

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028735.D
 Acq On : 16 May 2022 16:42
 Operator : JC/MD
 Sample : N2862-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9RR

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	240079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169642	51.548	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.100%			
35) Dibromofluoromethane	5.391	113	144274	50.041	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.080%			
50) Toluene-d8	8.653	98	539908	49.670	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	214867	52.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.840%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	11676	9.027	ug/l	97
16) Acetone	2.380	43	4345	3.076	ug/l	89
39) Methylcyclohexane	7.385	83	9424	1.898	ug/l	92
52) Toluene	8.720	92	31913	3.986	ug/l	95
61) 1,2-Dibromoethane	9.610	107	32767	9.556	ug/l	98
67) Ethyl Benzene	10.195	91	51257	3.153	ug/l	98
68) m/p-Xylenes	10.299	106	557263	88.034	ug/l	98
69) o-Xylene	10.646	106	1262484	202.572	ug/l	100
73) Isopropylbenzene	10.963	105	25647	1.563	ug/l	100
78) n-propylbenzene	11.305	91	34611	1.823	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	562419	41.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	808243	58.942	ug/l	99
85) sec-Butylbenzene	11.890	105	9534m	0.584	ug/l	
86) p-Isopropyltoluene	12.012	119	16498	1.204	ug/l	92
95) Naphthalene	13.780	128	531394	34.556	ug/l	99

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

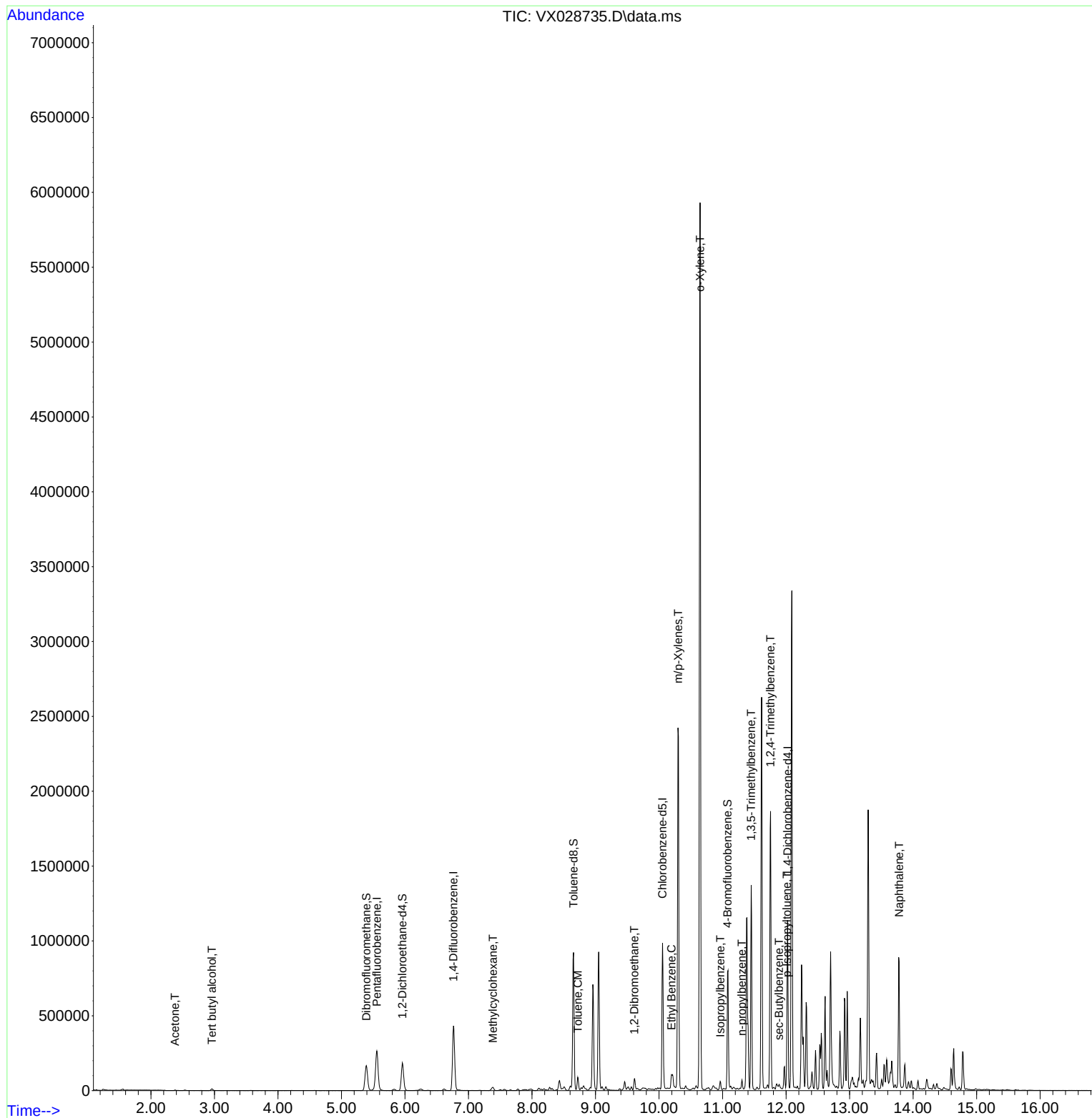
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028735.D
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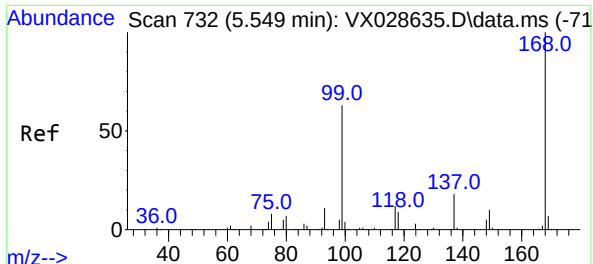
Instrument :
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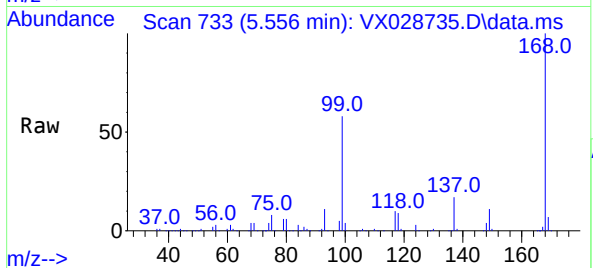
Quant Time: May 17 03:38:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

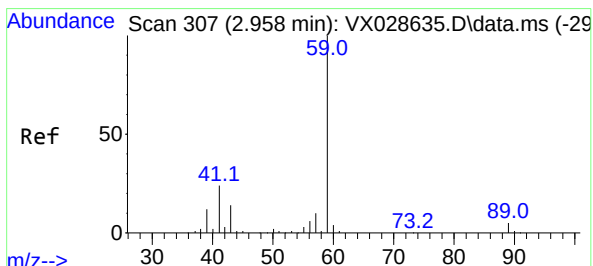
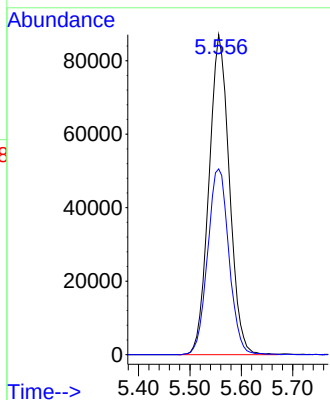
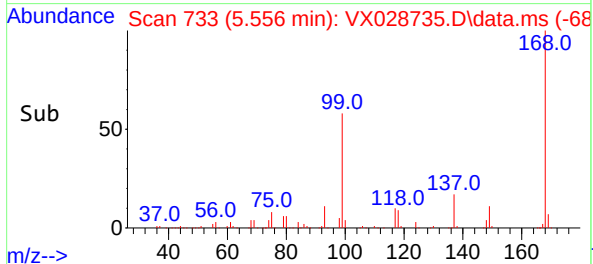
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



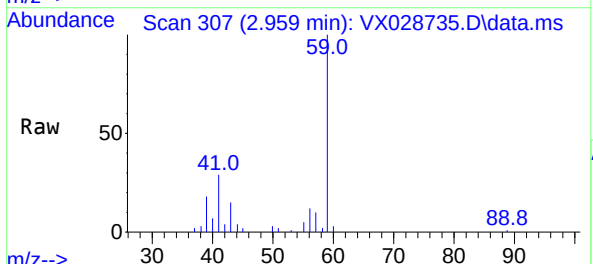
Tgt Ion:168 Resp: 240079
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5

Manual Integrations
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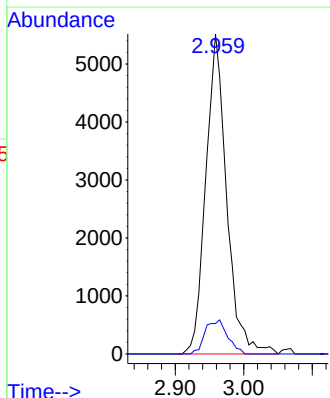
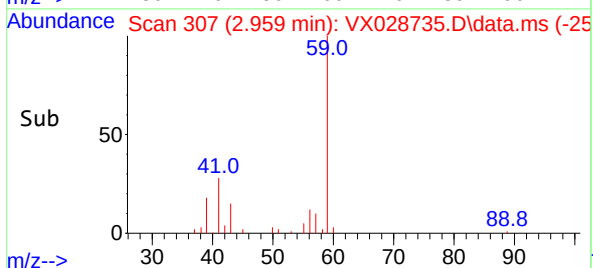
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

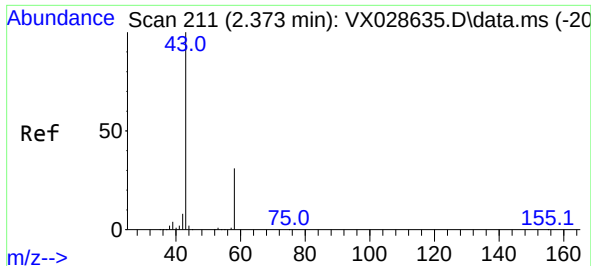


#11
Tert butyl alcohol
Concen: 9.027 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42



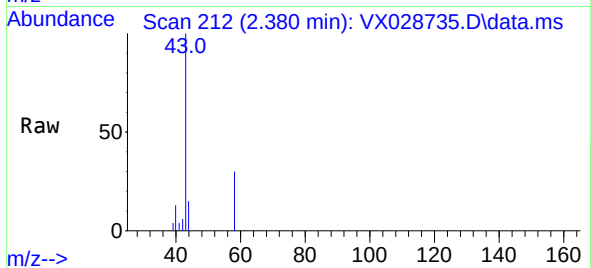
Tgt Ion: 59 Resp: 11676
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5





#16
Acetone
Concen: 3.076 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

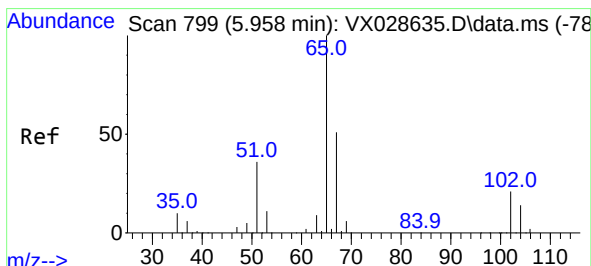
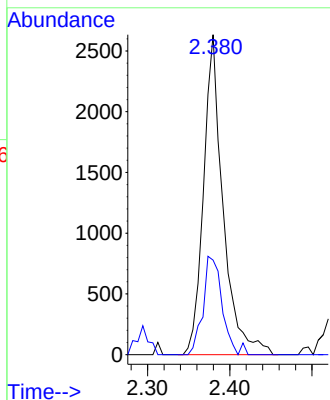
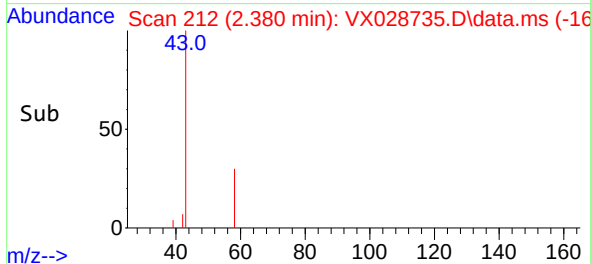
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion: 43 Resp: 4349
Ion Ratio Lower Upper
43 100
58 29.5 28.8 43.2

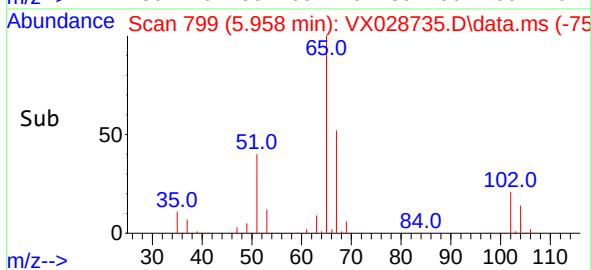
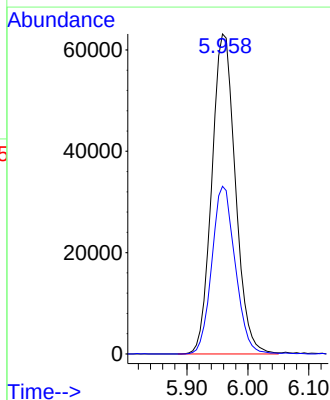
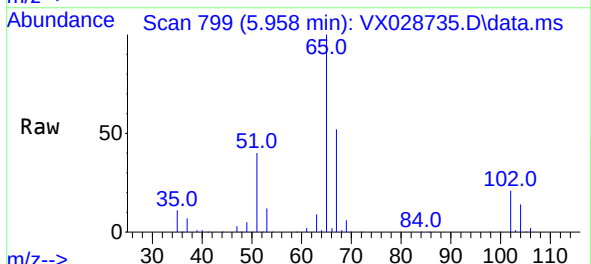
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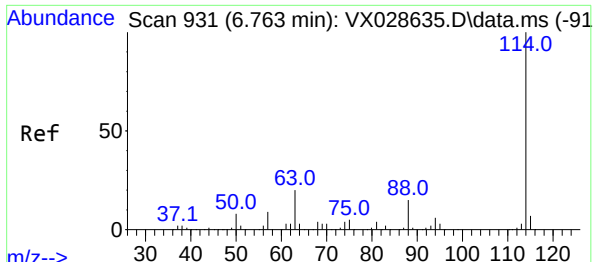
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

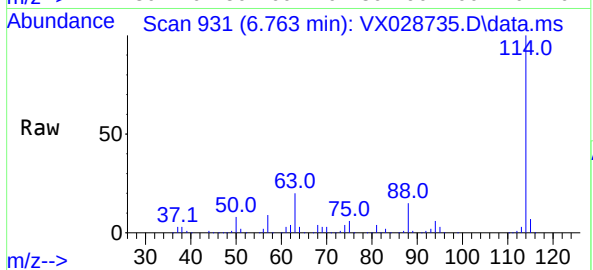
Tgt Ion: 65 Resp: 169642
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

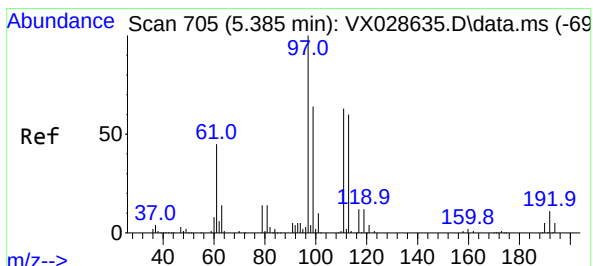
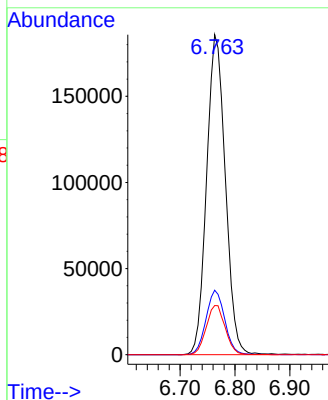
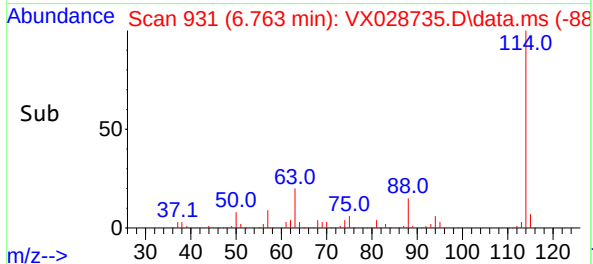
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion:114 Resp: 440040
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 15.4 0.0 32.4

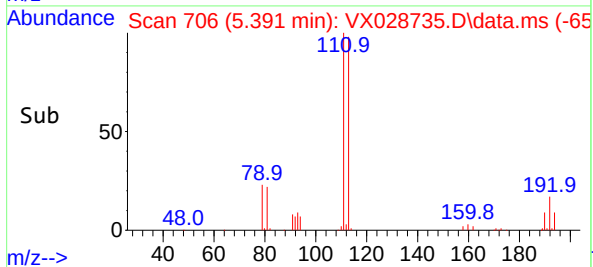
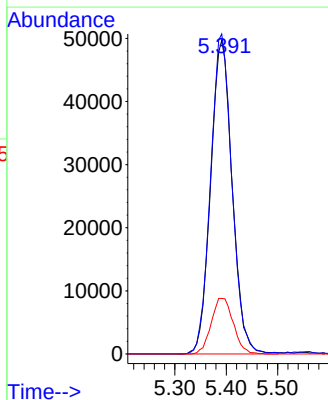
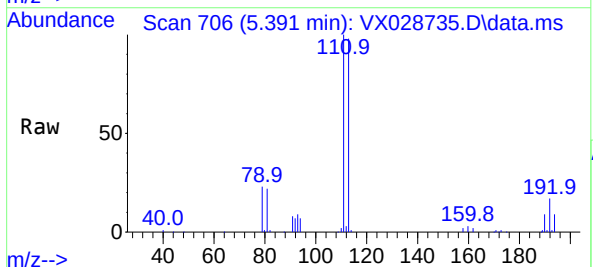
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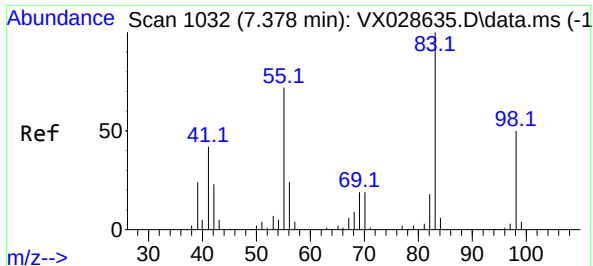
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#35
Dibromofluoromethane
Concen: 50.041 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

Tgt Ion:113 Resp: 144274
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 18.2 16.9 25.3





#39

Methylcyclohexane

Concen: 1.898 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028735.D

Acq: 16 May 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

MW-9RR

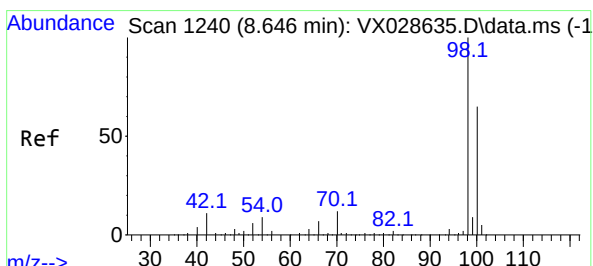
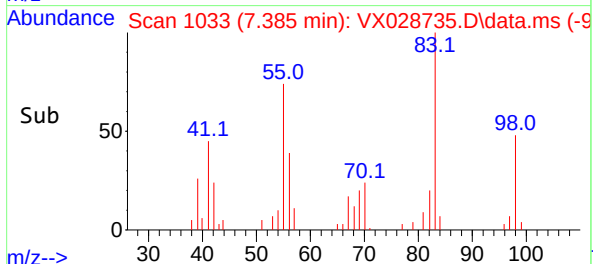
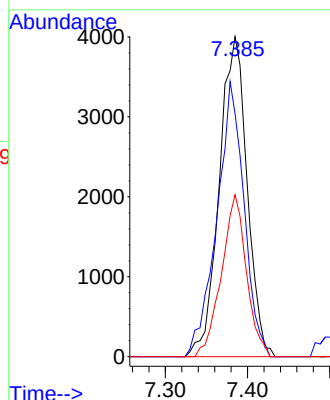
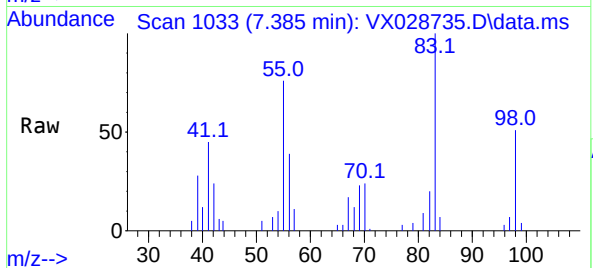
Tgt Ion: 83	Resp: 9424
Ion Ratio	Lower Upper
83 100	
55 75.9	54.6 81.8
98 50.6	37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#50

Toluene-d8

Concen: 49.670 ug/l

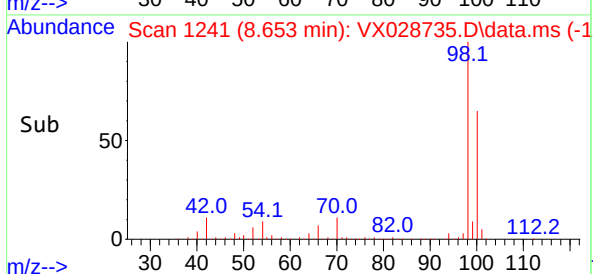
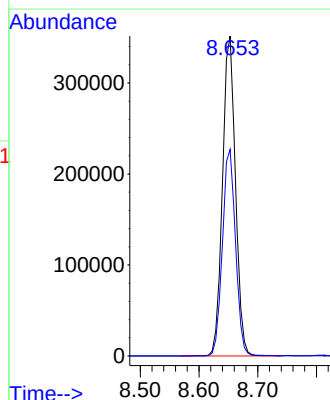
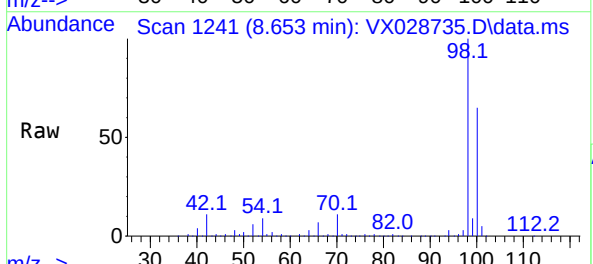
RT: 8.653 min Scan# 1241

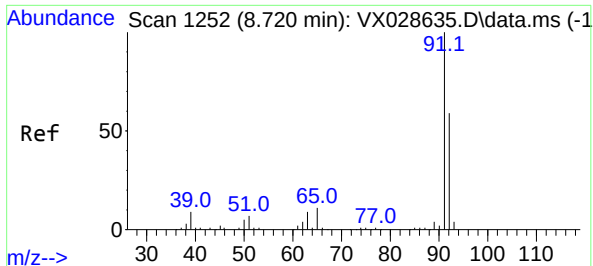
Delta R.T. 0.007 min

Lab File: VX028735.D

Acq: 16 May 2022 16:42

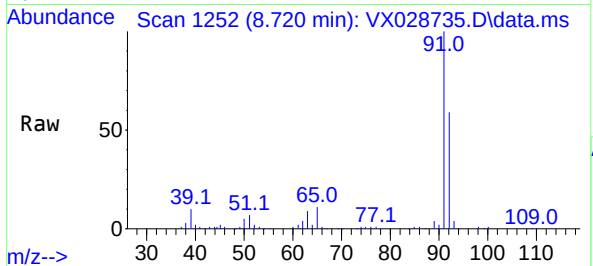
Tgt Ion: 98	Resp: 539908
Ion Ratio	Lower Upper
98 100	
100 65.1	52.6 78.8





#52
Toluene
Concen: 3.986 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

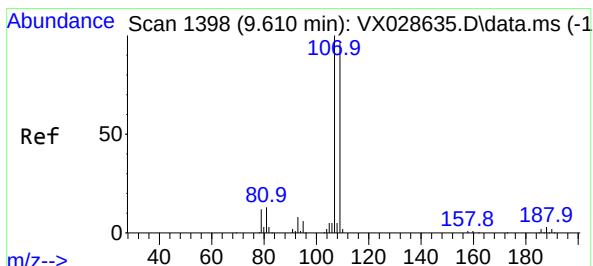
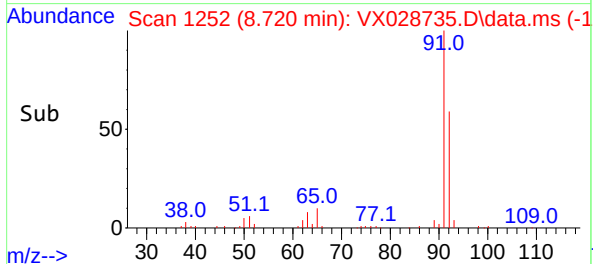
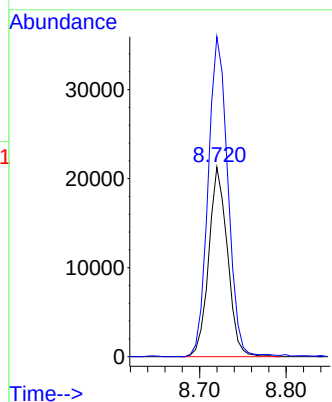
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion: 92 Resp: 3191
Ion Ratio Lower Upper
92 100
91 178.6 137.5 206.3

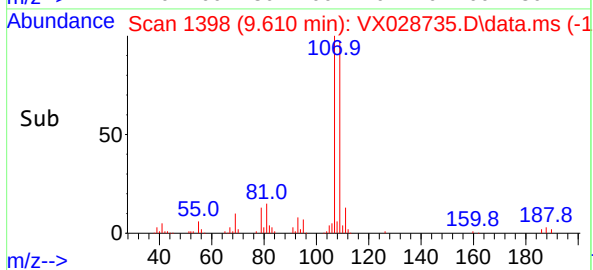
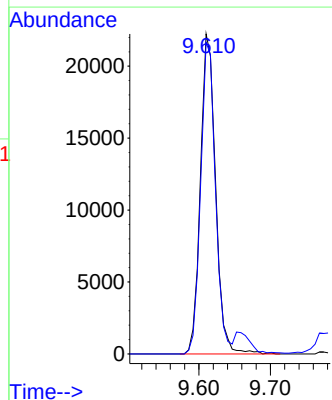
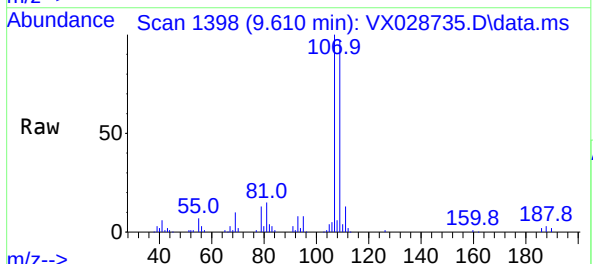
Manual Integrations
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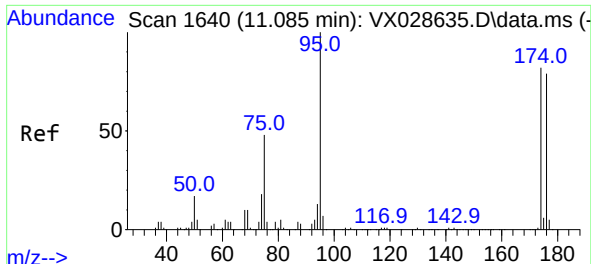
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#61
1,2-Dibromoethane
Concen: 9.556 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

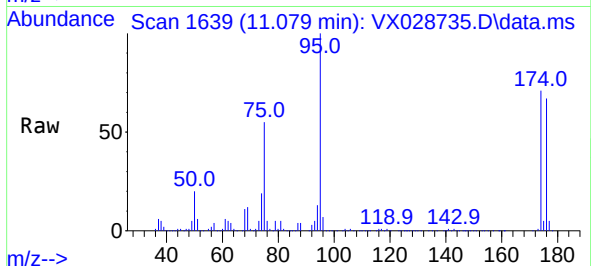
Tgt Ion:107 Resp: 32767
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6





#62
4-Bromofluorobenzene
Concen: 52.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

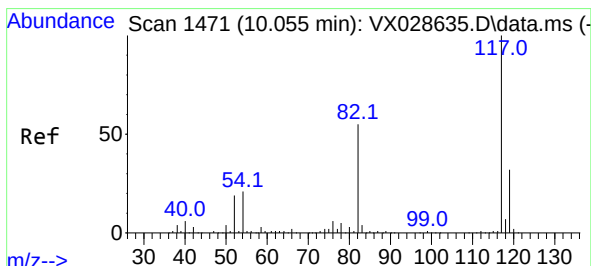
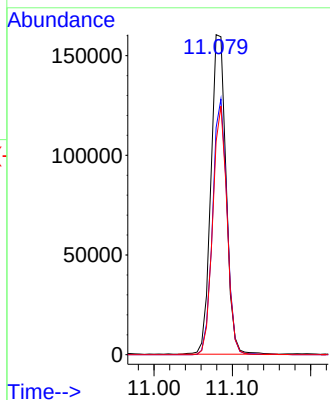
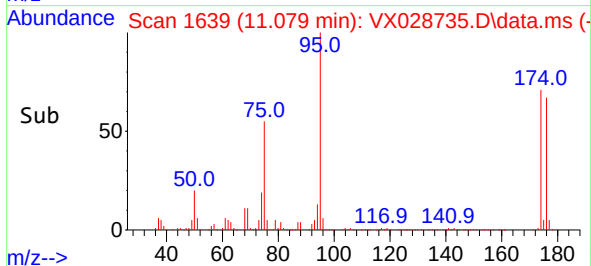
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MW-9RR



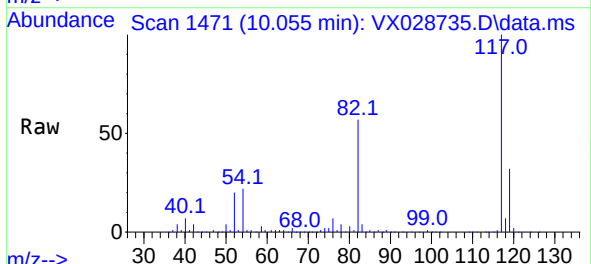
Tgt Ion: 95 Resp: 21486
Ion Ratio Lower Upper
95 100
174 76.1 0.0 163.0
176 73.3 0.0 155.0

Manual Integrations
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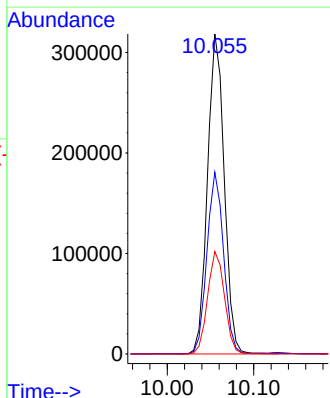
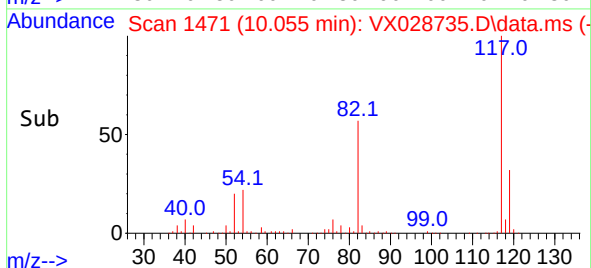
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

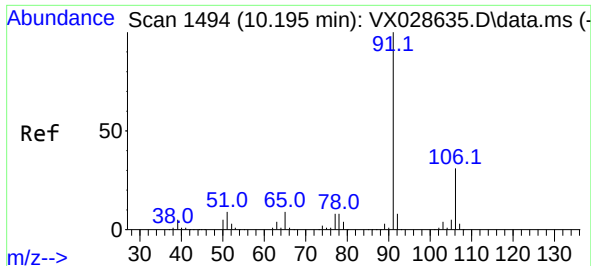


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42



Tgt Ion:117 Resp: 427591
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.0 24.8 37.2





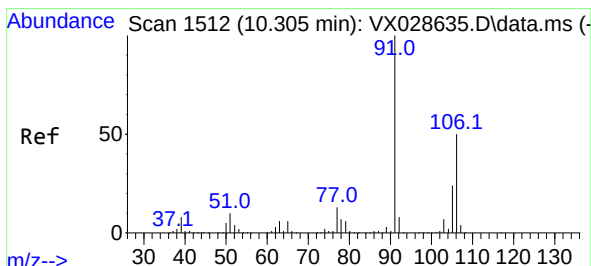
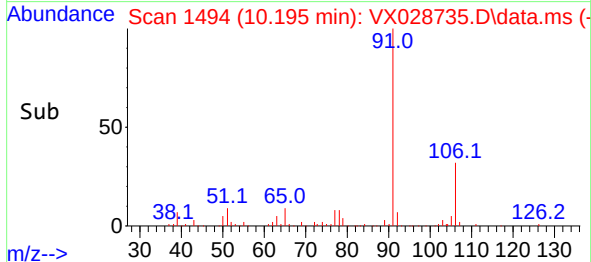
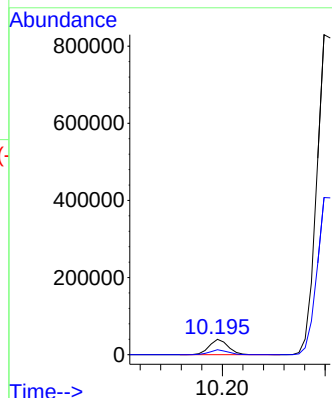
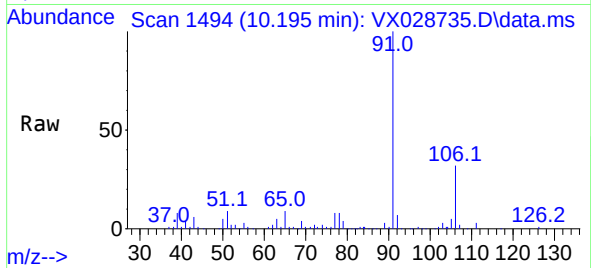
#67
Ethyl Benzene
Concen: 3.153 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-9RR

Tgt Ion: 91 Resp: 5125
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

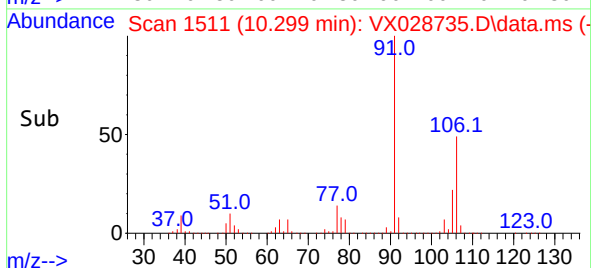
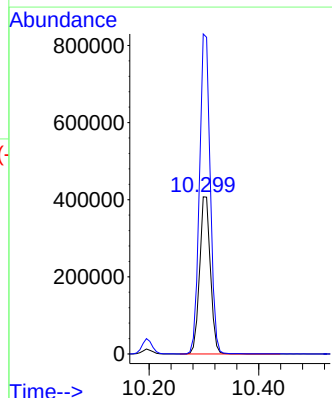
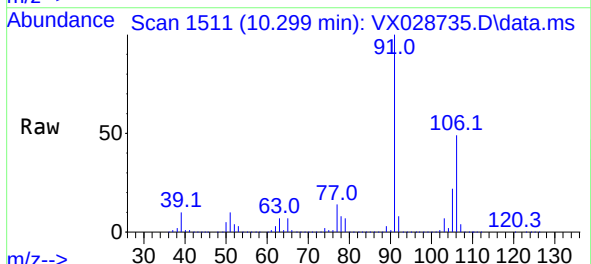
Manual Integrations
APPROVED

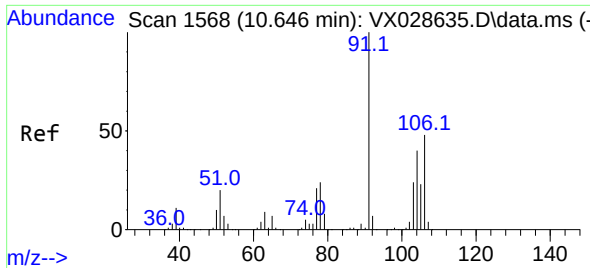
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
m/p-Xylenes
Concen: 88.034 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

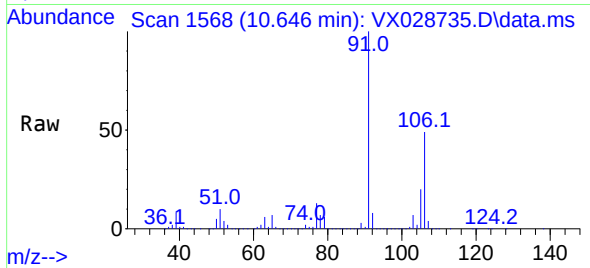
Tgt Ion:106 Resp: 557263
Ion Ratio Lower Upper
106 100
91 203.8 160.4 240.6





#69
o-Xylene
Concen: 202.572 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

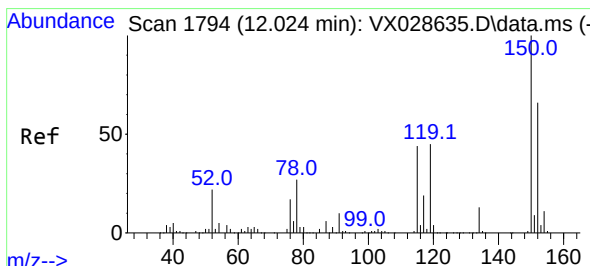
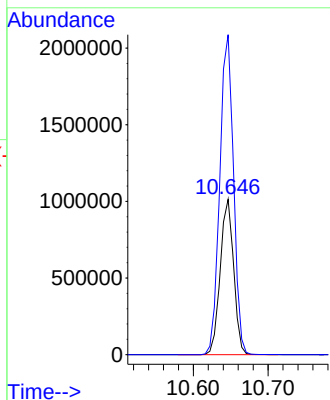
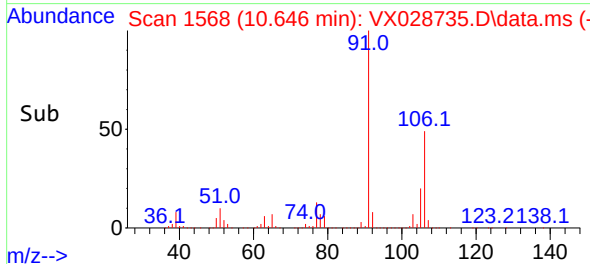
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion:106 Resp: 1262484
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.1

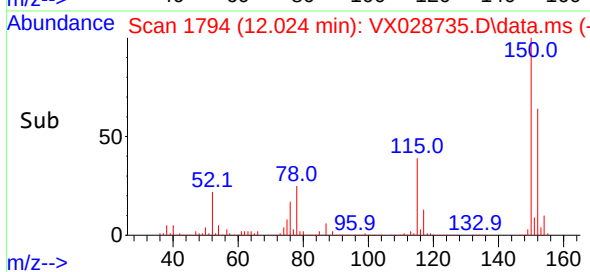
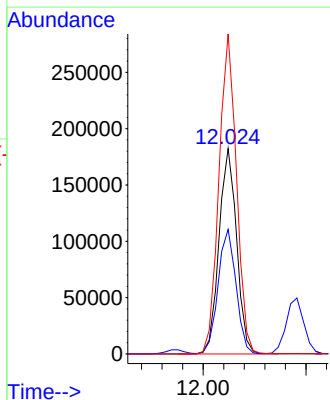
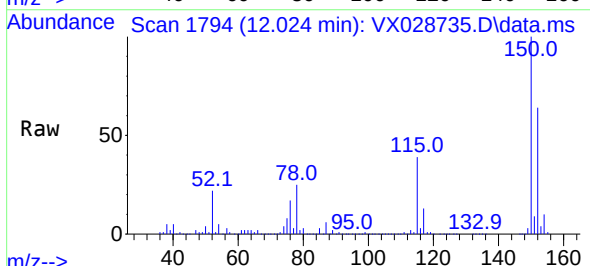
Manual Integrations
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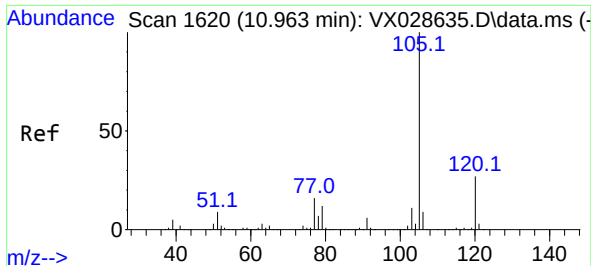
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

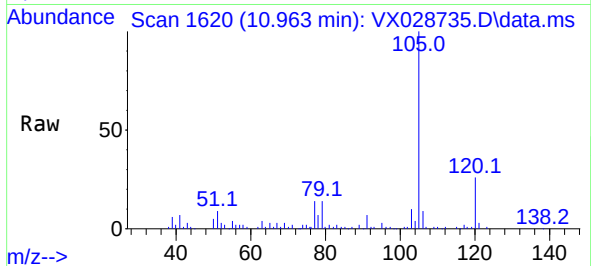
Tgt Ion:152 Resp: 216404
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 155.1 0.0 338.2





#73
Isopropylbenzene
Concen: 1.563 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

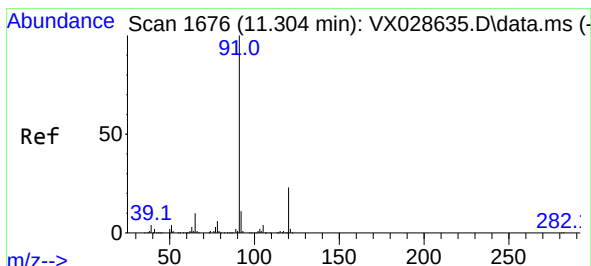
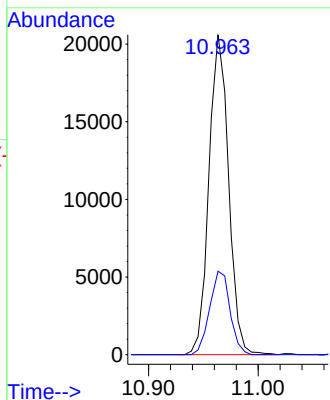
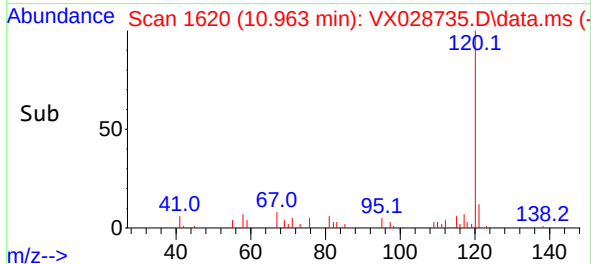
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



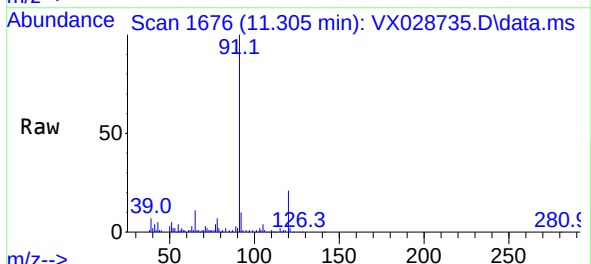
Tgt Ion:105 Resp: 2564
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5

Manual Integrations
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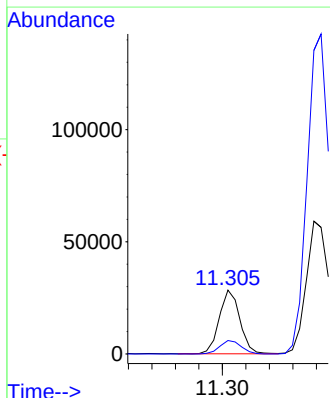
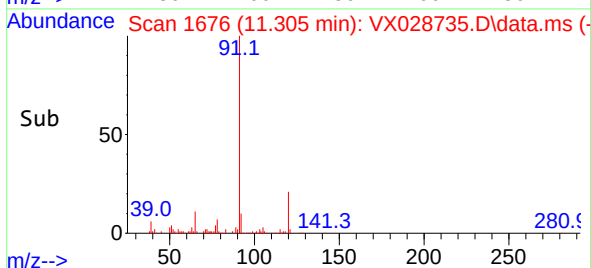
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

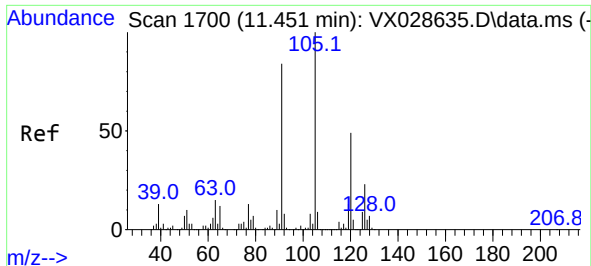


#78
n-propylbenzene
Concen: 1.823 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42



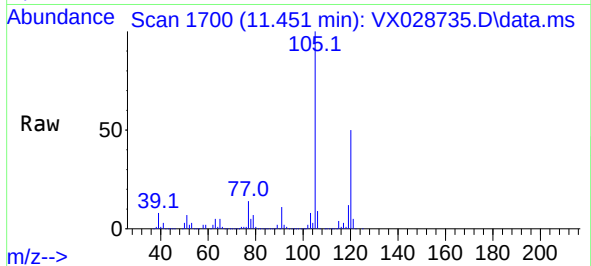
Tgt Ion: 91 Resp: 34611
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#





#80
1,3,5-Trimethylbenzene
Concen: 41.129 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

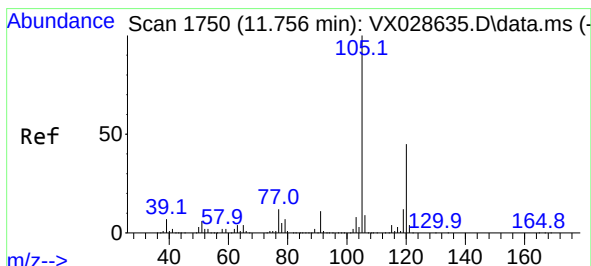
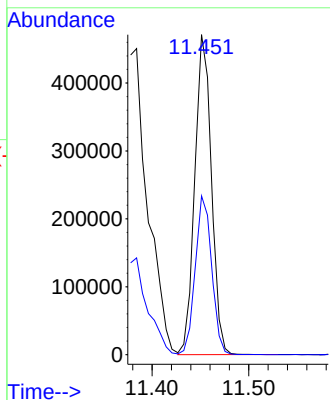
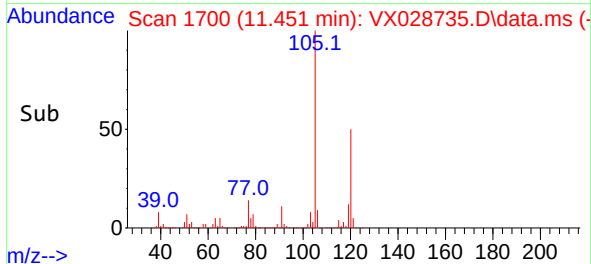
Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion:105 Resp: 562419
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9

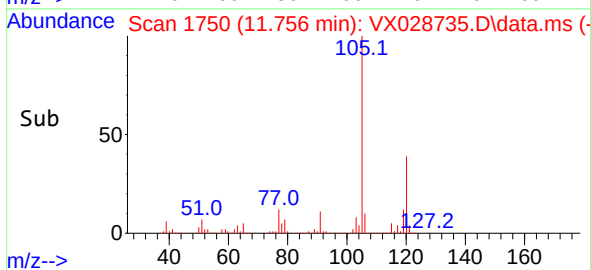
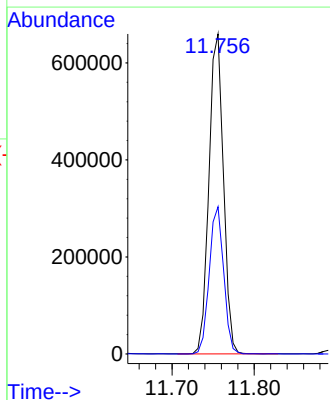
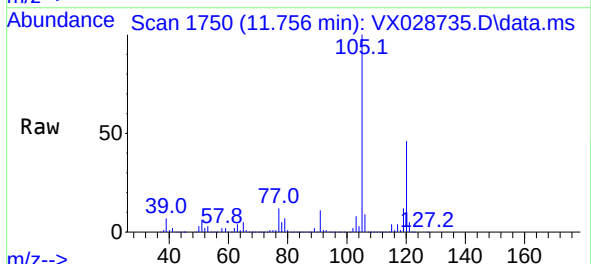
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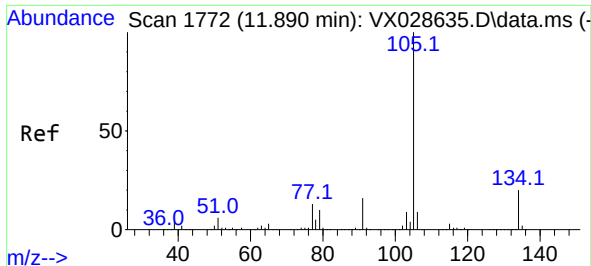
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 58.942 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

Tgt Ion:105 Resp: 808243
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8





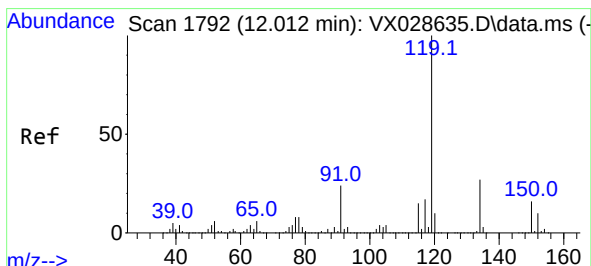
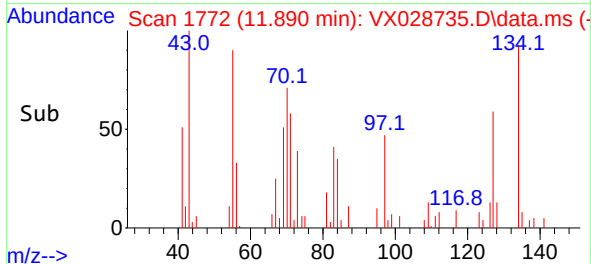
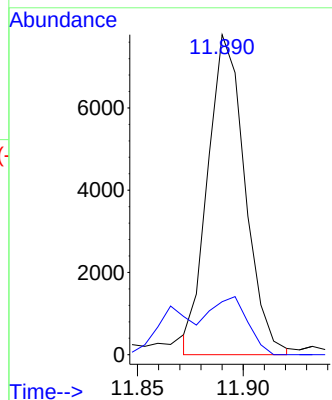
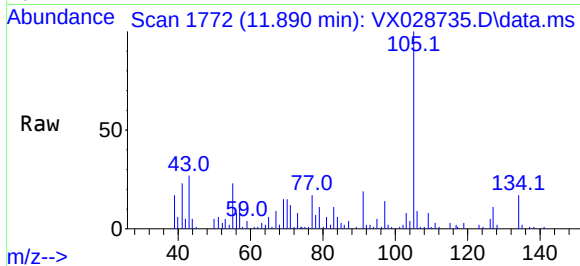
#85
 sec-Butylbenzene
 Concen: 0.584 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028735.D
 Acq: 16 May 2022 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9RR

Tgt Ion:105 Resp: 9534
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

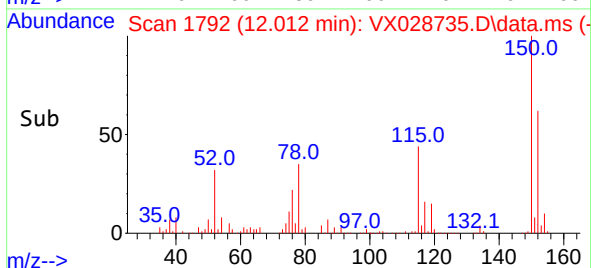
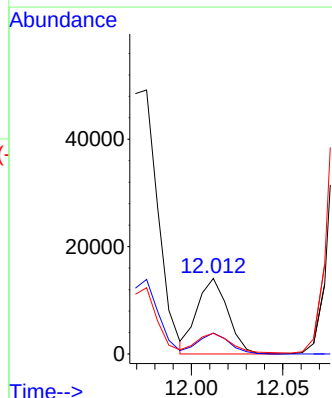
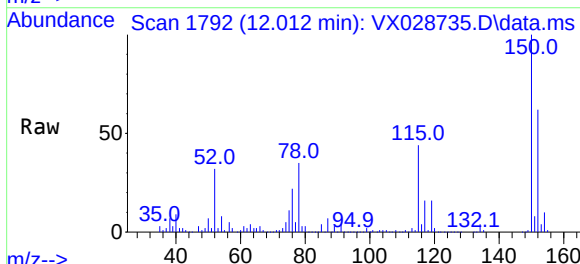
Manual Integrations
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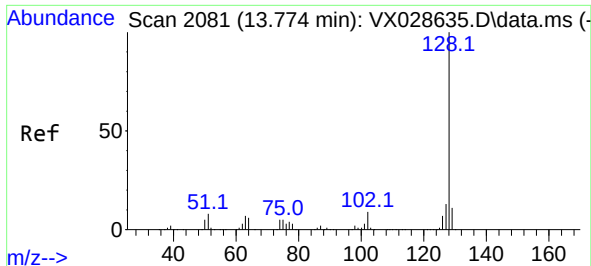
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#86
 p-Isopropyltoluene
 Concen: 1.204 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028735.D
 Acq: 16 May 2022 16:42

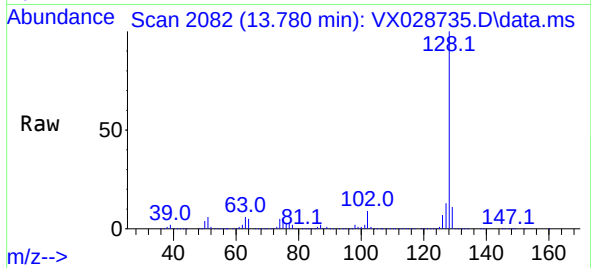
Tgt Ion:119 Resp: 16498
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 39.0
 91 28.7 11.3 33.9





#95
Naphthalene
Concen: 34.556 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028735.D
Acq: 16 May 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-9RR



Tgt Ion:128 Resp: 531394
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

