

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027057.D
 Acq On : 16 Feb 2022 18:11
 Operator : JC/MD
 Sample : N1575-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 07:15:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

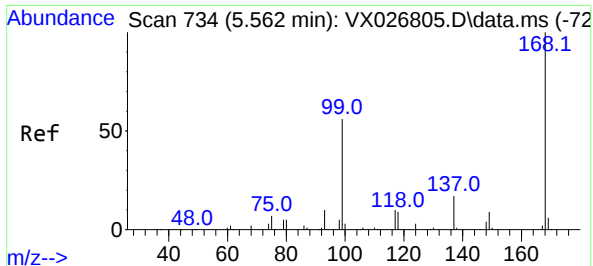
Internal Standards						
1) Pentafluorobenzene	5.556	168	109651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67232	51.078	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.160%			
35) Dibromofluoromethane	5.391	113	55870	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.653	98	214797	54.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.180%			
62) 4-Bromofluorobenzene	11.085	95	75126	54.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	11196	19.367	ug/l	97
25) 2-Butanone	4.562	43	3454	3.708	ug/l	93
31) Cyclohexane	5.477	56	129390	61.867	ug/l	95
37) Ethyl Acetate	4.721	43	14583	7.588	ug/l	100
39) Methylcyclohexane	7.385	83	53954	26.017	ug/l	96
40) Benzene	6.044	78	1059051	214.883	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	2449	1.367	ug/l	96
52) Toluene	8.720	92	607628	194.730	ug/l	99
67) Ethyl Benzene	10.201	91	3212628	520.170	ug/l	96
68) m/p-Xylenes	10.317	106	4474891	1883.194	ug/l	89
69) o-Xylene	10.653	106	1945860	835.708	ug/l	93
73) Isopropylbenzene	10.963	105	303735	51.882	ug/l	99
78) n-propylbenzene	11.305	91	846853	130.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1195429	248.100	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	3649296	750.875	ug/l	95
86) p-Isopropyltoluene	12.012	119	12553m	2.545	ug/l	
95) Naphthalene	13.780	128	859336	157.992	ug/l	100

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

Manual Integrations

Quant Time: Feb 17 07:15:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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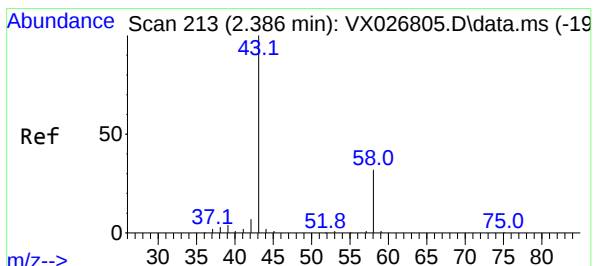
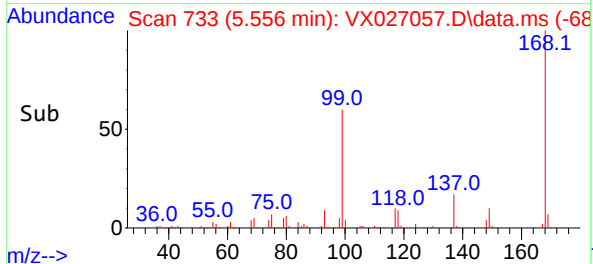
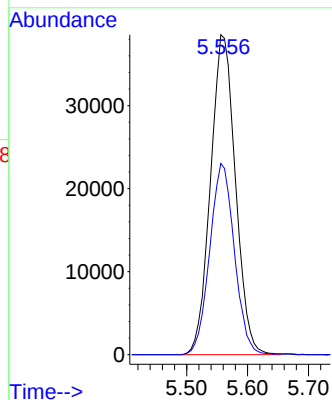
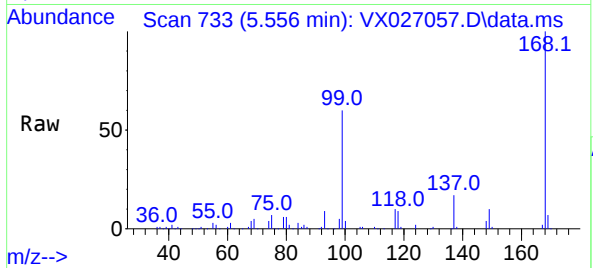
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-14R

Tgt Ion:168 Resp: 10965
Ion Ratio Lower Upper
168 100
99 59.7 50.3 75.5

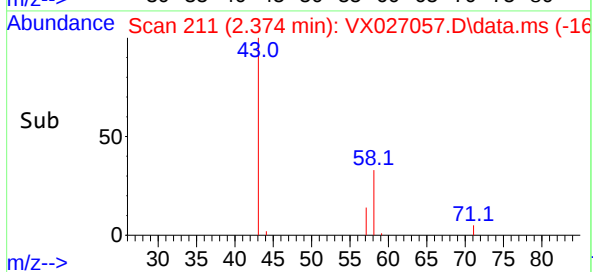
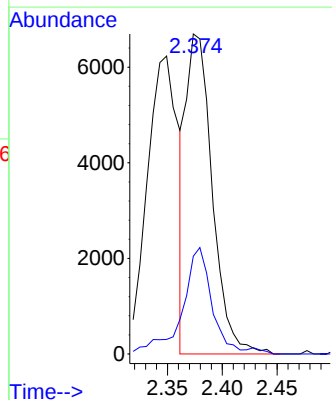
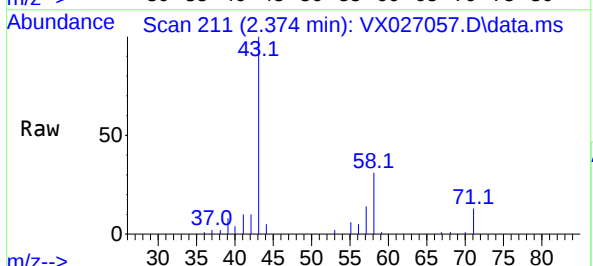
Manual Integrations
APPROVED

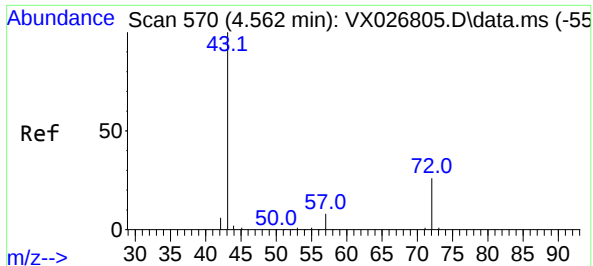
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 19.367 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

Tgt Ion: 43 Resp: 11196
Ion Ratio Lower Upper
43 100
58 30.5 23.0 34.6





#25

2-Butanone

Concen: 3.708 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

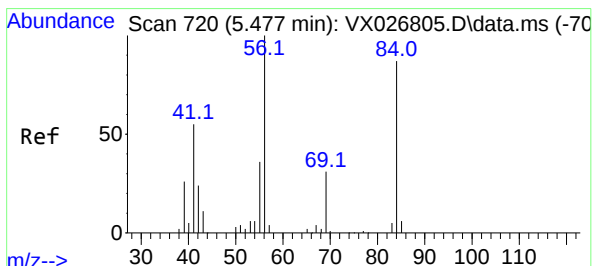
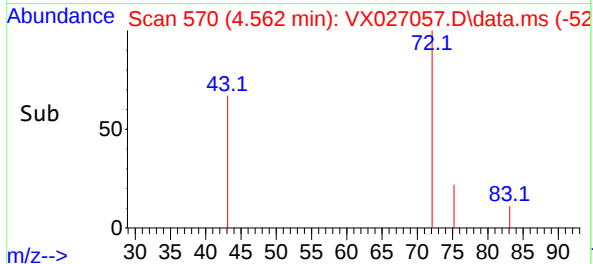
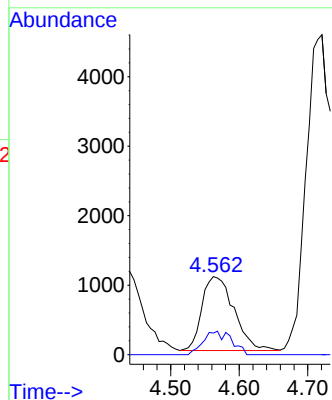
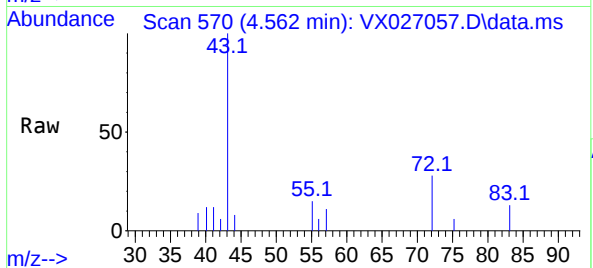
72 29.3 20.4 30.6

Manual Integrations

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#31

Cyclohexane

Concen: 61.867 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

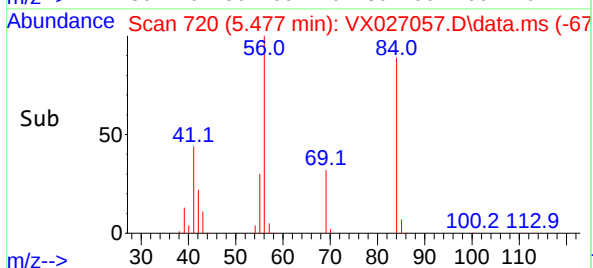
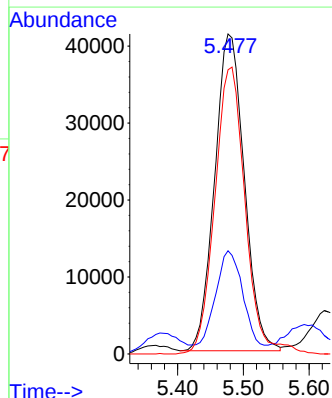
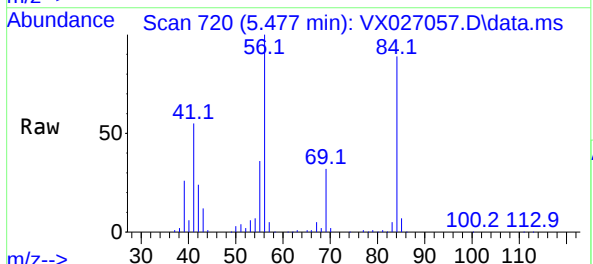
Tgt Ion: 56 Resp: 129390

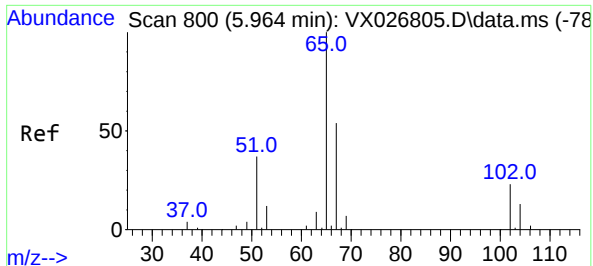
Ion Ratio Lower Upper

56 100

69 28.4 25.8 38.6

84 89.4 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 51.078 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

Tgt Ion: 65 Resp: 6723

Ion Ratio Lower Upper

65 100

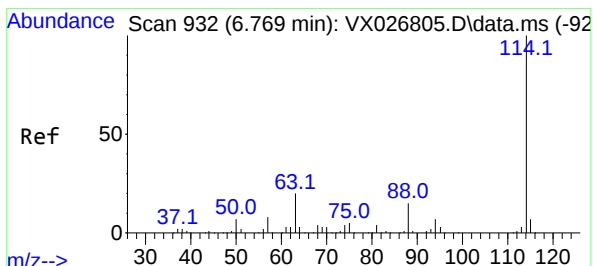
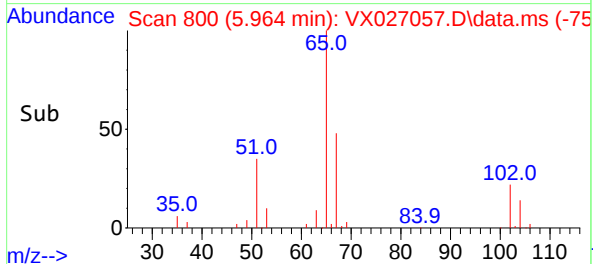
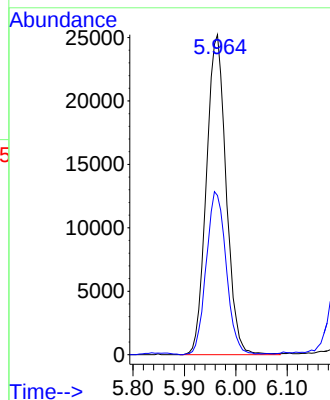
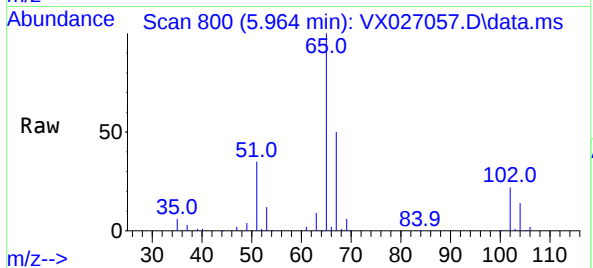
67 51.6 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

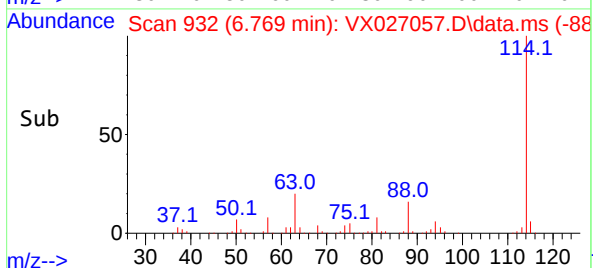
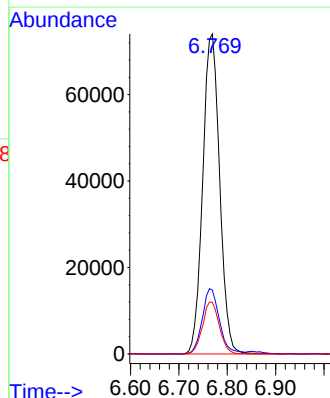
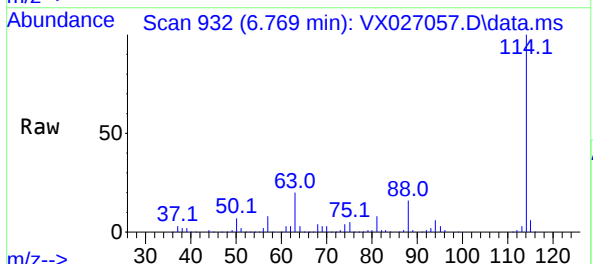
Tgt Ion:114 Resp: 179922

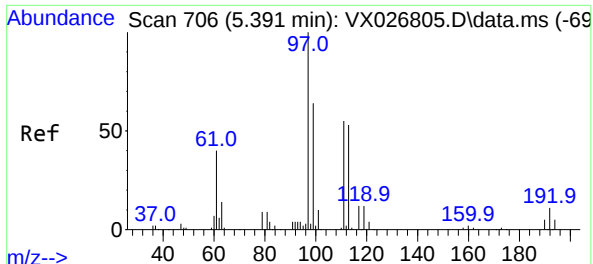
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.121 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

Tgt Ion: 113 Resp: 55870

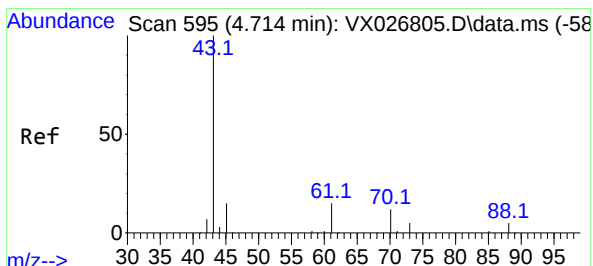
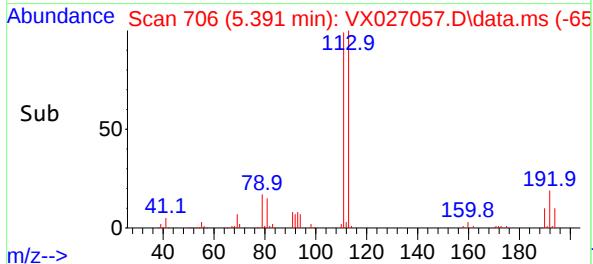
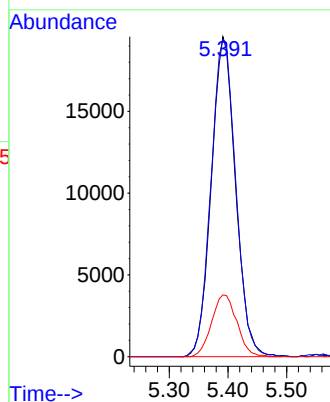
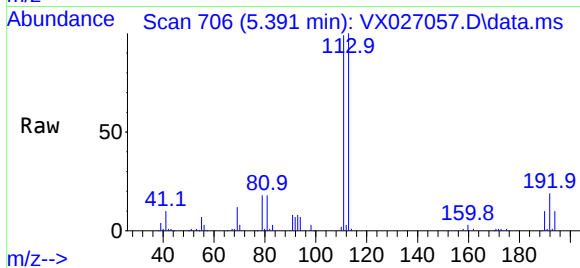
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	20.2	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#37

Ethyl Acetate

Concen: 7.588 ug/l

RT: 4.721 min Scan# 596

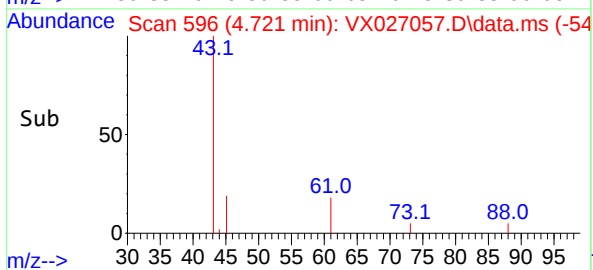
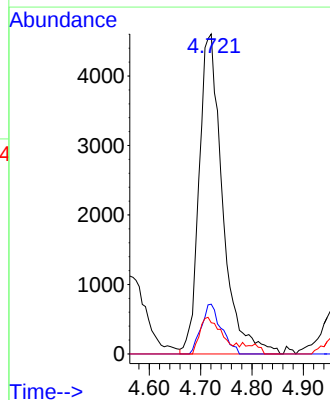
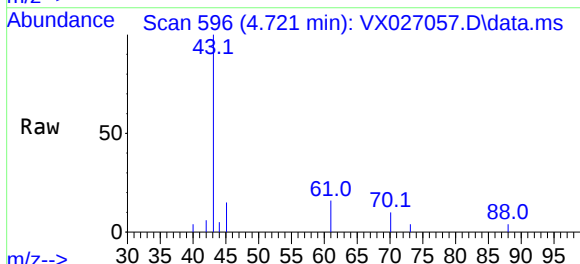
Delta R.T. 0.006 min

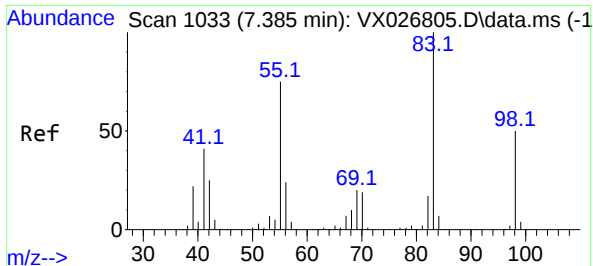
Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

Tgt Ion: 43 Resp: 14583

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	16.0
70	10.4	8.5	12.7





#39

Methylcyclohexane

Concen: 26.017 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-14R

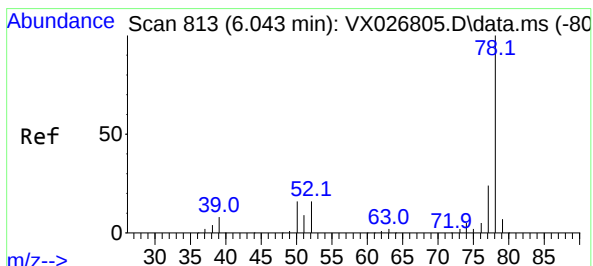
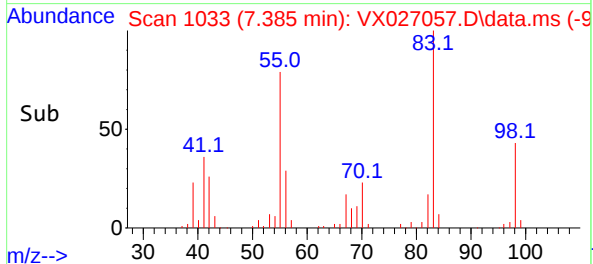
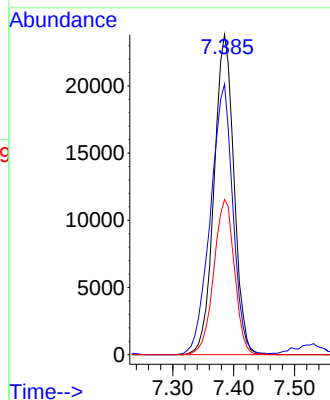
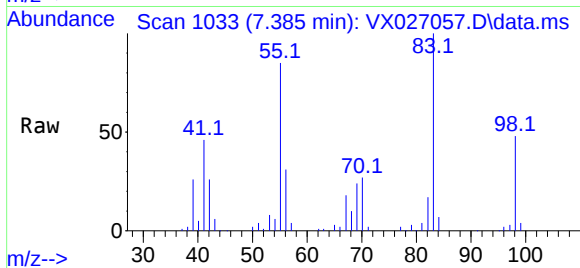
Tgt Ion: 83	Resp: 53954
Ion Ratio	Lower Upper
83 100	
55 84.3	63.6 95.4
98 48.5	38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 214.883 ug/l

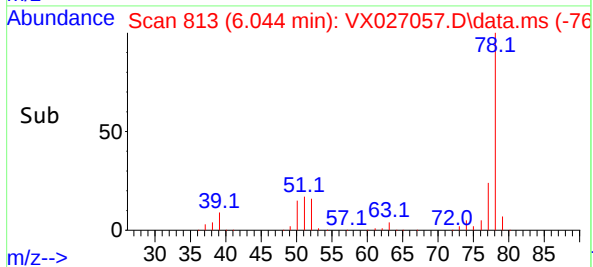
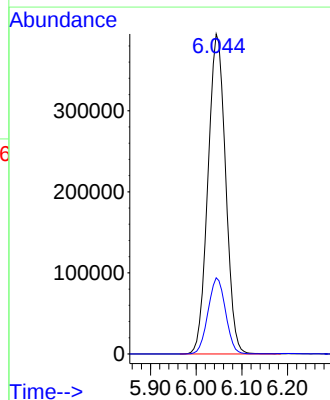
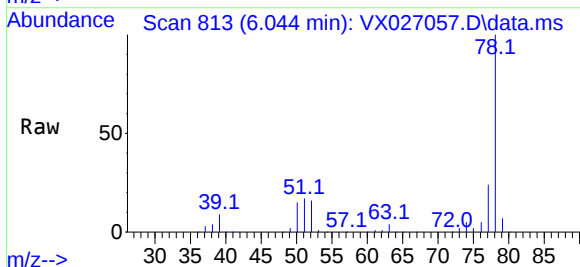
RT: 6.044 min Scan# 813

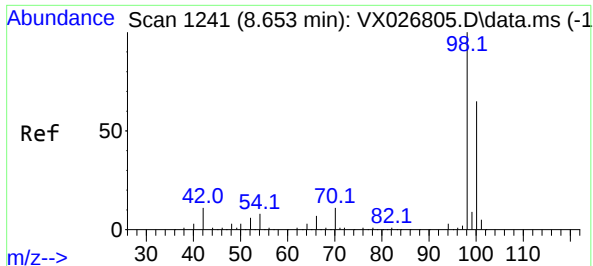
Delta R.T. 0.000 min

Lab File: VX027057.D

Acq: 16 Feb 2022 18:11

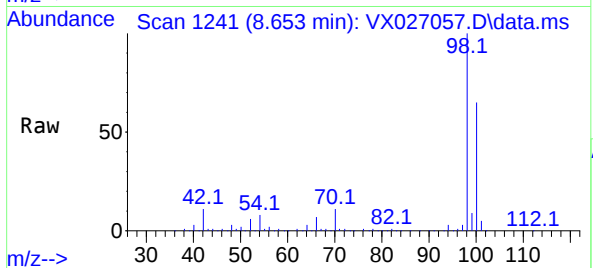
Tgt Ion: 78	Resp: 1059051
Ion Ratio	Lower Upper
78 100	
77 23.8	18.9 28.3





#50
Toluene-d8
Concen: 54.589 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

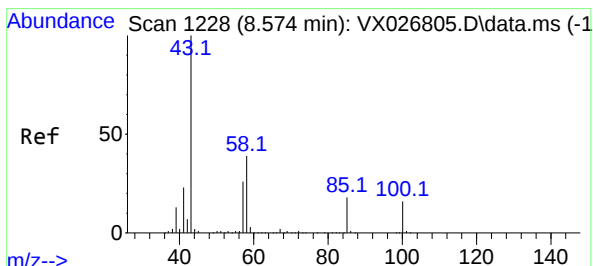
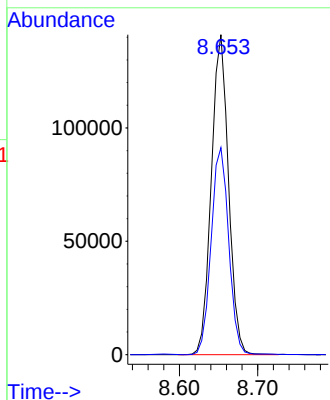
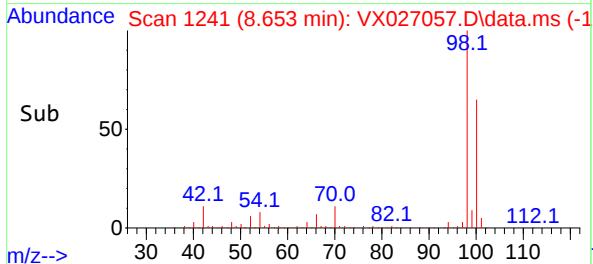
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



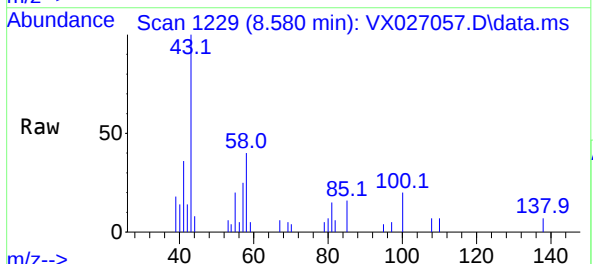
Tgt Ion: 98 Resp: 21479
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

Manual Integrations
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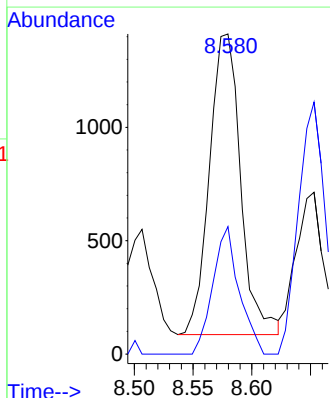
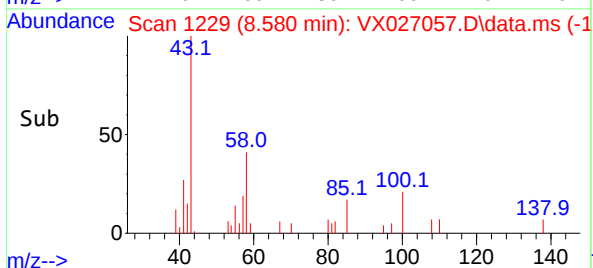
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

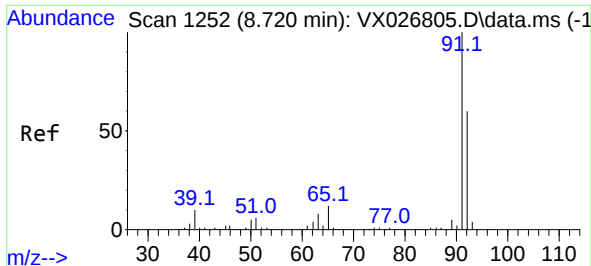


#51
4-Methyl-2-Pentanone
Concen: 1.367 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



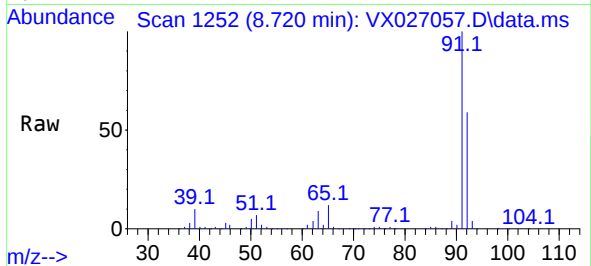
Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
58 35.7 30.5 45.7





#52
Toluene
Concen: 194.730 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

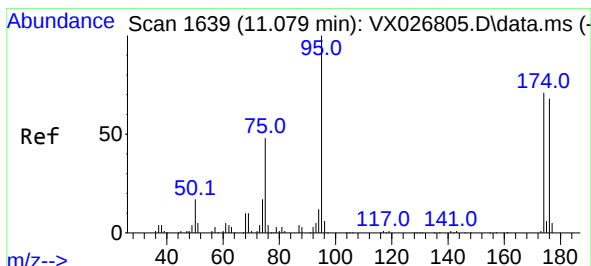
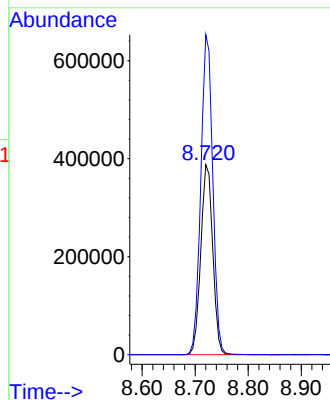
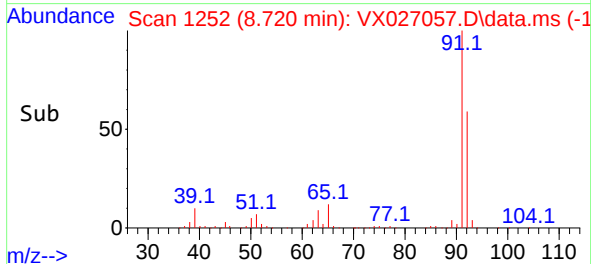
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



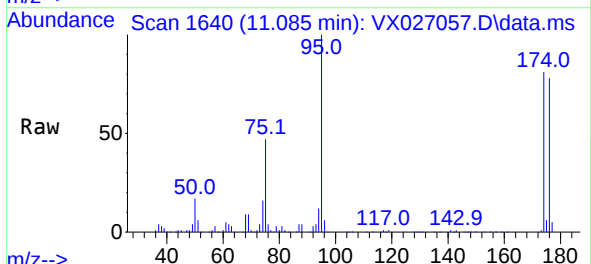
Tgt Ion: 92 Resp: 607628
Ion Ratio Lower Upper
92 100
91 168.5 135.7 203.5

Manual Integrations
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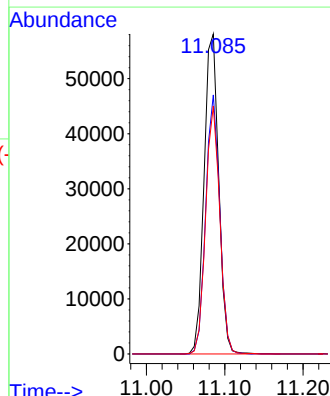
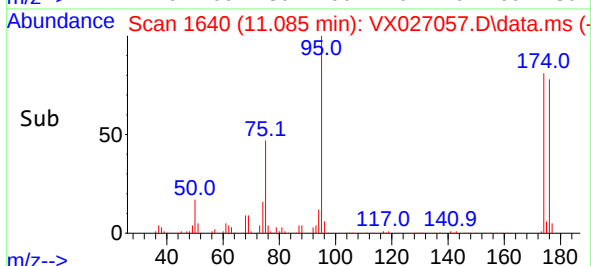
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

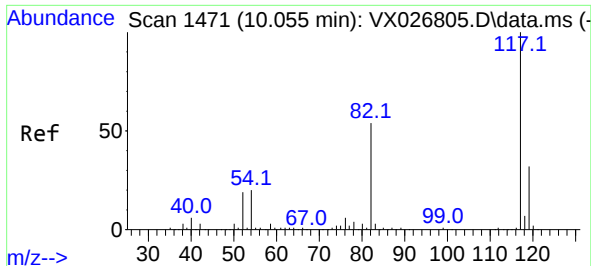


#62
4-Bromofluorobenzene
Concen: 54.231 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



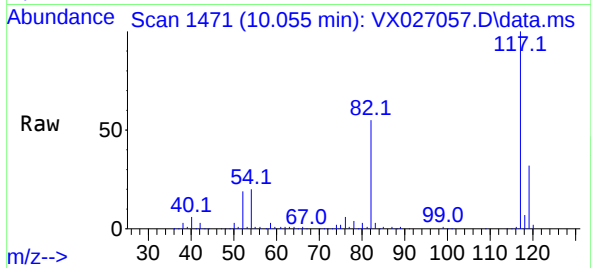
Tgt Ion: 95 Resp: 75126
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.6
176 75.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

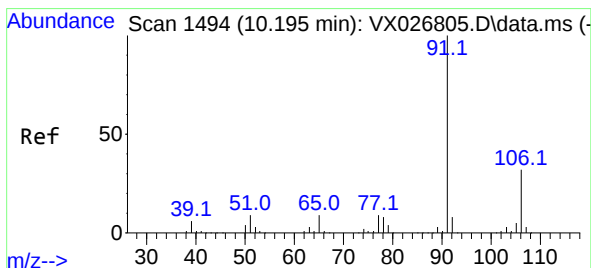
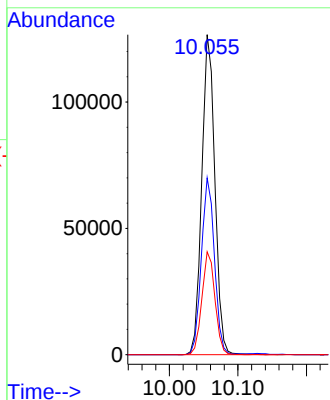
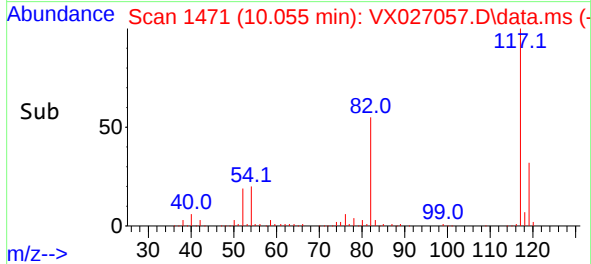
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



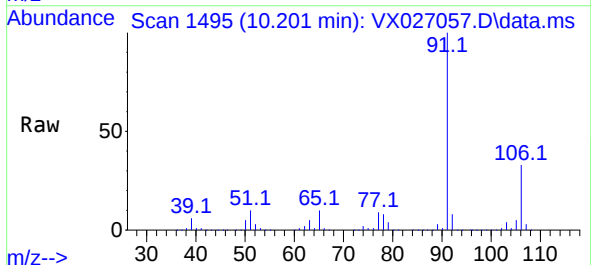
Tgt Ion:117 Resp: 168732
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.1 26.2 39.2

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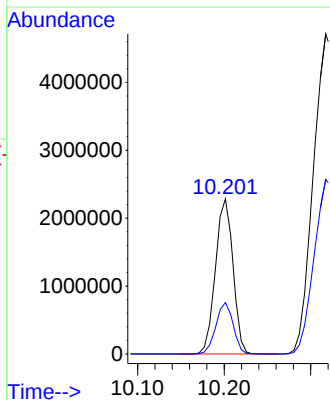
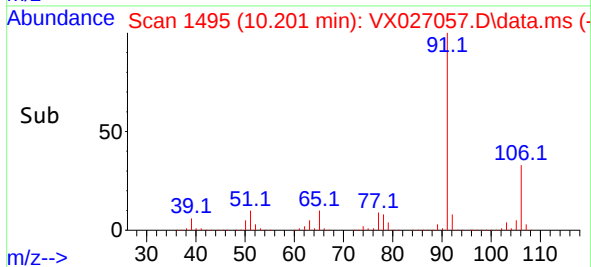
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

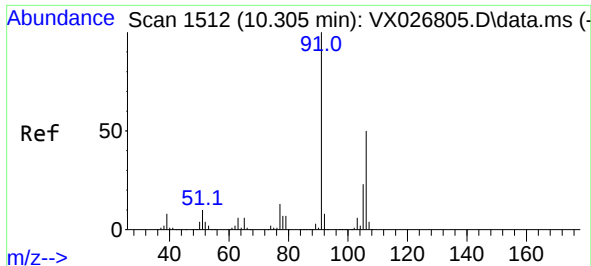


#67
Ethyl Benzene
Concen: 520.170 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



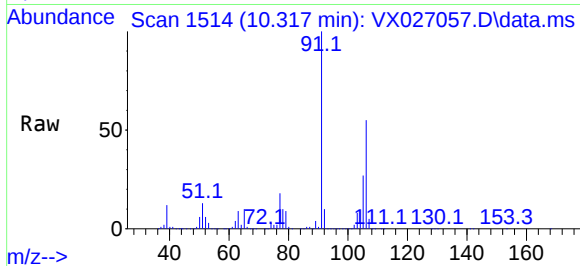
Tgt Ion: 91 Resp: 3212628
Ion Ratio Lower Upper
91 100
106 33.2 24.7 37.1





#68
m/p-Xylenes
Concen: 1883.194 ug/l
RT: 10.317 min Scan# 1512
Delta R.T. 0.012 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

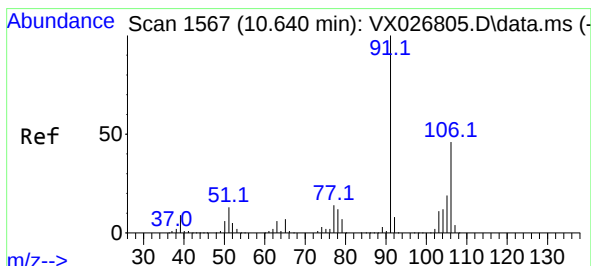
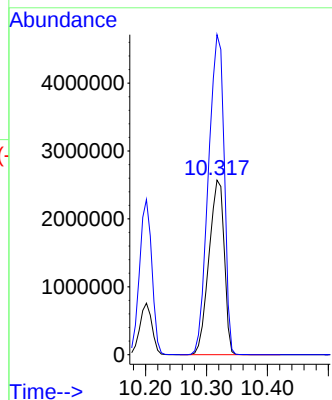
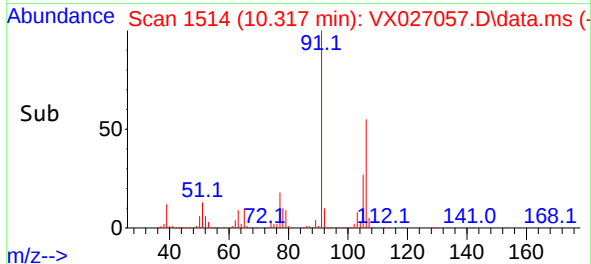
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



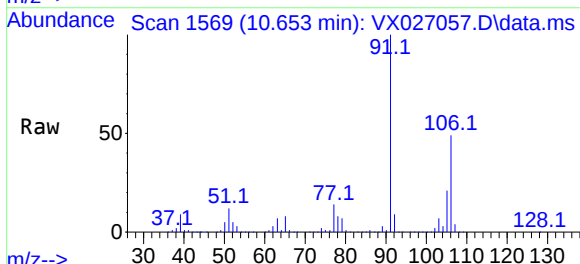
Tgt Ion:106 Resp: 447489
Ion Ratio Lower Upper
106 100
91 189.3 165.3 247.9

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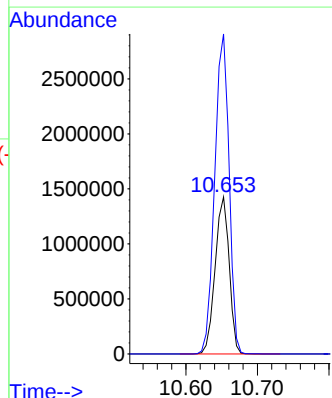
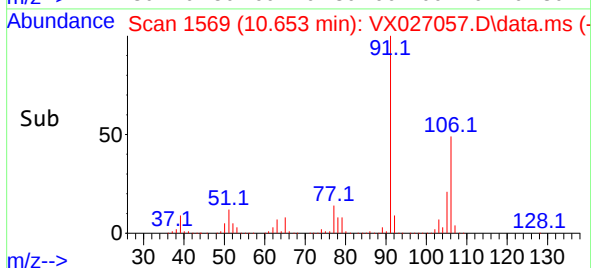
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

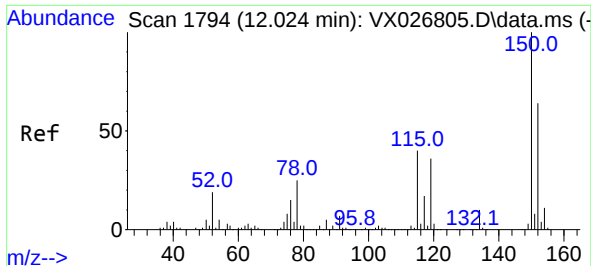


#69
o-Xylene
Concen: 835.708 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.012 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



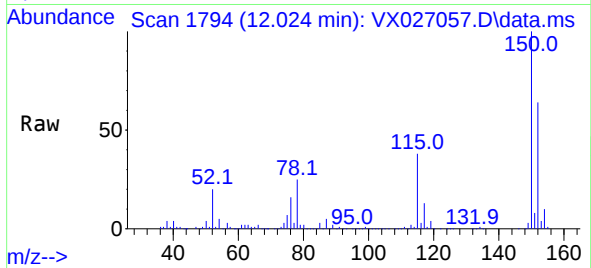
Tgt Ion:106 Resp: 1945860
Ion Ratio Lower Upper
106 100
91 208.2 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

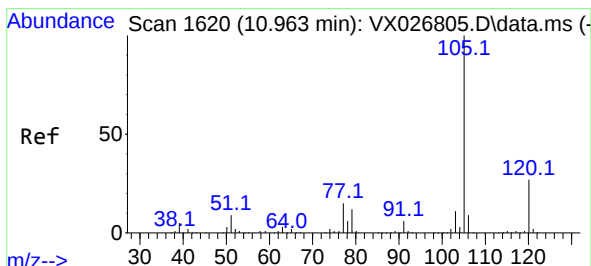
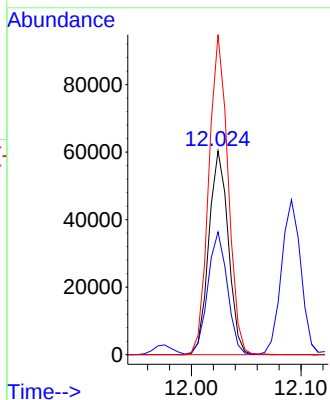
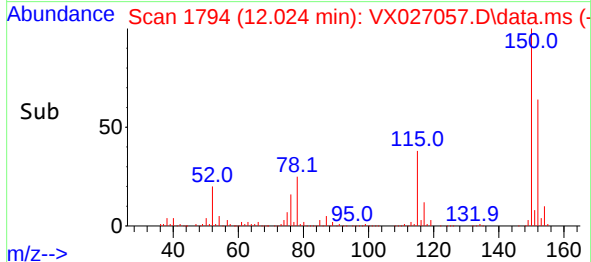
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



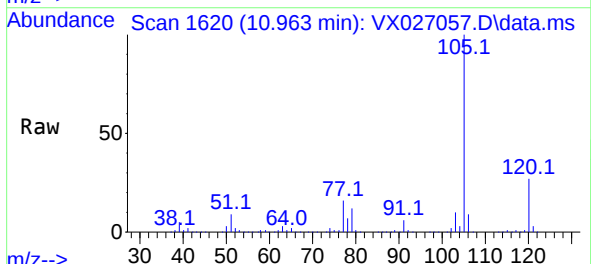
Tgt Ion:152 Resp: 7432
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 155.5 0.0 348.2

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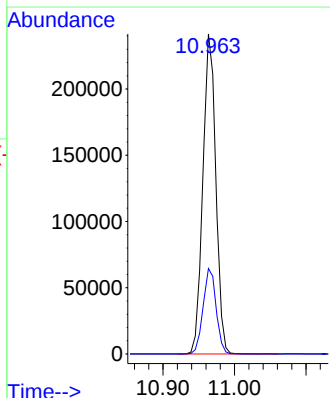
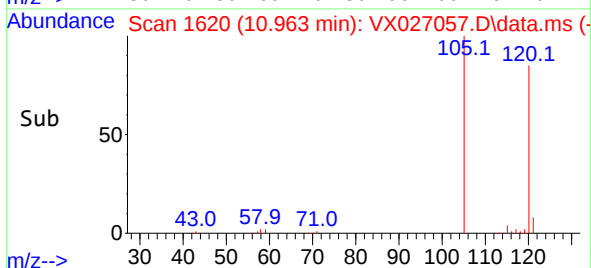
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

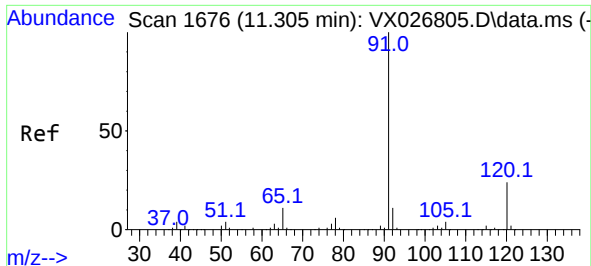


#73
Isopropylbenzene
Concen: 51.882 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



Tgt Ion:105 Resp: 303735
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





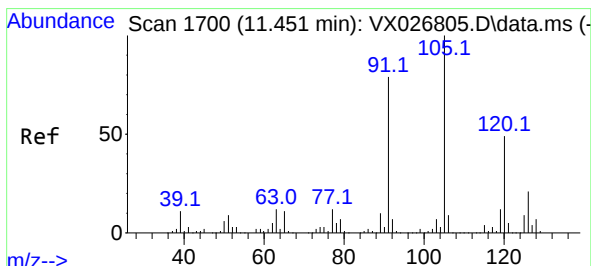
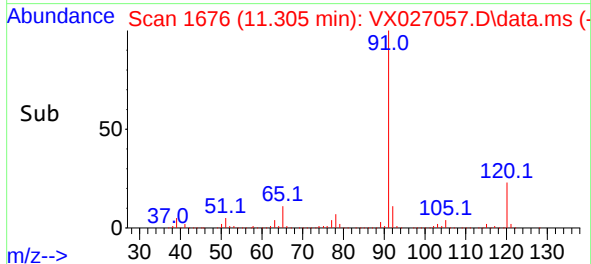
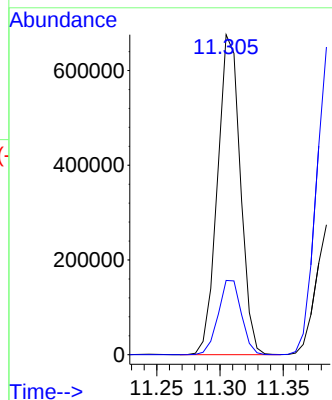
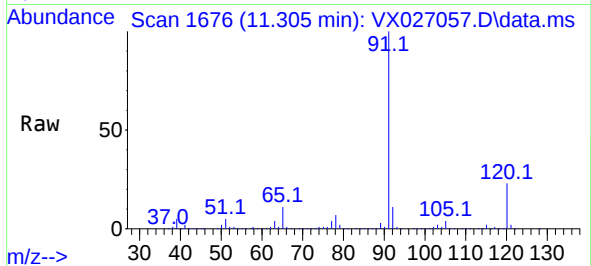
#78
n-propylbenzene
Concen: 130.481 ug/l
RT: 11.305 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-14R

Tgt Ion: 91 Resp: 84685
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7

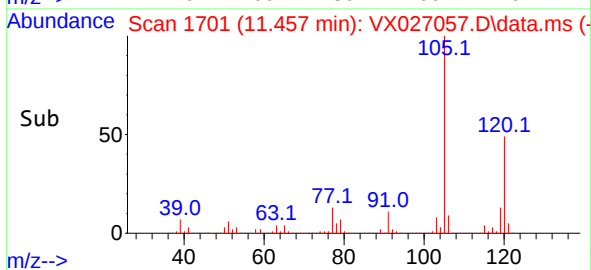
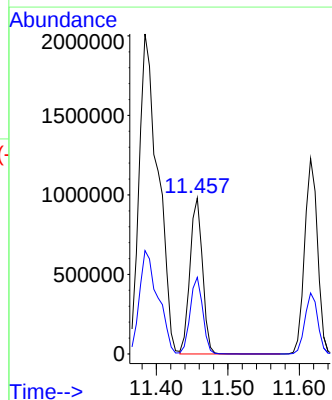
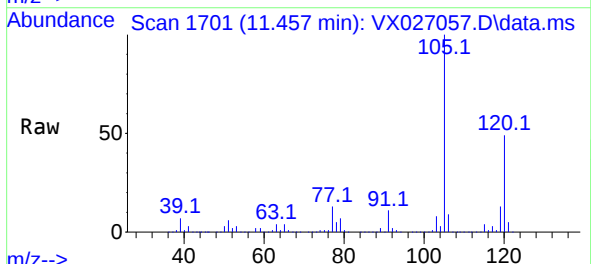
Manual Integrations
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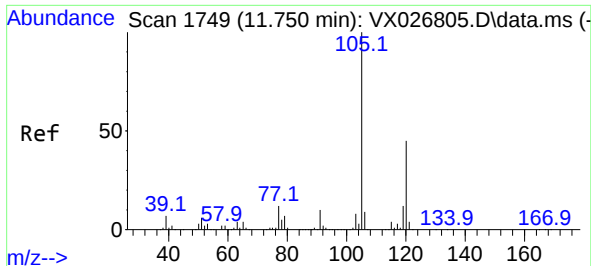
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 248.100 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

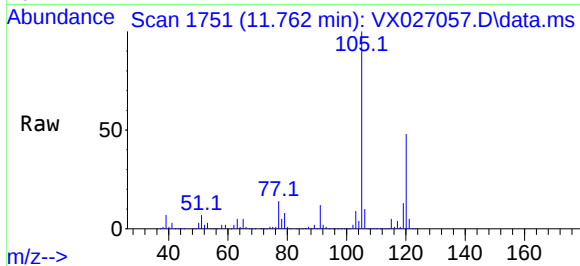
Tgt Ion:105 Resp: 1195429
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 750.875 ug/l
RT: 11.762 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

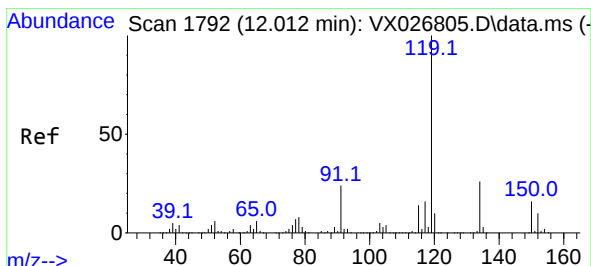
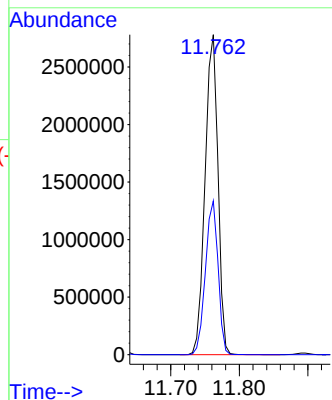
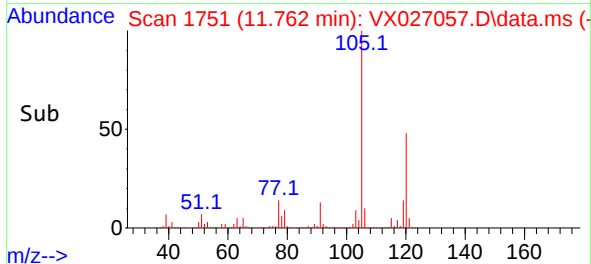
Instrument :
MSVOA_X
ClientSampleId :
MW-14R



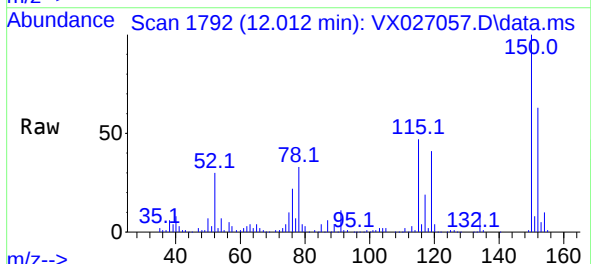
Tgt Ion:105 Resp: 3649290
Ion Ratio Lower Upper
105 100
120 47.1 21.9 65.5

Manual Integrations
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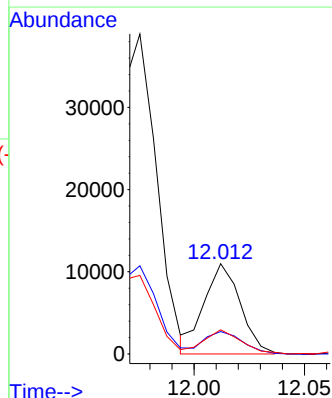
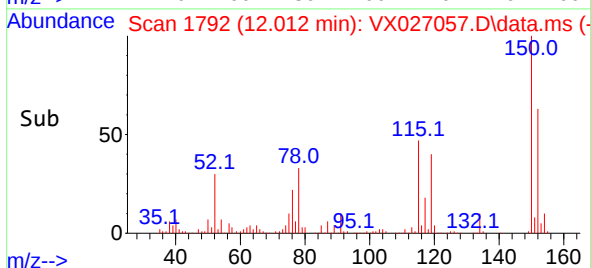
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

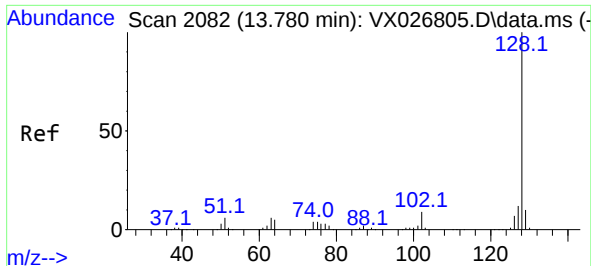


#86
p-Isopropyltoluene
Concen: 2.545 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11



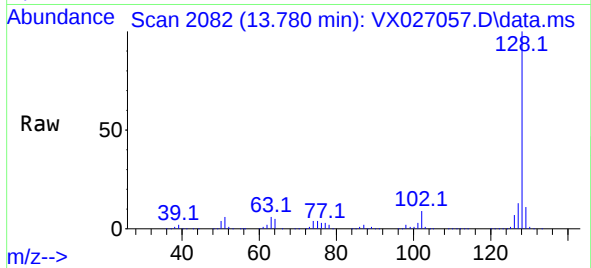
Tgt Ion:119 Resp: 12553
Ion Ratio Lower Upper
119 100
134 106.9 13.0 39.0#
91 0.0 12.6 37.6#





#95
Naphthalene
Concen: 157.992 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027057.D
Acq: 16 Feb 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-14R



Tgt Ion:128 Resp: 859330
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

