

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029779.D
 Acq On : 24 Jun 2022 16:43
 Operator : JC/MD
 Sample : N3202-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 02:03:55 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	5.562	168	243554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138674	43.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.020%		
35) Dibromofluoromethane	5.391	113	120244	45.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.260%		
50) Toluene-d8	8.653	98	462873	47.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.085	95	170848	46.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	209529	300.084	ug/l	98
16) Acetone	2.380	43	32275	25.116	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	391095	45.655	ug/l	99
22) Diisopropyl ether	3.764	45	19103	2.424	ug/l #	85
25) 2-Butanone	4.562	43	14123	6.953	ug/l #	88
31) Cyclohexane	5.477	56	9135	2.111	ug/l	90
39) Methylcyclohexane	7.391	83	7484	1.665	ug/l	93
40) Benzene	6.044	78	437805	40.959	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	7045	1.902	ug/l	96
52) Toluene	8.720	92	1088221	158.990	ug/l	96
67) Ethyl Benzene	10.195	91	323937	25.719	ug/l	100
68) m/p-Xylenes	10.305	106	1995950	406.354	ug/l	96
69) o-Xylene	10.646	106	1767203	364.159	ug/l	95
73) Isopropylbenzene	10.963	105	22603	1.889	ug/l	97
78) n-propylbenzene	11.305	91	37245	2.764	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	1606277	159.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2044921	203.516	ug/l	99
86) p-Isopropyltoluene	12.012	119	7998m	0.785	ug/l	
95) Naphthalene	13.774	128	304357	27.195	ug/l	99

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

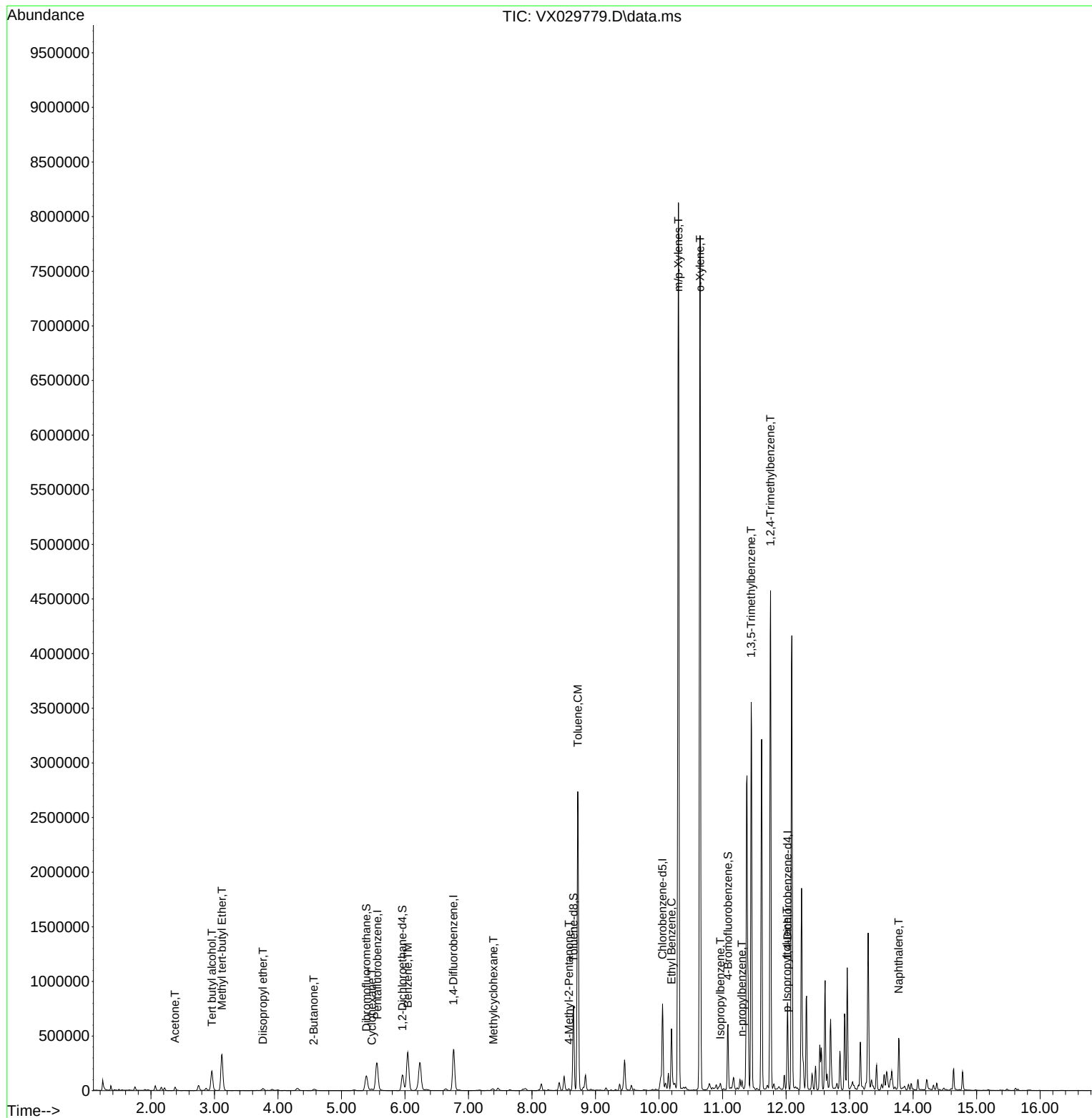
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029779.D
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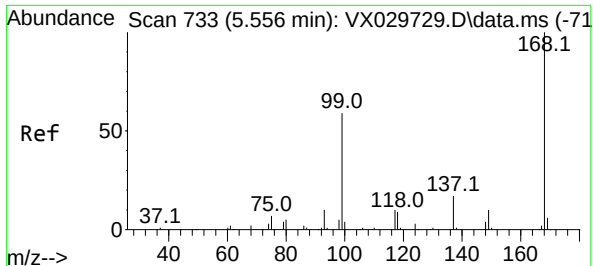
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Quant Time: Jun 25 02:03:55 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

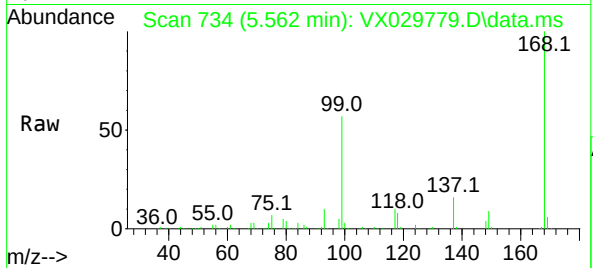
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

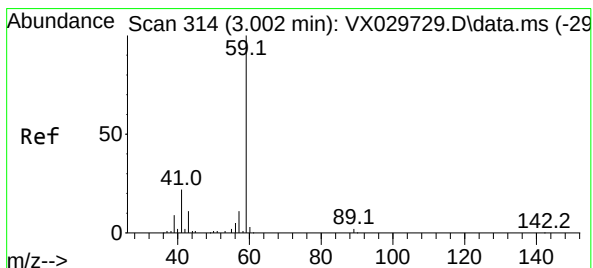
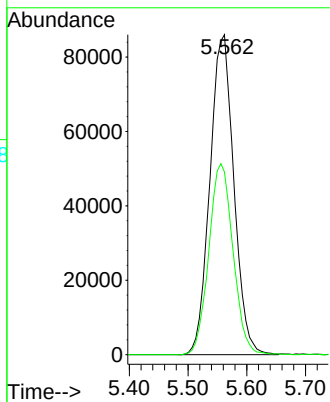
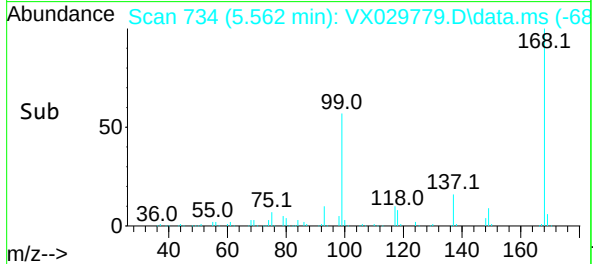
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion:168 Resp: 243554
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5

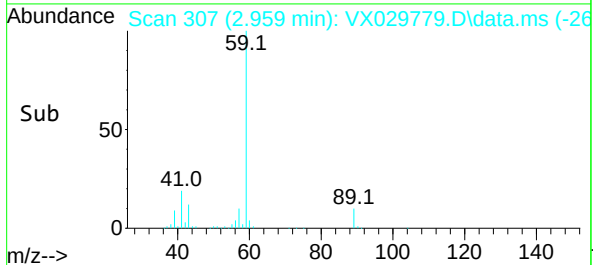
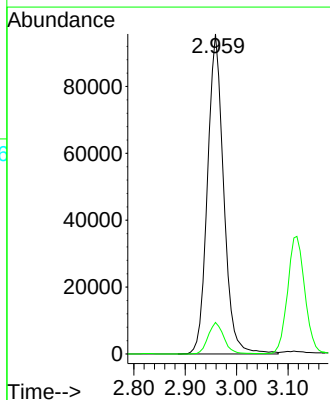
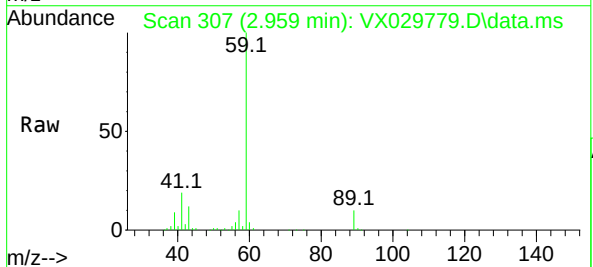
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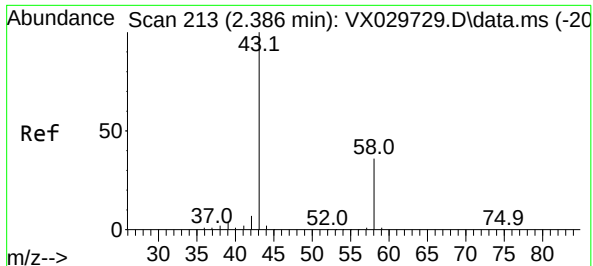
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#11
Tert butyl alcohol
Concen: 300.084 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

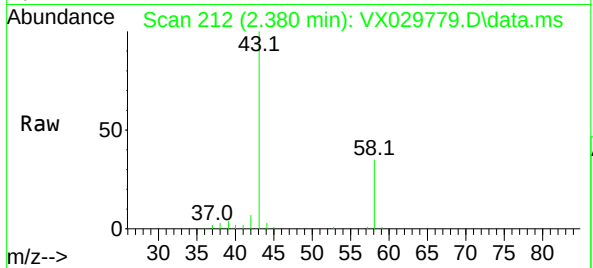
Tgt Ion: 59 Resp: 209529
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5





#16
Acetone
Concen: 25.116 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

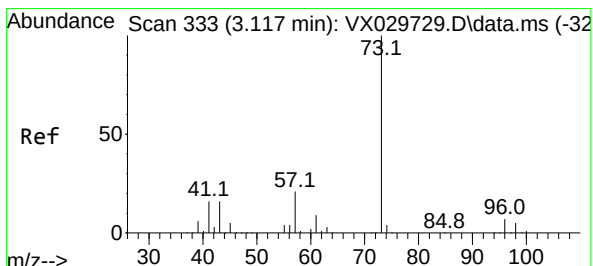
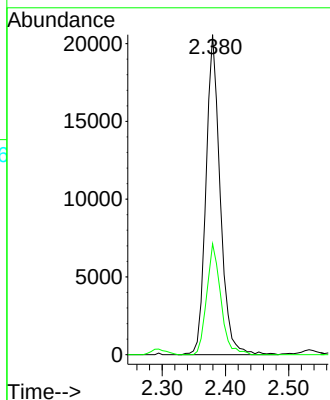
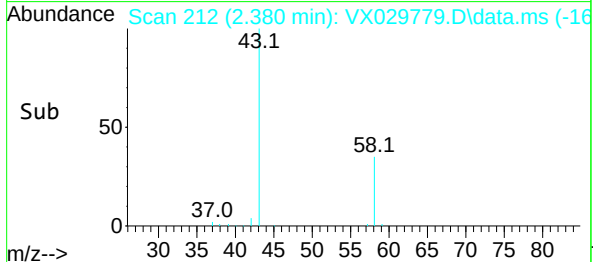
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion: 43 Resp: 3227
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2

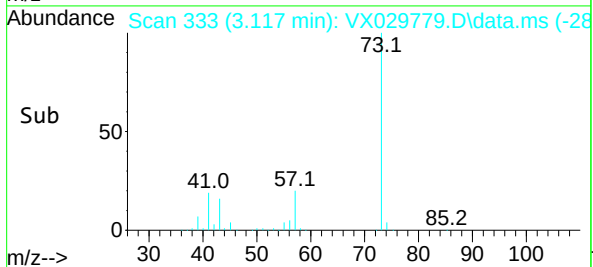
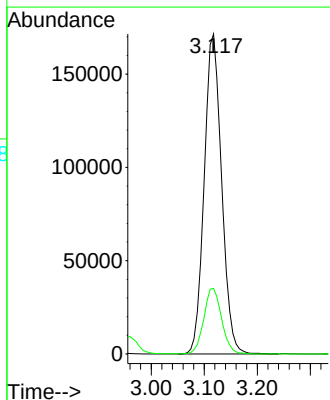
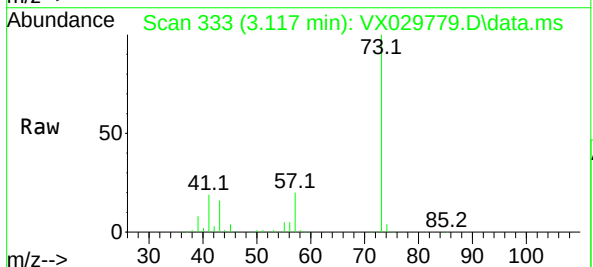
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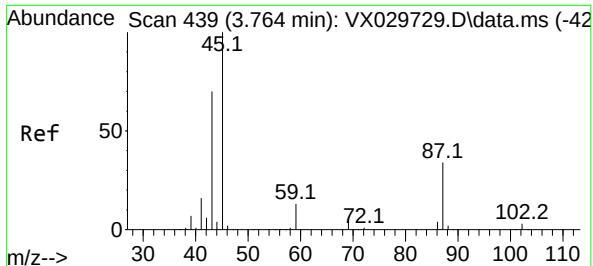
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#19
Methyl tert-butyl Ether
Concen: 45.655 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

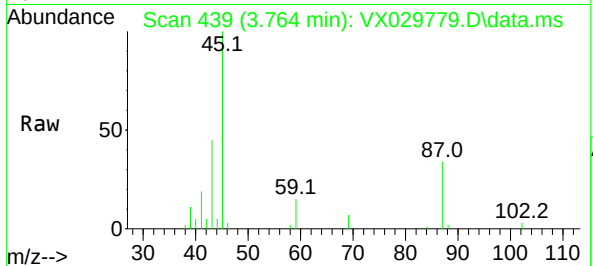
Tgt Ion: 73 Resp: 391095
Ion Ratio Lower Upper
73 100
57 20.4 16.8 25.2





#22
Diisopropyl ether
Concen: 2.424 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

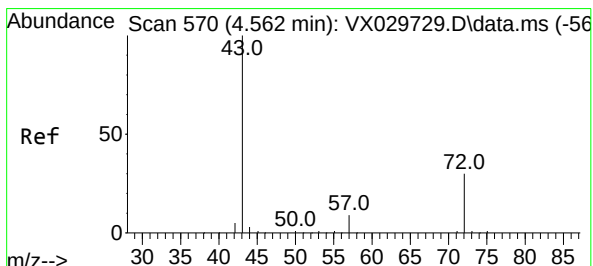
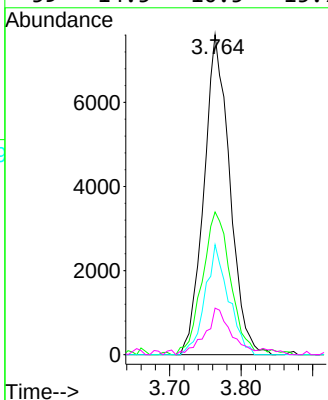
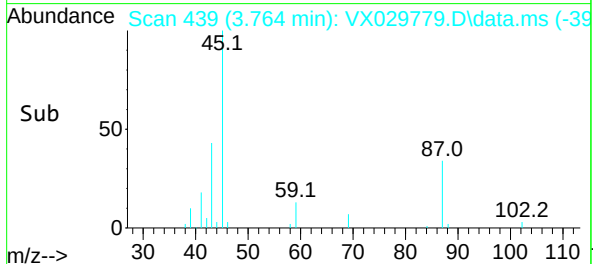
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



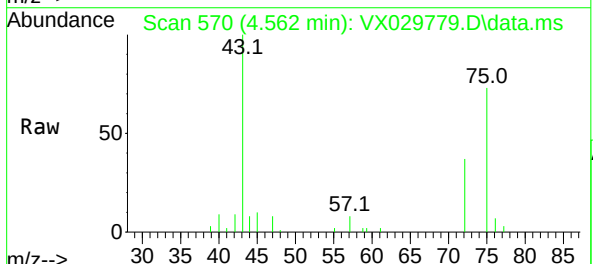
Tgt Ion: 45 Resp: 1910
Ion Ratio Lower Upper
45 100
43 44.6 50.8 76.2
87 34.3 26.6 39.8
59 14.5 10.5 15.7

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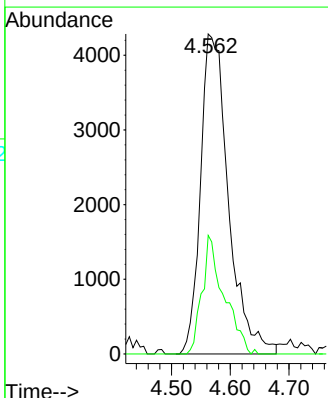
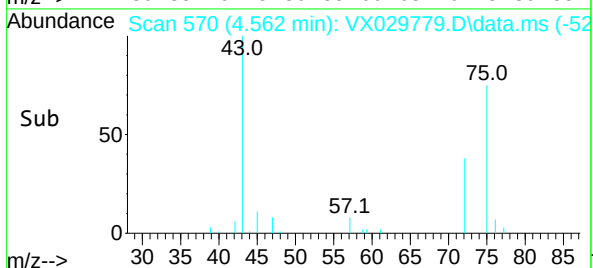
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

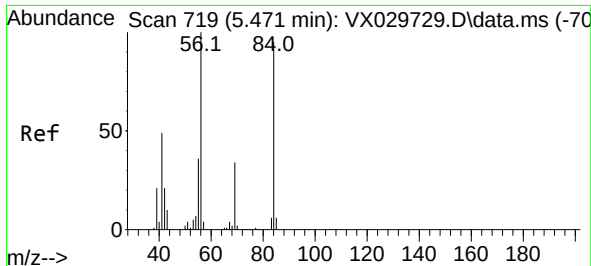


#25
2-Butanone
Concen: 6.953 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



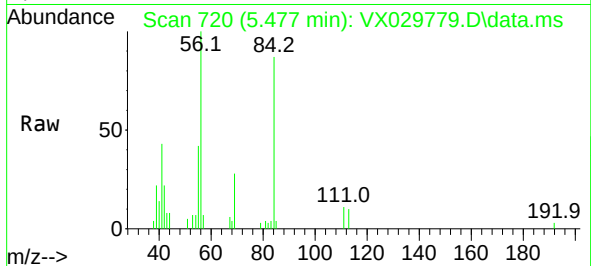
Tgt Ion: 43 Resp: 14123
Ion Ratio Lower Upper
43 100
72 37.1 24.4 36.6





#31
Cyclohexane
Concen: 2.111 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

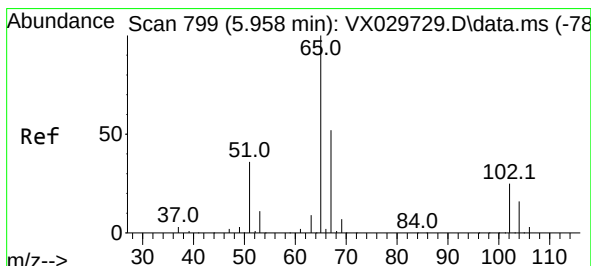
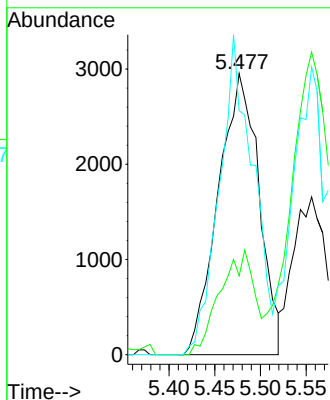
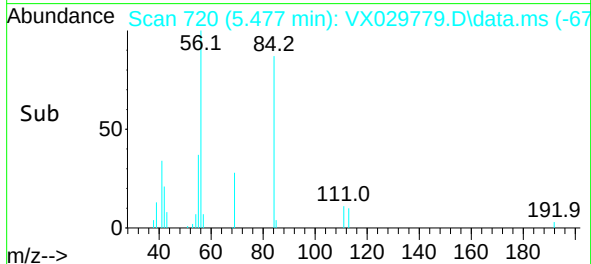
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion: 56 Resp: 913
Ion Ratio Lower Upper
56 100
69 28.1 26.7 40.1
84 86.8 77.2 115.8

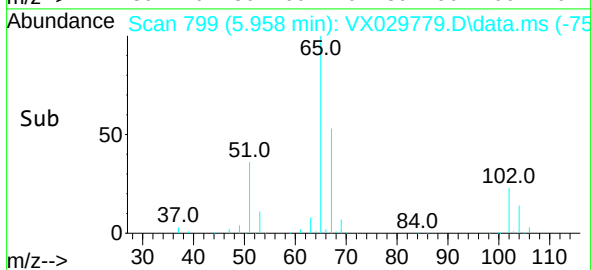
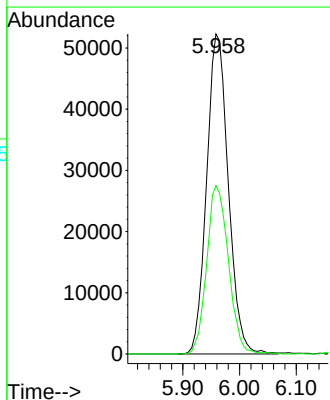
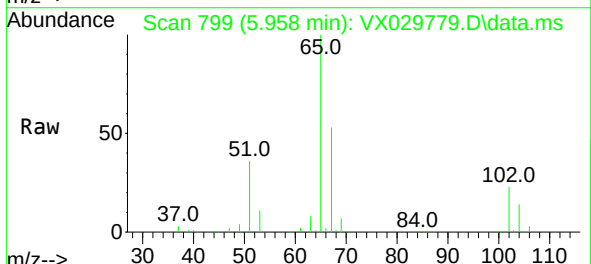
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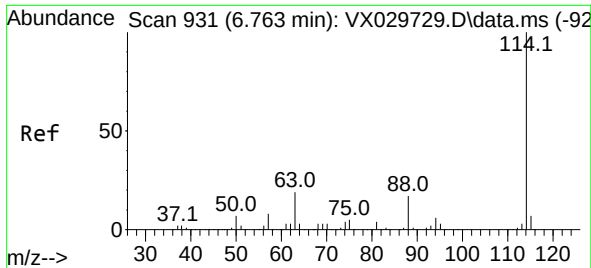
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#33
1,2-Dichloroethane-d4
Concen: 43.013 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

Tgt Ion: 65 Resp: 138674
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4





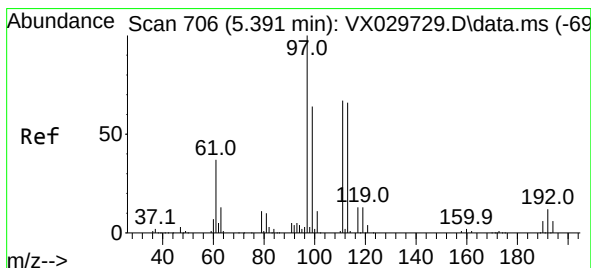
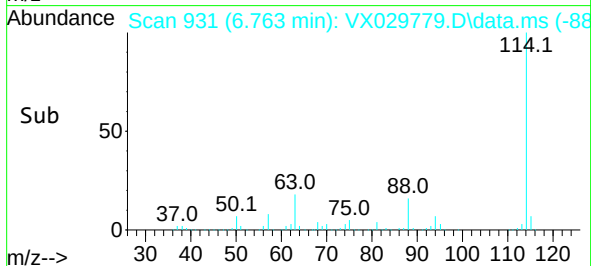
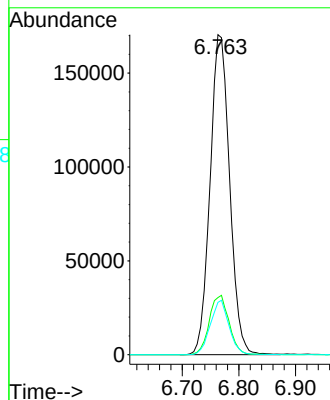
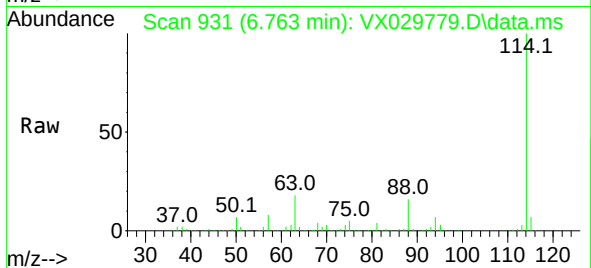
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:114 Resp: 40883
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 16.3 0.0 32.4

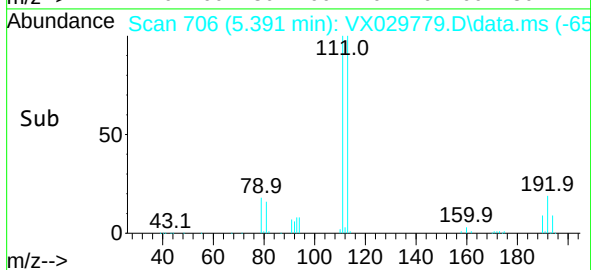
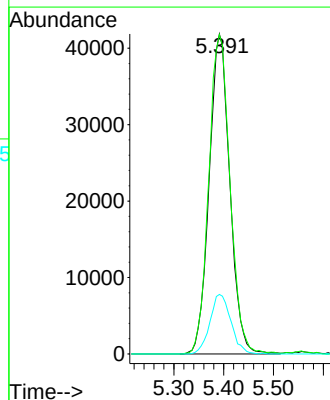
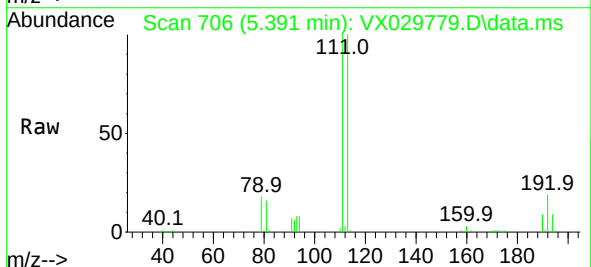
Manual Integrations
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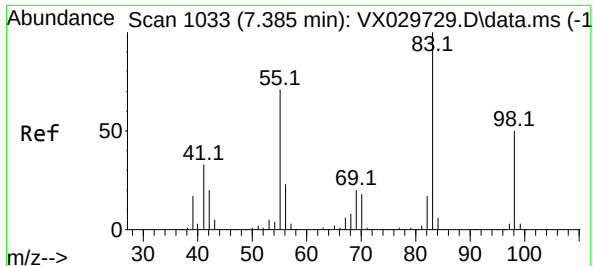
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#35
Dibromofluoromethane
Concen: 45.132 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

Tgt Ion:113 Resp: 120244
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 18.9 16.9 25.3





#39

Methylcyclohexane

Concen: 1.665 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX029779.D

Acq: 24 Jun 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

MW-28DL

Tgt Ion: 83 Resp: 7484

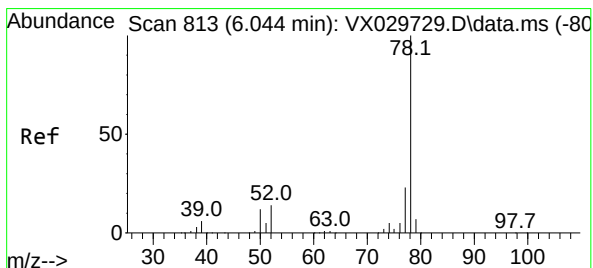
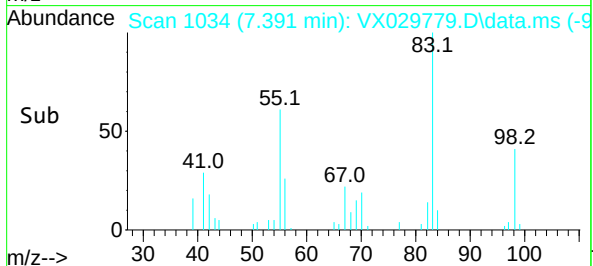
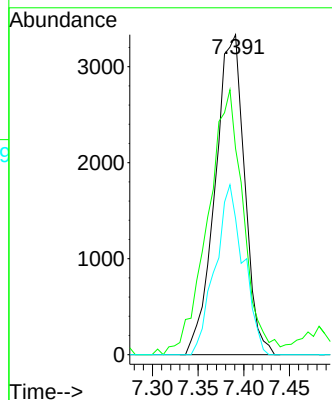
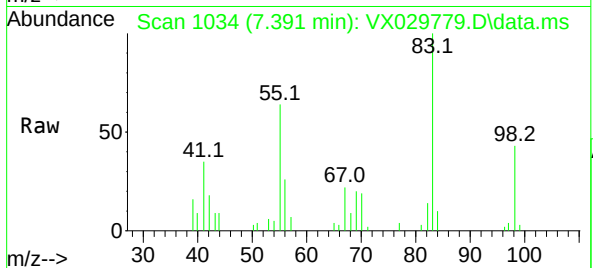
Ion	Ratio	Lower	Upper
83	100		
55	62.0	54.6	81.8
98	42.5	37.4	56.2

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 06/28/2022



#40

Benzene

Concen: 40.959 ug/l

RT: 6.044 min Scan# 813

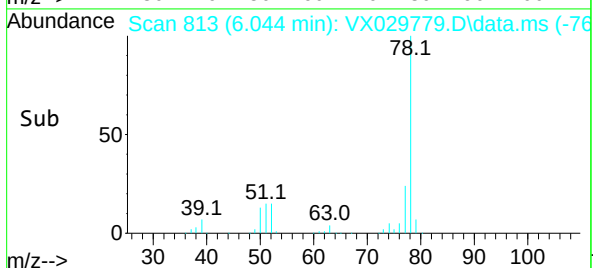
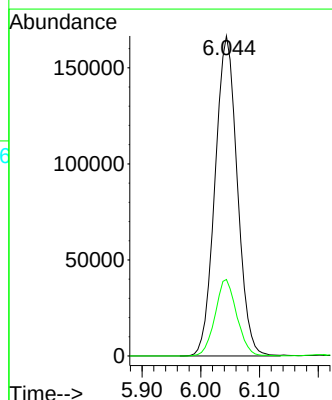
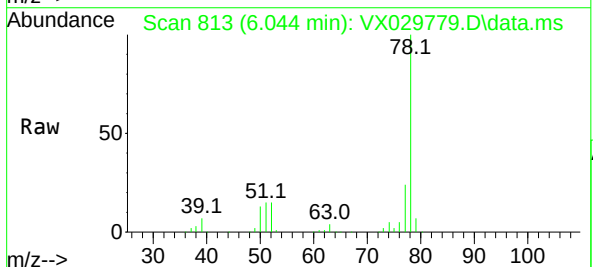
Delta R.T. -0.000 min

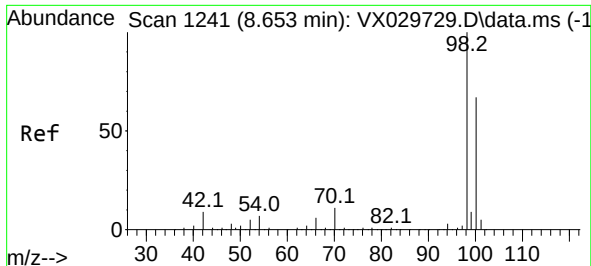
Lab File: VX029779.D

Acq: 24 Jun 2022 16:43

Tgt Ion: 78 Resp: 437805

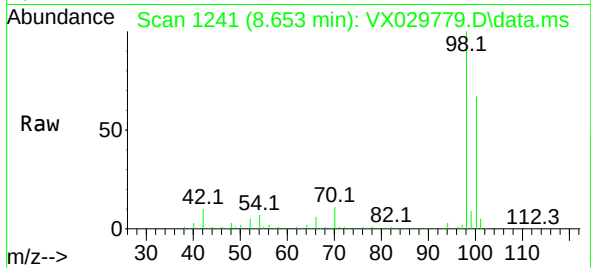
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#50
Toluene-d8
Concen: 47.556 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

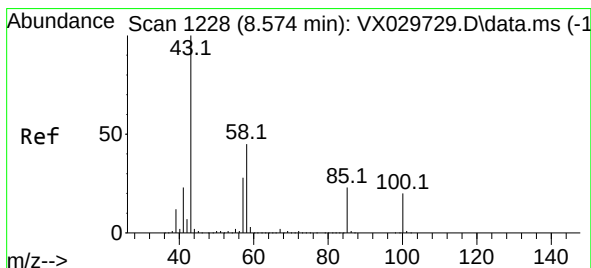
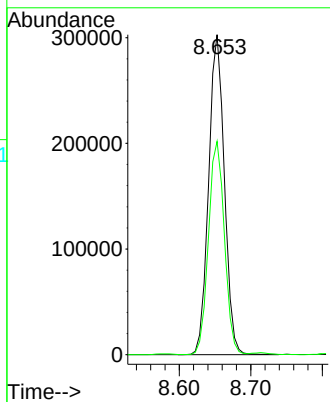
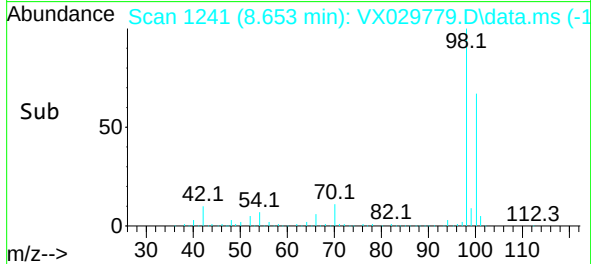
Instrument :
MSVOA_X
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MW-28DL



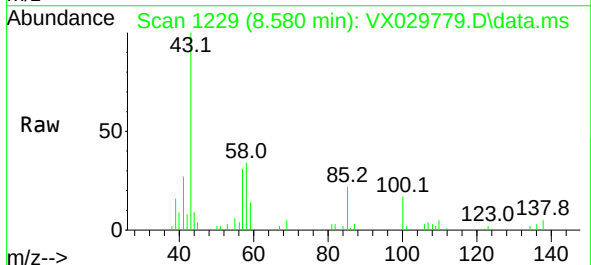
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Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8

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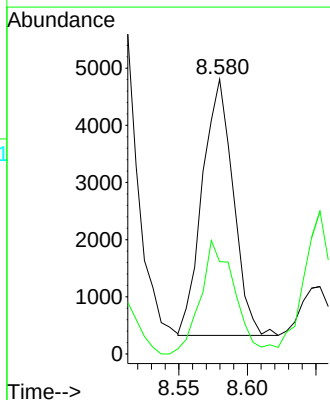
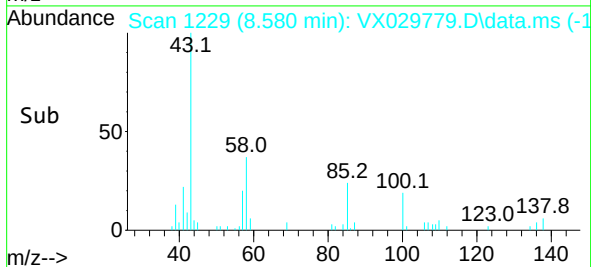
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

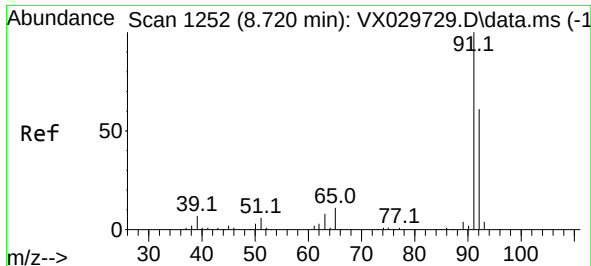


#51
4-Methyl-2-Pentanone
Concen: 1.902 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



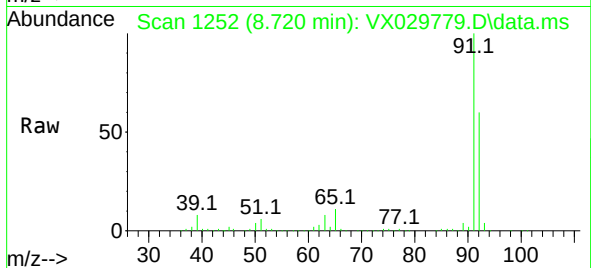
Tgt Ion: 43 Resp: 7045
Ion Ratio Lower Upper
43 100
58 47.7 36.1 54.1





#52
Toluene
Concen: 158.990 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

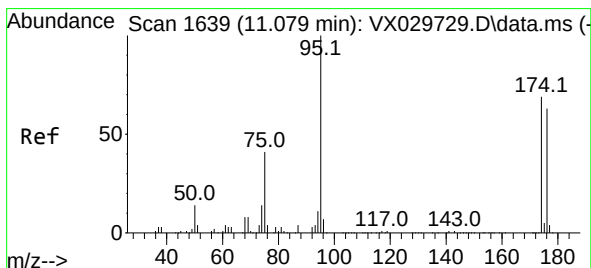
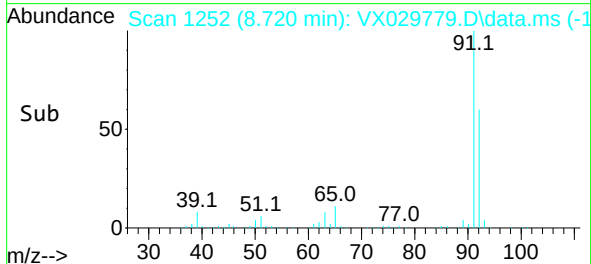
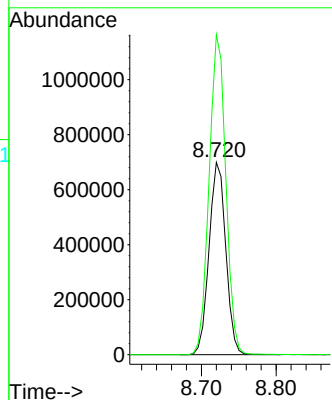
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion: 92 Resp: 108822
Ion Ratio Lower Upper
92 100
91 166.2 137.5 206.3

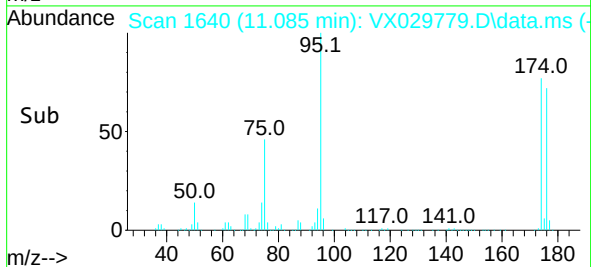
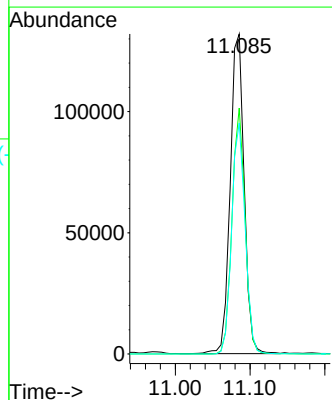
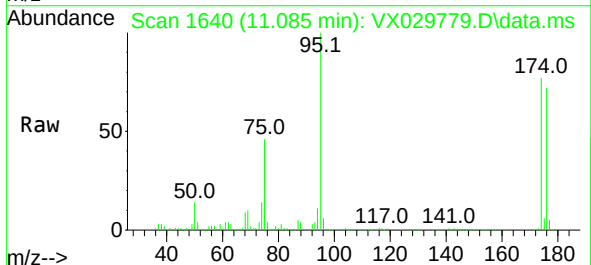
Manual Integrations
APPROVED

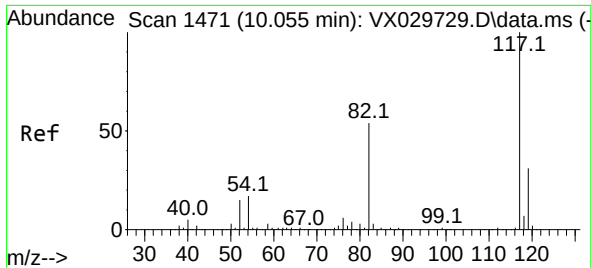
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022



#62
4-Bromofluorobenzene
Concen: 46.546 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

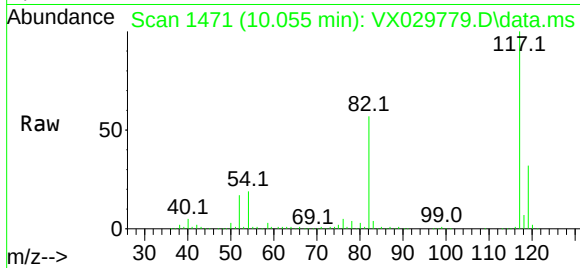
Tgt Ion: 95 Resp: 170848
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 69.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

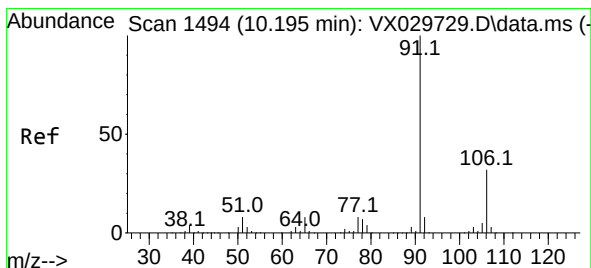
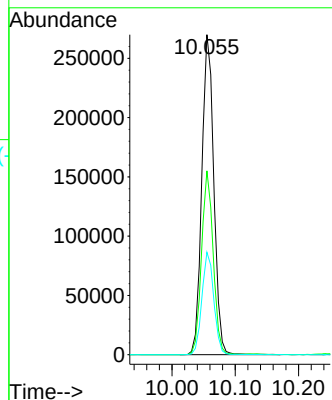
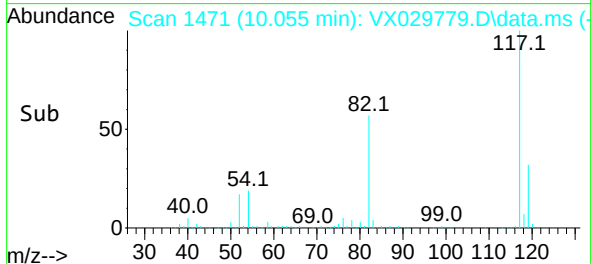
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



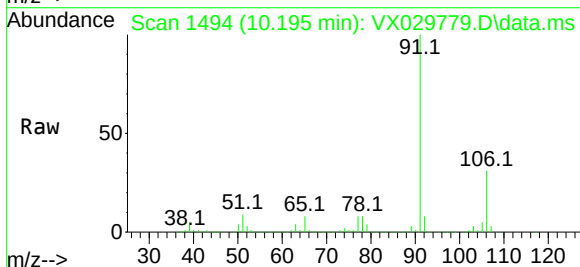
Tgt Ion: 117 Resp: 356829
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.0 24.8 37.2

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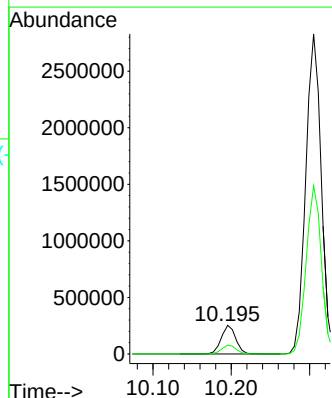
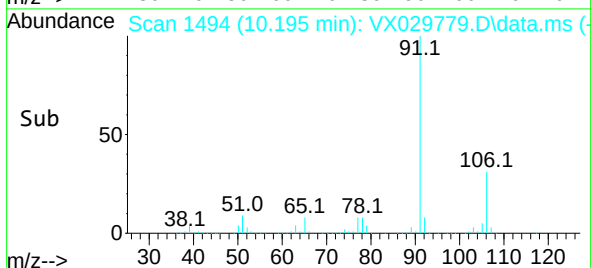
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

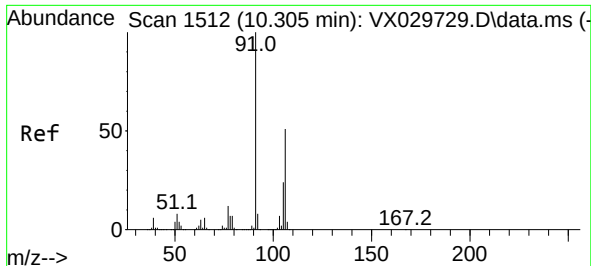


#67
Ethyl Benzene
Concen: 25.719 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



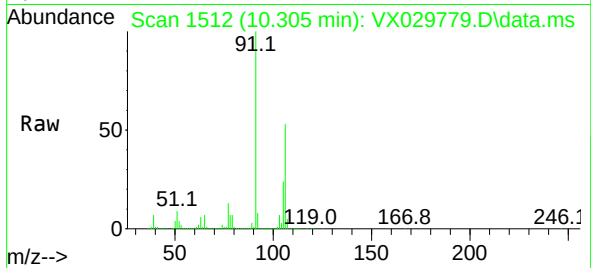
Tgt Ion: 91 Resp: 323937
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





#68
m/p-Xylenes
Concen: 406.354 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

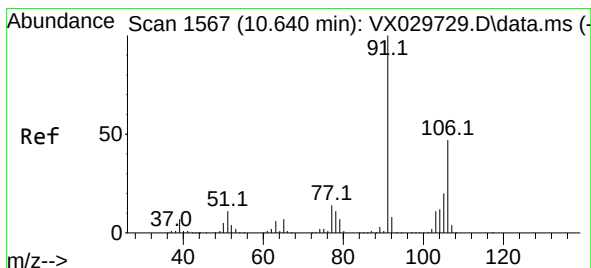
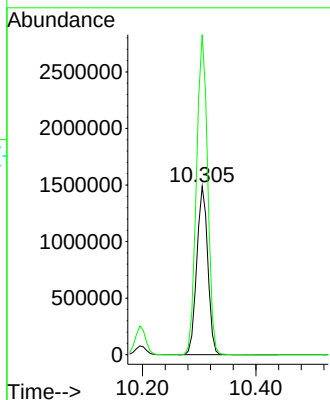
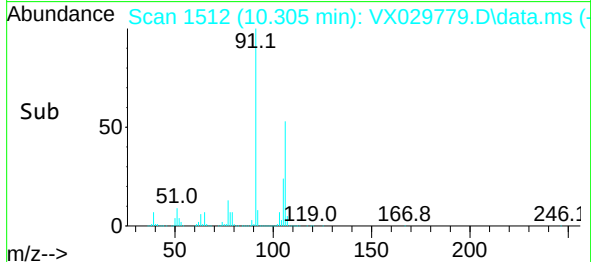
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



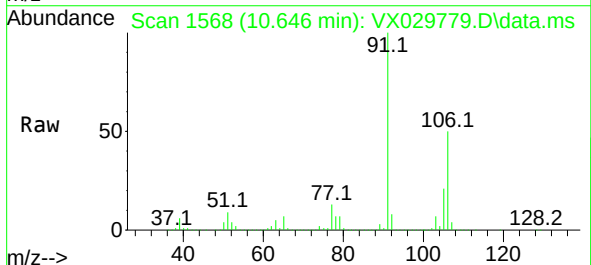
Tgt Ion:106 Resp: 1995950
Ion Ratio Lower Upper
106 100
91 194.1 160.4 240.6

Manual Integrations
APPROVED

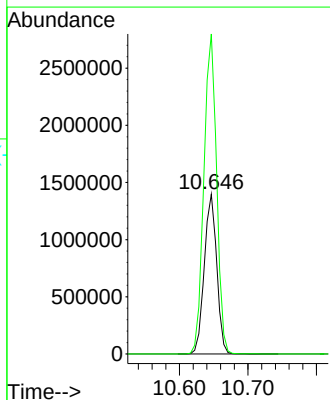
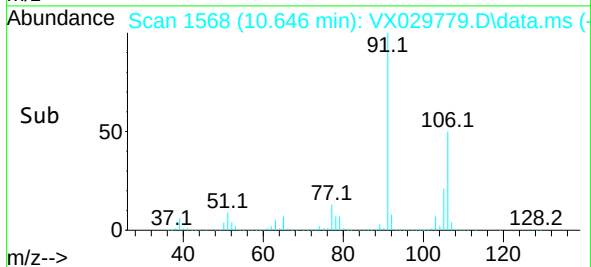
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

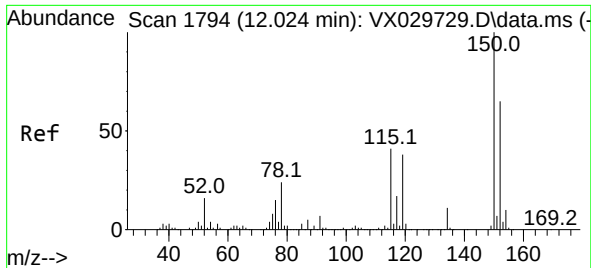


#69
o-Xylene
Concen: 364.159 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



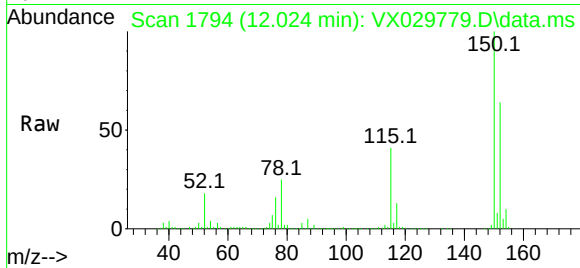
Tgt Ion:106 Resp: 1767203
Ion Ratio Lower Upper
106 100
91 204.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

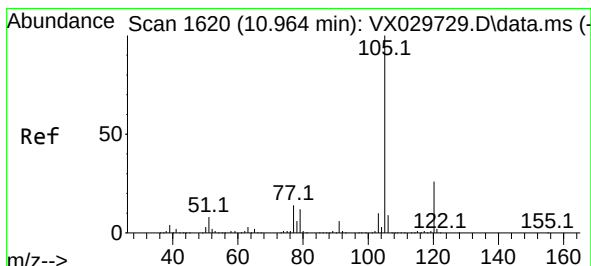
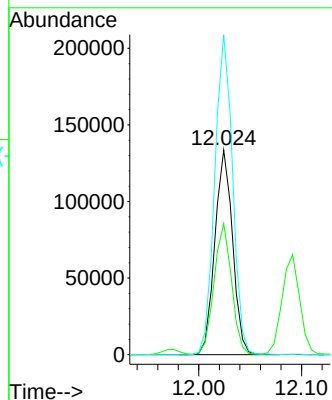
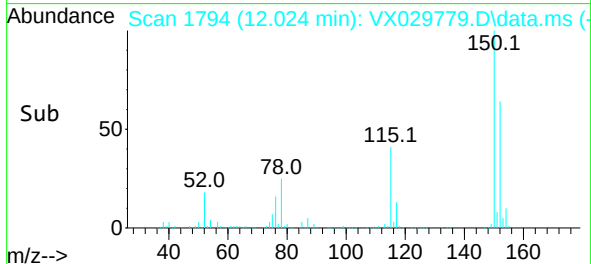
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



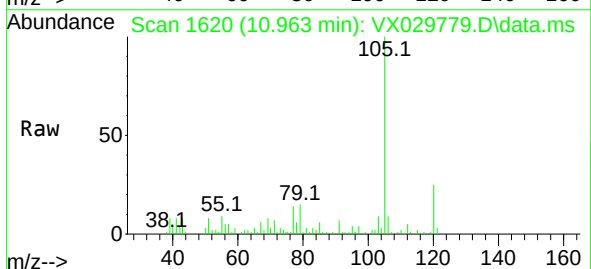
Tgt Ion:152 Resp: 159550
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 157.4 0.0 338.2

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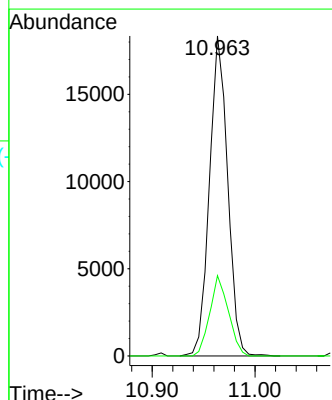
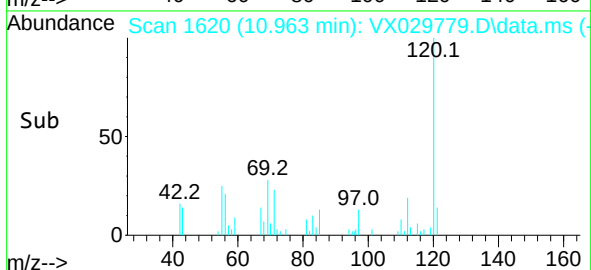
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

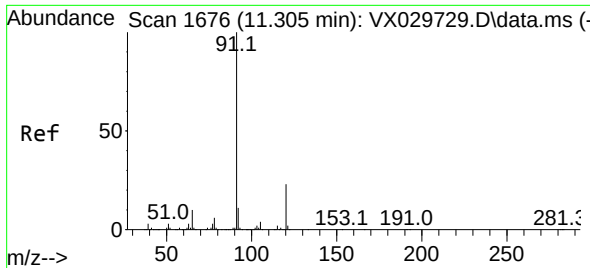


#73
Isopropylbenzene
Concen: 1.889 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



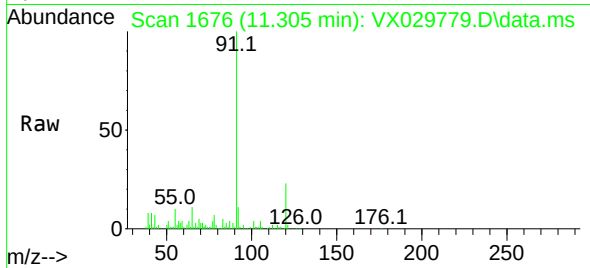
Tgt Ion:105 Resp: 22603
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5





#78
n-propylbenzene
Concen: 2.764 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

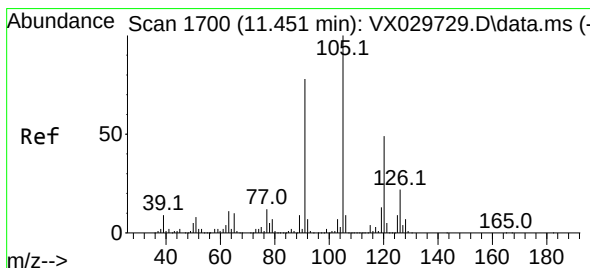
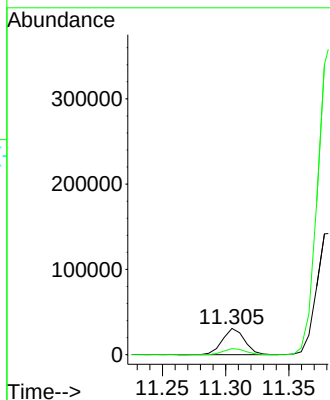
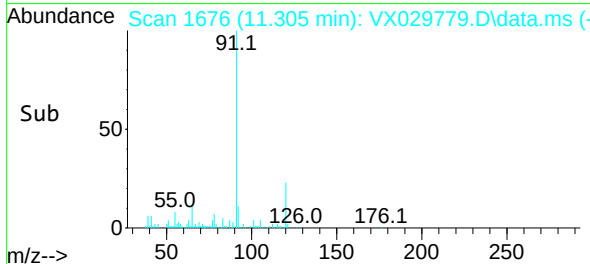
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



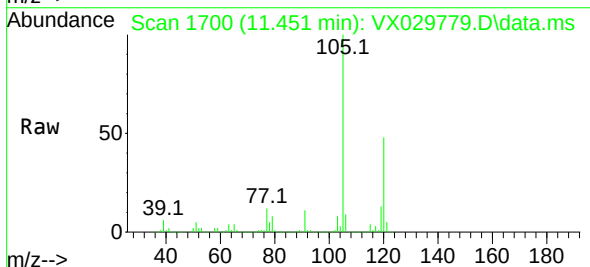
Tgt Ion: 91 Resp: 37245
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8

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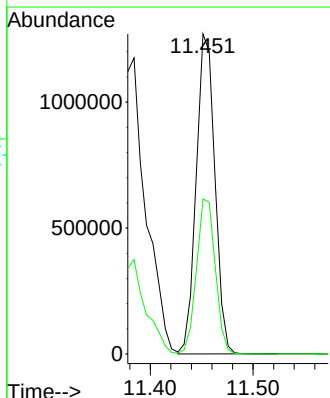
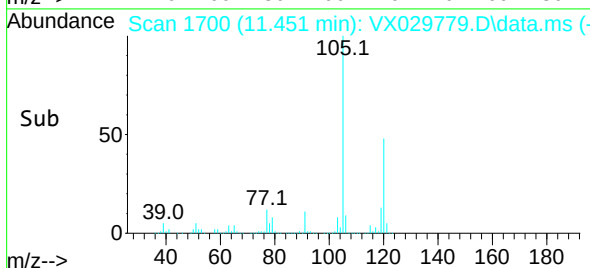
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

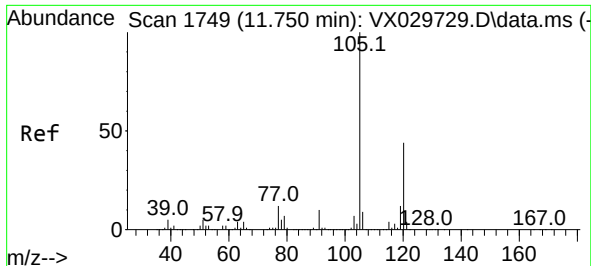


#80
1,3,5-Trimethylbenzene
Concen: 159.436 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



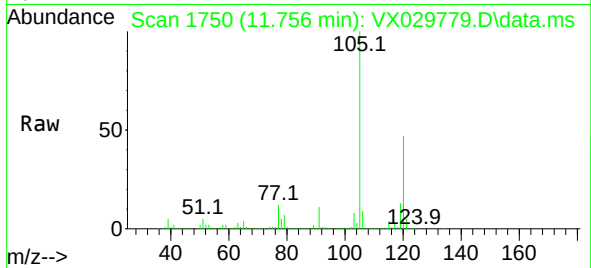
Tgt Ion:105 Resp: 1606277
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 203.516 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

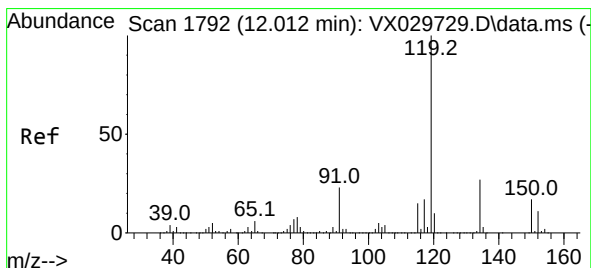
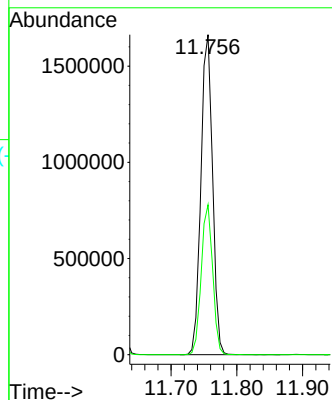
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



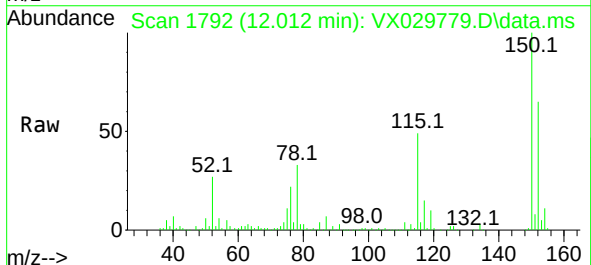
Tgt Ion:105 Resp: 204492
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.8

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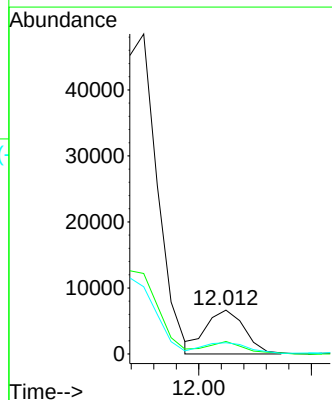
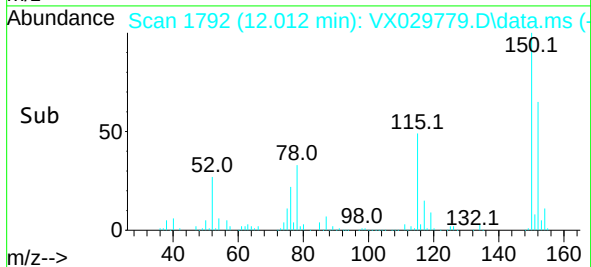
Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

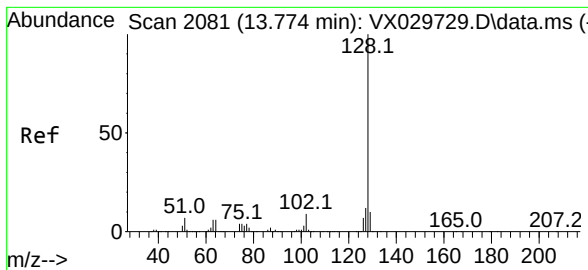


#86
p-Isopropyltoluene
Concen: 0.785 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43



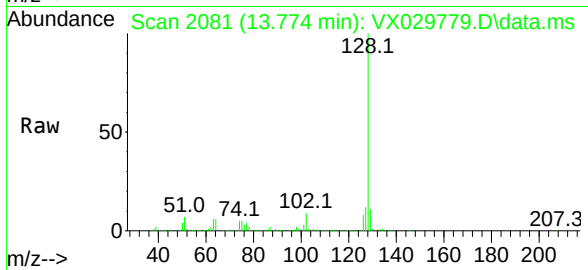
Tgt Ion:119 Resp: 7998
Ion Ratio Lower Upper
119 100
134 204.5 13.0 39.0#
91 177.7 11.3 33.9#





#95
Naphthalene
Concen: 27.195 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029779.D
Acq: 24 Jun 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion:128 Resp: 30435
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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

