

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029665.D
 Acq On : 21 Jun 2022 16:09
 Operator : JC/MD
 Sample : N3290-04DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4ADL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 01:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	252309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	426153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141551	42.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.760%		
35) Dibromofluoromethane	5.391	113	126975	45.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.440%		
50) Toluene-d8	8.653	98	485440	47.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.085	95	177052	46.276	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	10804	1.217	ug/l #	78
22) Diisopropyl ether	3.770	45	10363	1.269	ug/l #	84
31) Cyclohexane	5.477	56	5478	1.222	ug/l	93
39) Methylcyclohexane	7.385	83	3076	0.656	ug/l #	77
40) Benzene	6.044	78	384253	34.487	ug/l	99
52) Toluene	8.720	92	14322	2.007	ug/l	98
67) Ethyl Benzene	10.195	91	206226	15.741	ug/l	99
68) m/p-Xylenes	10.305	106	61832	12.102	ug/l	100
69) o-Xylene	10.646	106	28513	5.649	ug/l	96
73) Isopropylbenzene	10.963	105	29314	2.336	ug/l	99
78) n-propylbenzene	11.305	91	49111	3.475	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	8755	0.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	81206	7.705	ug/l	99
89) n-Butylbenzene	12.335	91	3311	0.367	ug/l #	54
95) Naphthalene	13.780	128	53010m	4.516	ug/l	

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

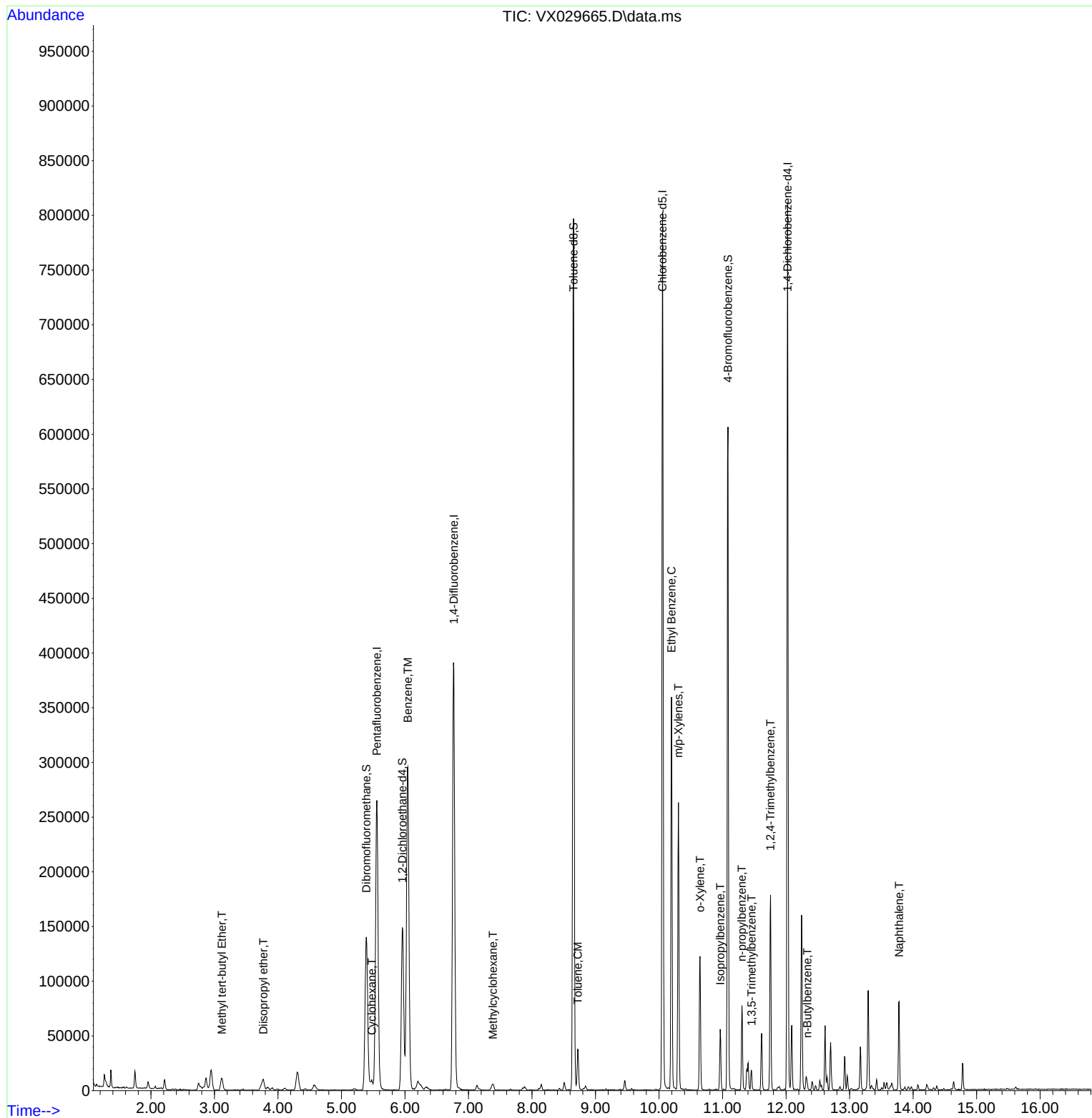
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029665.D
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Operator : JC/MD
Sample : N3290-04DL 50X
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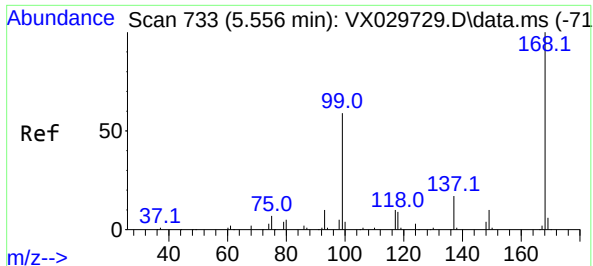
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL

Quant Time: Jun 22 01:11:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

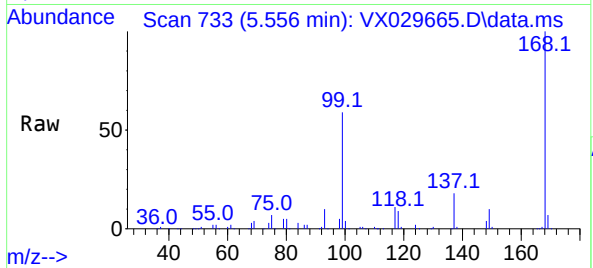
Reviewed By : John Carlone 06/22/2022
Supervised By : Mahesh Dadoda 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

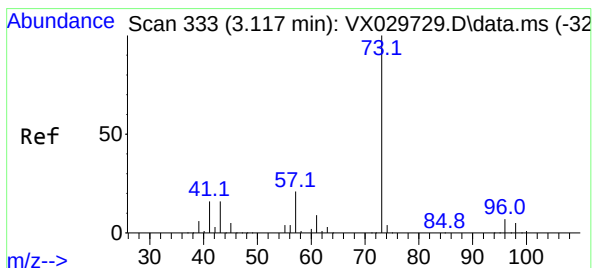
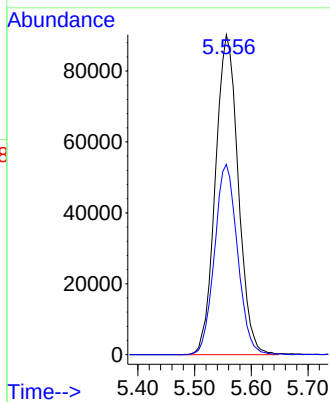
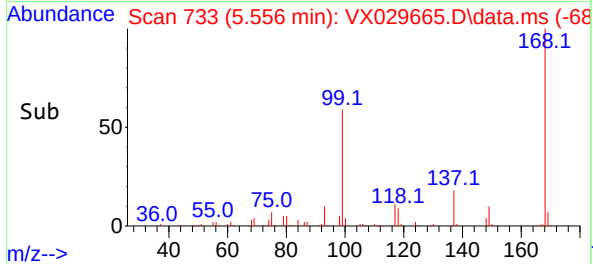
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



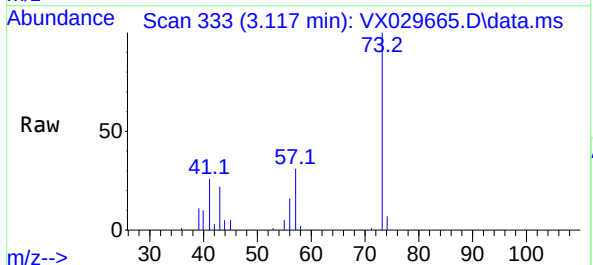
Tgt Ion:168 Resp: 252309
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5

Manual Integrations
APPROVED

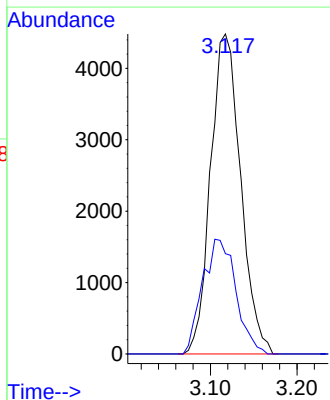
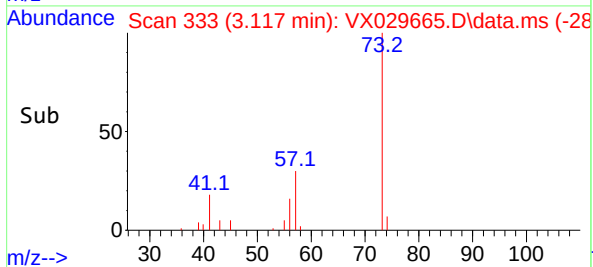
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

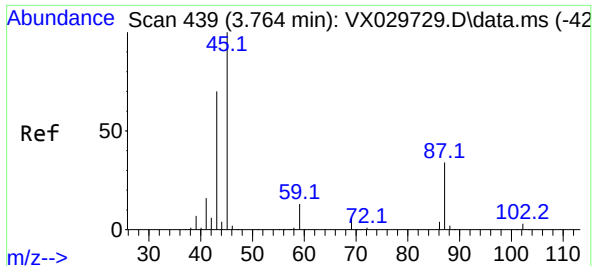


#19
Methyl tert-butyl Ether
Concen: 1.217 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



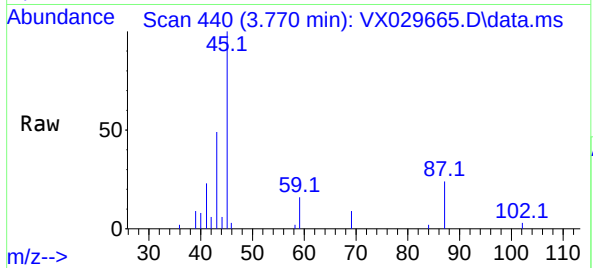
Tgt Ion: 73 Resp: 10804
Ion Ratio Lower Upper
73 100
57 31.3 16.8 25.2#





#22
Diisopropyl ether
Concen: 1.269 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

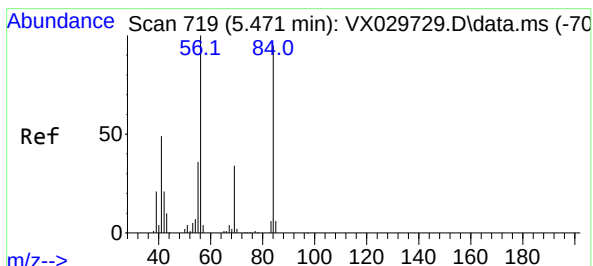
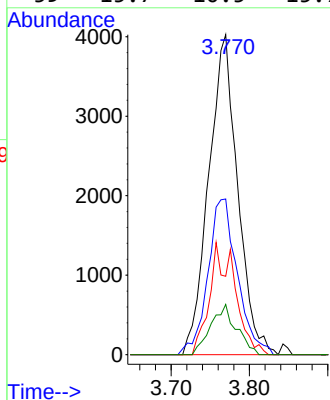
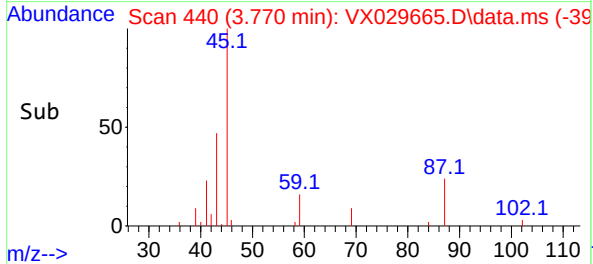
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



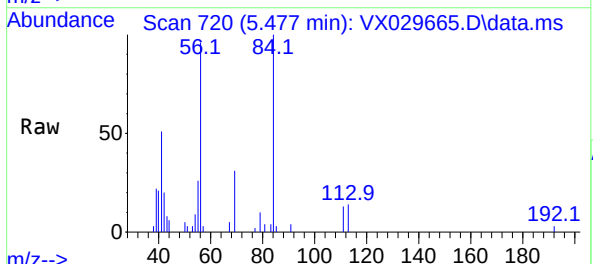
Tgt Ion: 45 Resp: 1036
Ion Ratio Lower Upper
45 100
43 48.7 50.8 76.2
87 24.5 26.6 39.8
59 15.7 10.5 15.7

Manual Integrations
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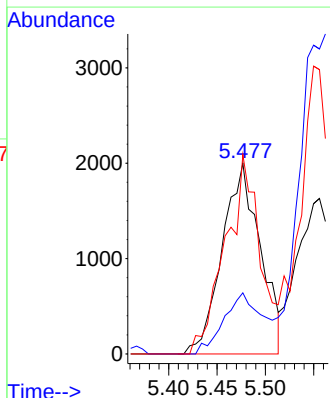
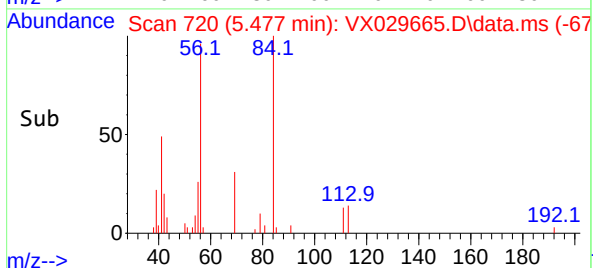
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

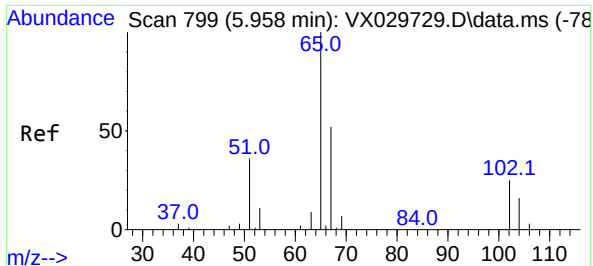


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



Tgt Ion: 56 Resp: 5478
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 104.4 77.2 115.8





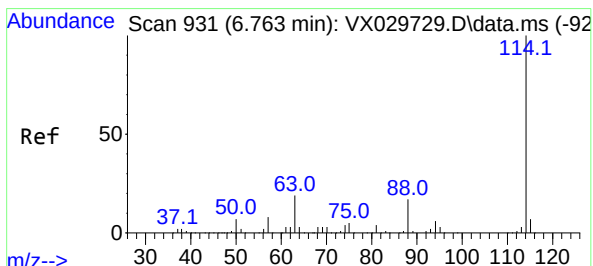
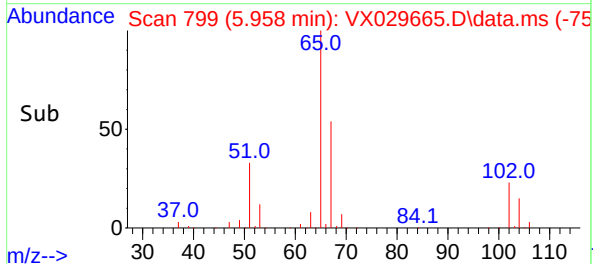
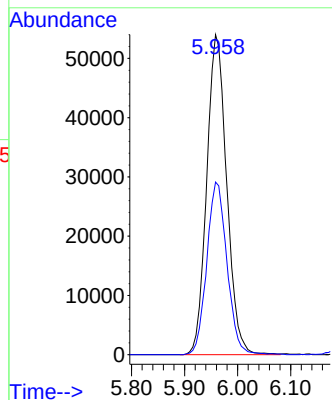
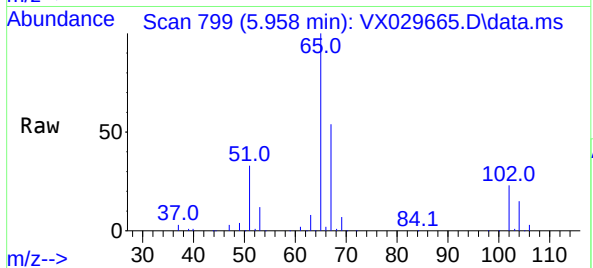
#33
1,2-Dichloroethane-d4
Concen: 42.382 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL

Tgt Ion: 65 Resp: 14155
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.4

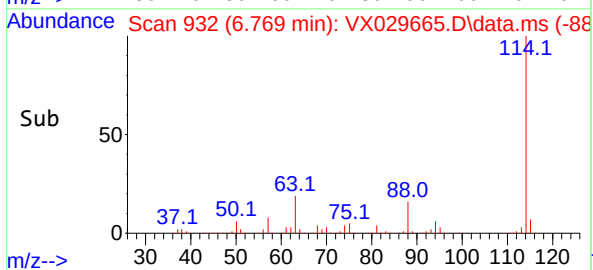
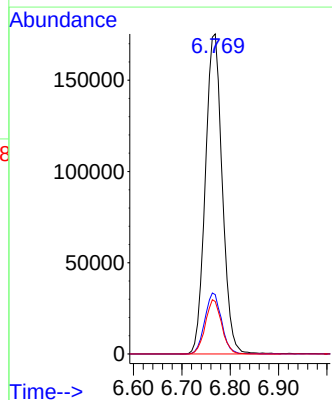
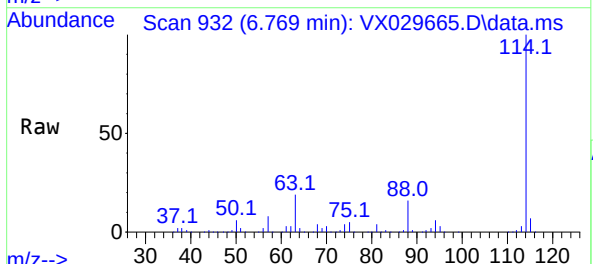
Manual Integrations
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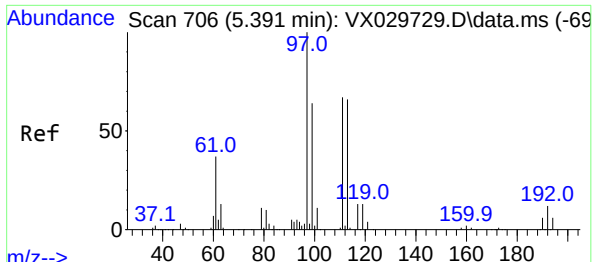
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

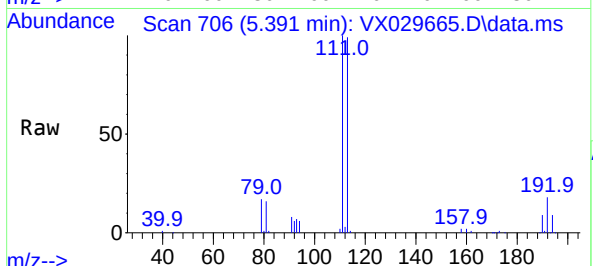
Tgt Ion:114 Resp: 426153
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

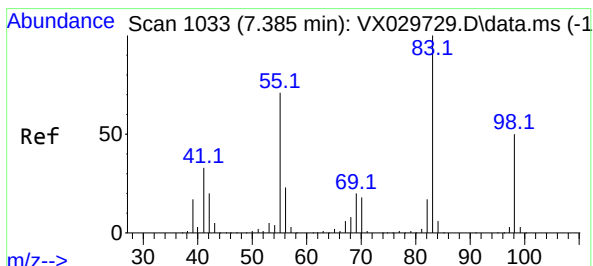
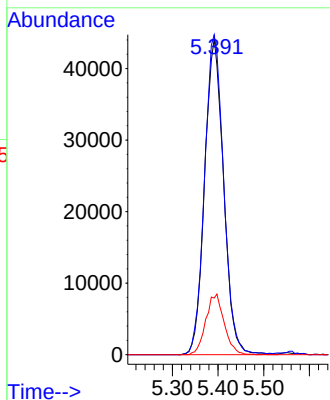
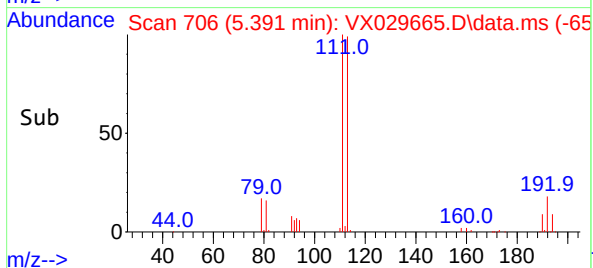
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



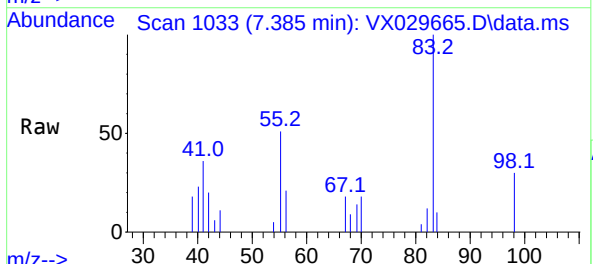
Tgt Ion: 113 Resp: 12697
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.6 16.9 25.3

Manual Integrations
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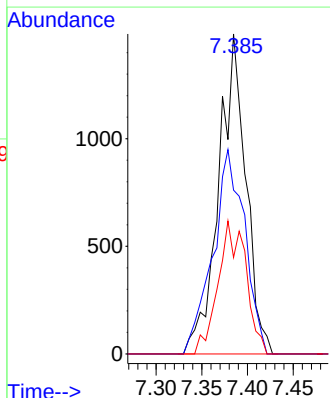
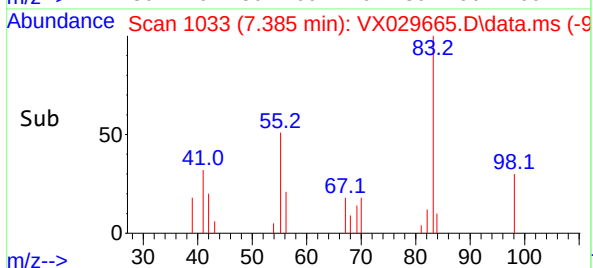
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

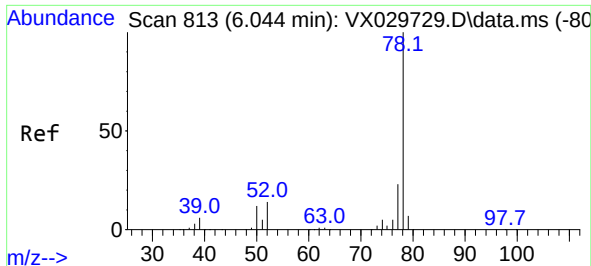


#39
Methylcyclohexane
Concen: 0.656 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



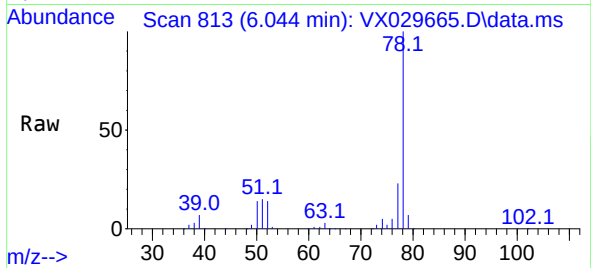
Tgt Ion: 83 Resp: 3076
Ion Ratio Lower Upper
83 100
55 51.2 54.6 81.8#
98 30.1 37.4 56.2#





#40
Benzene
Concen: 34.487 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

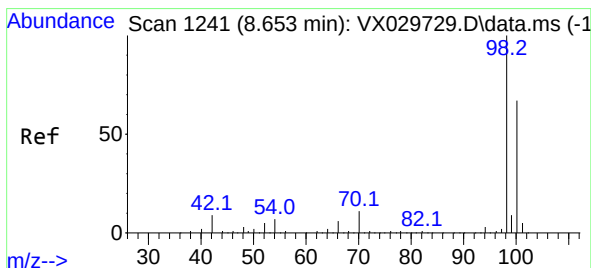
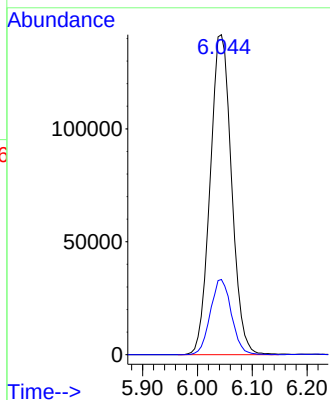
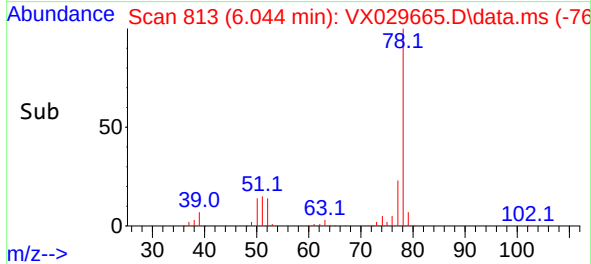
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



Tgt Ion: 78 Resp: 38425
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

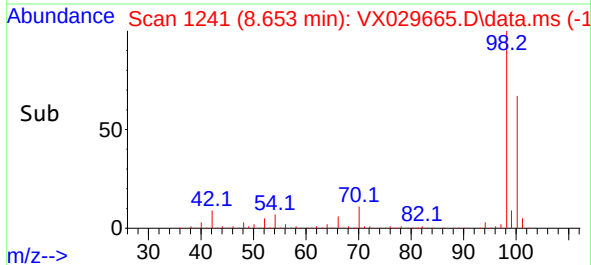
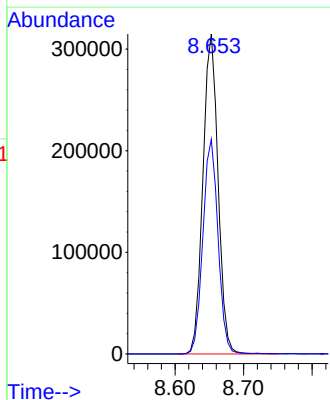
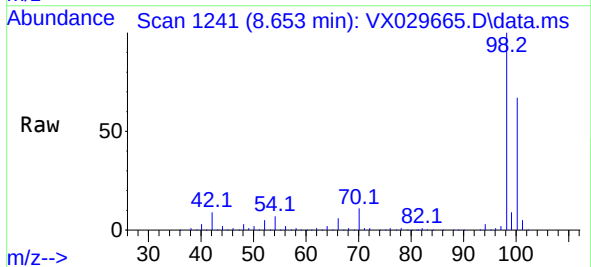
Manual Integrations
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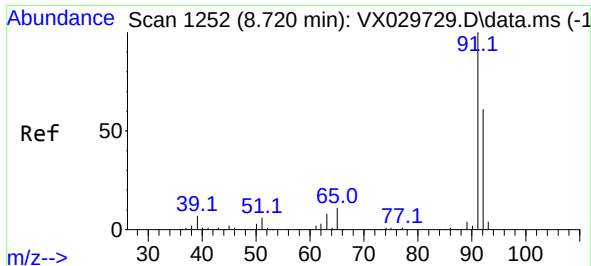
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 47.847 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

Tgt Ion: 98 Resp: 485440
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8





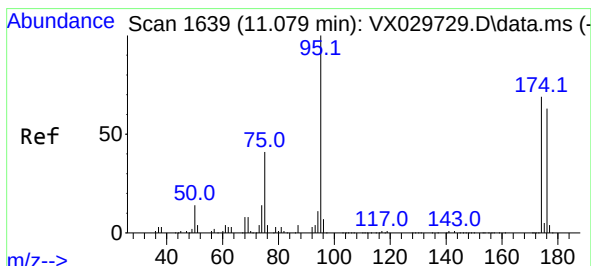
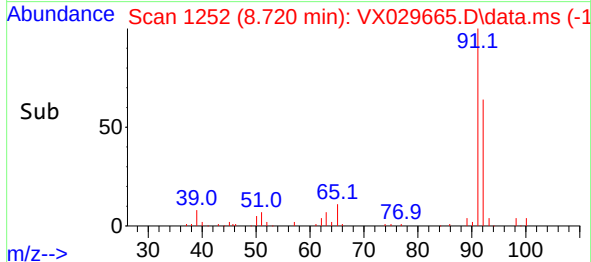
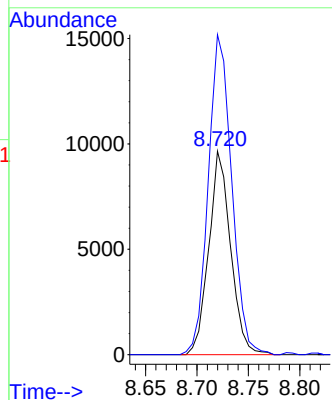
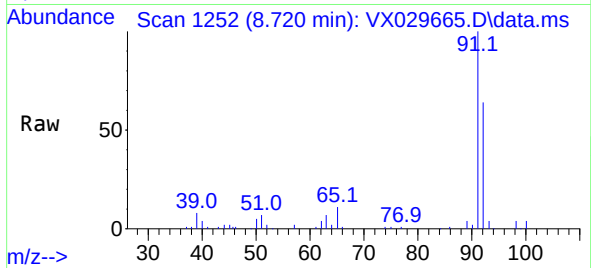
#52
Toluene
Concen: 2.007 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL

Tgt Ion: 92 Resp: 1432
Ion Ratio Lower Upper
92 100
91 168.6 137.5 206.3

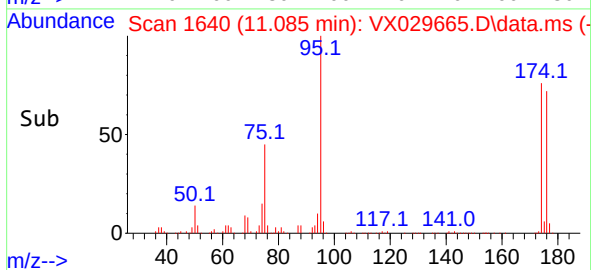
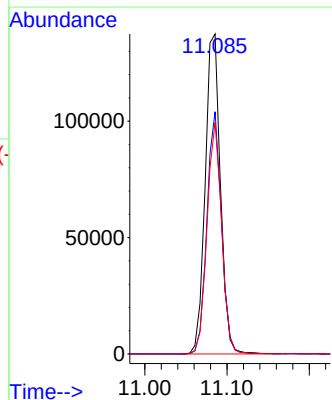
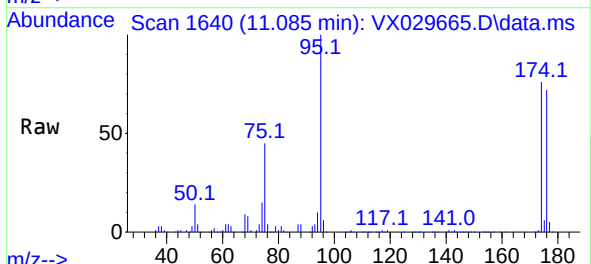
Manual Integrations
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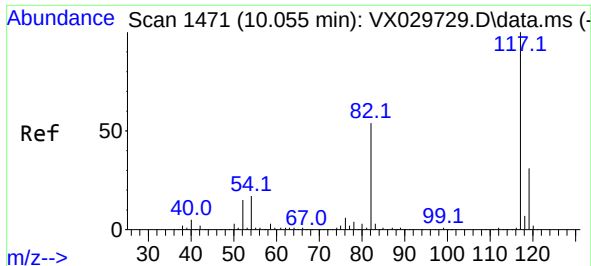
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 46.276 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

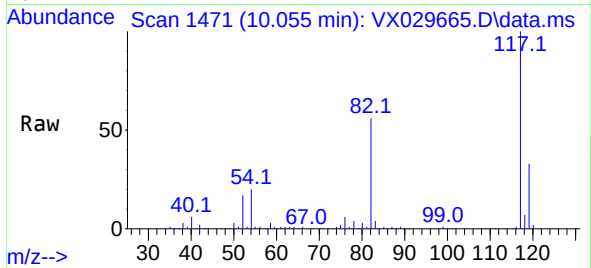
Tgt Ion: 95 Resp: 177052
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 69.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

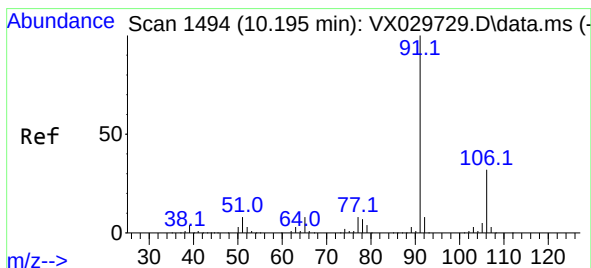
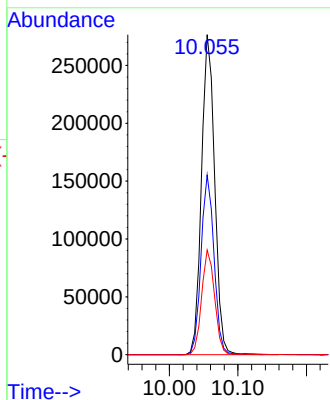
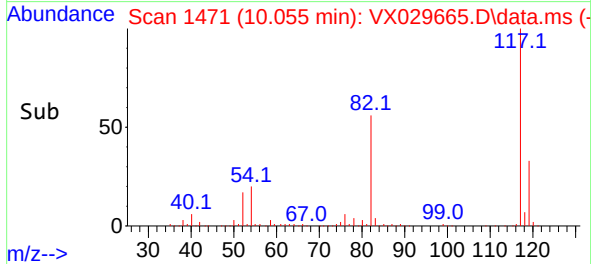
Instrument :
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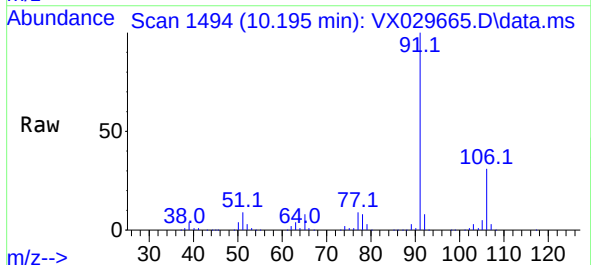
Tgt Ion:117 Resp: 371159
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.7 24.8 37.2

Manual Integrations
APPROVED

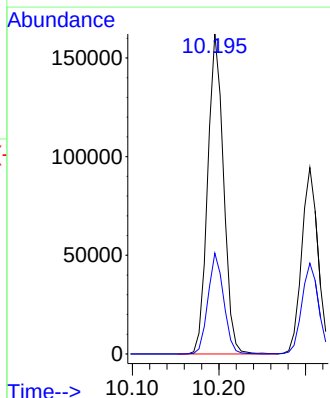
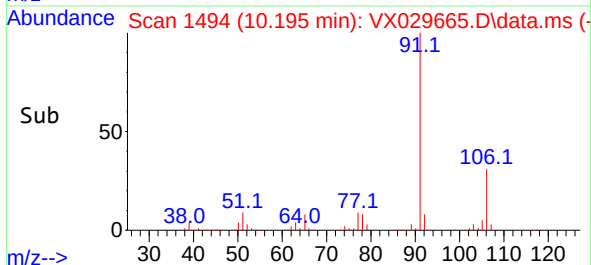
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

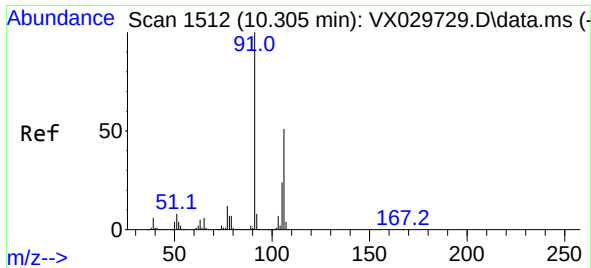


#67
Ethyl Benzene
Concen: 15.741 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



Tgt Ion: 91 Resp: 206226
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8





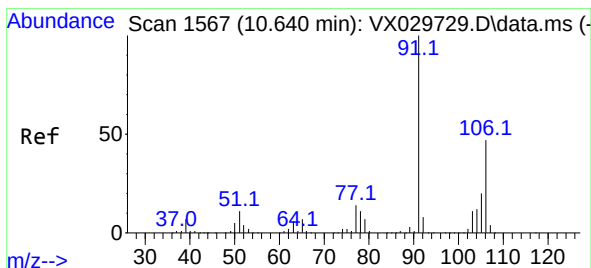
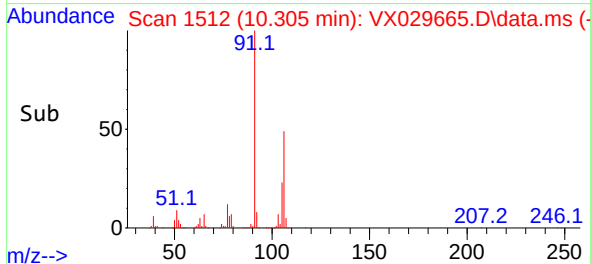
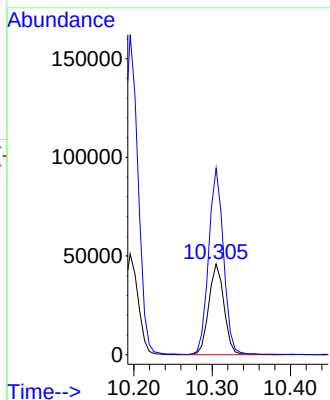
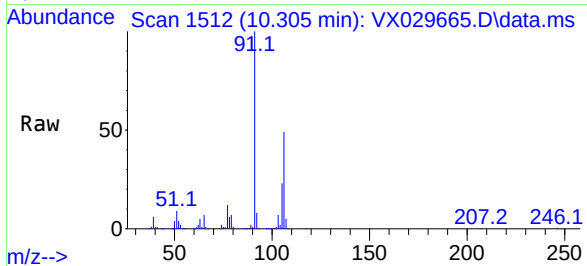
#68
m/p-Xylenes
Concen: 12.102 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL

Tgt Ion:106 Resp: 61832
Ion Ratio Lower Upper
106 100
91 200.8 160.4 240.6

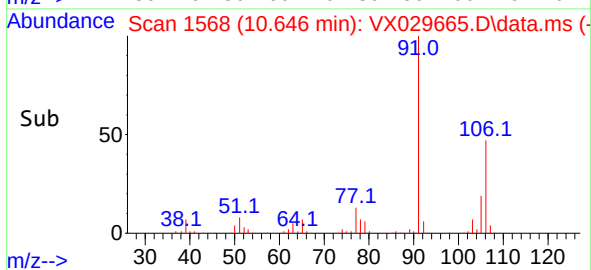
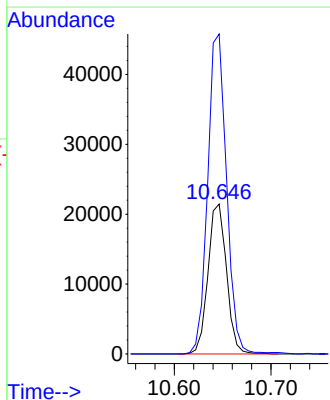
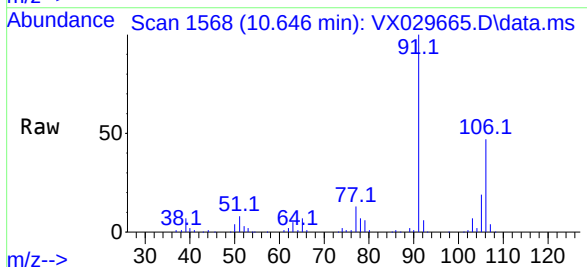
Manual Integrations
APPROVED

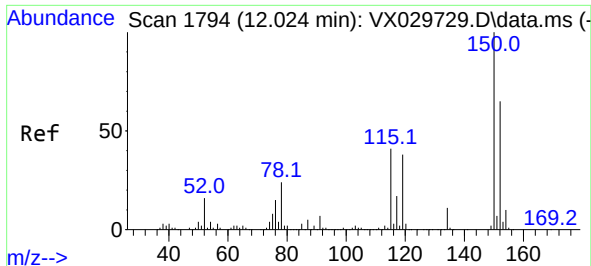
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 5.649 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

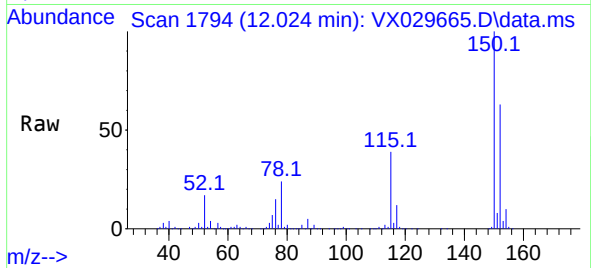
Tgt Ion:106 Resp: 28513
Ion Ratio Lower Upper
106 100
91 217.8 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

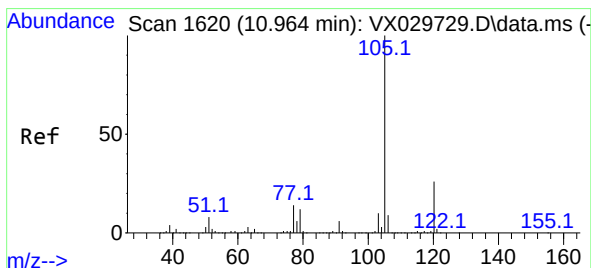
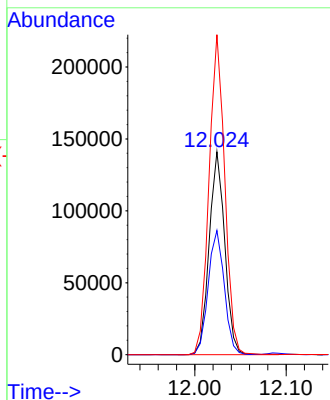
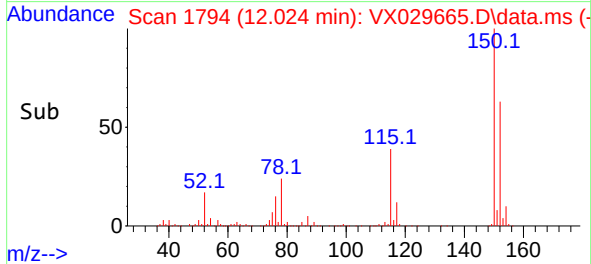
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



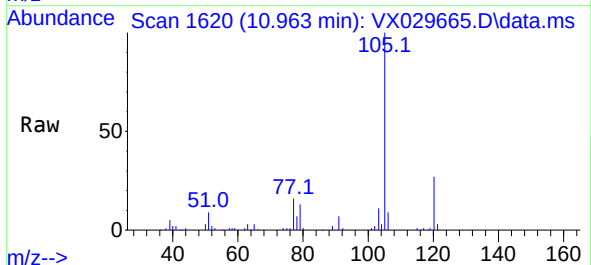
Tgt Ion:152 Resp: 167350
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 159.2 0.0 338.2

Manual Integrations
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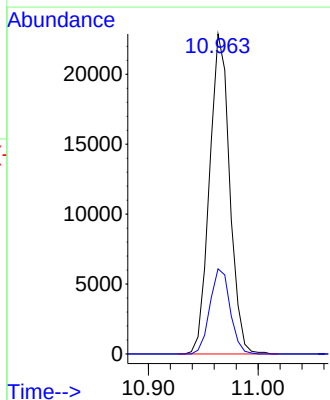
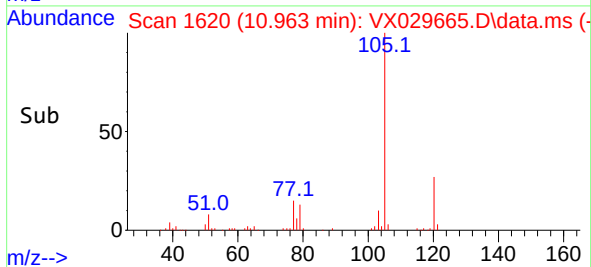
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

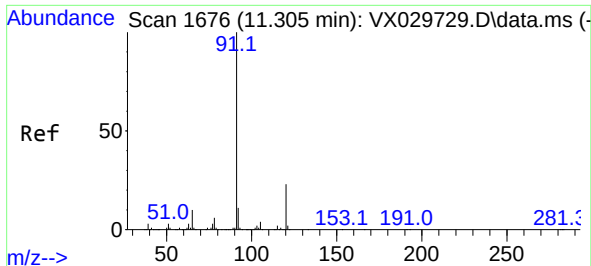


#73
Isopropylbenzene
Concen: 2.336 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



Tgt Ion:105 Resp: 29314
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5





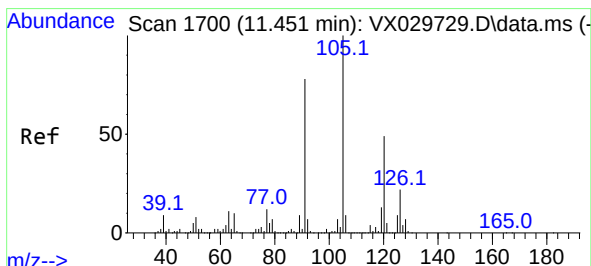
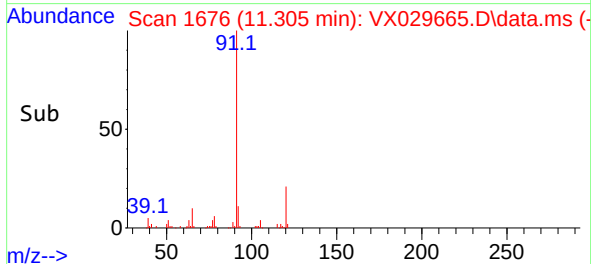
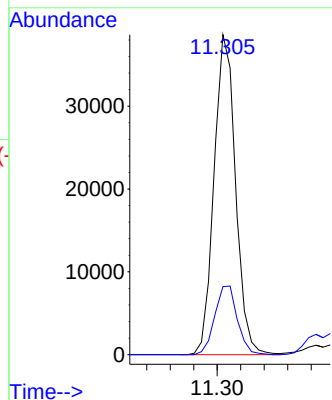
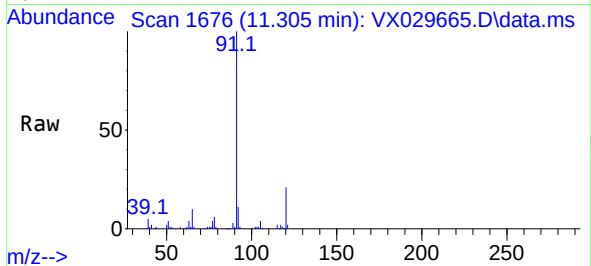
#78
n-propylbenzene
Concen: 3.475 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL

Tgt Ion: 91 Resp: 4911
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

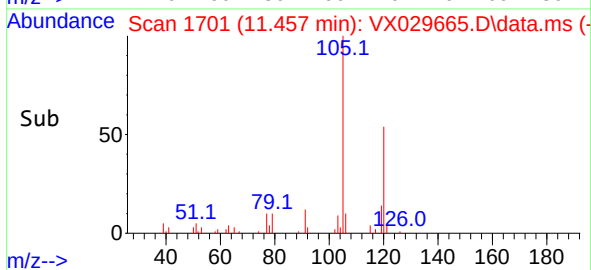
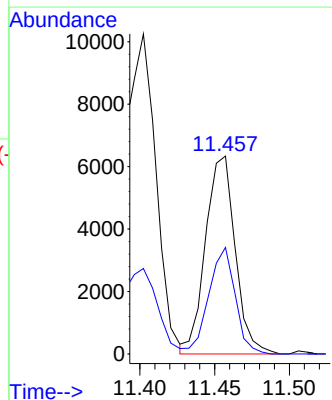
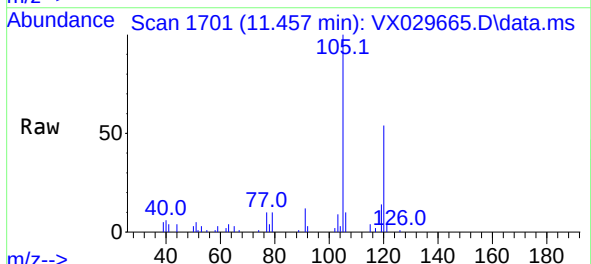
Manual Integrations
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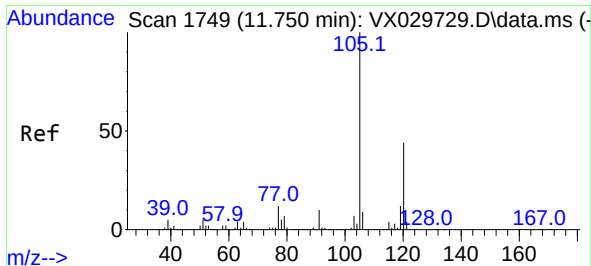
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.829 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

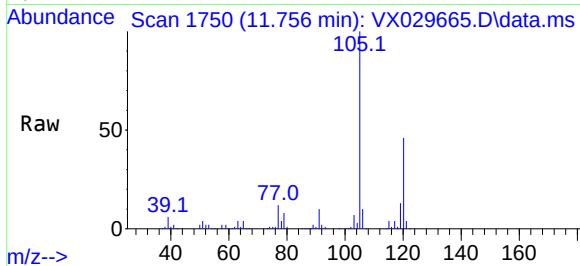
Tgt Ion:105 Resp: 8755
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 7.705 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09

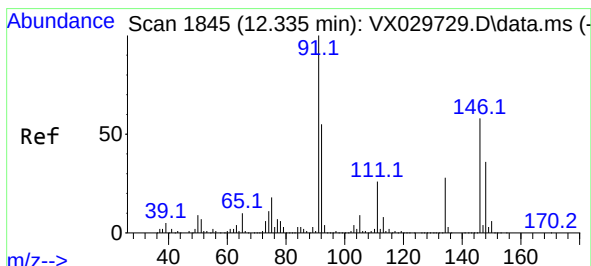
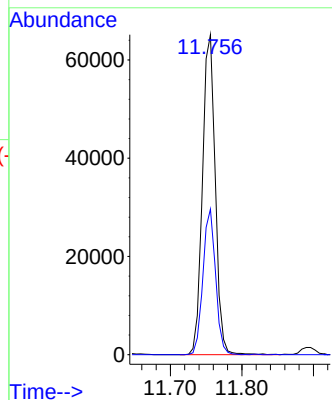
Instrument :
MSVOA_X
ClientSampleId :
MW-4ADL



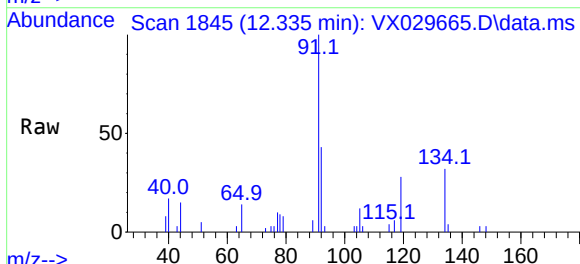
Tgt Ion:105 Resp: 81200
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8

Manual Integrations
APPROVED

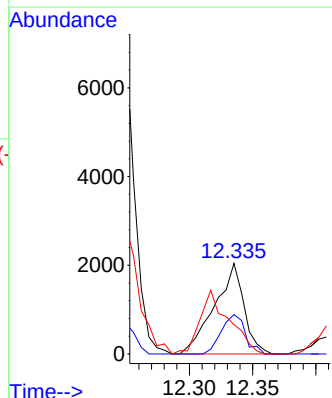
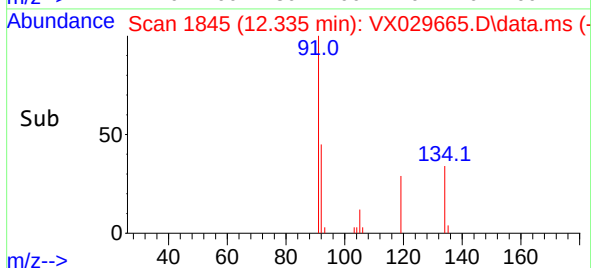
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

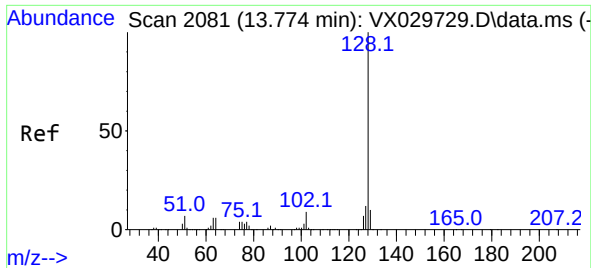


#89
n-Butylbenzene
Concen: 0.367 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029665.D
Acq: 21 Jun 2022 16:09



Tgt Ion: 91 Resp: 3311
Ion Ratio Lower Upper
91 100
92 35.2 27.8 83.3
134 69.6 13.3 39.8#





#95

Naphthalene

Concen: 4.516 ug/l m

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029665.D

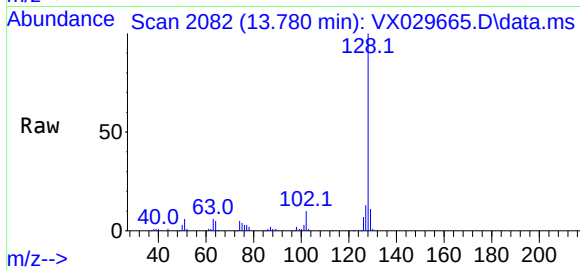
Acq: 21 Jun 2022 16:09

Instrument :

MSVOA_X

ClientSampleId :

MW-4ADL



Tgt Ion:	128	Resp:	53010
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.2	15.4
129	0.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022

