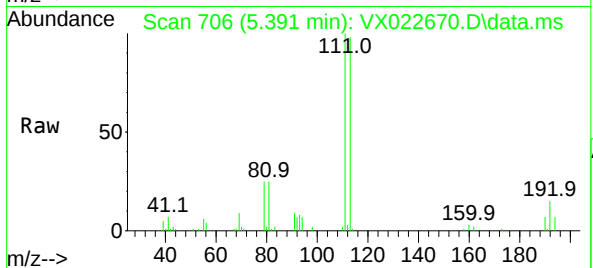
Acq: 11 Jun 2021 16:19

Tgt Ion:	113	Resp:	36065
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.9	122.9
192	15.2	16.7	25.1#

Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:41 AM



#39

Methylcyclohexane

Concen: 113.604 ug/l

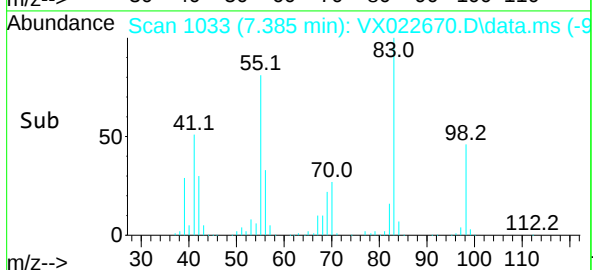
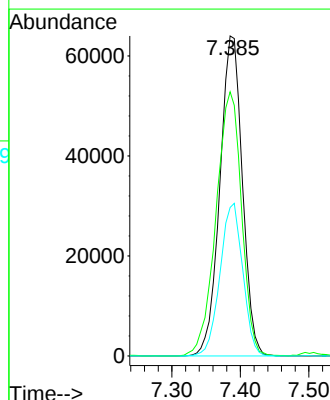
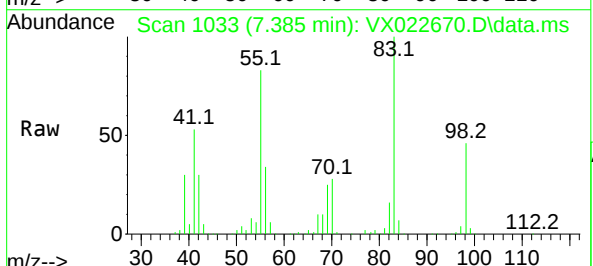
RT: 7.385 min Scan# 1033

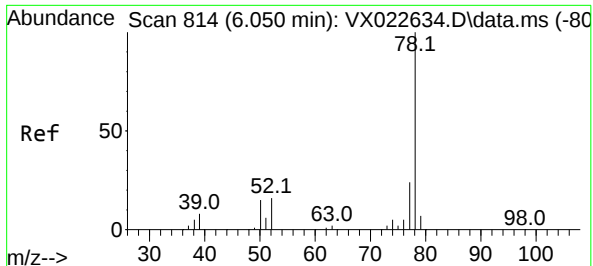
Delta R.T. -0.000 min

Lab File: VX022670.D

Acq: 11 Jun 2021 16:19

Tgt Ion:	83	Resp:	145827
Ion Ratio	Lower	Upper	
83	100		
55	82.4	58.9	88.3
98	46.4	38.1	57.1





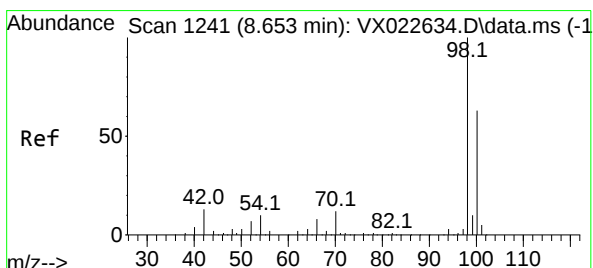
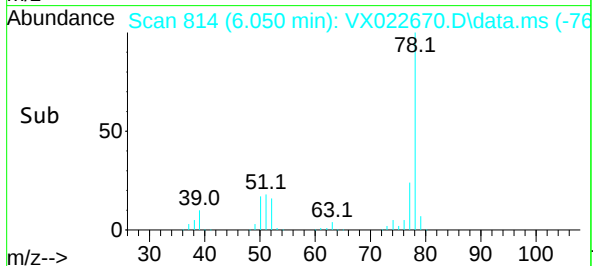
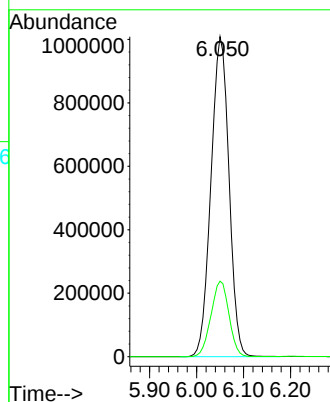
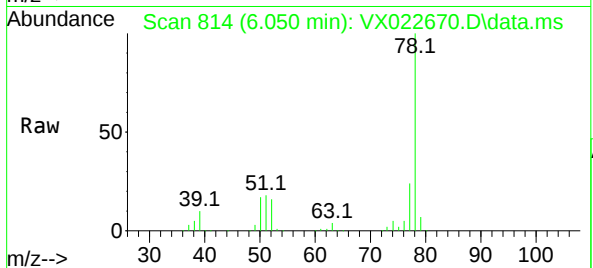
#40
Benzene
Concen: 733.099 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 78 Resp: 2683717
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
MW-2

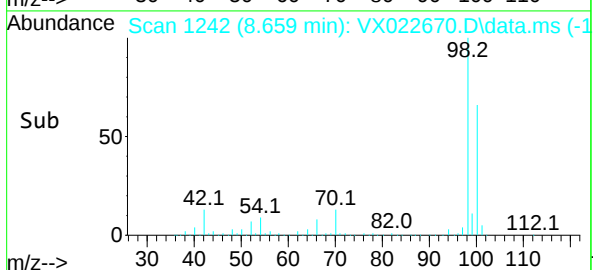
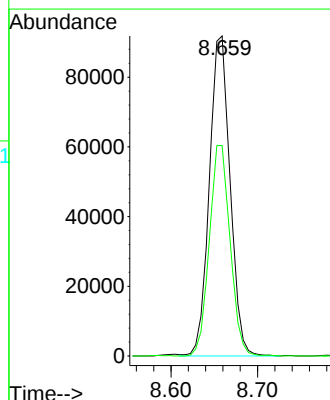
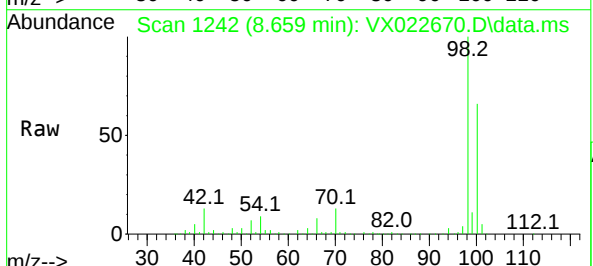
Manual Integrations
APPROVED

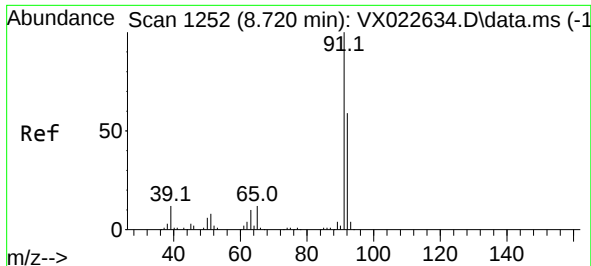
MMDadoda
6/14/2021 9:38:41 AM



#50
Toluene-d8
Concen: 49.159 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 98 Resp: 152691
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9





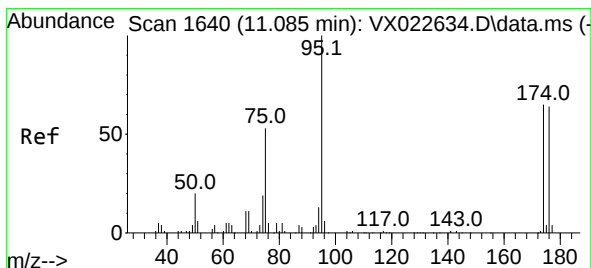
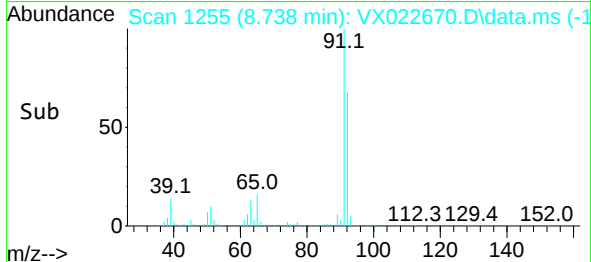
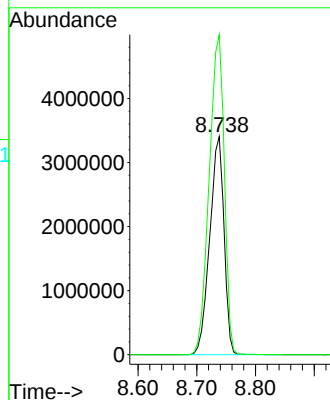
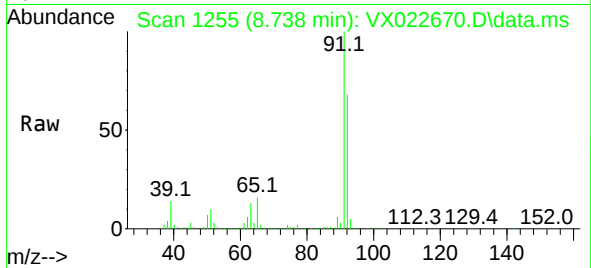
#52
Toluene
Concen: 2524.580 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. 0.018 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 92 Resp: 5752039
Ion Ratio Lower Upper
92 100
91 155.6 137.1 205.7

Instrument :
MSVOA_X
ClientSampled :
MW-2

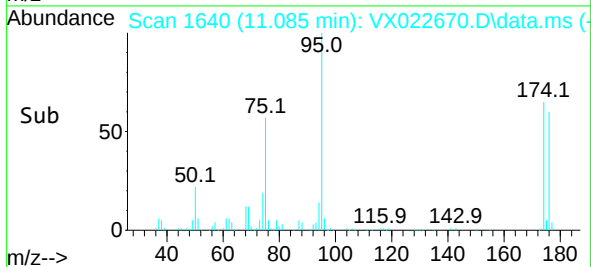
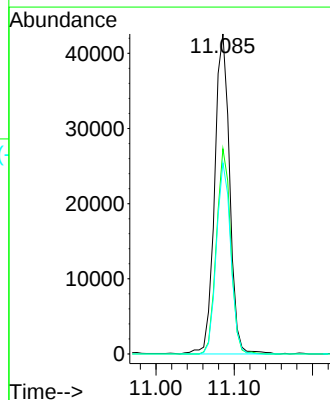
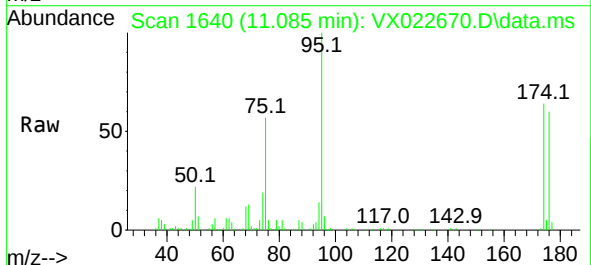
Manual Integrations
APPROVED

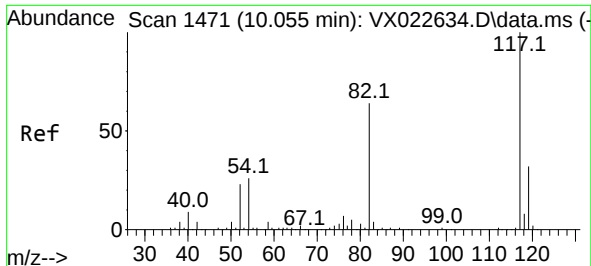
MMDadoda
6/14/2021 9:38:41 AM



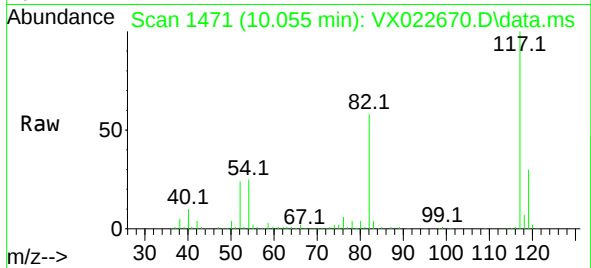
#62
4-Bromofluorobenzene
Concen: 48.307 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion: 95 Resp: 56747
Ion Ratio Lower Upper
95 100
174 60.6 0.0 154.6
176 56.9 0.0 155.8

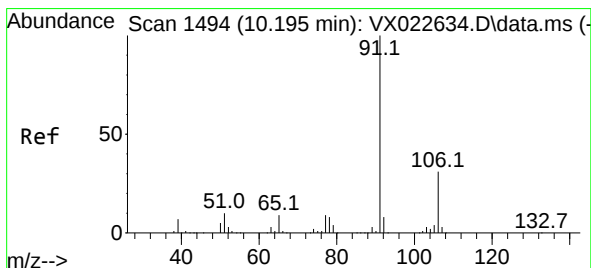
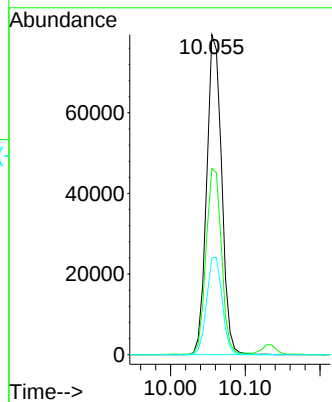
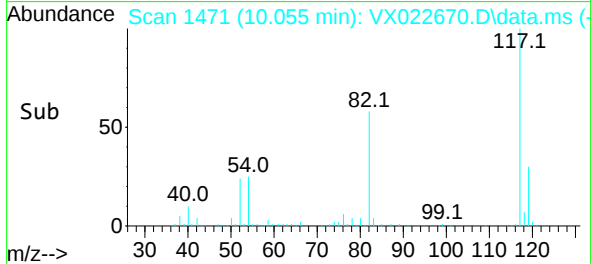




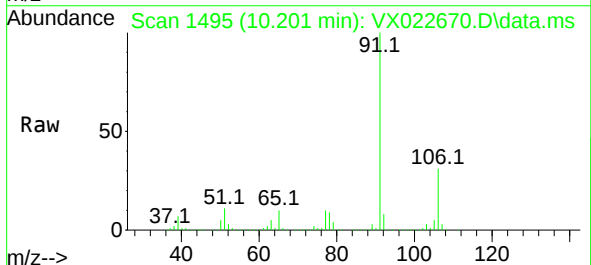
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



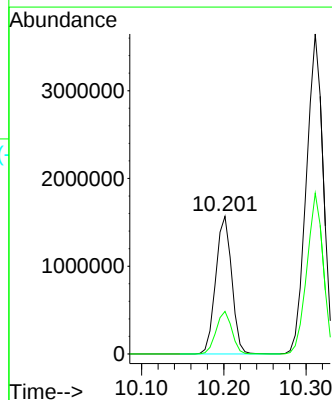
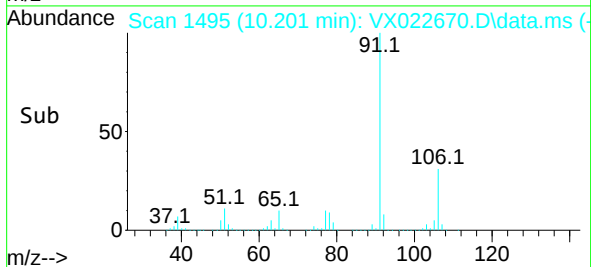
Tgt Ion:117 Resp: 110516
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 30.2 26.6 39.8



#67
Ethyl Benzene
Concen: 498.382 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



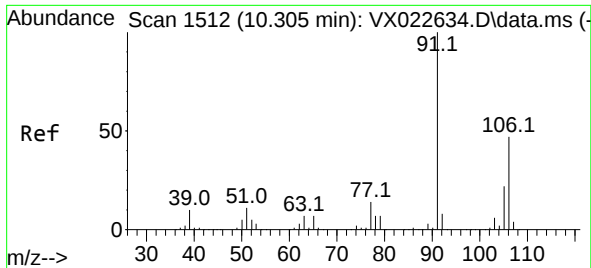
Tgt Ion: 91 Resp: 2113296
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:41 AM



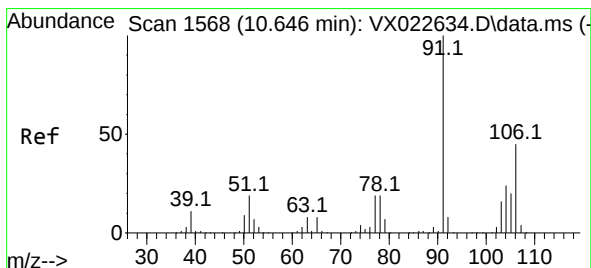
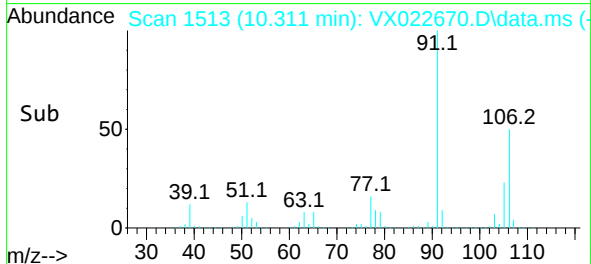
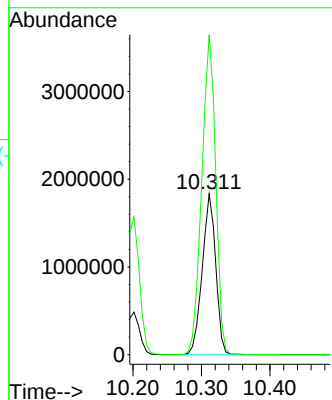
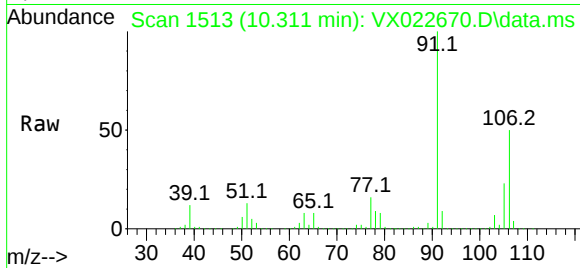
#68
m/p-Xylenes
Concen: 1634.807 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion:106 Resp: 2510878
Ion Ratio Lower Upper
106 100
91 205.8 162.8 244.2

Instrument :
MSVOA_X
ClientSampleId :
MW-2

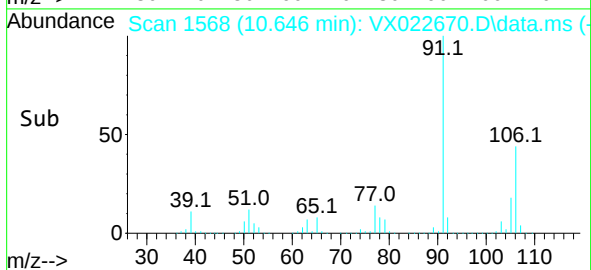
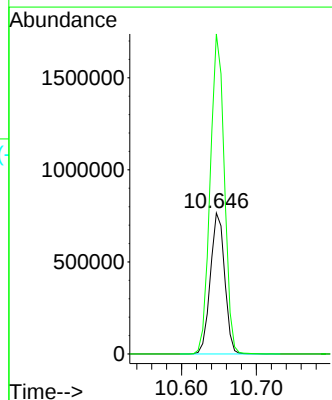
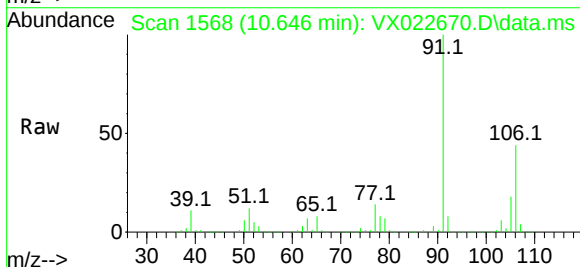
Manual Integrations
APPROVED

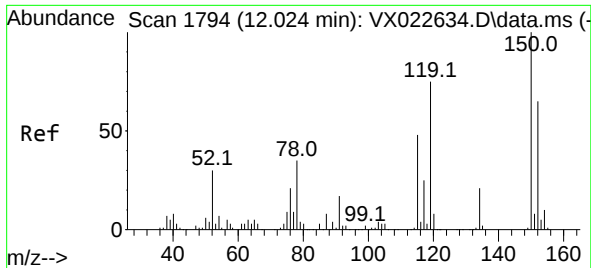
MMDadoda
6/14/2021 9:38:41 AM



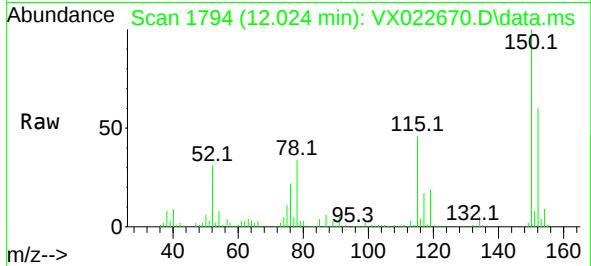
#69
o-Xylene
Concen: 682.200 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion:106 Resp: 1015203
Ion Ratio Lower Upper
106 100
91 224.7 108.1 324.2

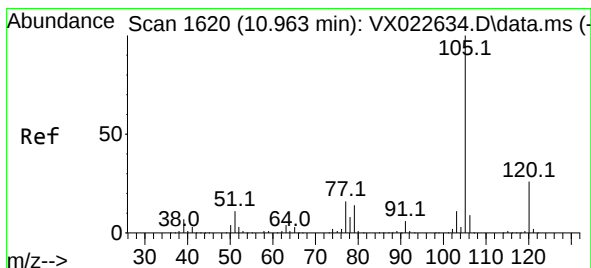
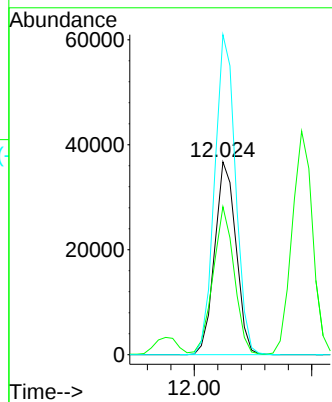
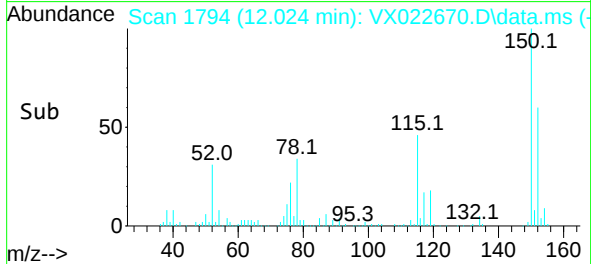




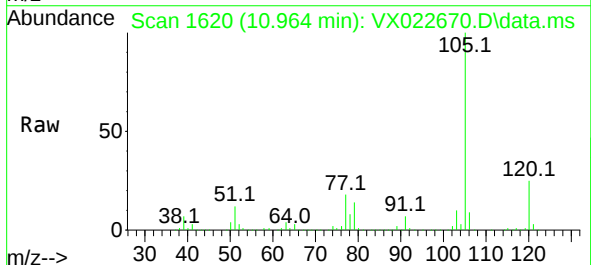
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



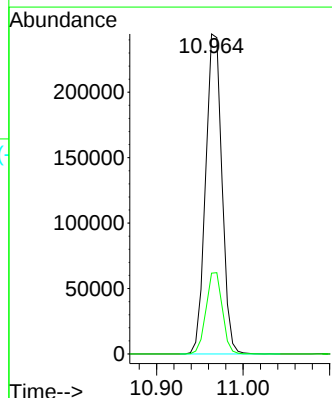
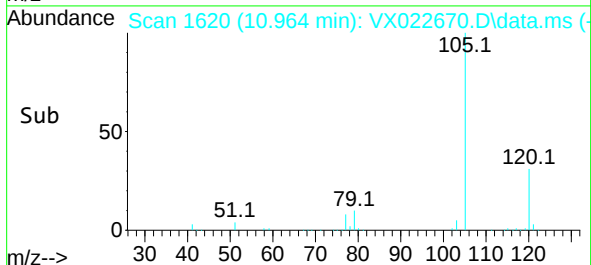
Tgt Ion:152 Resp: 46263
Ion Ratio Lower Upper
152 100
115 76.1 41.1 123.3
150 163.0 0.0 349.0



#73
Isopropylbenzene
Concen: 84.287 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



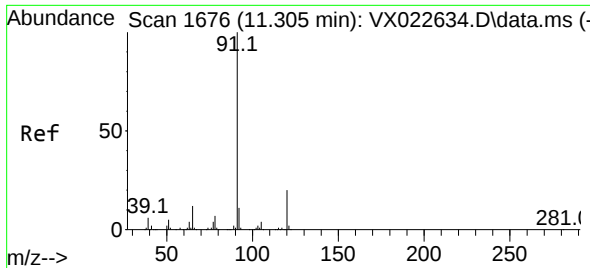
Tgt Ion:105 Resp: 320181
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.6



Instrument :
MSVOA_X
ClientSampled :
MW-2

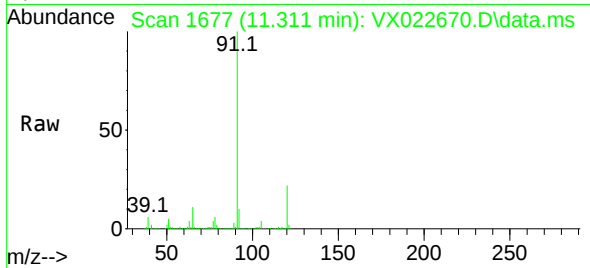
Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:41 AM



#78
n-propylbenzene
Concen: 181.312 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

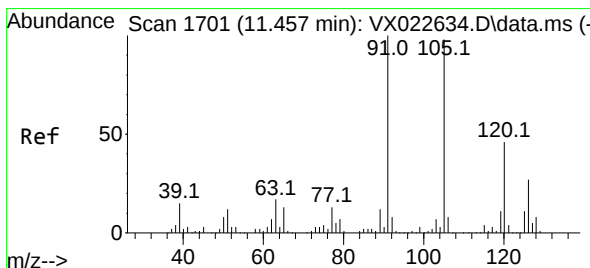
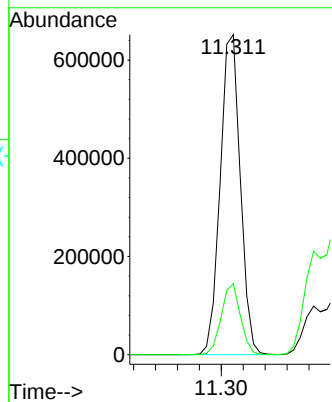
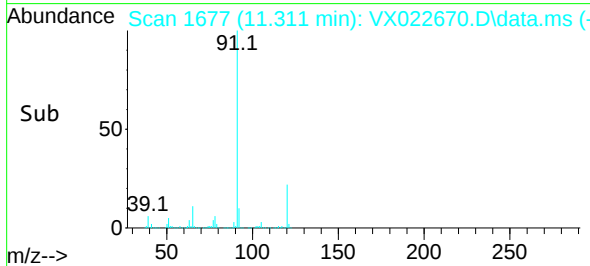
Instrument :
MSVOA_X
ClientSampled :
MW-2



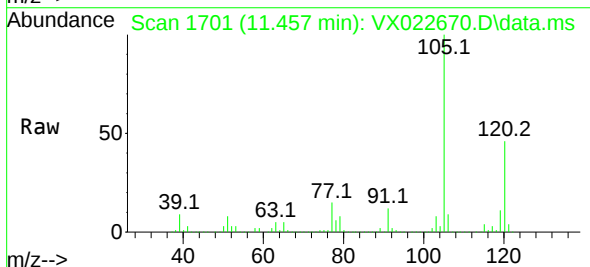
Tgt Ion: 91 Resp: 831910
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.5

Manual Integrations
APPROVED

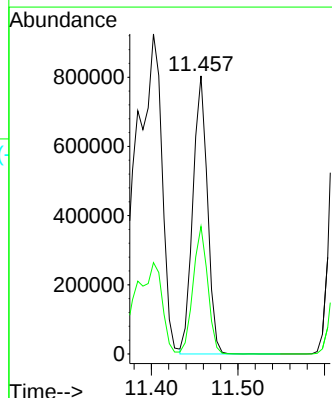
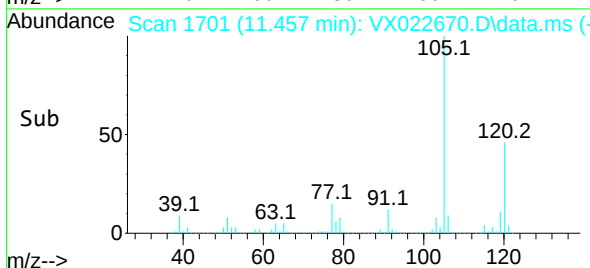
MMDadoda
6/14/2021 9:38:41 AM

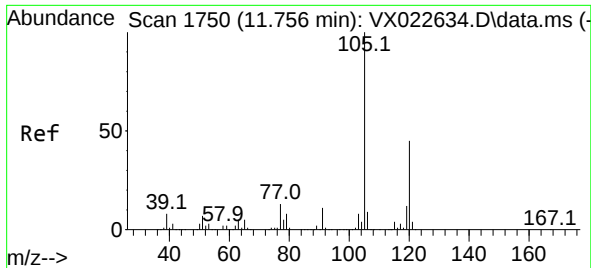


#80
1,3,5-Trimethylbenzene
Concen: 296.705 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19



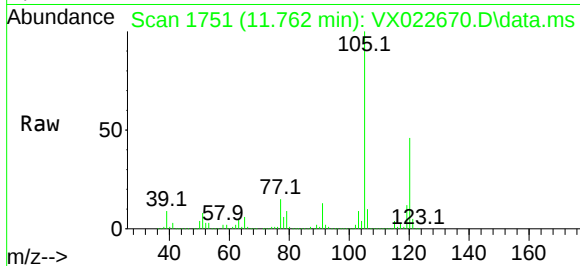
Tgt Ion: 105 Resp: 938863
Ion Ratio Lower Upper
105 100
120 45.9 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 1244.413 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

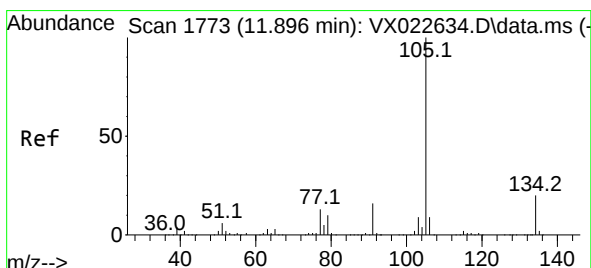
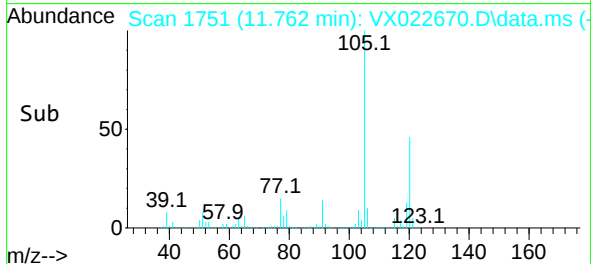
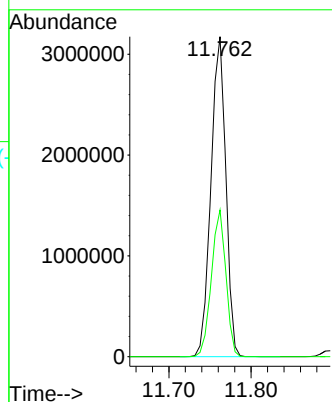
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:105 Resp: 3994060
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

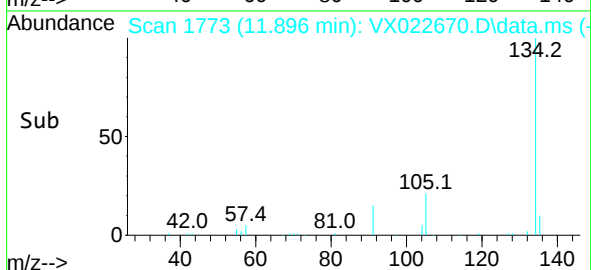
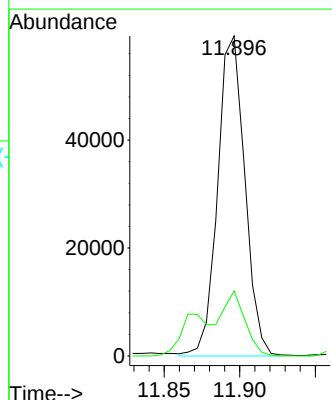
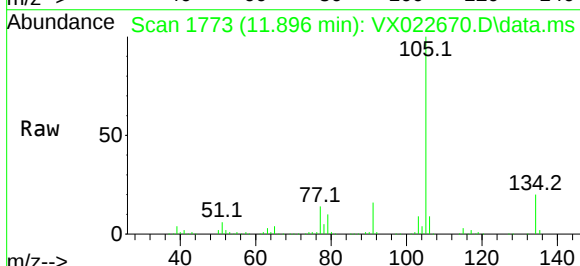
Manual Integrations
APPROVED

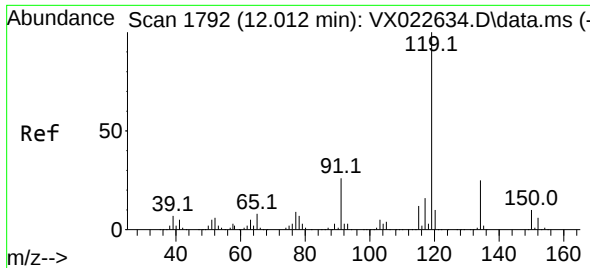
MMDadoda
6/14/2021 9:38:41 AM



#85
sec-Butylbenzene
Concen: 19.125 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion:105 Resp: 74239
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





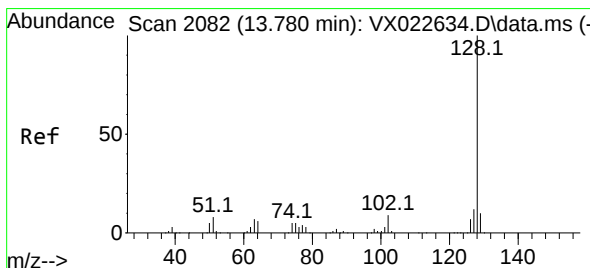
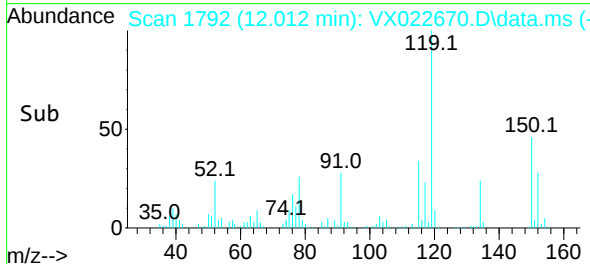
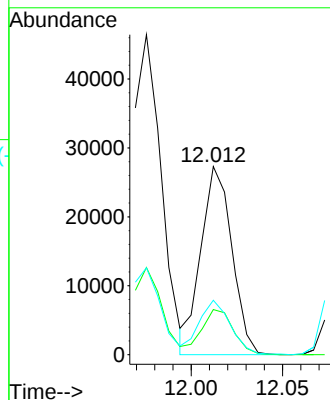
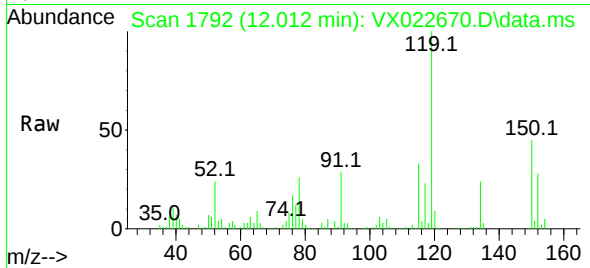
#86
p-Isopropyltoluene
Concen: 10.082 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion:119 Resp: 32308
Ion Ratio Lower Upper
119 100
134 24.9 12.9 38.7
91 0.0 11.7 35.0#

Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
APPROVED

MMDadoda
6/14/2021 9:38:41 AM



#95
Naphthalene
Concen: 172.345 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022670.D
Acq: 11 Jun 2021 16:19

Tgt Ion:128 Resp: 692270
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2

