

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026662.D
 Acq On : 28 Jan 2022 19:27
 Operator : JC/MD
 Sample : N1297-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: Jan 29 02:20:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	123575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80071	46.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.391	113	66048	49.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	8.653	98	238942	49.669	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.085	95	82928	48.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	13421	15.246	ug/l	94
25) 2-Butanone	4.574	43	5230	4.568	ug/l	94
31) Cyclohexane	5.483	56	131032	51.463	ug/l	97
39) Methylcyclohexane	7.385	83	110573	43.499	ug/l	97
40) Benzene	6.043	78	135063	23.187	ug/l	100
52) Toluene	8.726	92	1430092	400.357	ug/l	98
67) Ethyl Benzene	10.201	91	3006355	441.158	ug/l	96
68) m/p-Xylenes	10.311	106	3535951	1386.506	ug/l	89
69) o-Xylene	10.646	106	1497925	608.709	ug/l	94
73) Isopropylbenzene	10.963	105	197422	30.358	ug/l	99
78) n-propylbenzene	11.305	91	565696	76.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	997869	186.124	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2897183	540.280	ug/l	95
86) p-Isopropyltoluene	12.012	119	16704m	3.076	ug/l	
95) Naphthalene	13.780	128	890970	157.879	ug/l	99

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

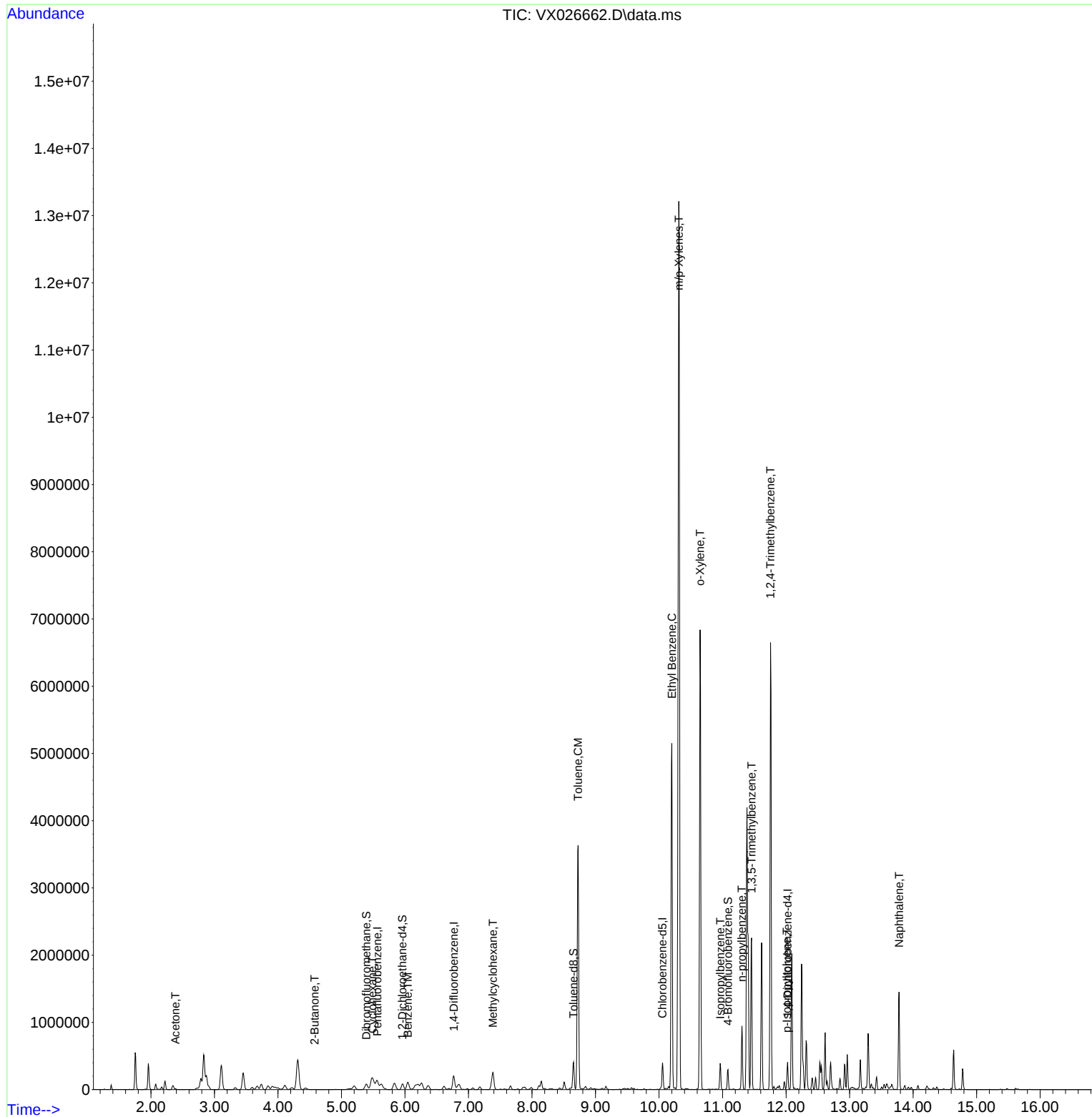
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
Data File : VX026662.D
Acq On : 28 Jan 2022 19:27
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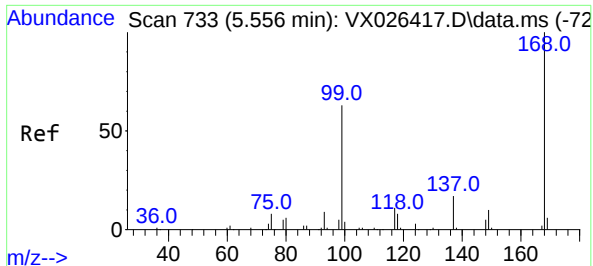
Instrument :
MSVOA_X
ClientSampleId :
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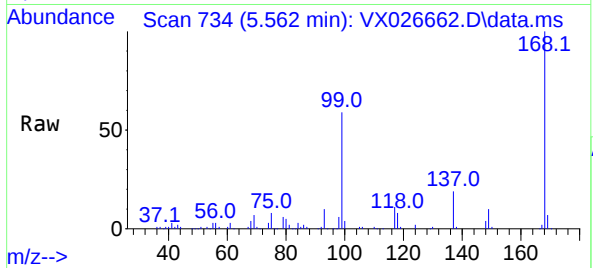
Quant Time: Jan 29 02:20:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

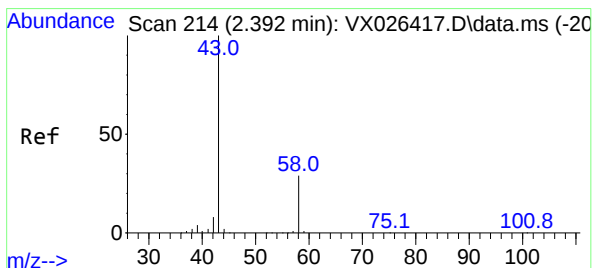
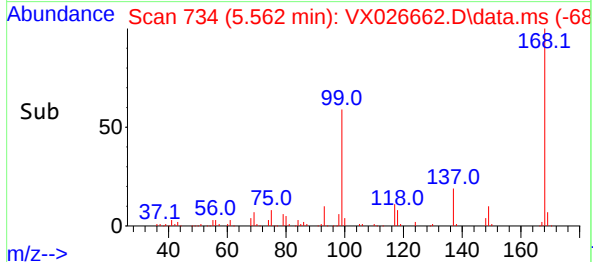
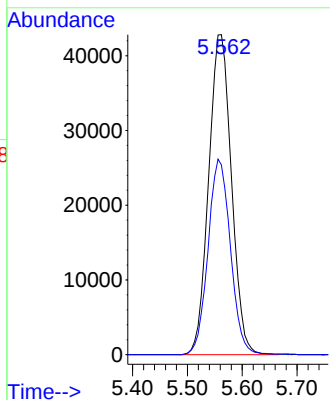
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion:168 Resp: 12357
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5

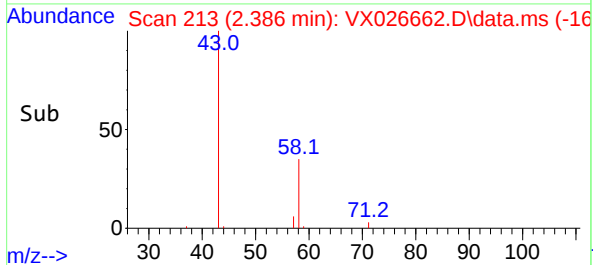
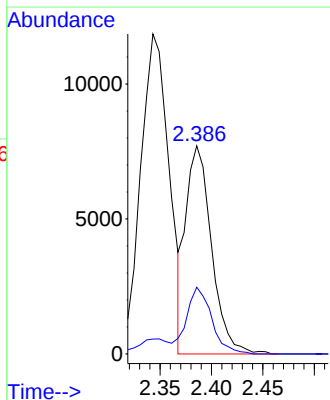
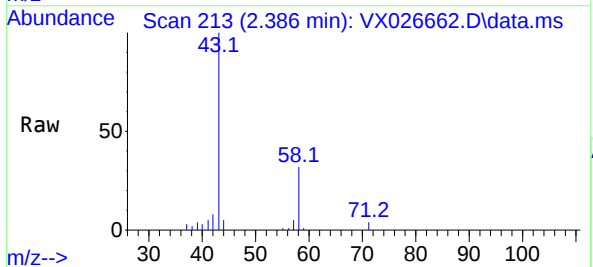
Manual Integrations
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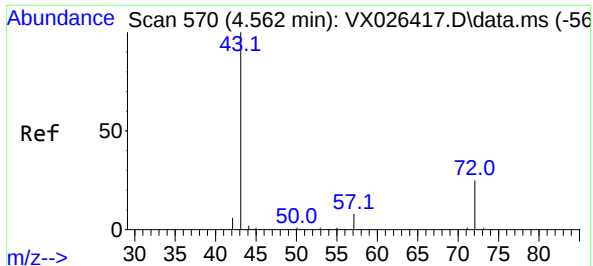
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#16
Acetone
Concen: 15.246 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Tgt Ion: 43 Resp: 13421
Ion Ratio Lower Upper
43 100
58 32.0 23.0 34.6





#25

2-Butanone

Concen: 4.568 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026662.D

Acq: 28 Jan 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 43 Resp: 5230

Ion Ratio Lower Upper

43 100

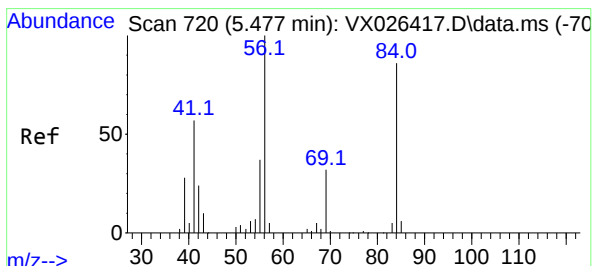
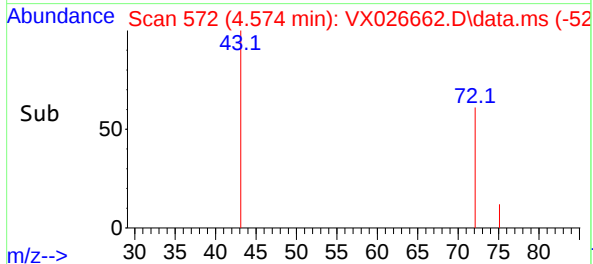
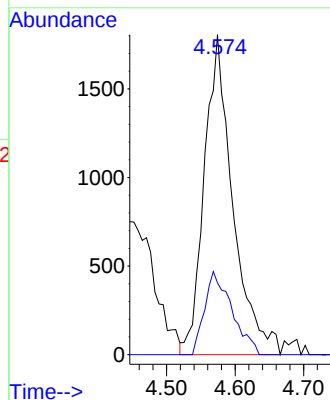
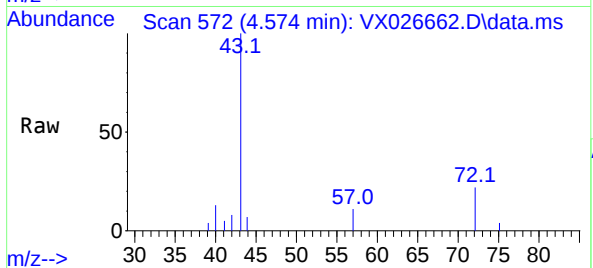
72 22.5 20.4 30.6

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#31

Cyclohexane

Concen: 51.463 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.006 min

Lab File: VX026662.D

Acq: 28 Jan 2022 19:27

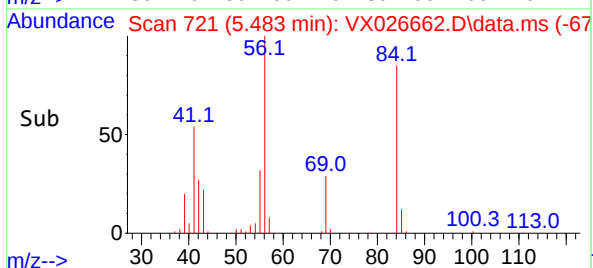
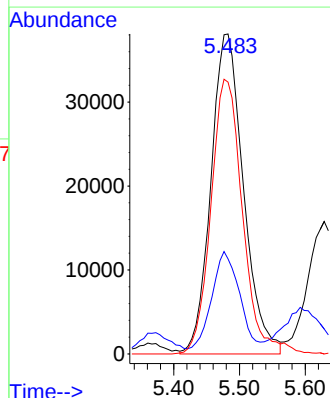
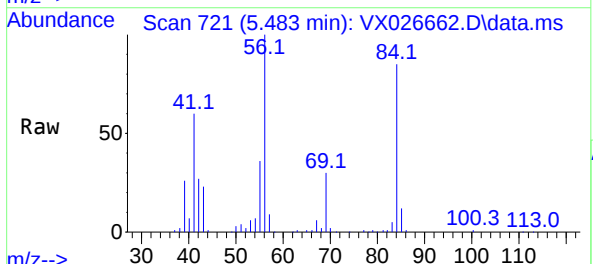
Tgt Ion: 56 Resp: 131032

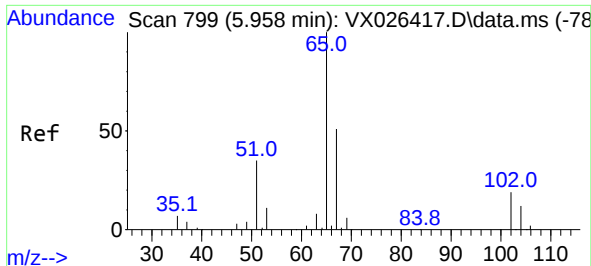
Ion Ratio Lower Upper

56 100

69 27.3 25.8 38.6

84 85.4 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026662.D

Acq: 28 Jan 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 65 Resp: 8007

Ion Ratio Lower Upper

65 100

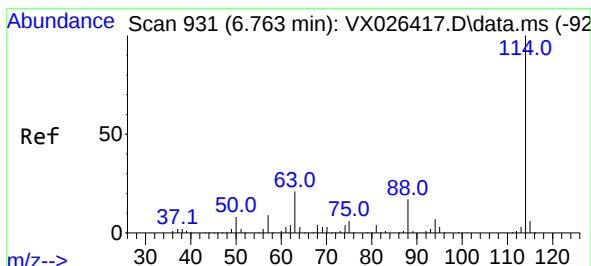
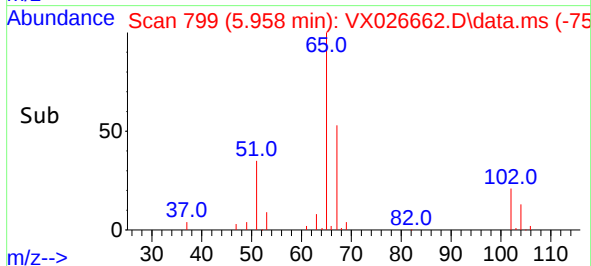
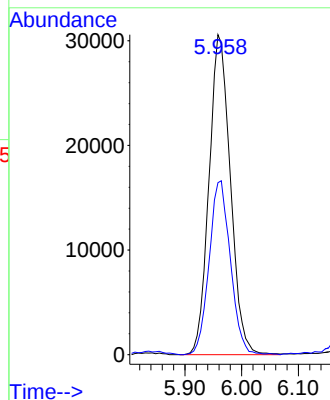
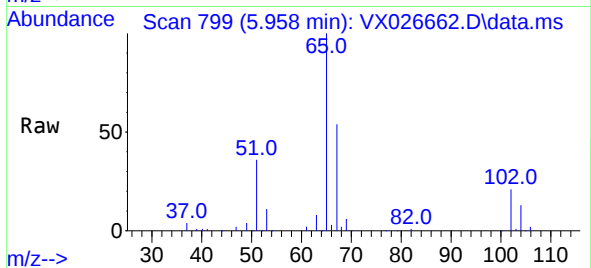
67 54.0 0.0 100.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026662.D

Acq: 28 Jan 2022 19:27

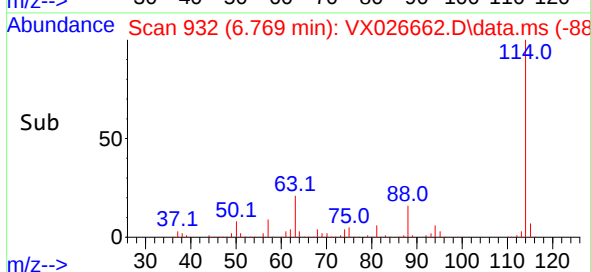
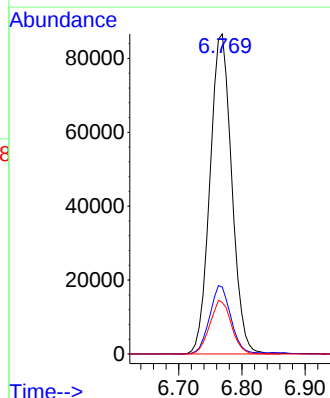
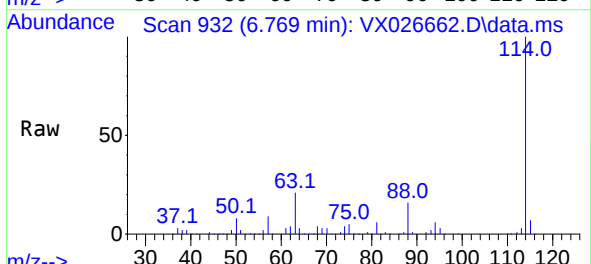
Tgt Ion:114 Resp: 206725

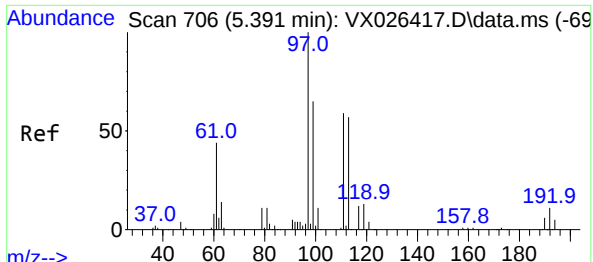
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

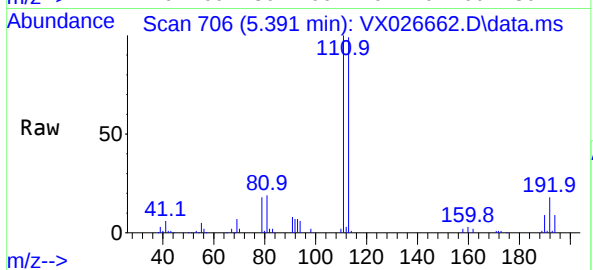
88 16.1 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.475 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

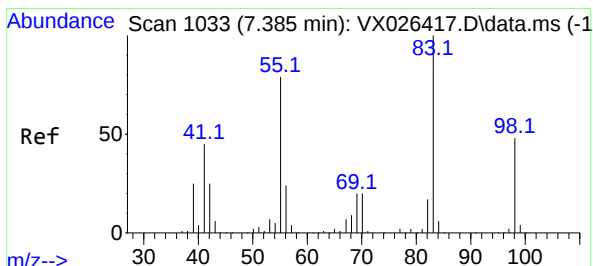
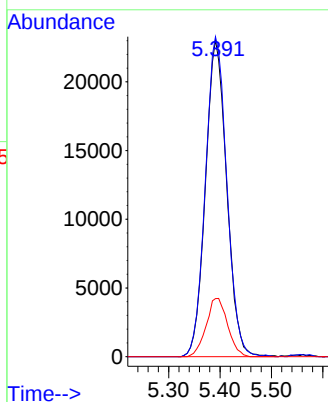
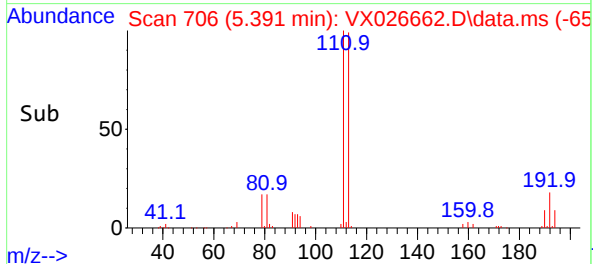
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



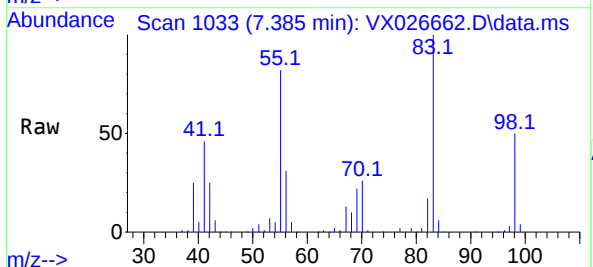
Tgt Ion: 113 Resp: 66048
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.6 15.0 22.4

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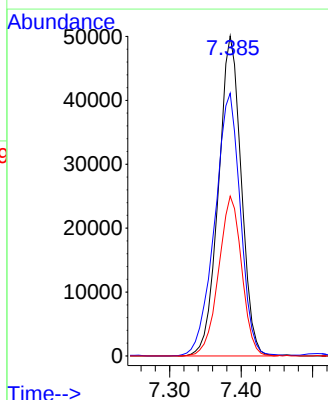
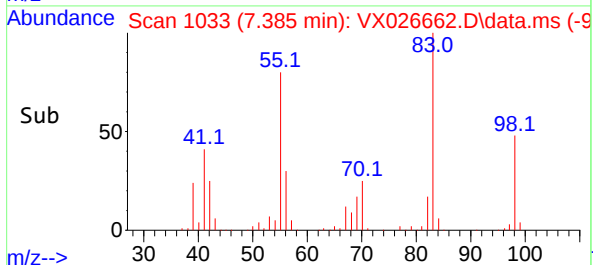
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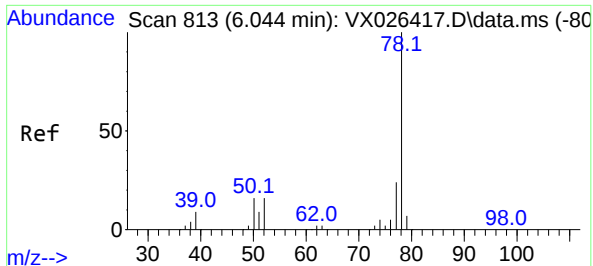


#39
Methylcyclohexane
Concen: 43.499 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27



Tgt Ion: 83 Resp: 110573
Ion Ratio Lower Upper
83 100
55 82.0 63.6 95.4
98 49.9 38.4 57.6





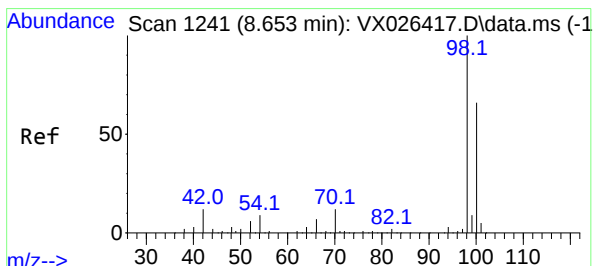
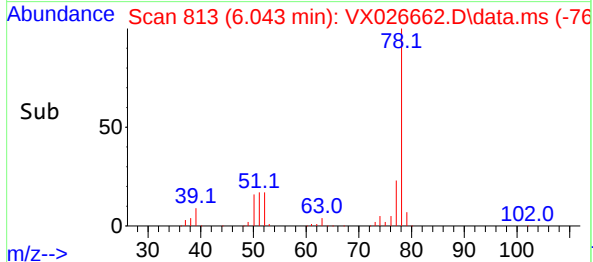
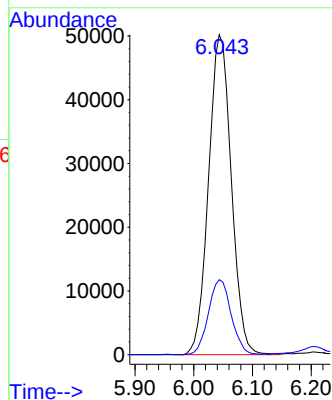
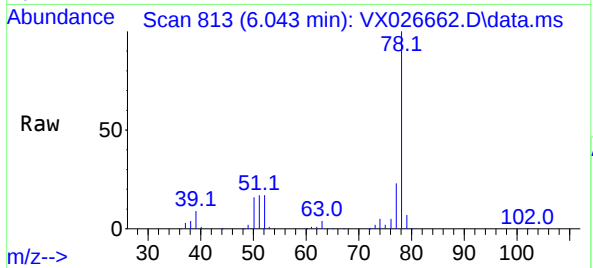
#40
Benzene
Concen: 23.187 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 78 Resp: 135063
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

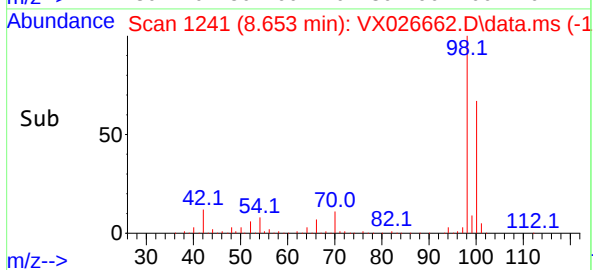
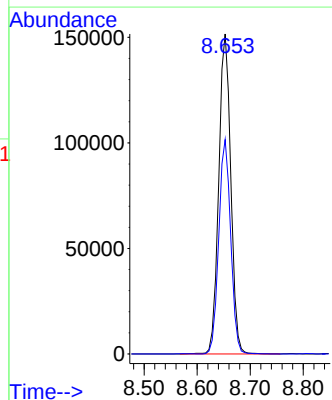
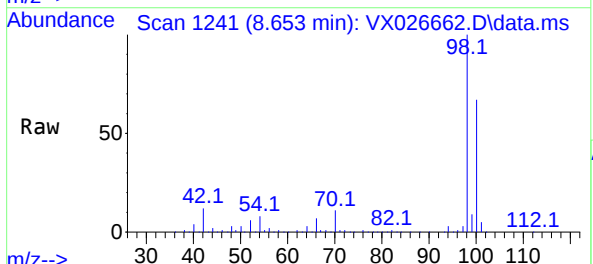
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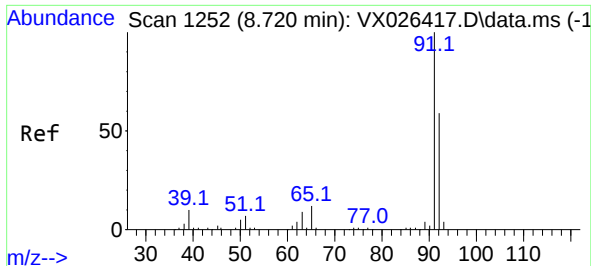
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#50
Toluene-d8
Concen: 49.669 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Tgt Ion: 98 Resp: 238942
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8





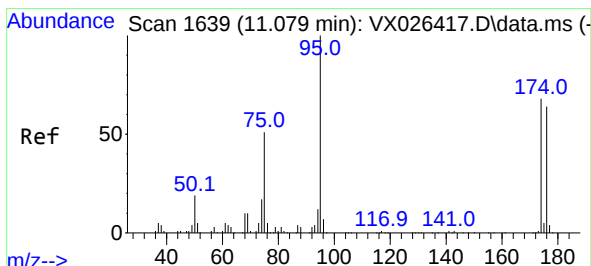
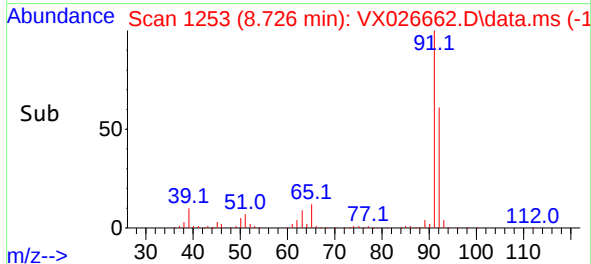
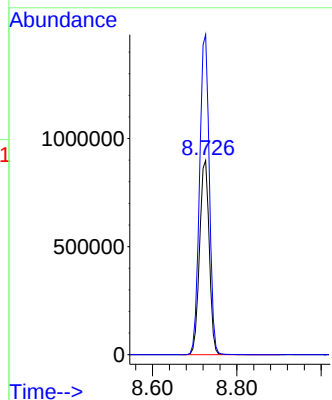
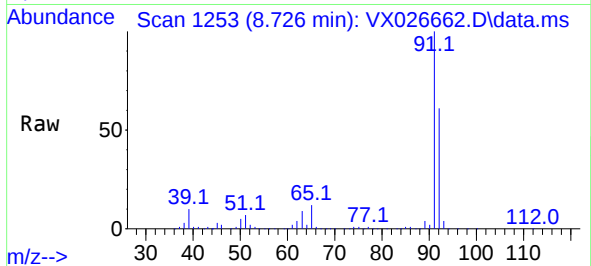
#52
Toluene
Concen: 400.357 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 92 Resp: 1430092
Ion Ratio Lower Upper
92 100
91 166.5 135.7 203.5

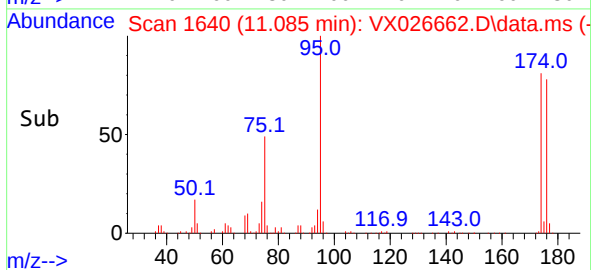
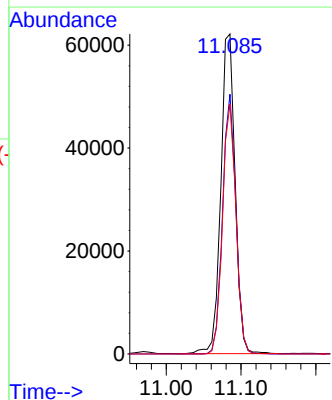
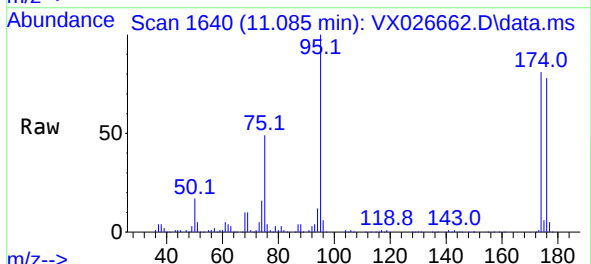
Manual Integrations
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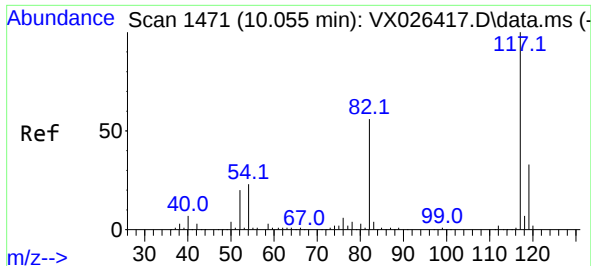
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#62
4-Bromofluorobenzene
Concen: 48.527 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

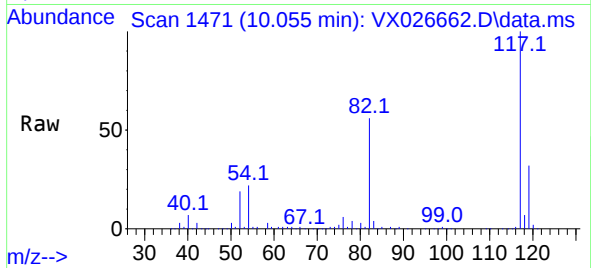
Tgt Ion: 95 Resp: 82928
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

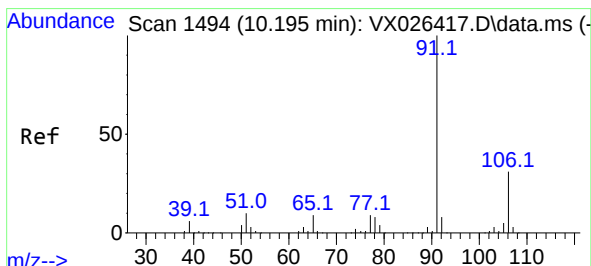
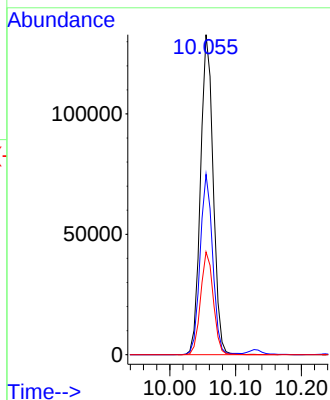
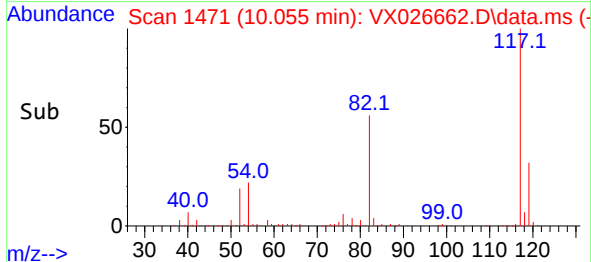
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



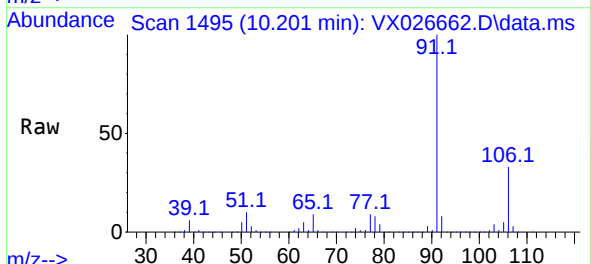
Tgt Ion: 117 Resp: 178072
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.1 26.2 39.2

Manual Integrations
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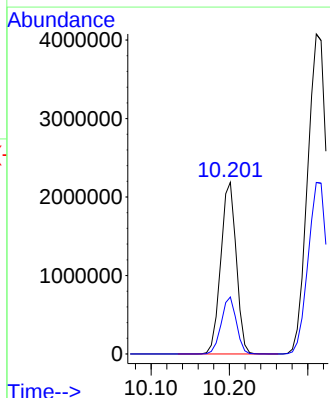
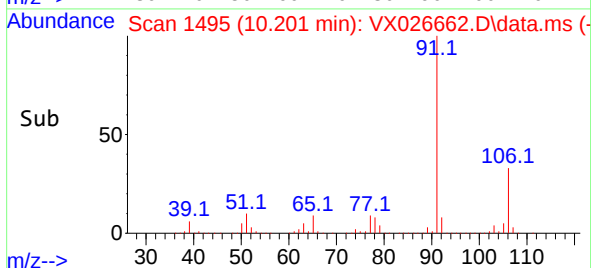
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

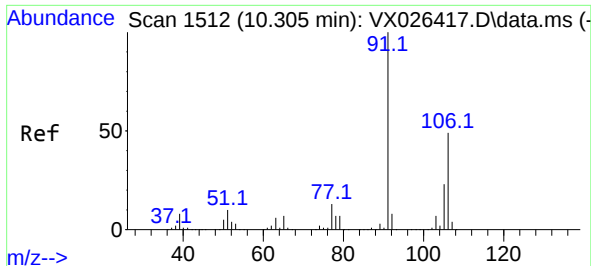


#67
Ethyl Benzene
Concen: 441.158 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27



Tgt Ion: 91 Resp: 3006355
Ion Ratio Lower Upper
91 100
106 33.1 24.7 37.1





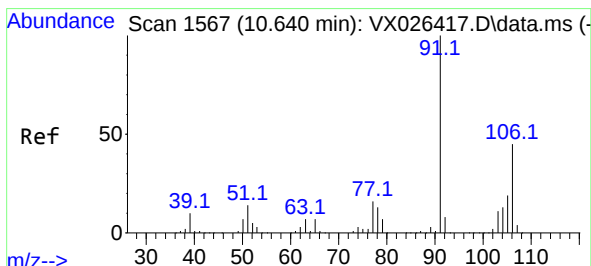
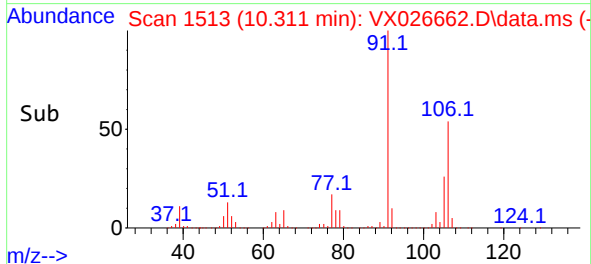
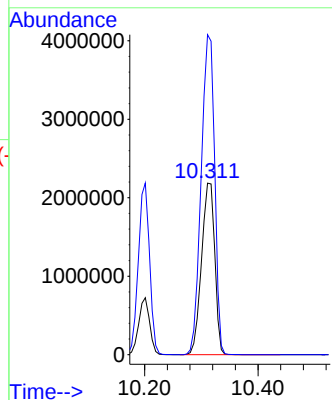
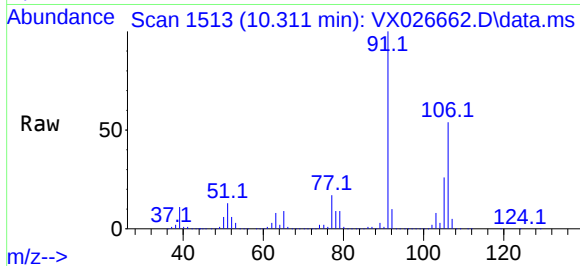
#68
m/p-Xylenes
Concen: 1386.506 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion:106 Resp: 353595
Ion Ratio Lower Upper
106 100
91 190.2 165.3 247.9

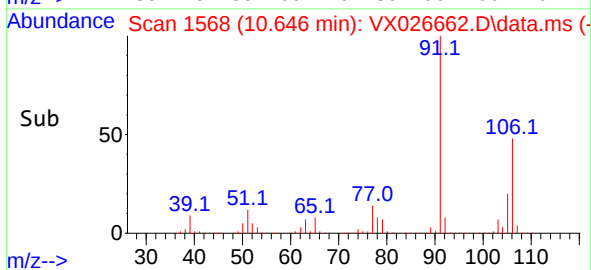
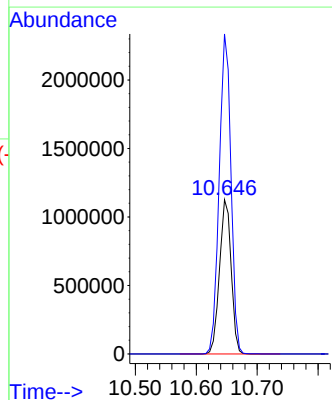
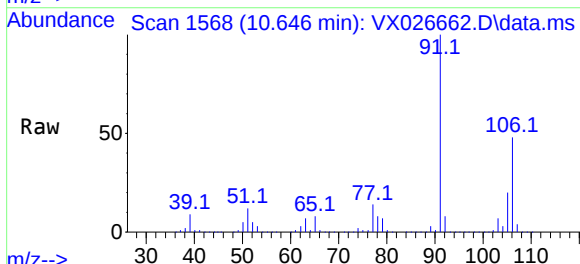
Manual Integrations
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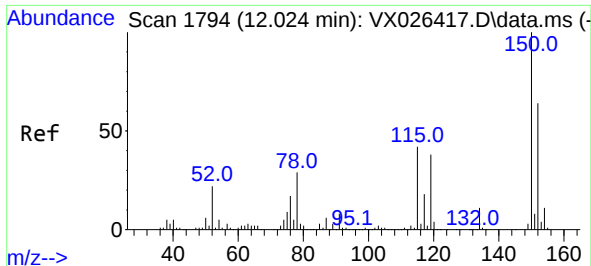
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#69
o-Xylene
Concen: 608.709 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

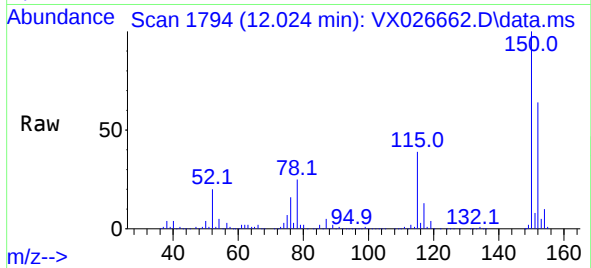
Tgt Ion:106 Resp: 1497925
Ion Ratio Lower Upper
106 100
91 209.1 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

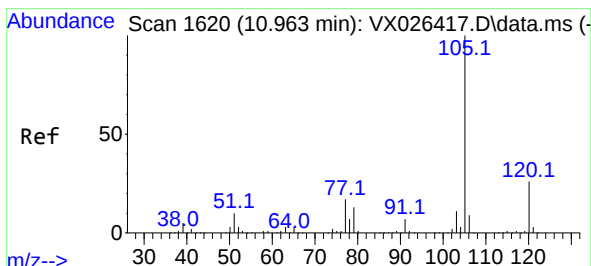
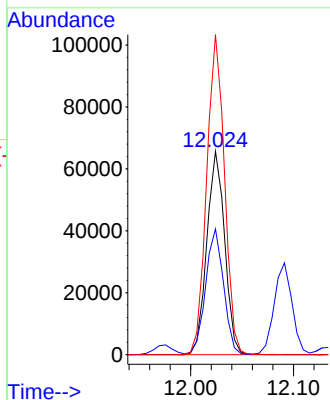
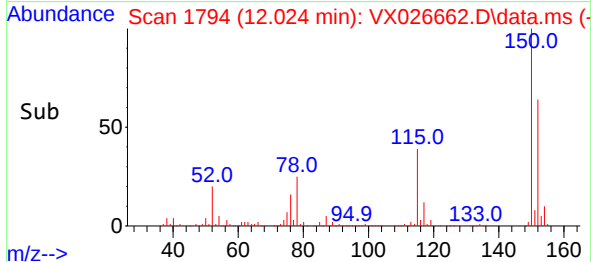
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



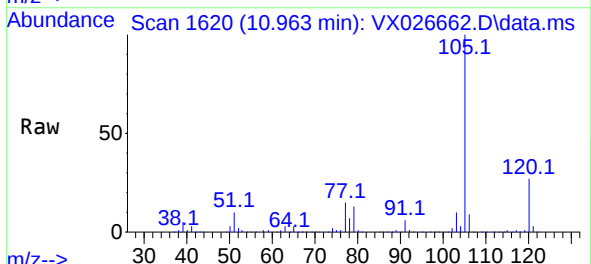
Tgt Ion:152 Resp: 79336
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 156.5 0.0 348.2

Manual Integrations
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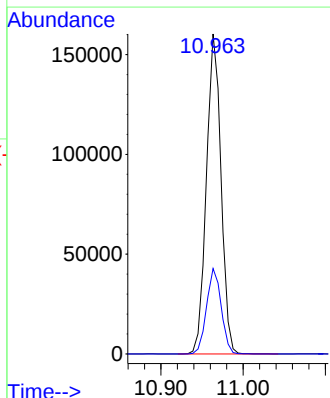
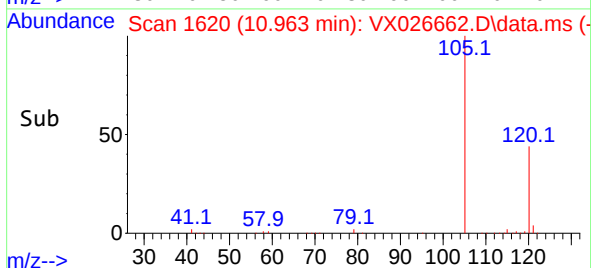
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

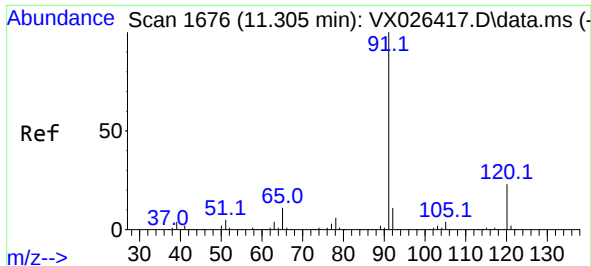


#73
Isopropylbenzene
Concen: 30.358 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27



Tgt Ion:105 Resp: 197422
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





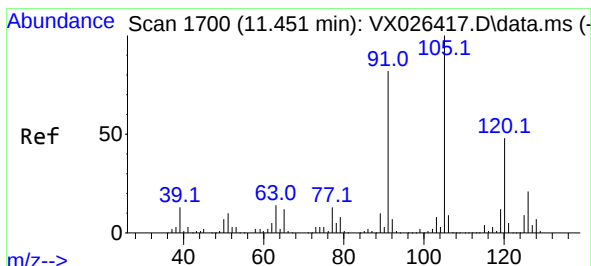
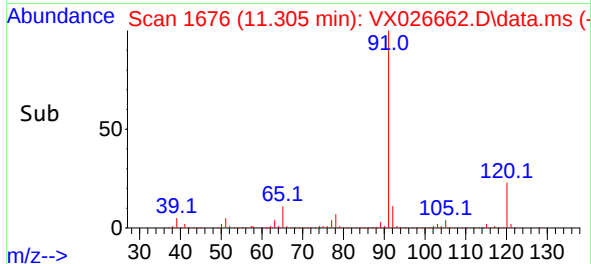
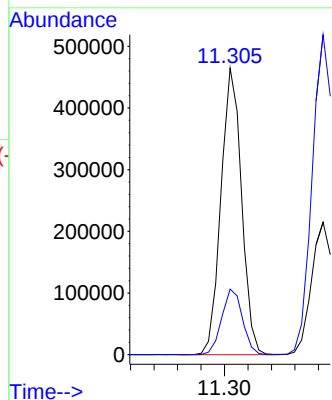
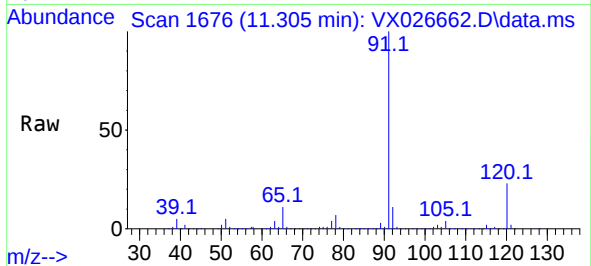
#78
n-propylbenzene
Concen: 76.283 ug/l
RT: 11.305 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 91 Resp: 565690
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.7

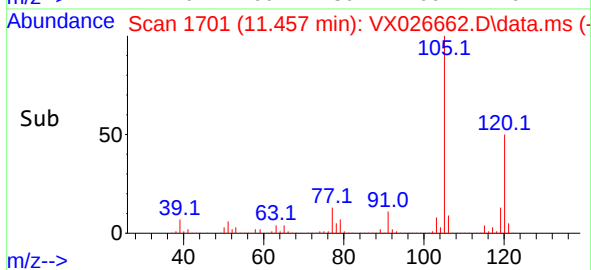
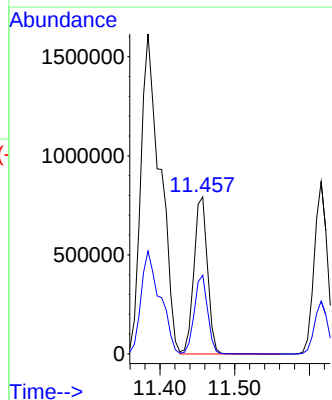
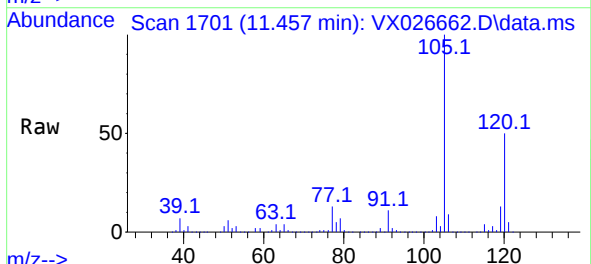
Manual Integrations
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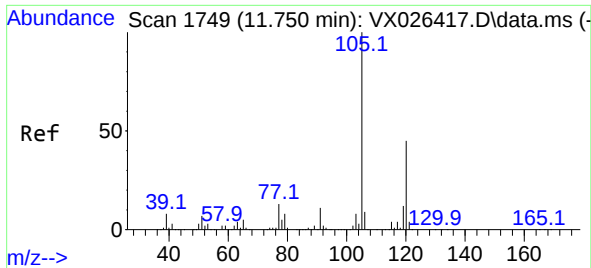
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 186.124 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Tgt Ion:105 Resp: 997869
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0





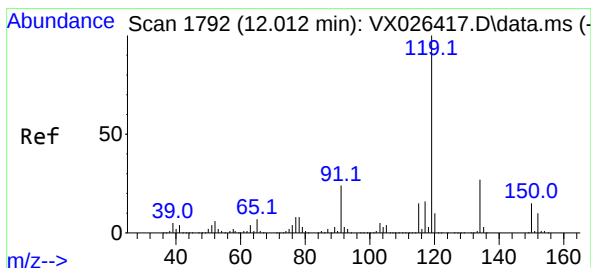
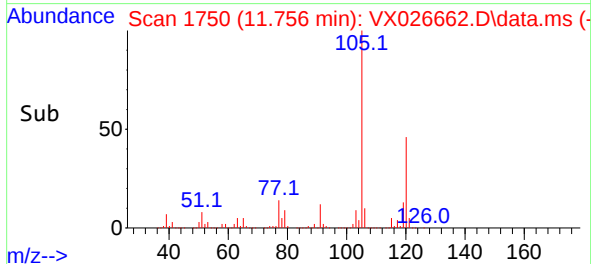
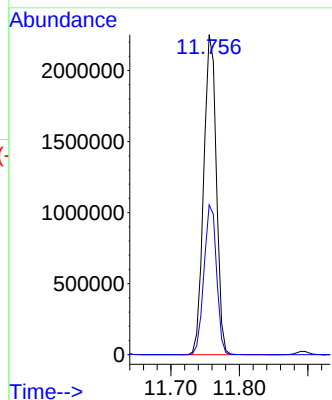
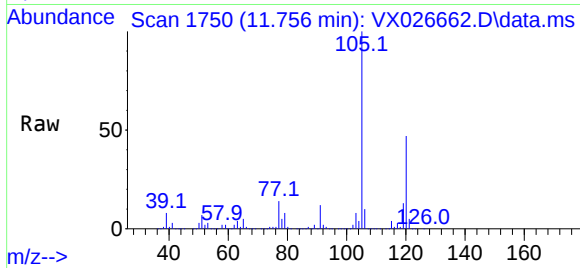
#84
1,2,4-Trimethylbenzene
Concen: 540.280 ug/l
RT: 11.756 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion:105 Resp: 289718
Ion Ratio Lower Upper
105 100
120 46.7 21.9 65.5

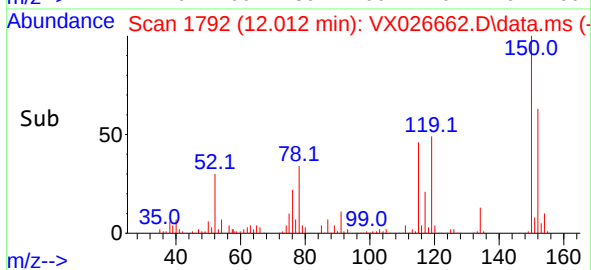
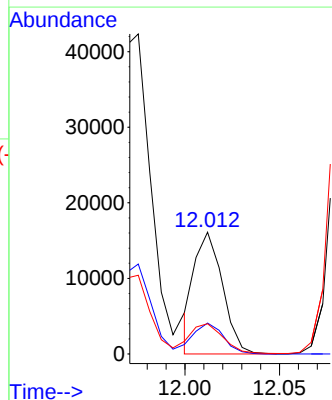
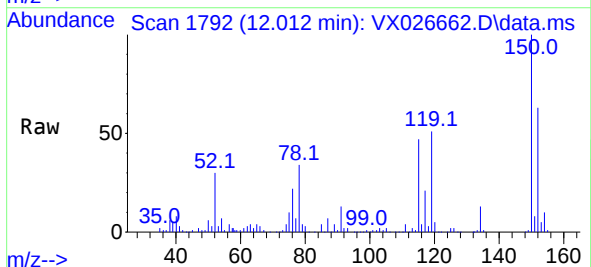
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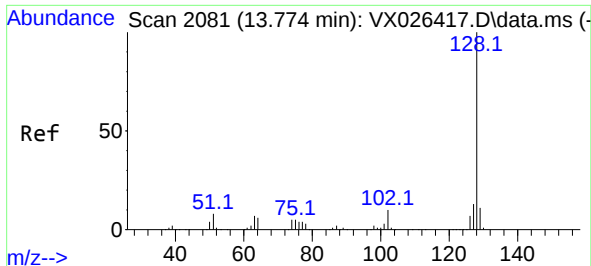
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#86
p-Isopropyltoluene
Concen: 3.076 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

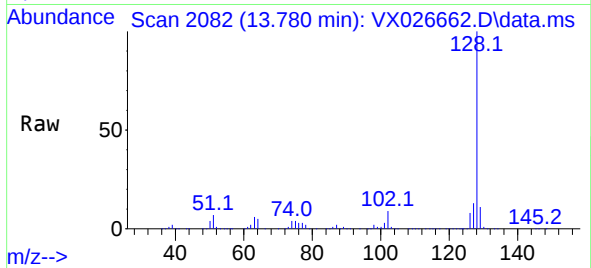
Tgt Ion:119 Resp: 16704
Ion Ratio Lower Upper
119 100
134 87.7 13.0 39.0#
91 77.8 12.6 37.6#





#95
Naphthalene
Concen: 157.879 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026662.D
Acq: 28 Jan 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion:128 Resp: 890970
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

