

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028828.D
 Acq On : 19 May 2022 16:19
 Operator : JC/MD
 Sample : N2943-18 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Quant Time: May 20 01:48:30 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	262748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	464223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177569	49.302	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.600%		
35) Dibromofluoromethane	5.391	113	153276	50.395	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.780%		
50) Toluene-d8	8.653	98	570229	49.727	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.460%		
62) 4-Bromofluorobenzene	11.085	95	278152	64.943	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	129.880%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	15262	12.384	ug/l	# 72
16) Acetone	2.380	43	5508	3.563	ug/l	94
25) 2-Butanone	4.574	43	4313	1.778	ug/l	# 86
31) Cyclohexane	5.476	56	145715	29.147	ug/l	97
39) Methylcyclohexane	7.379	83	67997	12.979	ug/l	90
40) Benzene	6.037	78	137819	10.497	ug/l	99
52) Toluene	8.720	92	125439	14.852	ug/l	98
67) Ethyl Benzene	10.195	91	1273225	74.892	ug/l	99
68) m/p-Xylenes	10.305	106	1175304	177.570	ug/l	98
69) o-Xylene	10.646	106	369095	56.639	ug/l	96
73) Isopropylbenzene	10.963	105	105273	5.156	ug/l	98
78) n-propylbenzene	11.305	91	314293	13.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	286173	16.822	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1603047	93.968	ug/l	100
85) sec-Butylbenzene	11.890	105	13643m	0.671	ug/l	
86) p-Isopropyltoluene	12.012	119	7029	0.412	ug/l	# 74
95) Naphthalene	13.774	128	593008	30.997	ug/l	100

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

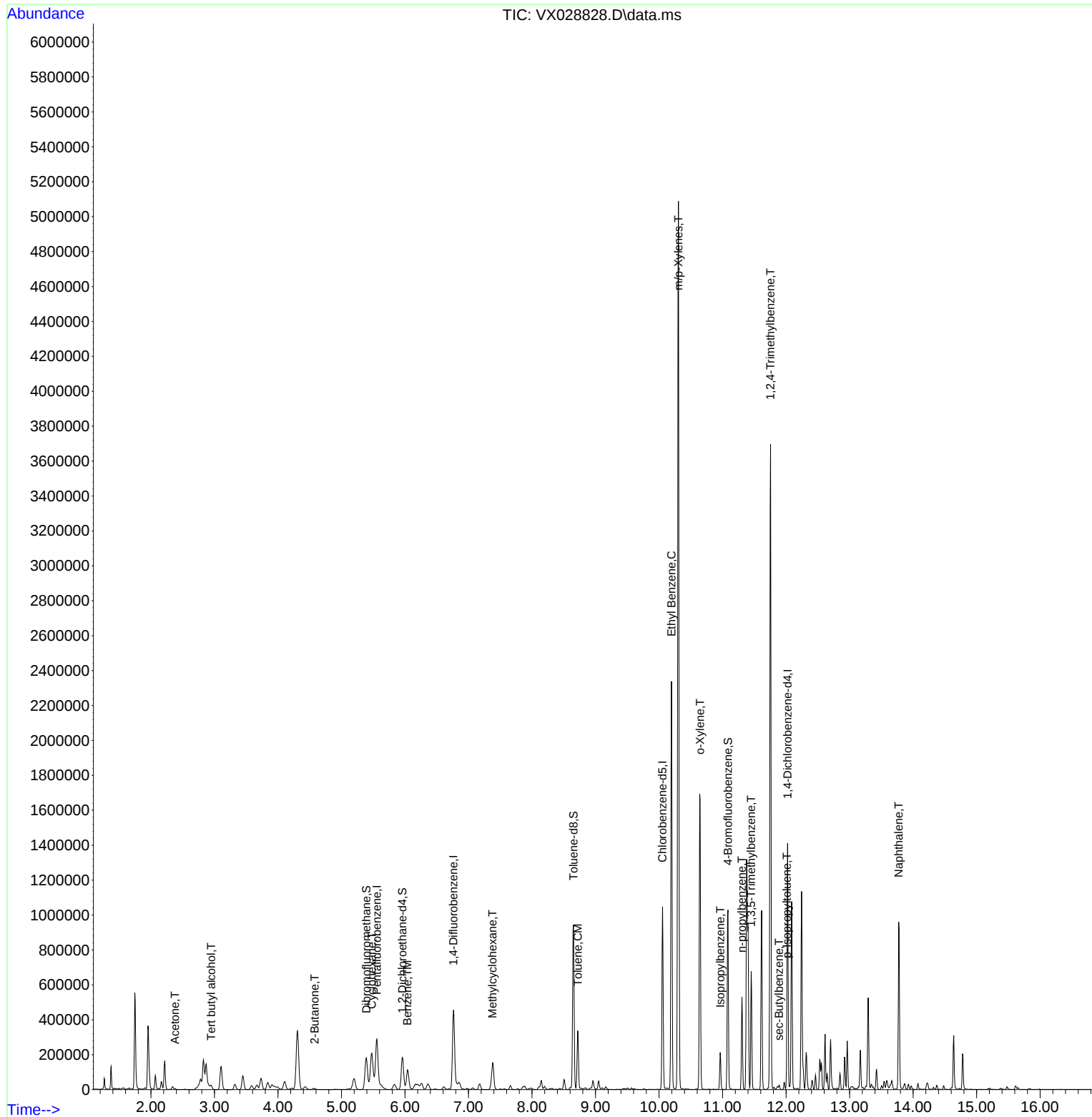
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
Data File : VX028828.D
Acq On : 19 May 2022 16:19
Operator : JC/MD
Sample : N2943-18 10X
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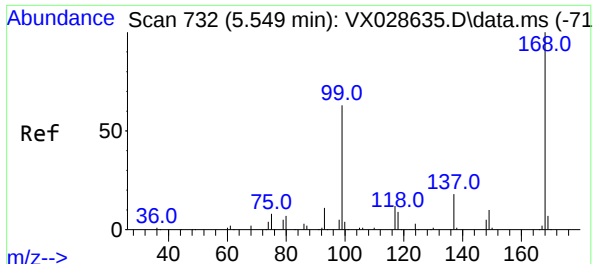
Instrument :
MSVOA_X
ClientSampleId :
MW-23

Quant Time: May 20 01:48:30 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

Manual Integrations
APPROVED

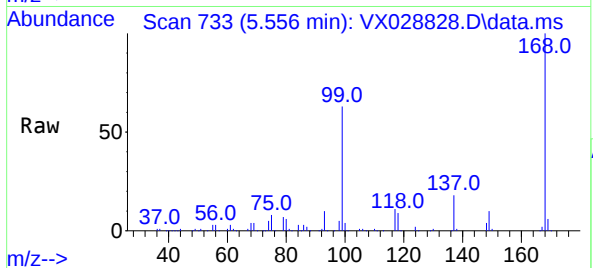
Reviewed By : John Carlone 05/20/2022
Supervised By : Mahesh Dadoda 05/20/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

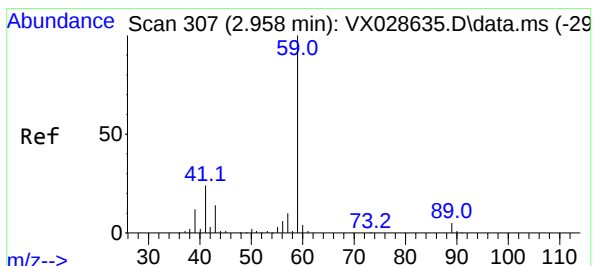
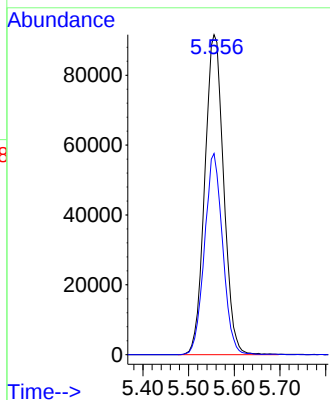
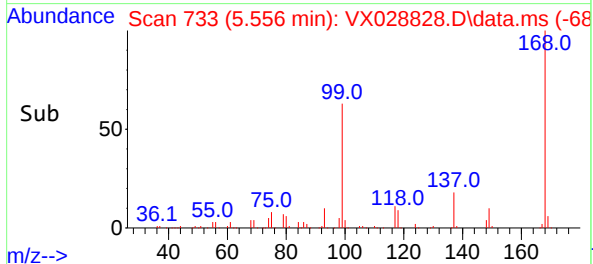
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion:168 Resp: 262748
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5

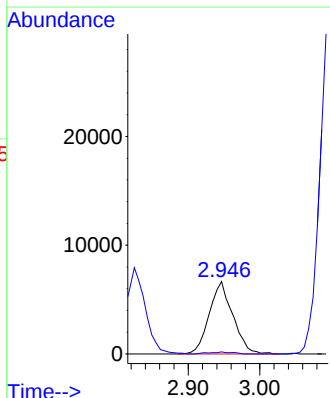
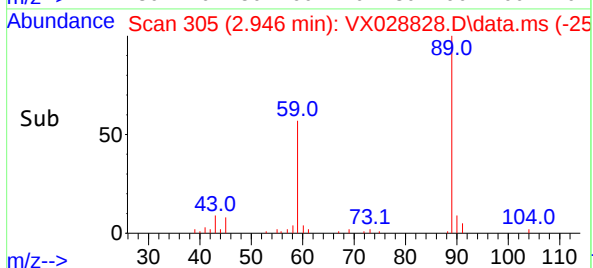
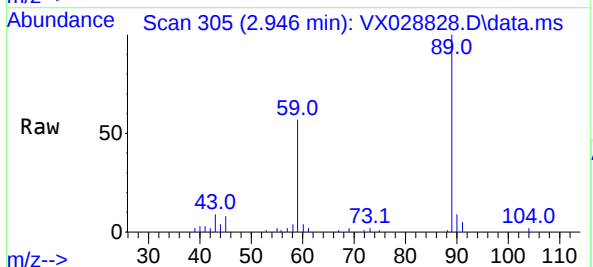
Manual Integrations
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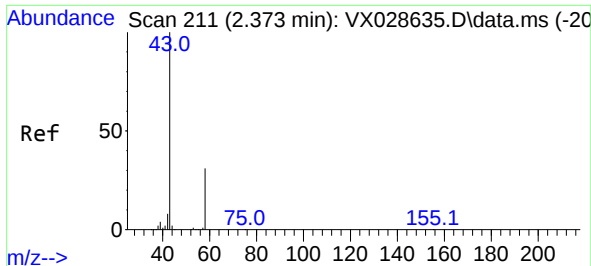
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#11
Tert butyl alcohol
Concen: 12.384 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

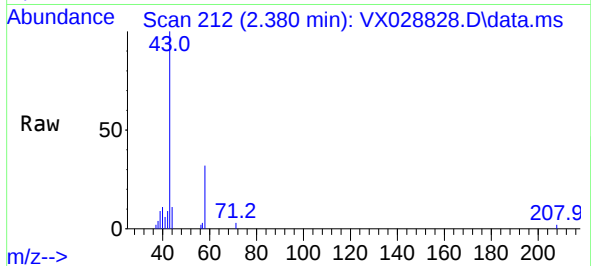
Tgt Ion: 59 Resp: 15262
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





#16
Acetone
Concen: 3.563 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

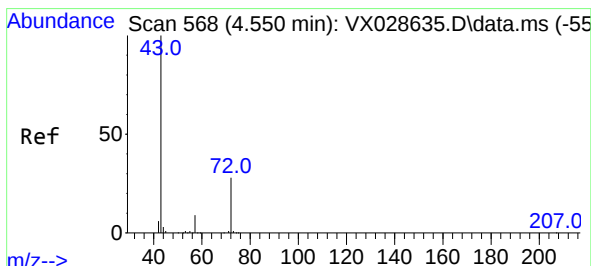
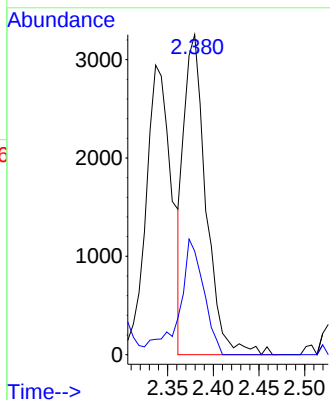
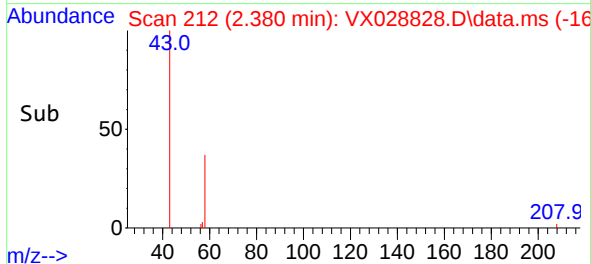
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion: 43 Resp: 5508
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2

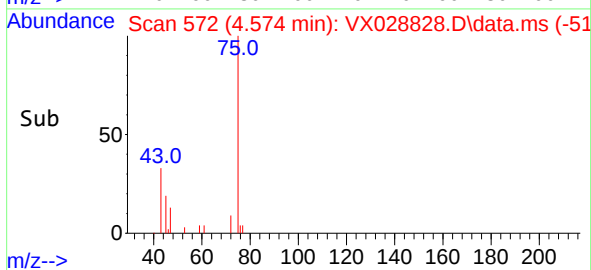
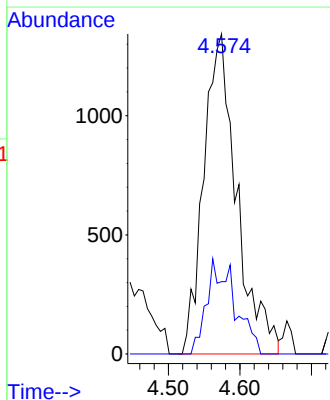
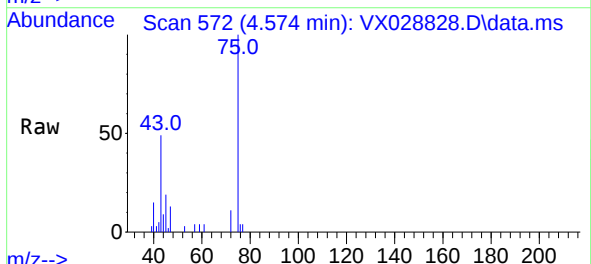
Manual Integrations
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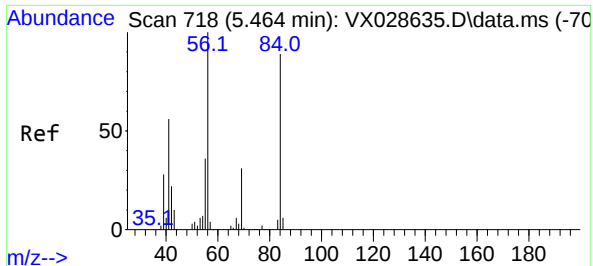
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#25
2-Butanone
Concen: 1.778 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

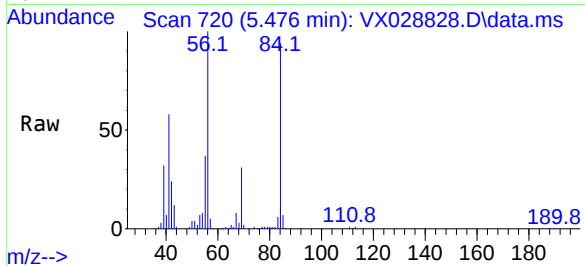
Tgt Ion: 43 Resp: 4313
Ion Ratio Lower Upper
43 100
72 22.6 24.4 36.6#





#31
Cyclohexane
Concen: 29.147 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

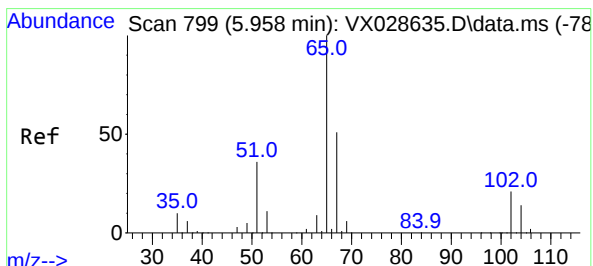
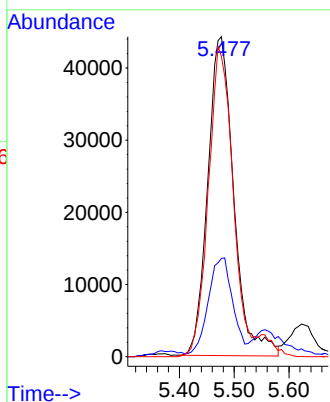
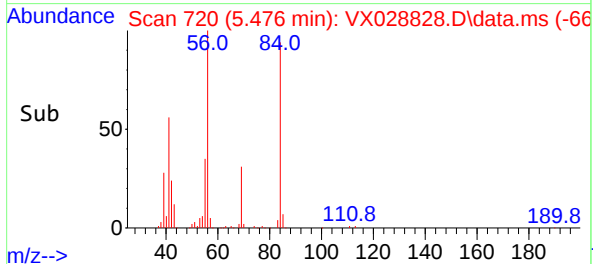
Instrument :
MSVOA_X
ClientSampleId :
MW-23



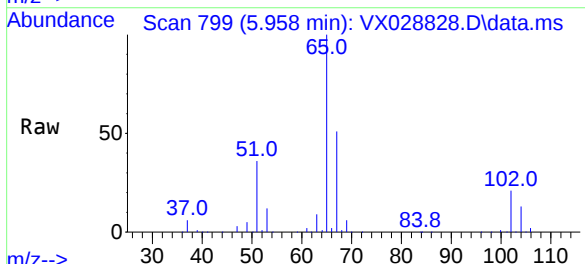
Tgt Ion: 56 Resp: 145715
Ion Ratio Lower Upper
56 100
69 29.6 26.7 40.1
84 94.3 77.2 115.8

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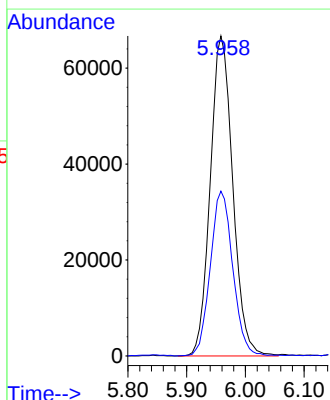
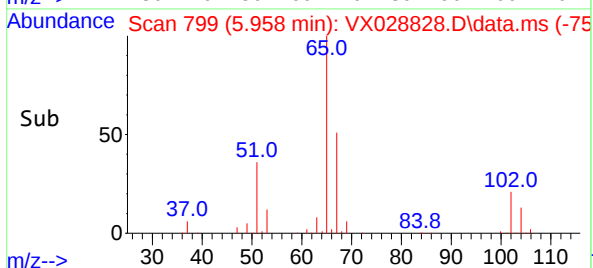
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

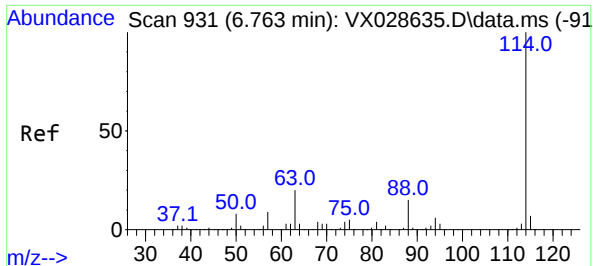


#33
1,2-Dichloroethane-d4
Concen: 49.302 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



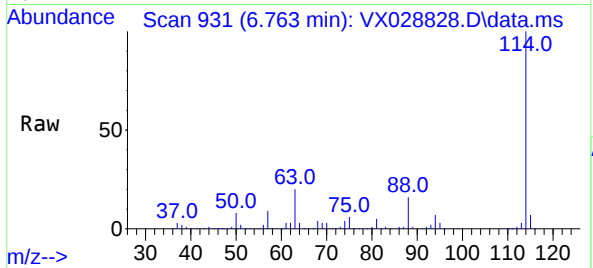
Tgt Ion: 65 Resp: 177569
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

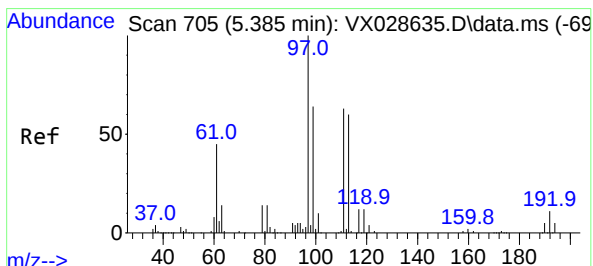
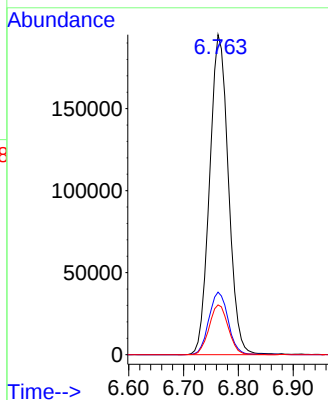
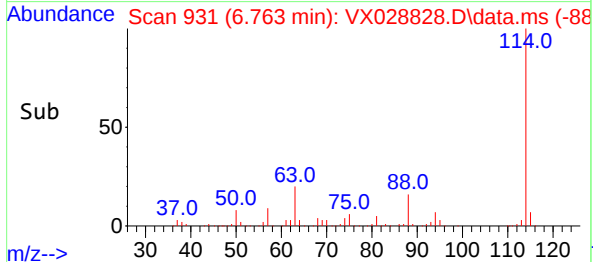
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion:114 Resp: 464223
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.5 0.0 32.4

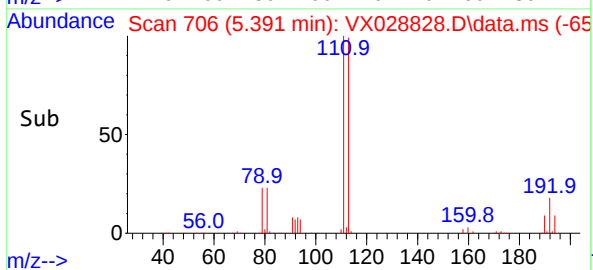
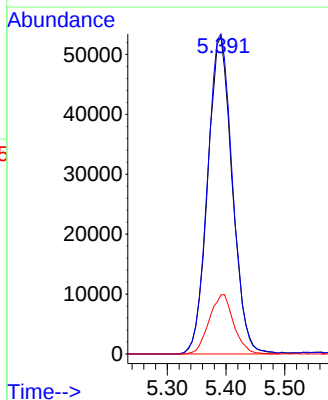
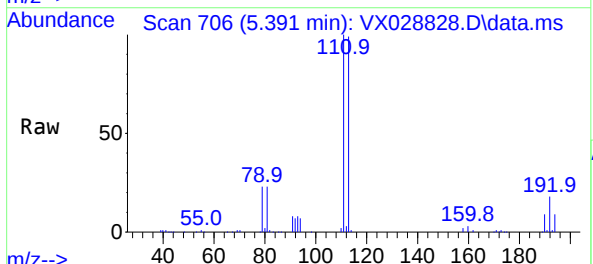
Manual Integrations
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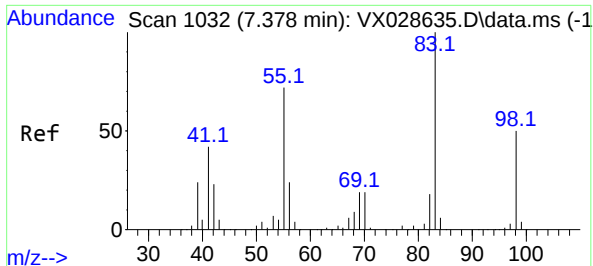
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#35
Dibromofluoromethane
Concen: 50.395 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

Tgt Ion:113 Resp: 153276
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 12.979 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX028828.D

Acq: 19 May 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23

Tgt Ion: 83 Resp: 6799

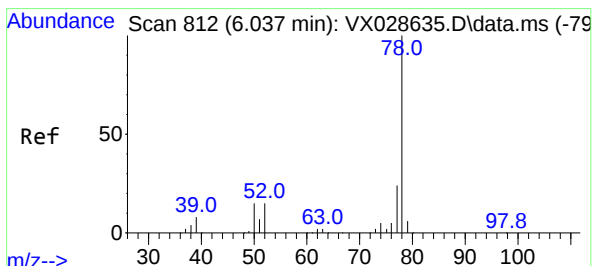
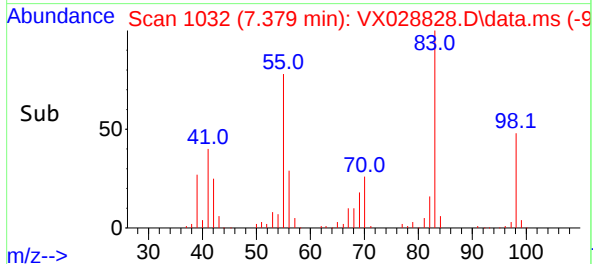
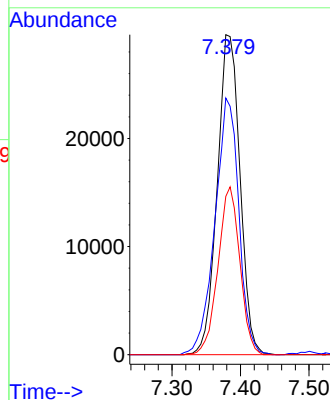
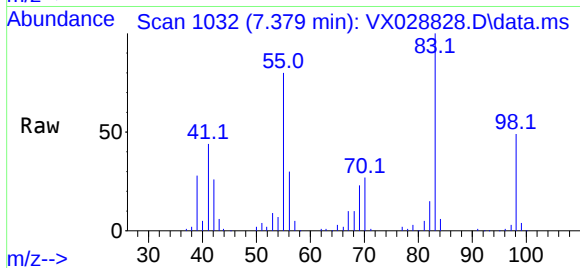
Ion	Ratio	Lower	Upper
83	100		
55	80.2	54.6	81.8
98	49.5	37.4	56.2

Manual Integrations

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Reviewed By :John Carlone 05/20/2022

Supervised By :Mahesh Dadoda 05/20/2022



#40

Benzene

Concen: 10.497 ug/l

RT: 6.037 min Scan# 812

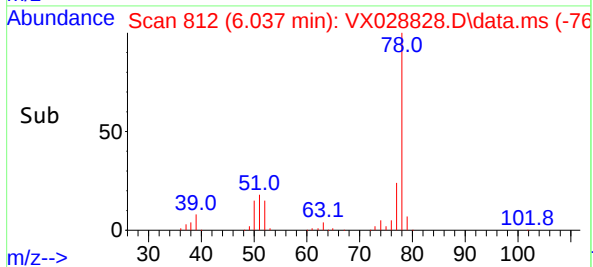
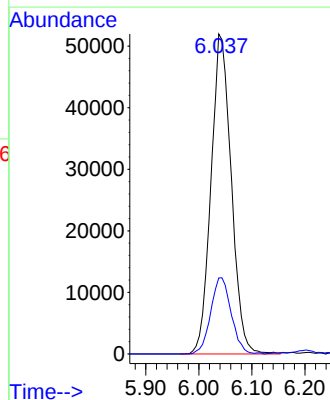
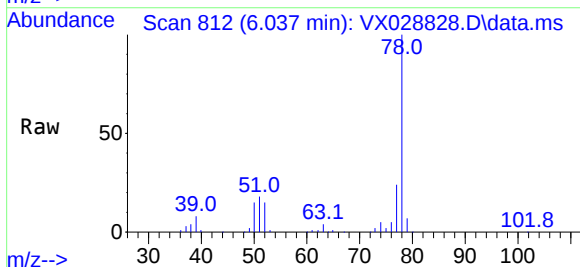
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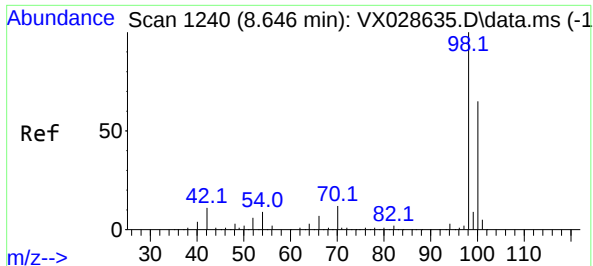
Lab File: VX028828.D

Acq: 19 May 2022 16:19

Tgt Ion: 78 Resp: 137819

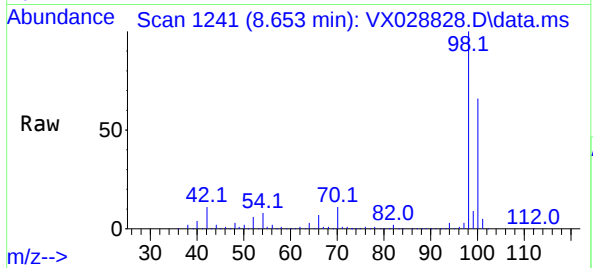
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#50
Toluene-d8
Concen: 49.727 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

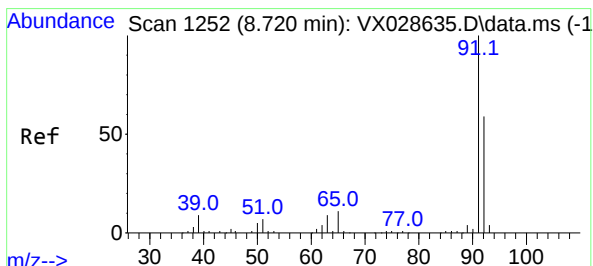
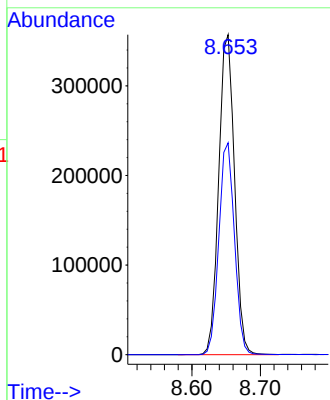
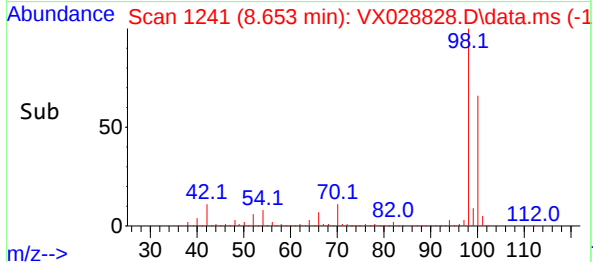
Instrument :
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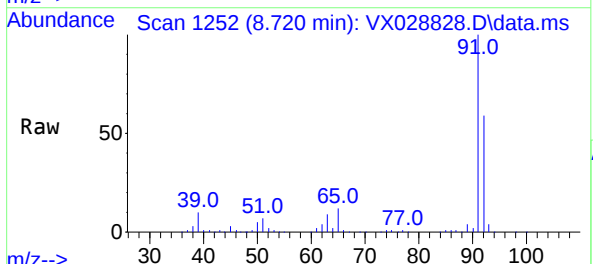
Tgt Ion: 98 Resp: 570229
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

Manual Integrations
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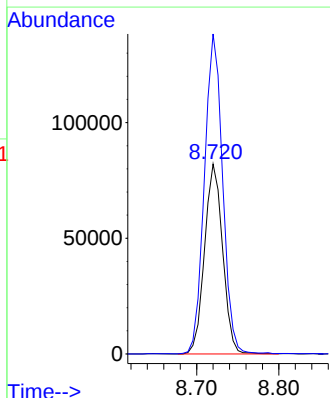
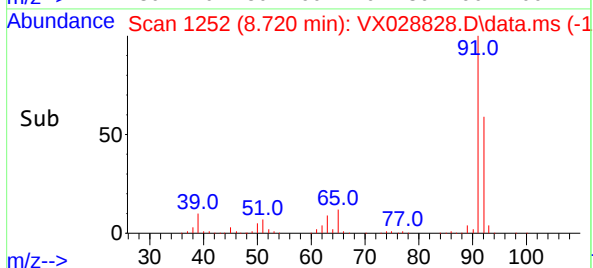
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

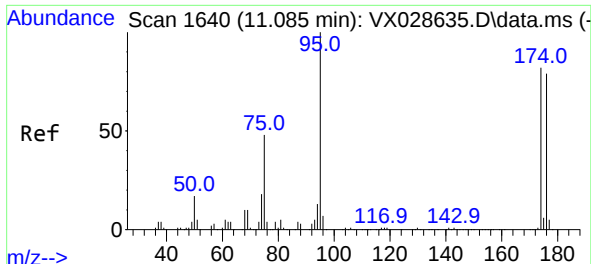


#52
Toluene
Concen: 14.852 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



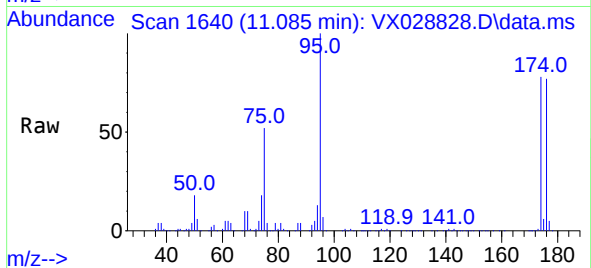
Tgt Ion: 92 Resp: 125439
Ion Ratio Lower Upper
92 100
91 169.7 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 64.943 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

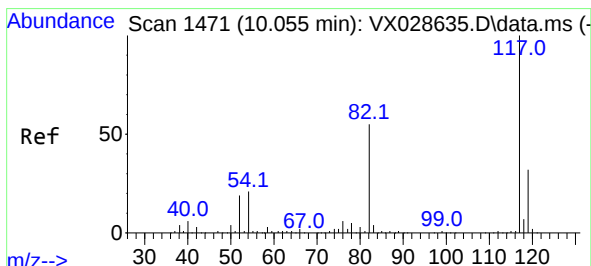
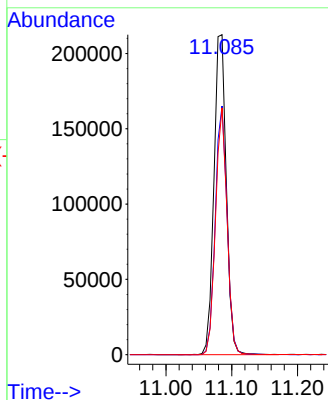
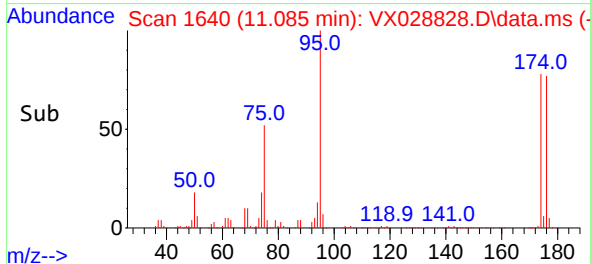
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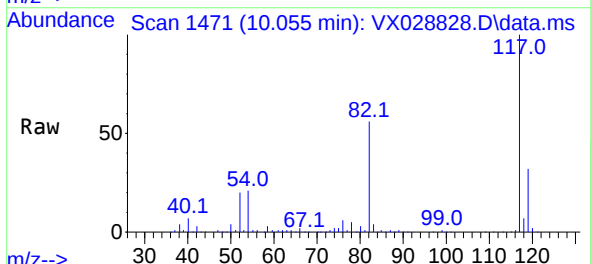
Tgt Ion: 95 Resp: 27815
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 72.1 0.0 155.0

Manual Integrations
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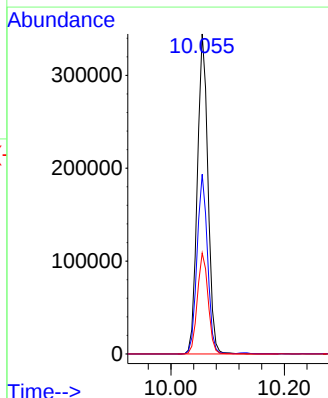
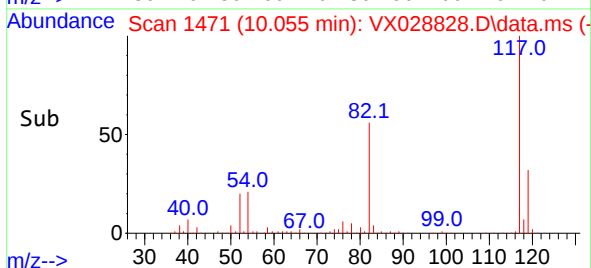
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

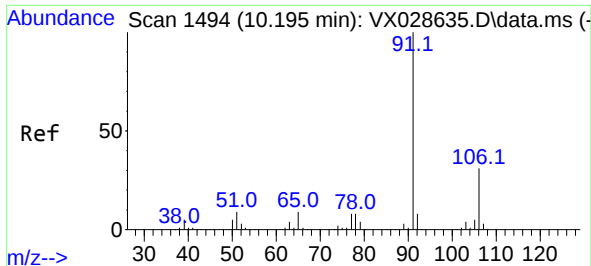


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



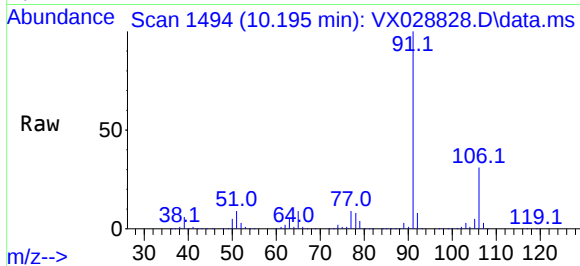
Tgt Ion:117 Resp: 447098
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 31.5 24.8 37.2





#67
Ethyl Benzene
Concen: 74.892 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

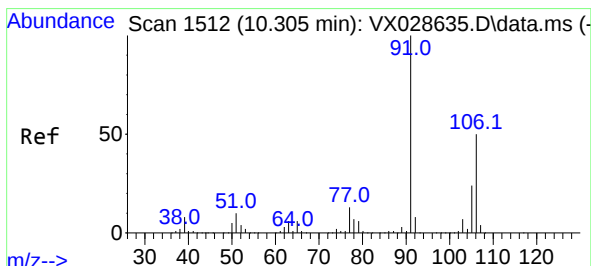
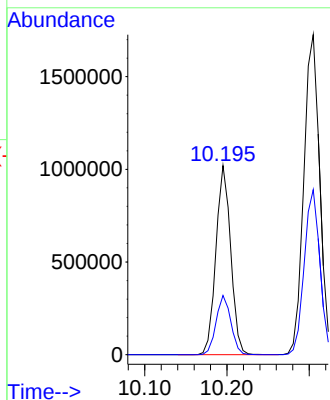
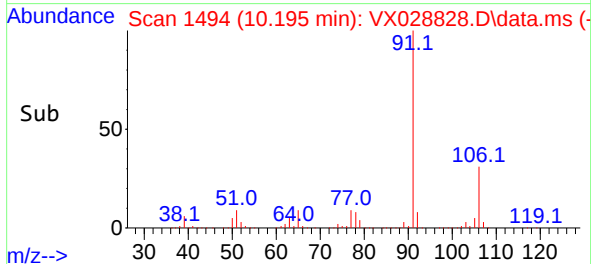
Instrument :
MSVOA_X
ClientSampleId :
MW-23



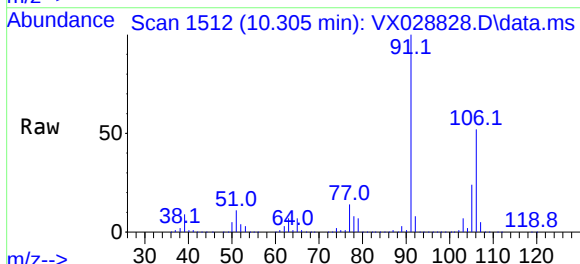
Tgt Ion: 91 Resp: 1273225
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
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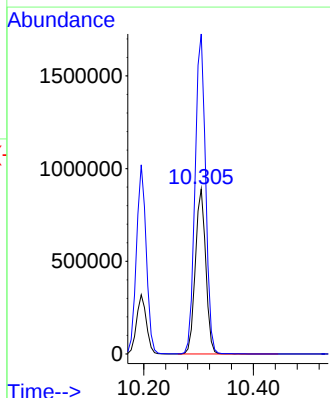
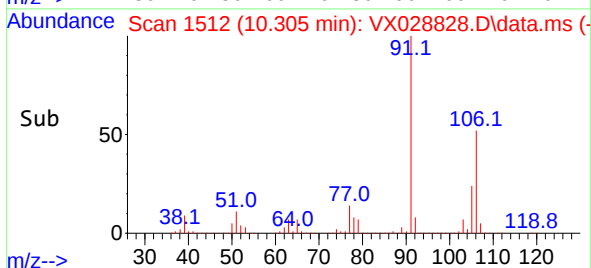
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

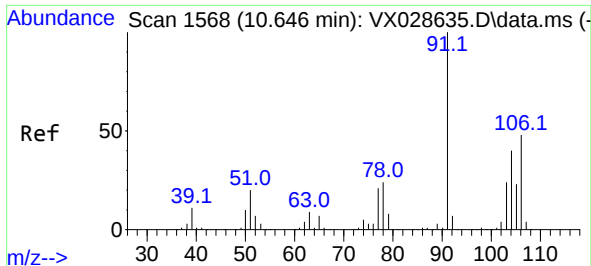


#68
m/p-Xylenes
Concen: 177.570 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



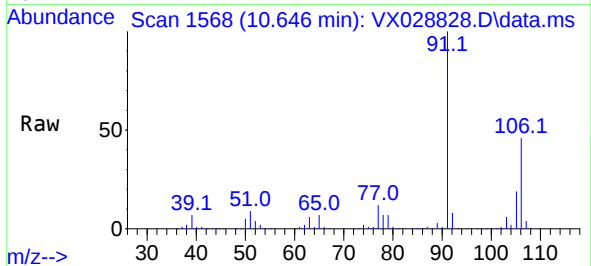
Tgt Ion:106 Resp: 1175304
Ion Ratio Lower Upper
106 100
91 197.1 160.4 240.6





#69
o-Xylene
Concen: 56.639 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

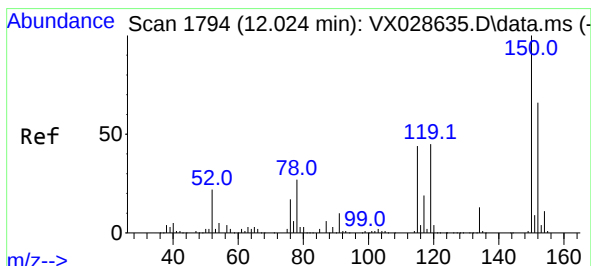
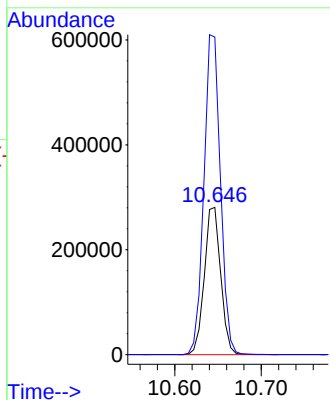
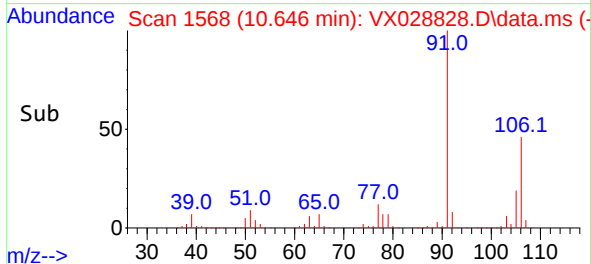
Instrument :
MSVOA_X
ClientSampleId :
MW-23



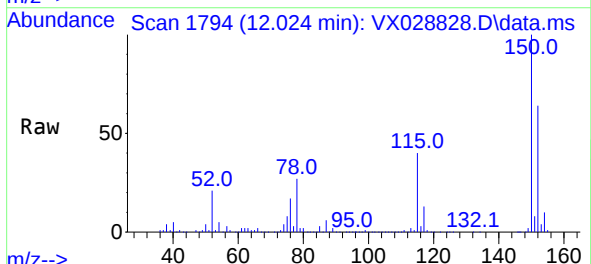
Tgt Ion:106 Resp: 36909
Ion Ratio Lower Upper
106 100
91 219.1 106.1 318.1

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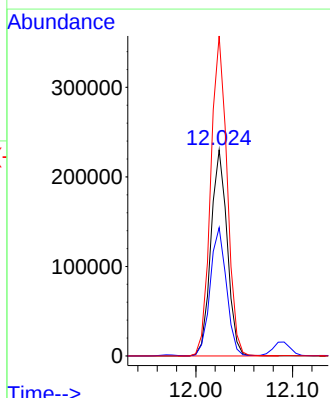
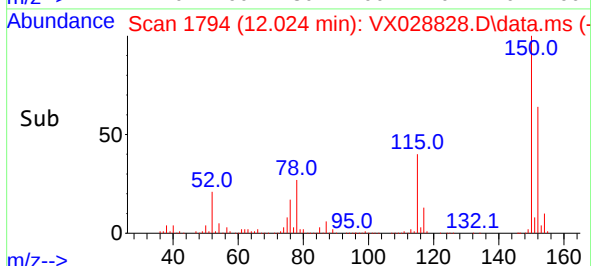
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

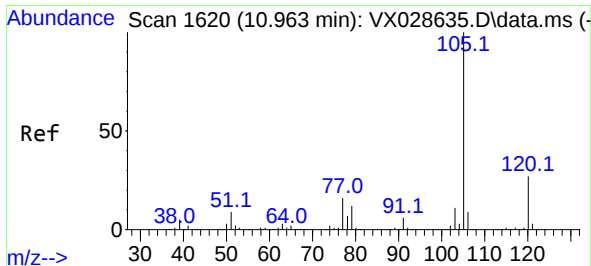


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



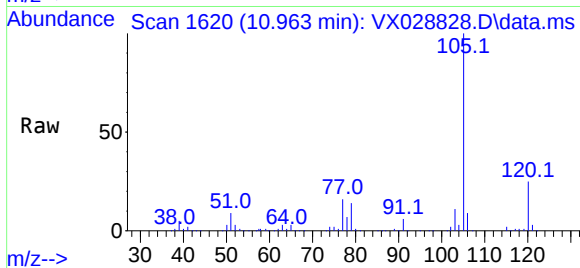
Tgt Ion:152 Resp: 269223
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 156.5 0.0 338.2





#73
Isopropylbenzene
Concen: 5.156 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

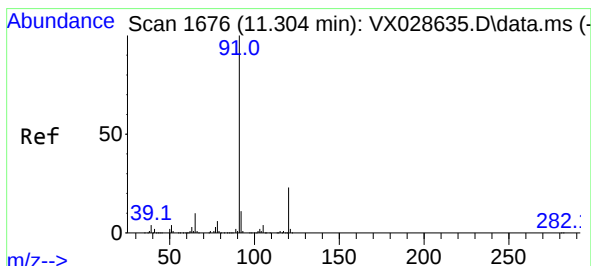
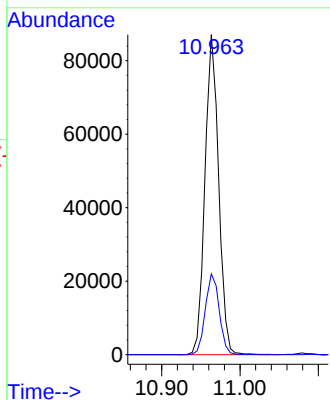
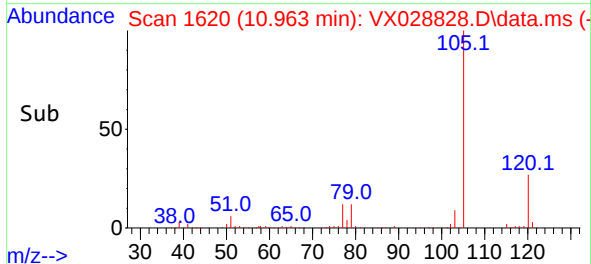
Instrument :
MSVOA_X
ClientSampleId :
MW-23



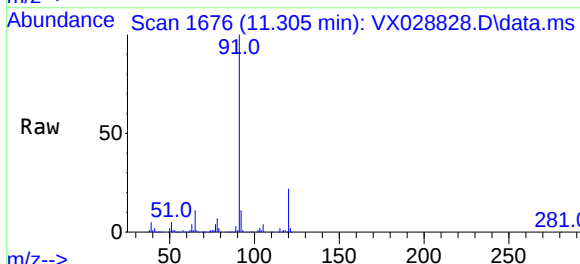
Tgt Ion:105 Resp: 105273
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5

Manual Integrations
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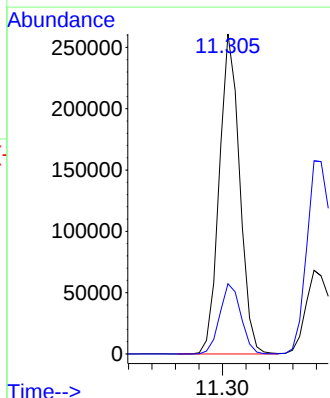
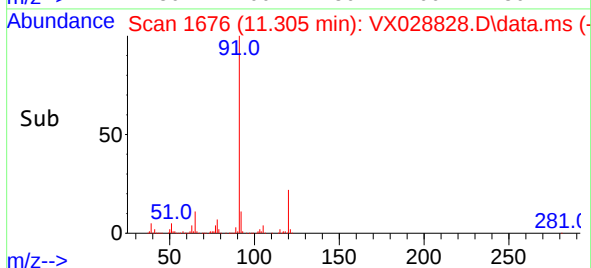
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

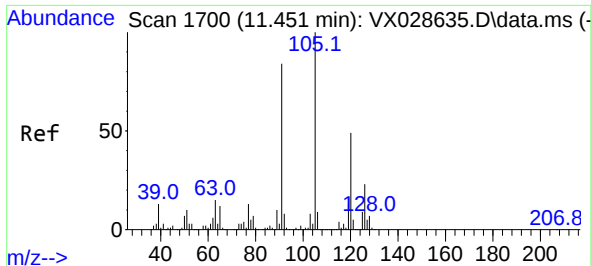


#78
n-propylbenzene
Concen: 13.308 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19



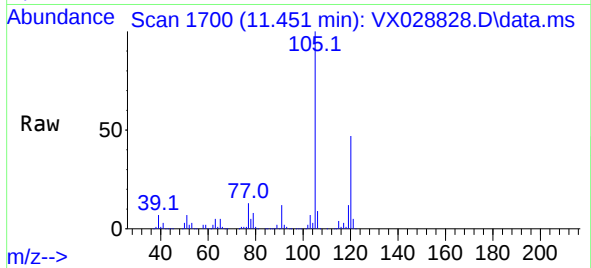
Tgt Ion: 91 Resp: 314293
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 16.822 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

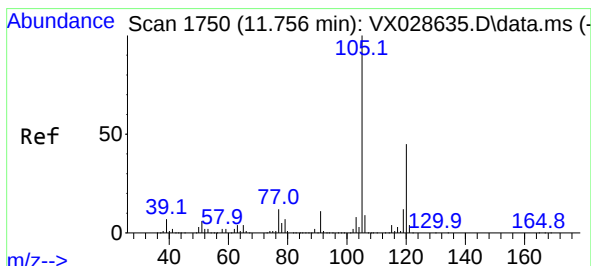
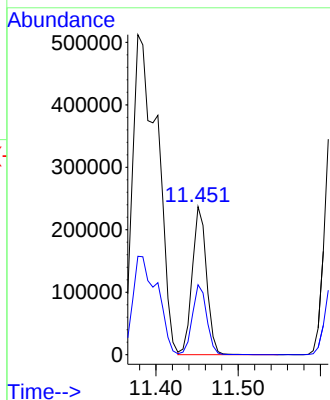
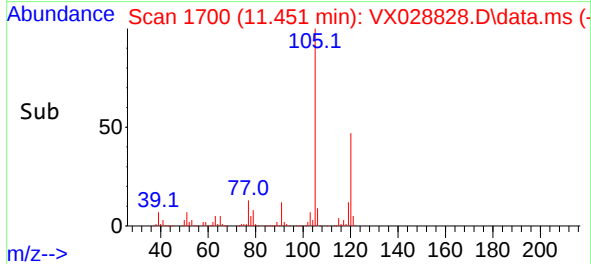
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion:105 Resp: 286173
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9

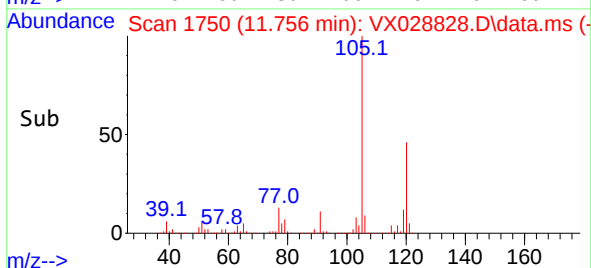
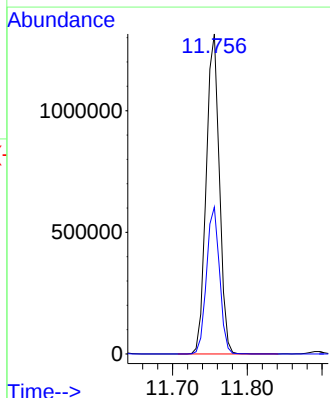
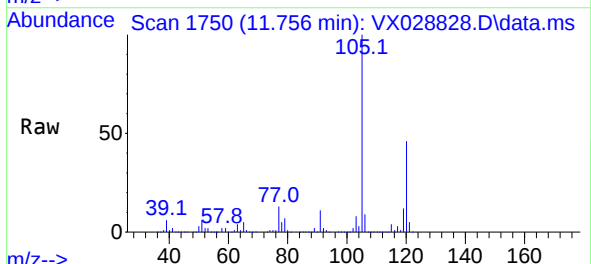
Manual Integrations
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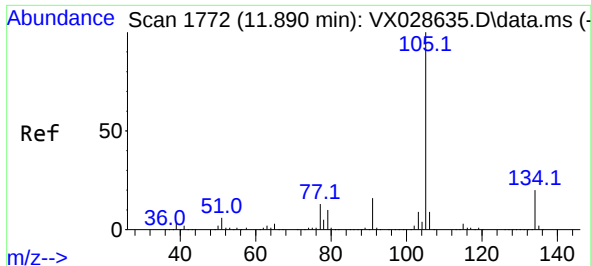
Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 93.968 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

Tgt Ion:105 Resp: 1603047
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





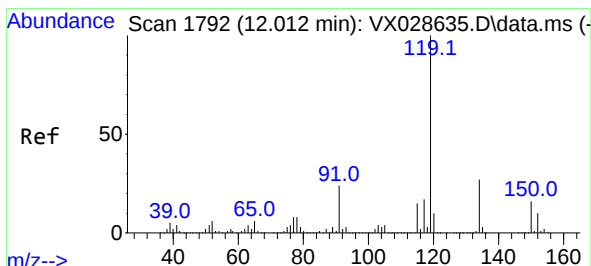
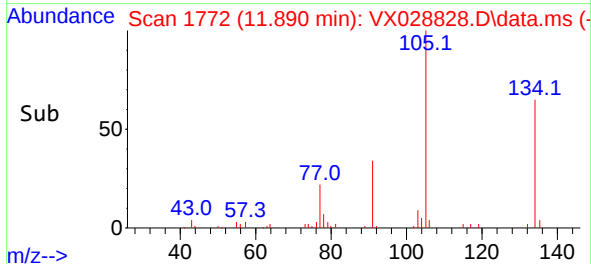
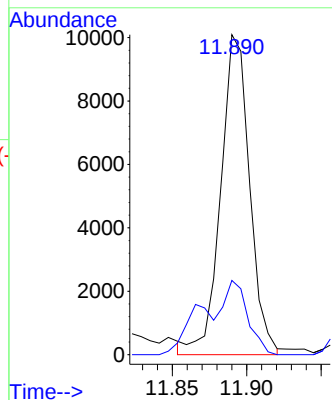
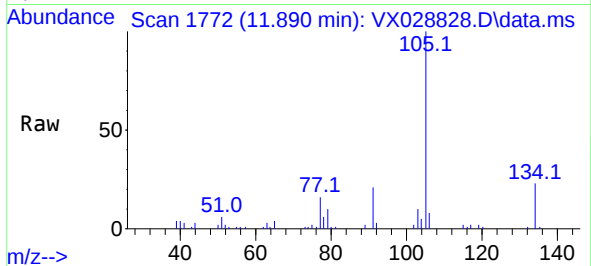
#85
 sec-Butylbenzene
 Concen: 0.671 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028828.D
 Acq: 19 May 2022 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Tgt Ion:105 Resp: 1364
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

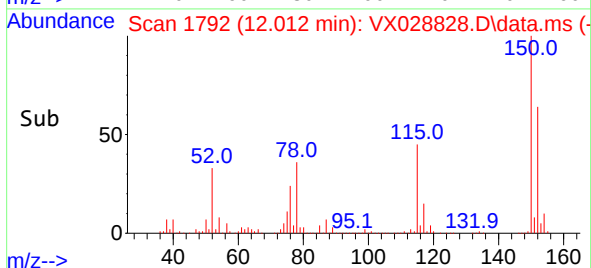
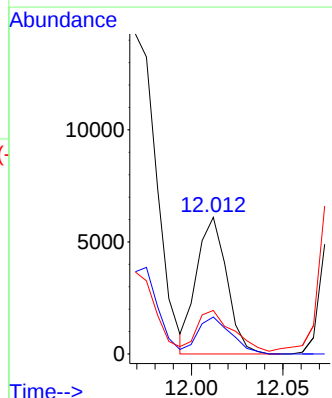
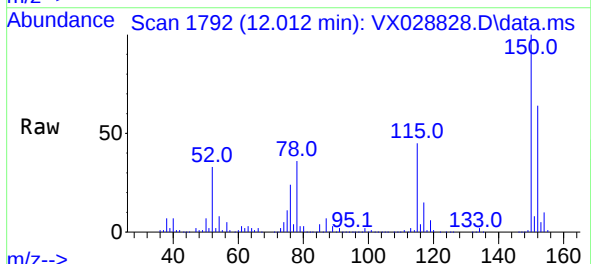
Manual Integrations
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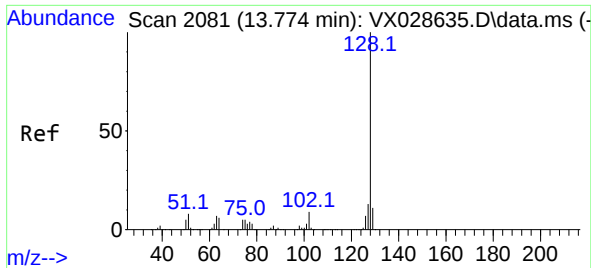
Reviewed By :John Carlone 05/20/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#86
 p-Isopropyltoluene
 Concen: 0.412 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028828.D
 Acq: 19 May 2022 16:19

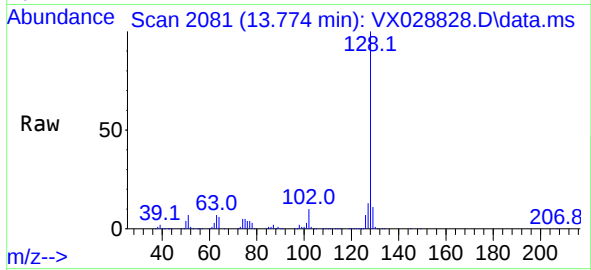
Tgt Ion:119 Resp: 7029
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.0 39.0
 91 0.0 11.3 33.9





#95
Naphthalene
Concen: 30.997 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028828.D
Acq: 19 May 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion:128 Resp: 593008
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

