

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029775.D
 Acq On : 24 Jun 2022 15:09
 Operator : JC/MD
 Sample : N3366-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Jun 25 02:02:15 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 06/25/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	244140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	398458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136375	42.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.400%		
35) Dibromofluoromethane	5.391	113	119806	46.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.280%		
50) Toluene-d8	8.653	98	449900	47.427	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.860%		
62) 4-Bromofluorobenzene	11.085	95	168662	47.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.300%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	91759	125.689	ug/l	100
16) Acetone	2.380	43	4191	3.254	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	36837	4.290	ug/l #	48
22) Diisopropyl ether	3.763	45	4801	0.608	ug/l #	82
39) Methylcyclohexane	7.379	83	7929	1.810	ug/l #	63
40) Benzene	6.044	78	5086	0.488	ug/l	98
67) Ethyl Benzene	10.195	91	273248	22.208	ug/l	97
68) m/p-Xylenes	10.305	106	10689	2.228	ug/l	99
73) Isopropylbenzene	10.963	105	562140	49.126	ug/l	99
78) n-propylbenzene	11.305	91	131963	10.239	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	13872	1.439	ug/l	96
83) tert-Butylbenzene	11.713	119	10007	1.065	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	7809	0.812	ug/l	96
85) sec-Butylbenzene	11.890	105	23515	2.019	ug/l	100
86) p-Isopropyltoluene	12.012	119	3976m	0.408	ug/l	
89) n-Butylbenzene	12.335	91	24068	2.925	ug/l #	49
95) Naphthalene	13.774	128	113894	10.639	ug/l	97

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

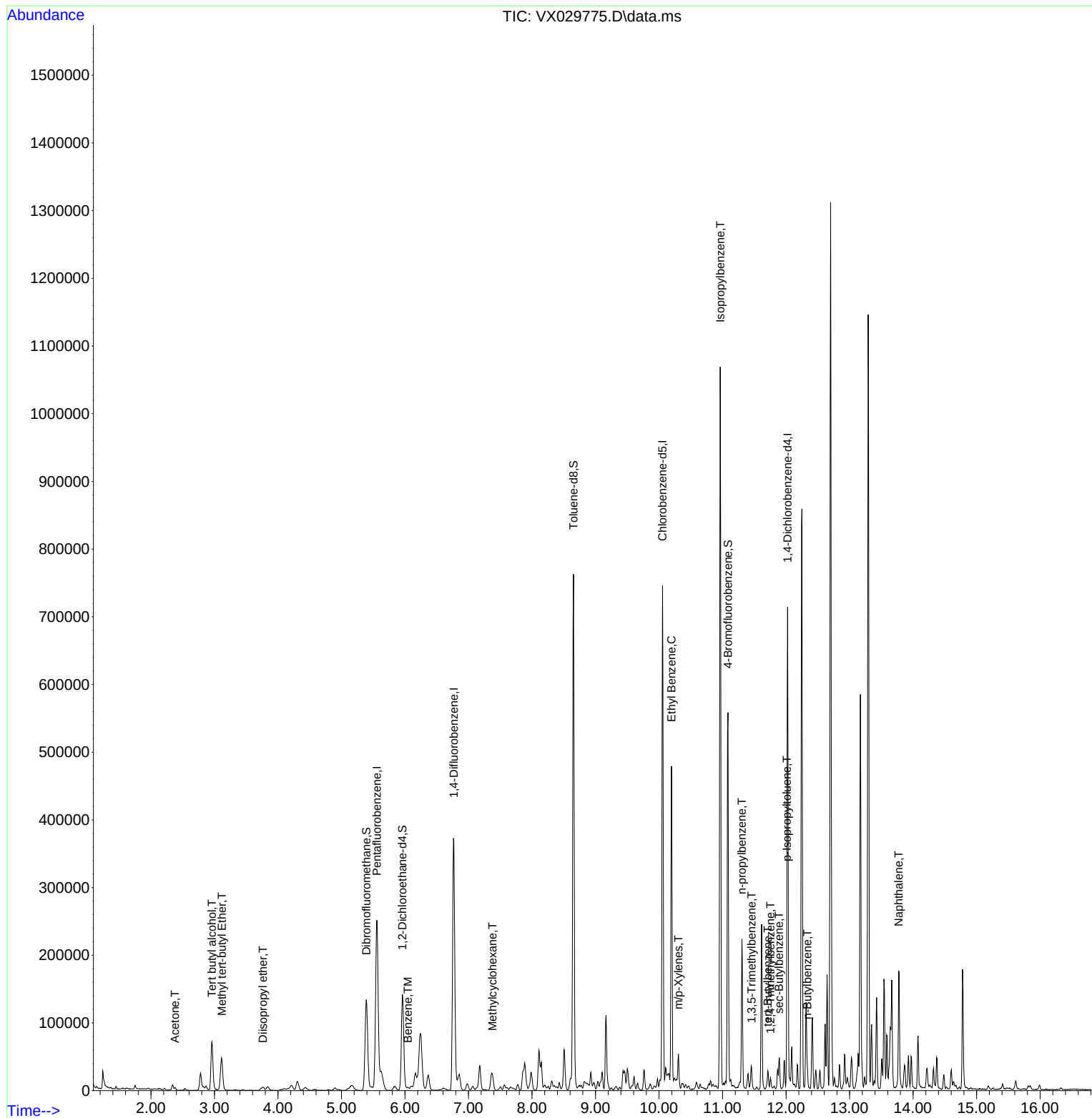
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029775.D
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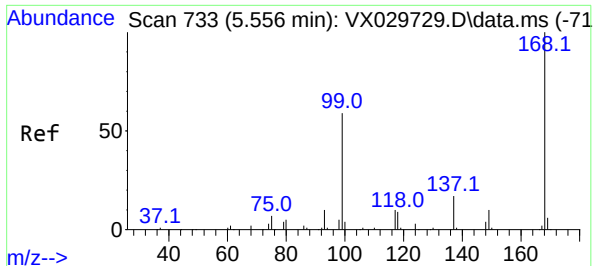
Instrument :
MSVOA_X
ClientSampleId :
MW-28

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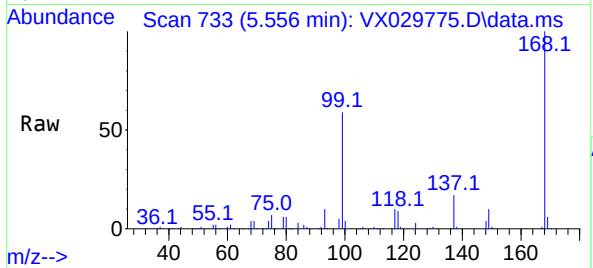
Quant Time: Jun 25 02:02:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

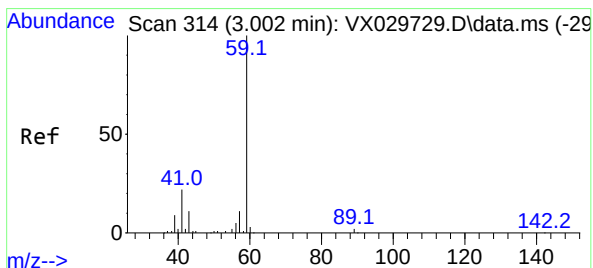
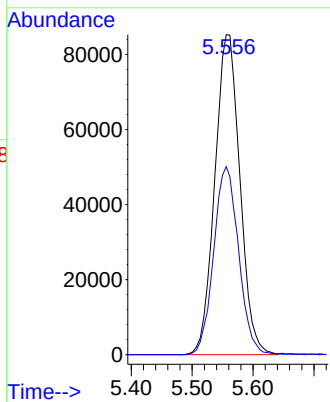
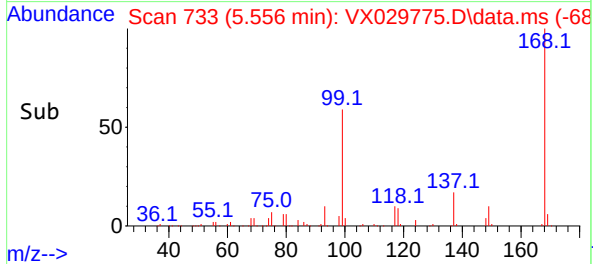
Instrument :
MSVOA_X
ClientSampleId :
MW-28



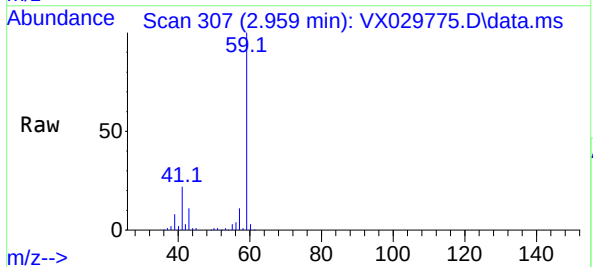
Tgt Ion:168 Resp: 244140
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5

Manual Integrations
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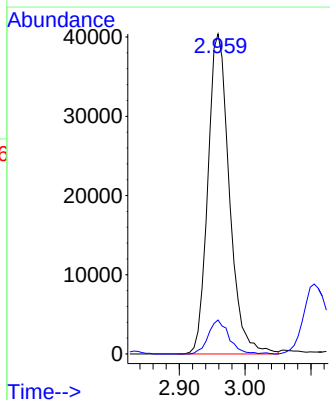
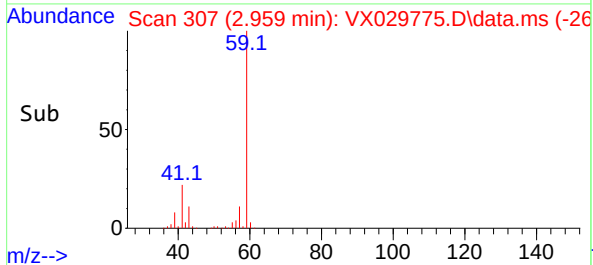
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

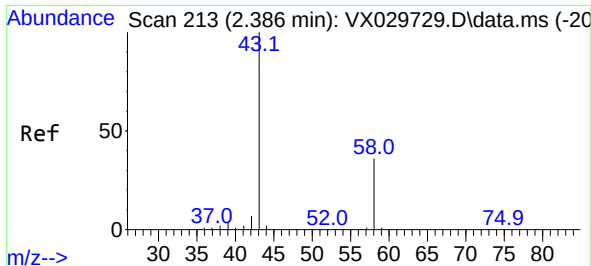


#11
Tert butyl alcohol
Concen: 125.689 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



Tgt Ion: 59 Resp: 91759
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5





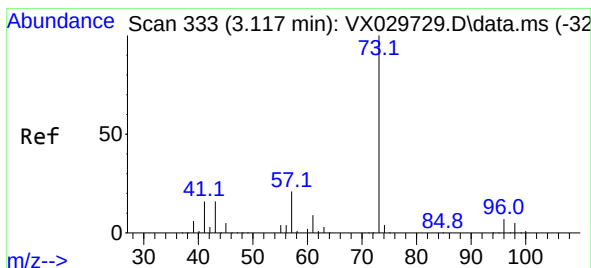
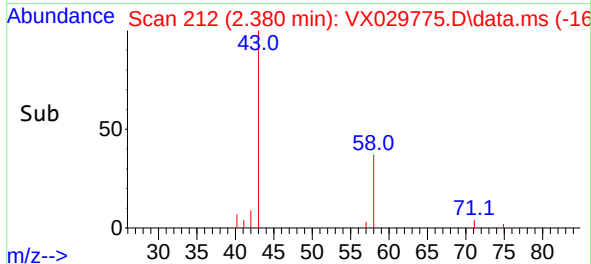
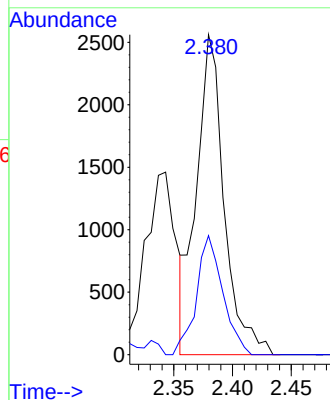
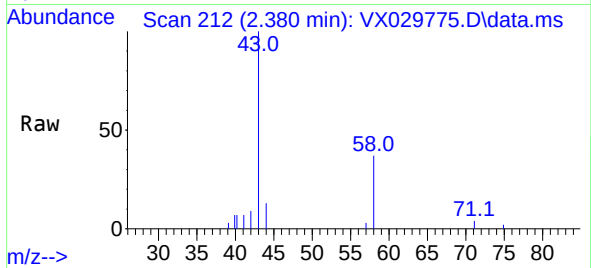
#16
Acetone
Concen: 3.254 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2

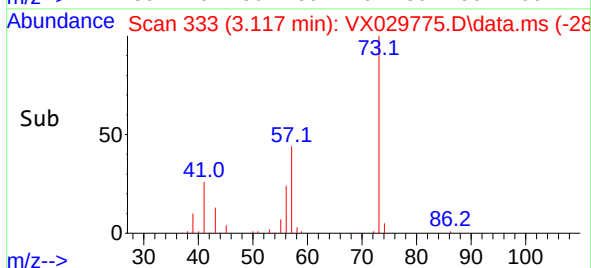
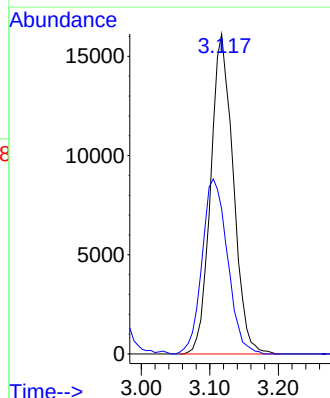
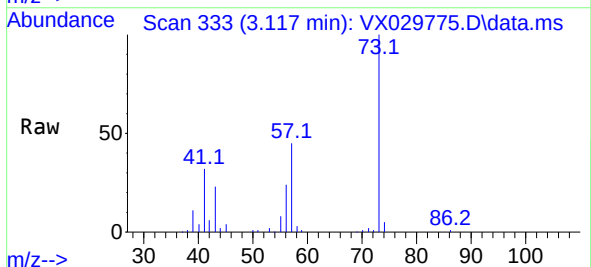
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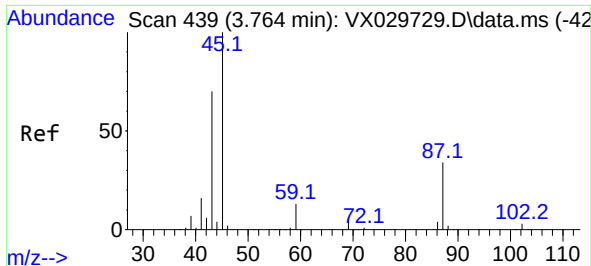
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#19
Methyl tert-butyl Ether
Concen: 4.290 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

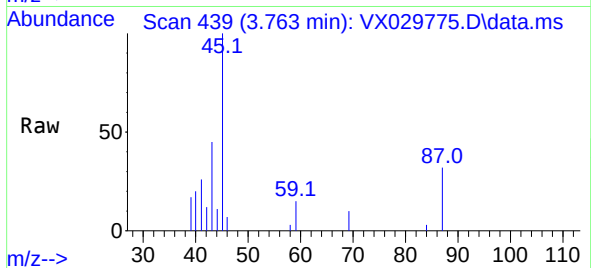
Tgt Ion: 73 Resp: 36837
Ion Ratio Lower Upper
73 100
57 45.4 16.8 25.2#





#22
Diisopropyl ether
Concen: 0.608 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-28

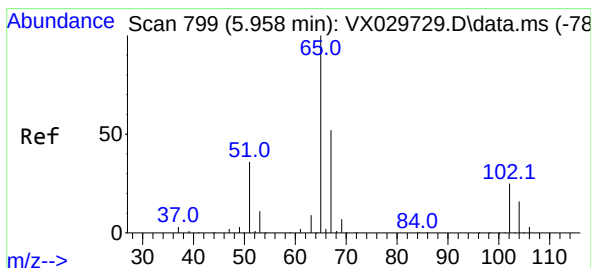
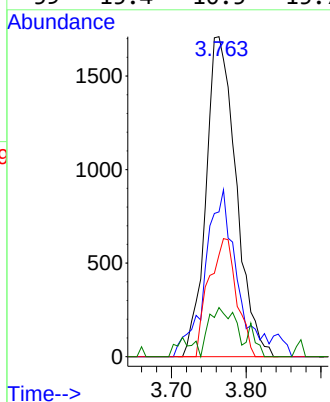
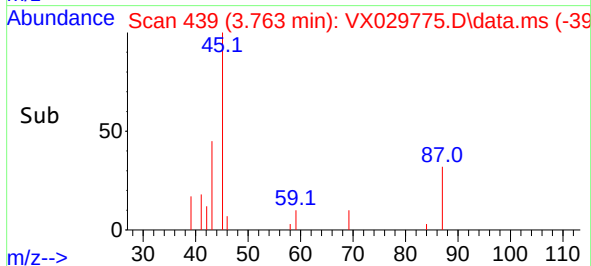


Tgt Ion: 45 Resp: 480

Ion	Ratio	Lower	Upper
45	100		
43	41.5	50.8	76.2
87	31.8	26.6	39.8
59	15.4	10.5	15.7

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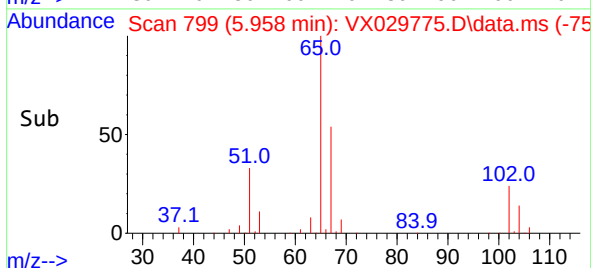
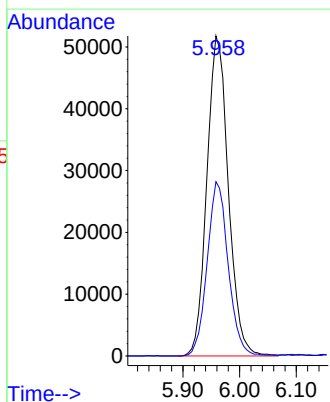
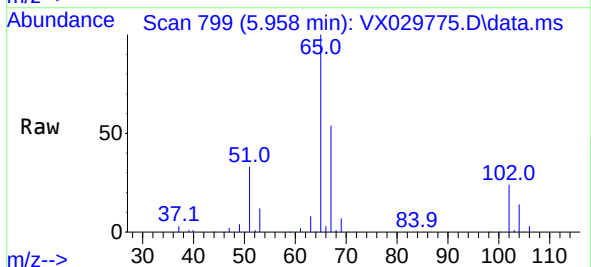
Reviewed By :John Carlone 06/25/2022
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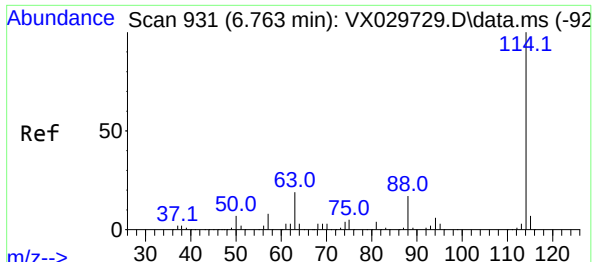


#33
1,2-Dichloroethane-d4
Concen: 42.199 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Tgt Ion: 65 Resp: 136375

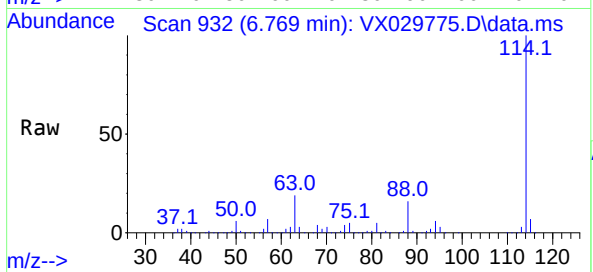
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

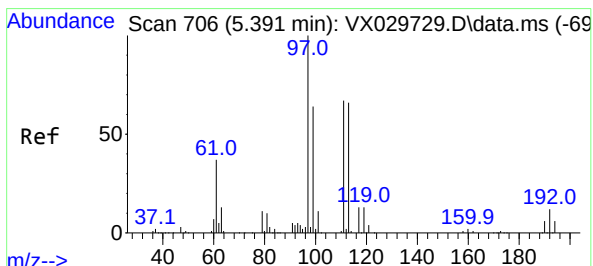
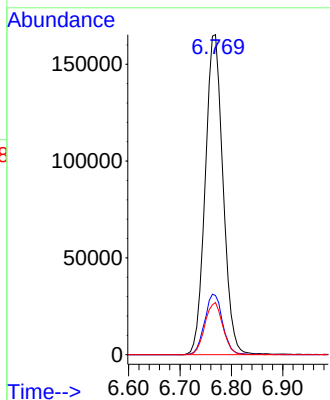
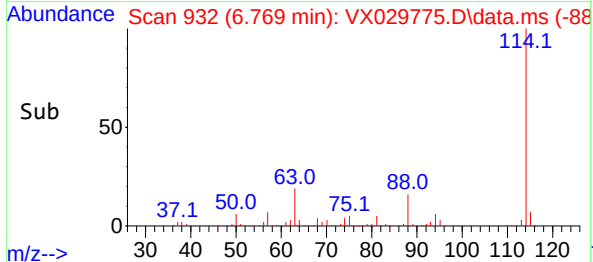
Instrument :
MSVOA_X
ClientSampleId :
MW-28



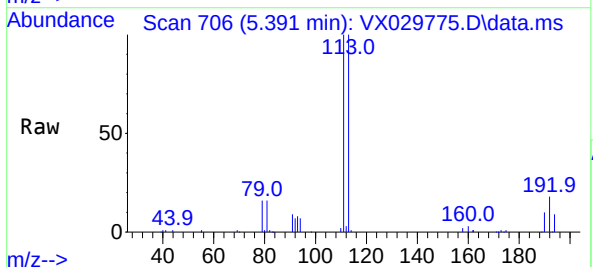
Tgt Ion:114 Resp: 398458
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.3 0.0 32.4

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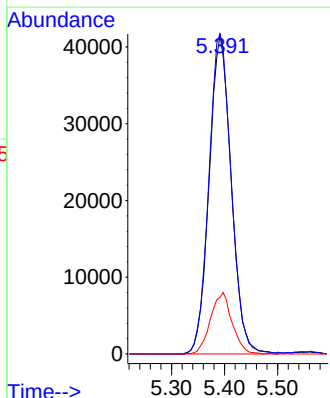
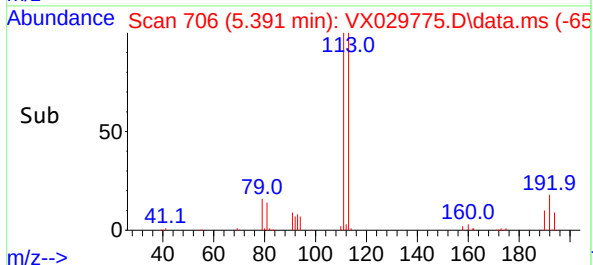
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

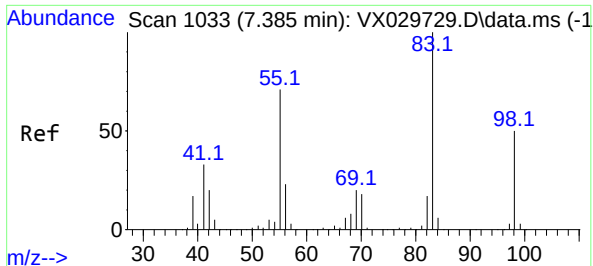


#35
Dibromofluoromethane
Concen: 46.138 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



Tgt Ion:113 Resp: 119806
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.8 16.9 25.3





#39

Methylcyclohexane

Concen: 1.810 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX029775.D

Acq: 24 Jun 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-28

Tgt Ion: 83 Resp: 7929

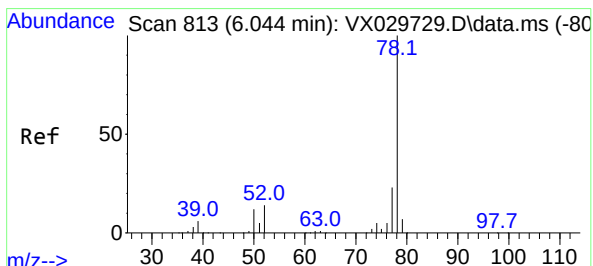
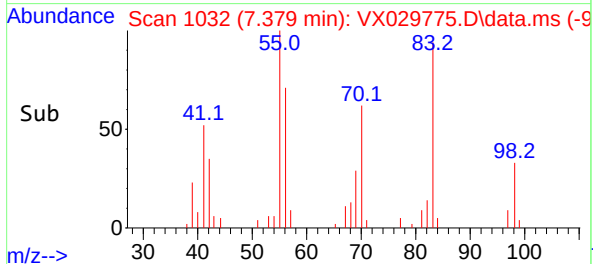
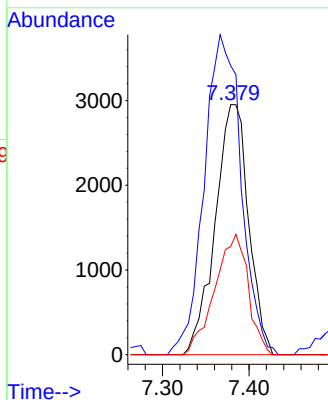
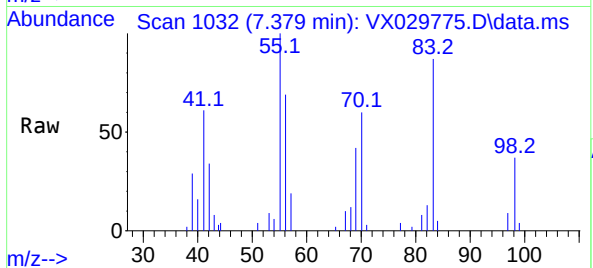
Ion	Ratio	Lower	Upper
83	100		
55	115.5	54.6	81.8
98	43.3	37.4	56.2

Manual Integrations

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#40

Benzene

Concen: 0.488 ug/l

RT: 6.044 min Scan# 813

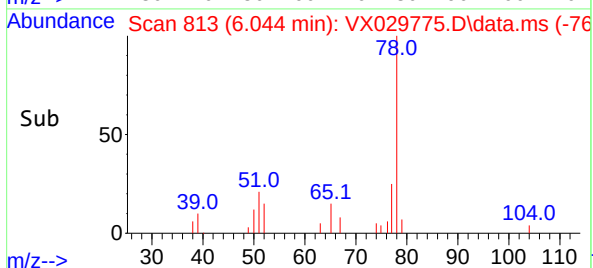
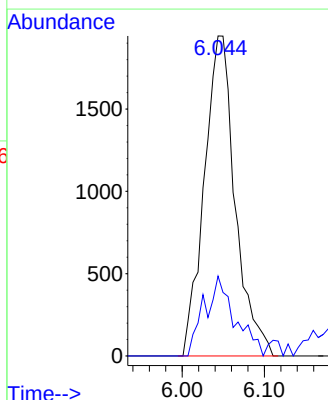
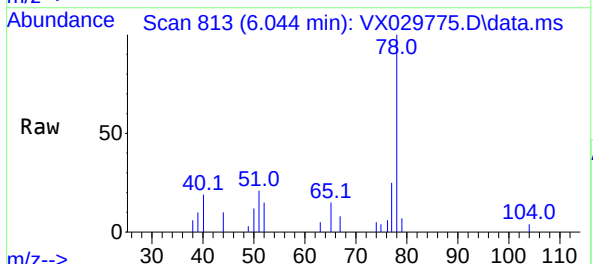
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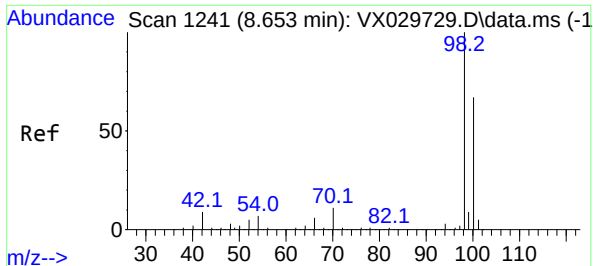
Lab File: VX029775.D

Acq: 24 Jun 2022 15:09

Tgt Ion: 78 Resp: 5086

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9





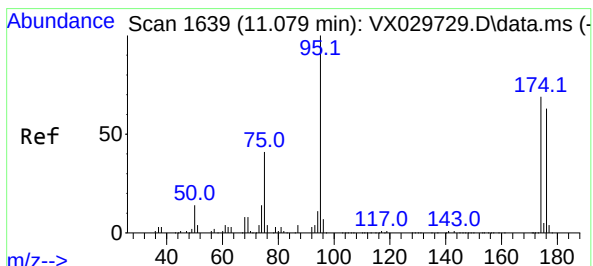
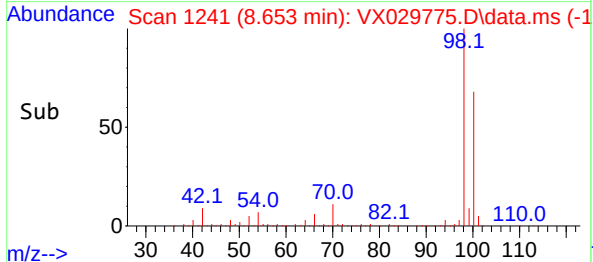
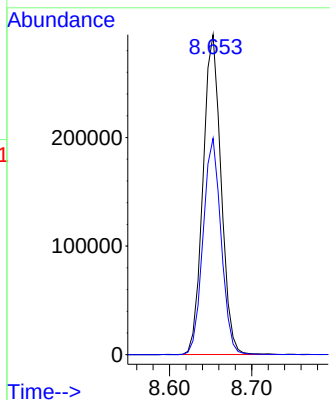
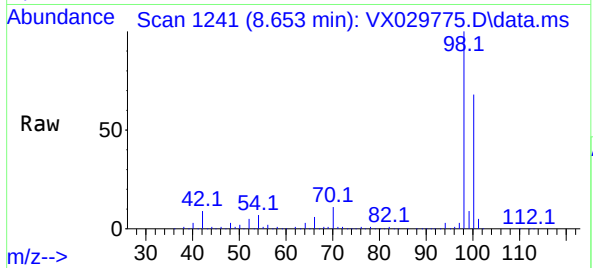
#50
Toluene-d8
Concen: 47.427 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 449900
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

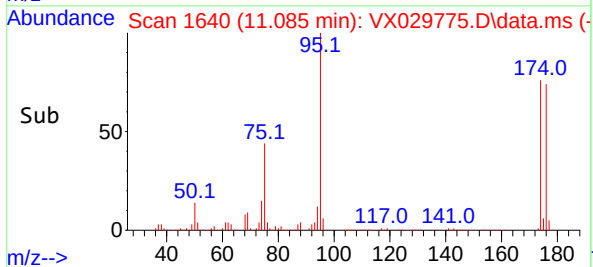
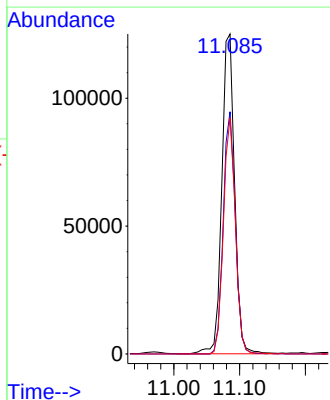
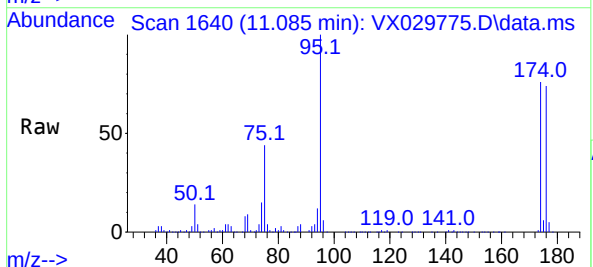
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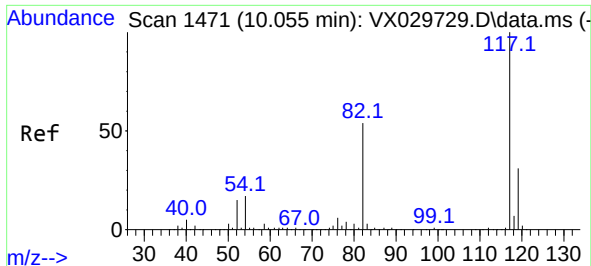
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#62
4-Bromofluorobenzene
Concen: 47.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

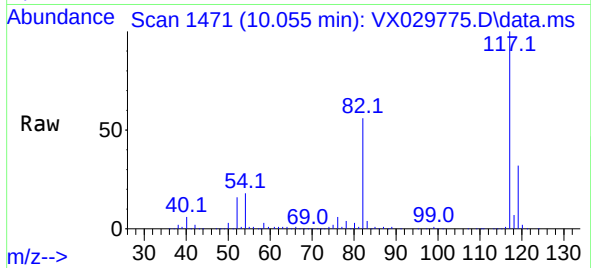
Tgt Ion: 95 Resp: 168662
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 69.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

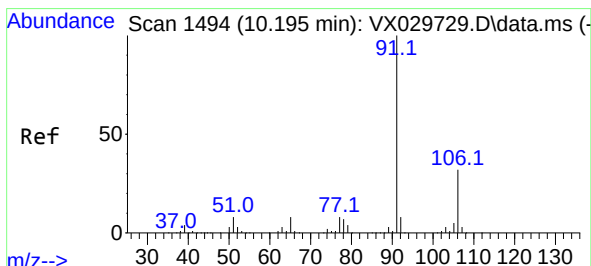
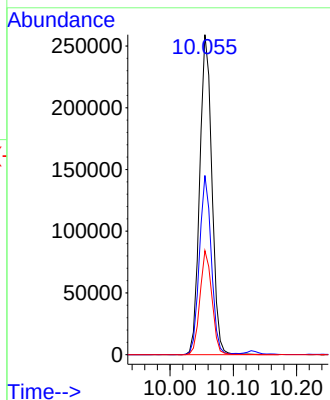
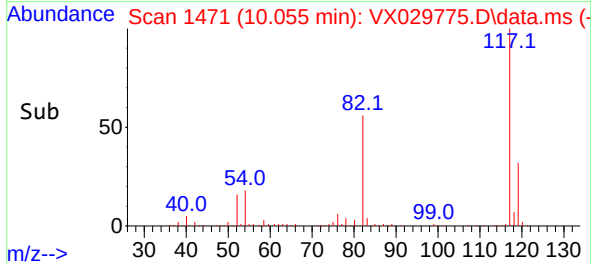
Instrument :
MSVOA_X
ClientSampleId :
MW-28



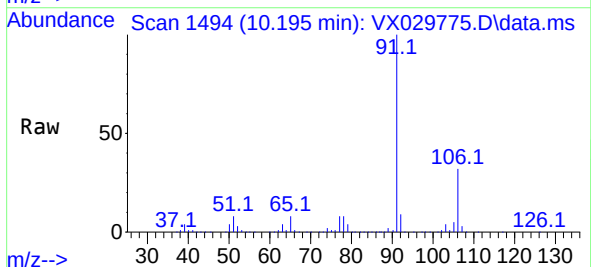
Tgt Ion:117 Resp: 348580
Ion Ratio Lower Upper
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82 56.0 41.8 62.8
119 32.5 24.8 37.2

Manual Integrations
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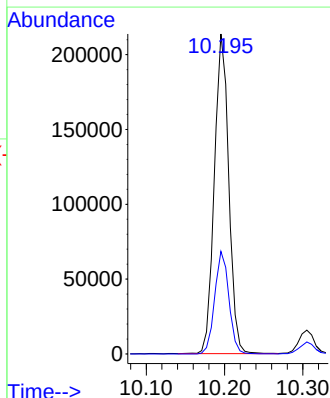
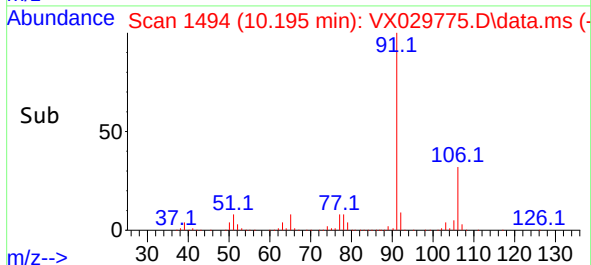
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

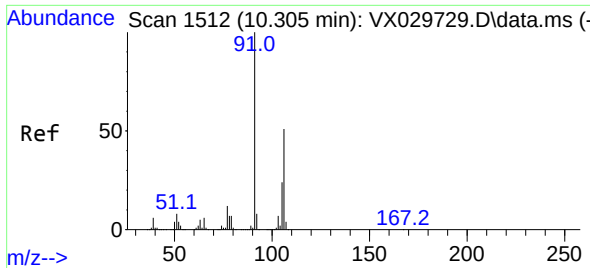


#67
Ethyl Benzene
Concen: 22.208 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



Tgt Ion: 91 Resp: 273248
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8





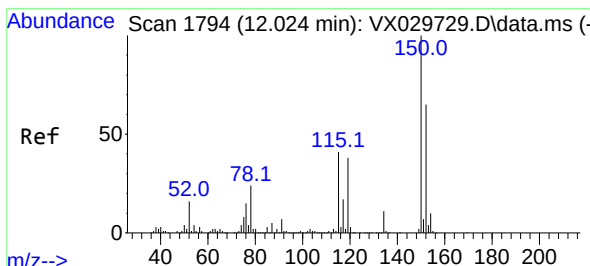
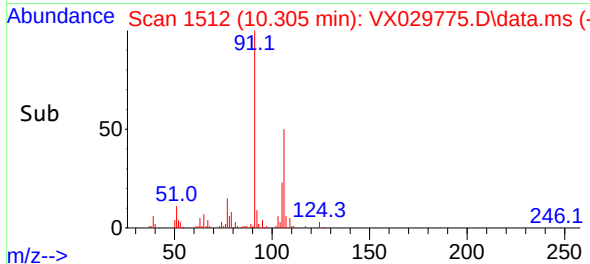
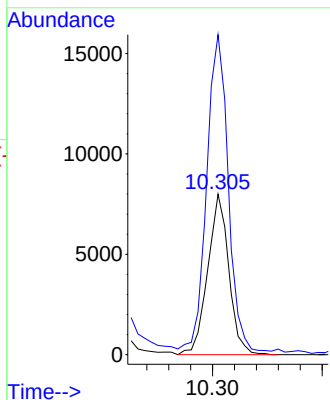
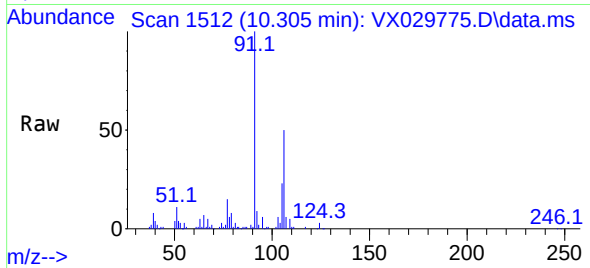
#68
m/p-Xylenes
Concen: 2.228 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion:106 Resp: 10689
Ion Ratio Lower Upper
106 100
91 199.7 160.4 240.6

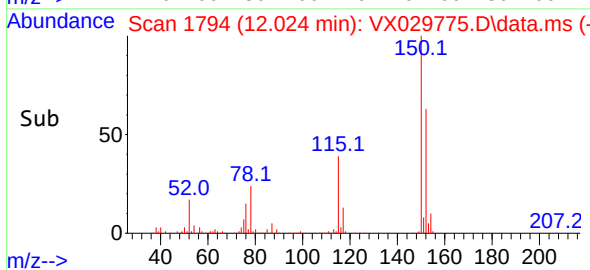
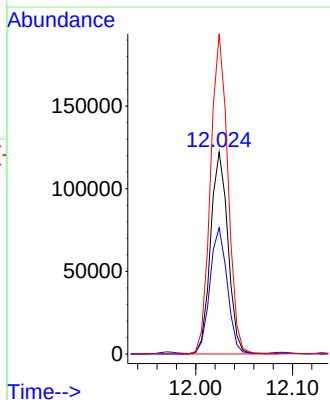
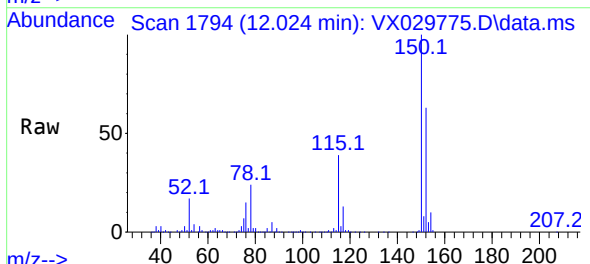
Manual Integrations
APPROVED

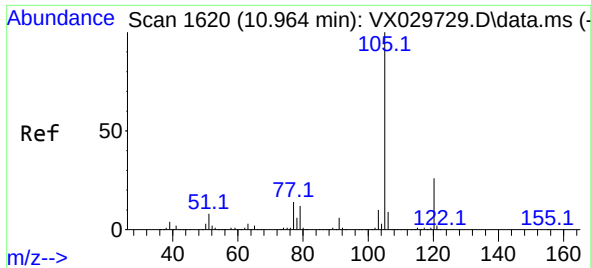
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

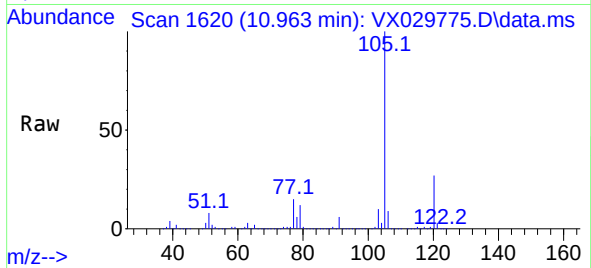
Tgt Ion:152 Resp: 152614
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.8 0.0 338.2





#73
Isopropylbenzene
Concen: 49.126 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

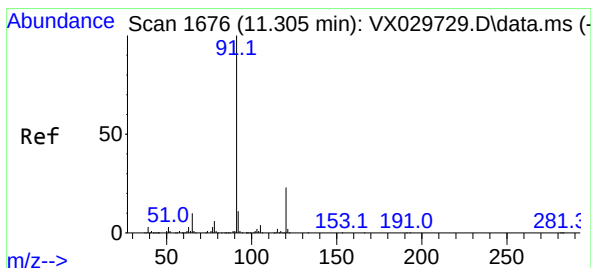
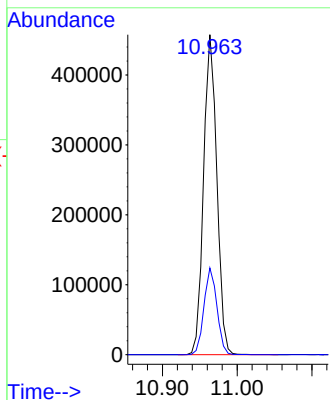
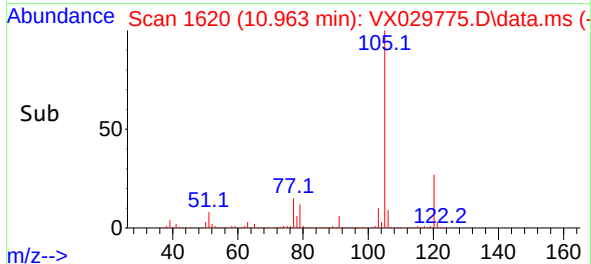
Instrument :
MSVOA_X
ClientSampleId :
MW-28



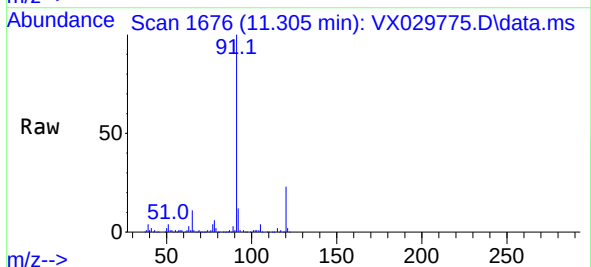
Tgt Ion:105 Resp: 562140
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

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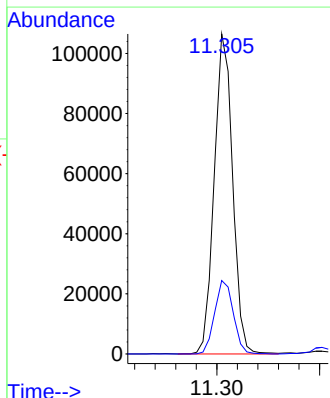
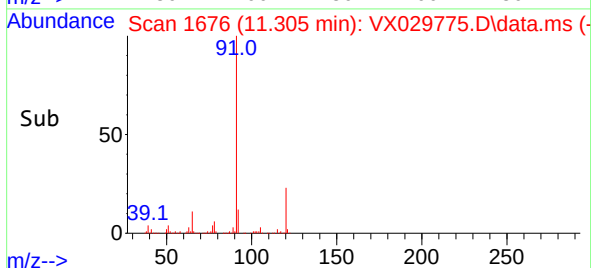
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

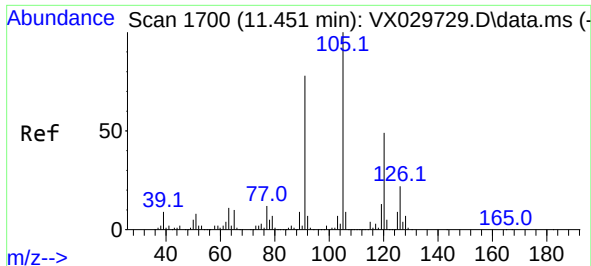


#78
n-propylbenzene
Concen: 10.239 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



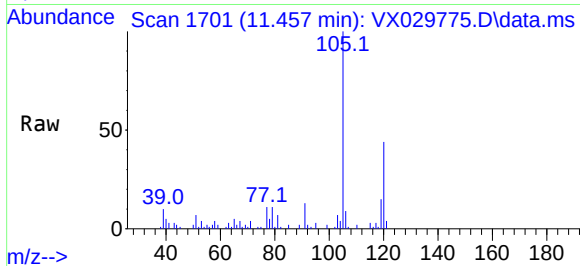
Tgt Ion: 91 Resp: 131963
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 1.439 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

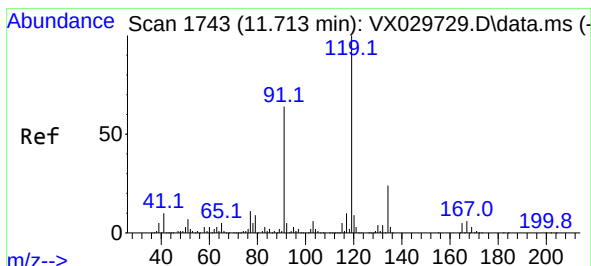
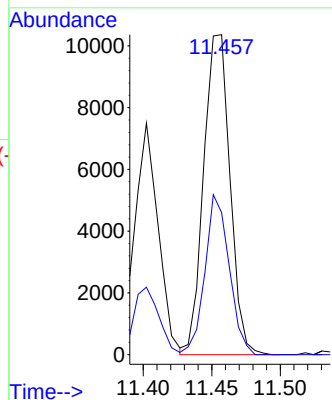
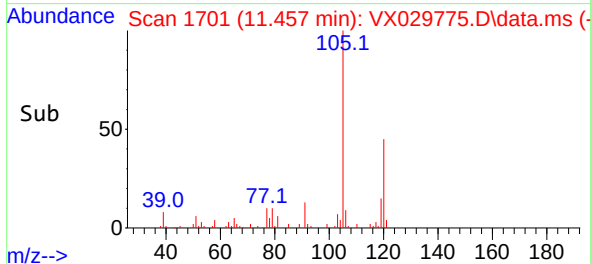
Instrument :
MSVOA_X
ClientSampleId :
MW-28



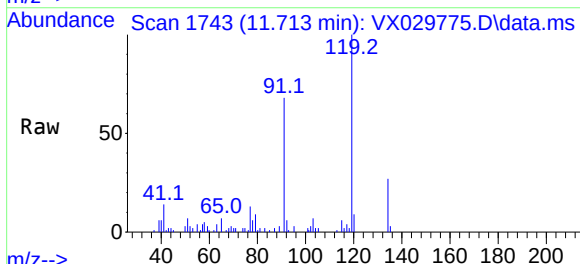
Tgt Ion:105 Resp: 13872
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

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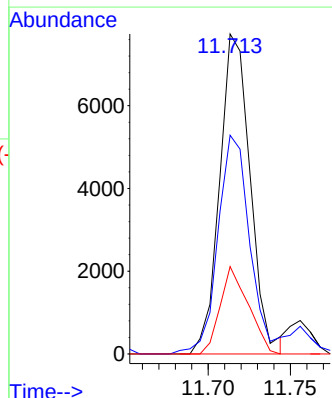
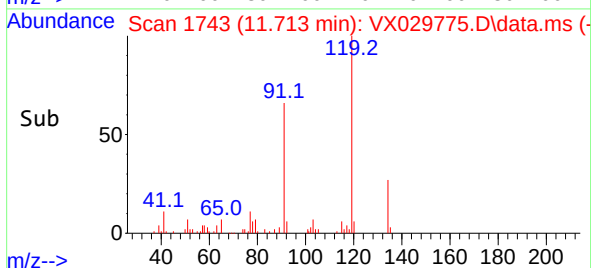
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

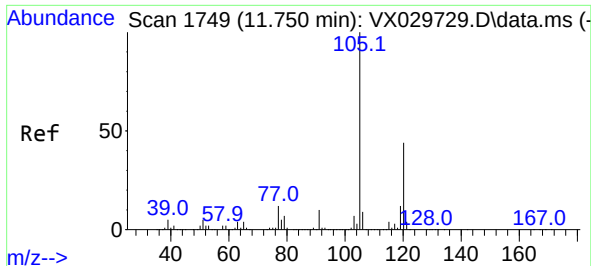


#83
tert-Butylbenzene
Concen: 1.065 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



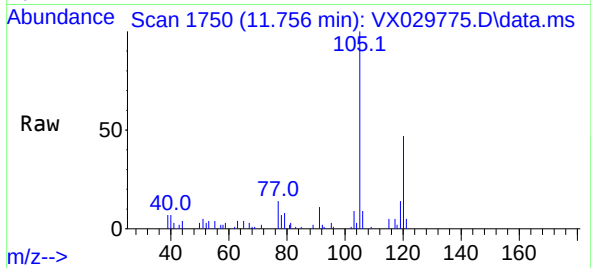
Tgt Ion:119 Resp: 10007
Ion Ratio Lower Upper
119 100
91 71.5 26.9 80.6
134 25.2 11.4 34.2





#84
1,2,4-Trimethylbenzene
Concen: 0.812 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

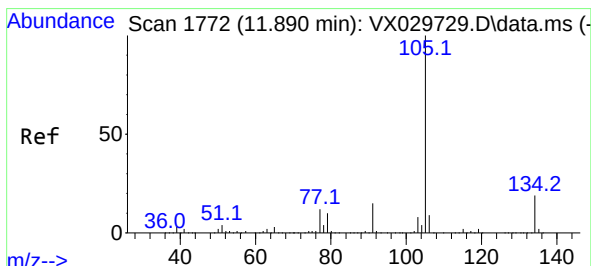
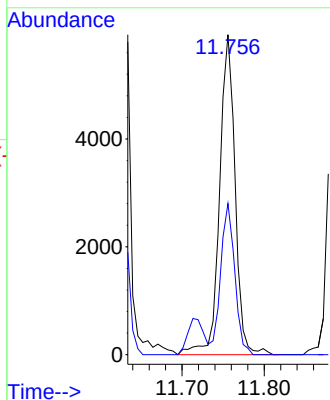
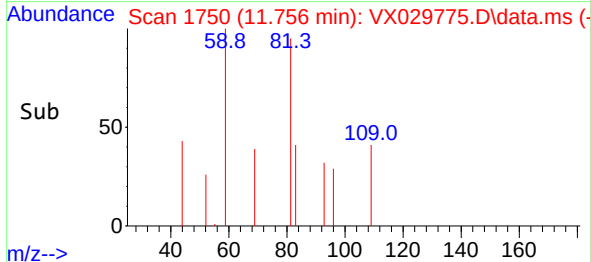
Instrument :
MSVOA_X
ClientSampleId :
MW-28



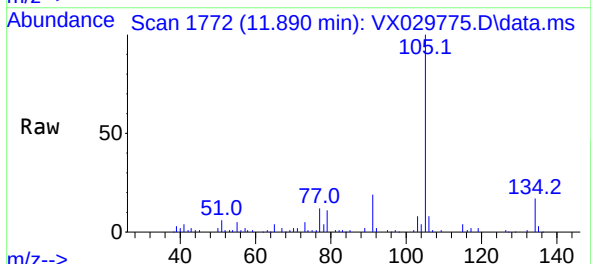
Tgt Ion:105 Resp: 7809
Ion Ratio Lower Upper
105 100
120 42.9 22.6 67.8

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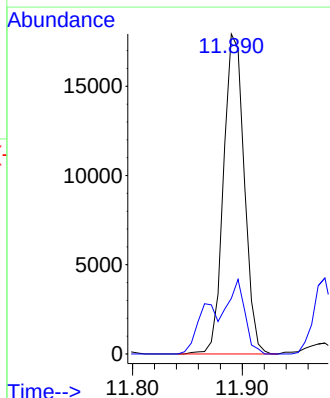
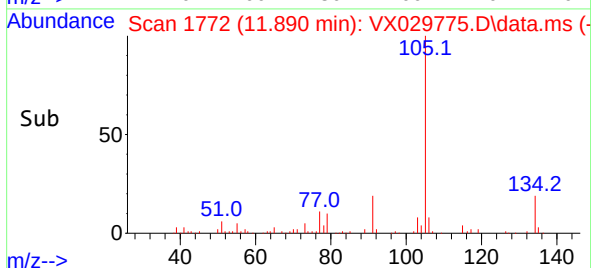
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

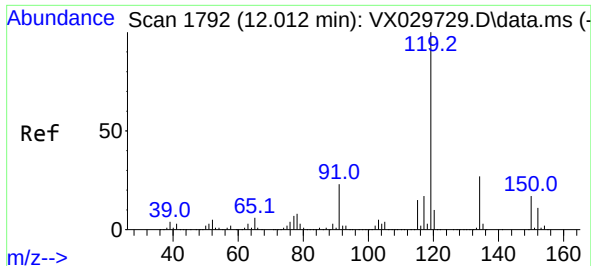


#85
sec-Butylbenzene
Concen: 2.019 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



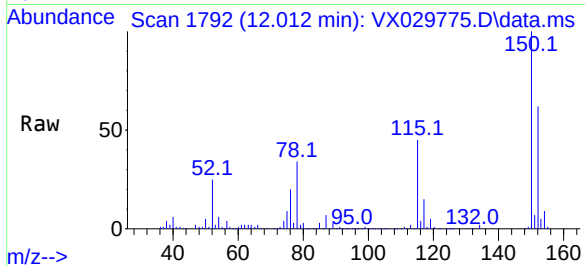
Tgt Ion:105 Resp: 23515
Ion Ratio Lower Upper
105 100
134 20.2 10.2 30.4





#86
p-Isopropyltoluene
Concen: 0.408 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

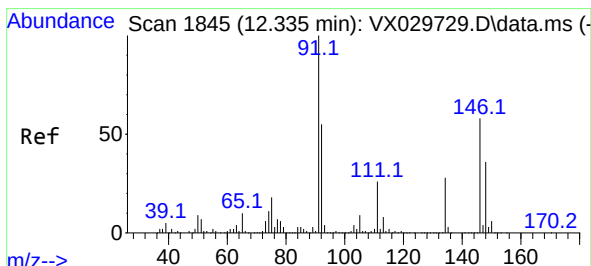
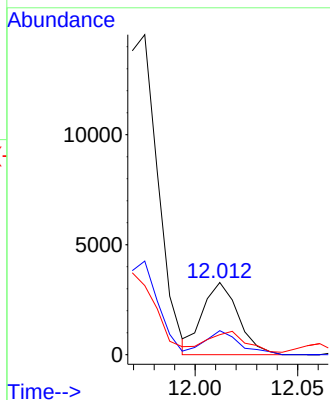
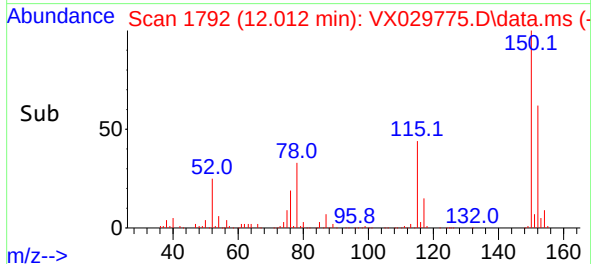
Instrument :
MSVOA_X
ClientSampleId :
MW-28



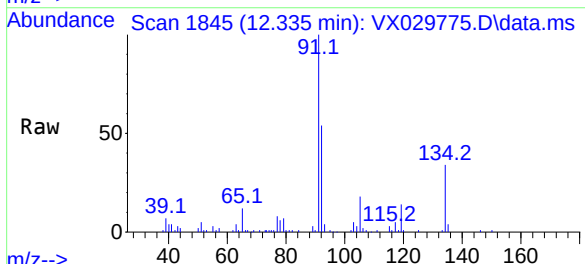
Tgt Ion: 119 Resp: 3970
Ion Ratio Lower Upper
119 100
134 128.7 13.0 39.0
91 119.6 11.3 33.9

Manual Integrations
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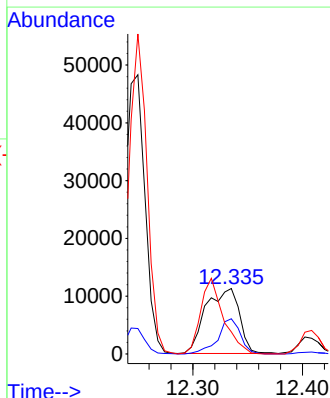
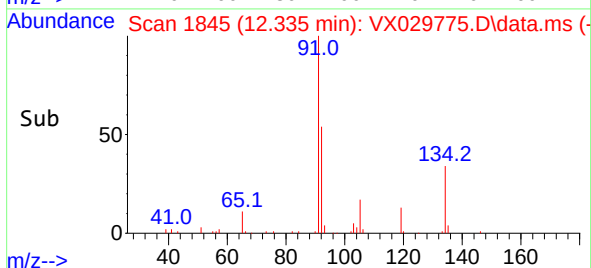
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

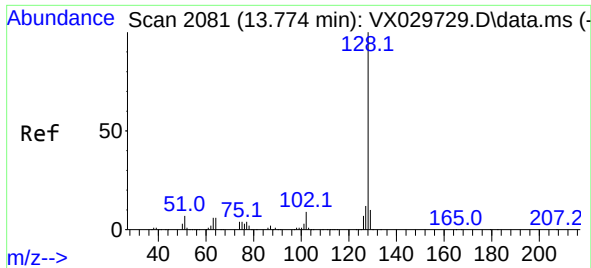


#89
n-Butylbenzene
Concen: 2.925 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09



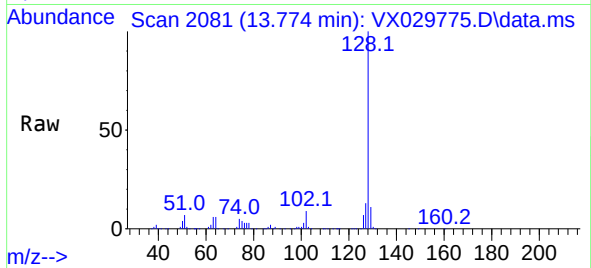
Tgt Ion: 91 Resp: 24068
Ion Ratio Lower Upper
91 100
92 36.1 27.8 83.3
134 79.1 13.3 39.8





#95
Naphthalene
Concen: 10.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029775.D
Acq: 24 Jun 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-28



Tgt Ion:128 Resp: 113894
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 13.0 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

