

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026790.D
 Acq On : 07 Feb 2022 17:24
 Operator : JC/MD
 Sample : N1359-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP020122

Quant Time: Feb 07 23:31:35 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 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78389	44.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.540%		
35) Dibromofluoromethane	5.391	113	65610	48.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.653	98	246485	50.637	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.280%		
62) 4-Bromofluorobenzene	11.079	95	92299	53.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.760%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3036	3.362	ug/l #	85
31) Cyclohexane	5.489	56	9116	3.490	ug/l #	78
39) Methylcyclohexane	7.385	83	14411	5.603	ug/l	98
40) Benzene	6.044	78	2766	0.469	ug/l	95
67) Ethyl Benzene	10.195	91	13695	1.891	ug/l	96
68) m/p-Xylenes	10.305	106	134744	49.715	ug/l	98
69) o-Xylene	10.640	106	66816	25.548	ug/l	99
73) Isopropylbenzene	10.963	105	21866	3.243	ug/l	99
78) n-propylbenzene	11.305	91	50242	6.535	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.457	105	1685962	303.342	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3264719	587.279	ug/l	94
85) sec-Butylbenzene	11.890	105	39351m	5.863	ug/l	
86) p-Isopropyltoluene	12.012	119	50129	8.903	ug/l	99

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

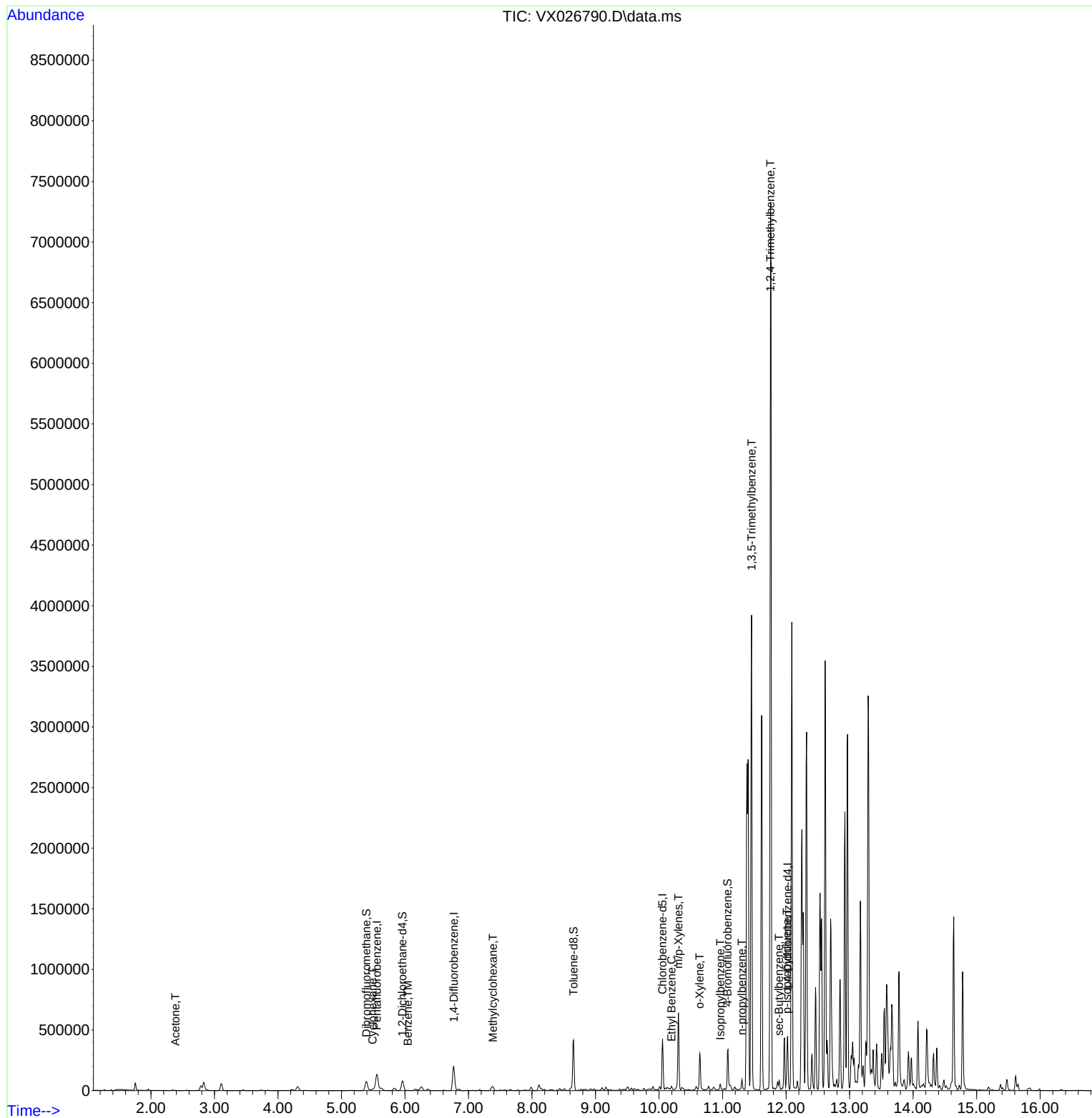
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
Data File : VX026790.D
Acq On : 07 Feb 2022 17:24
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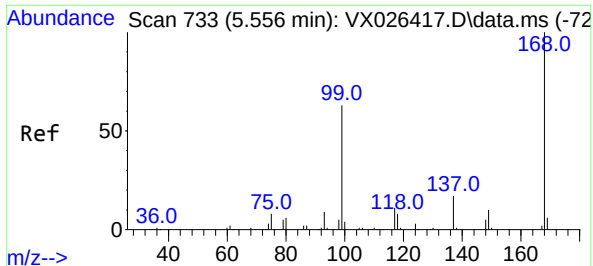
Instrument :
MSVOA_X
ClientSampleId :
DUP020122

Quant Time: Feb 07 23:31:35 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

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APPROVED

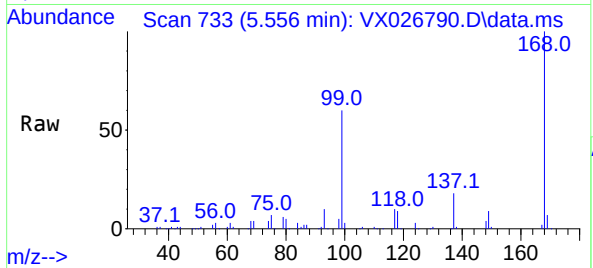
Reviewed By : John Carlone 02/08/2022
Supervised By : Mahesh Dadoda 02/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

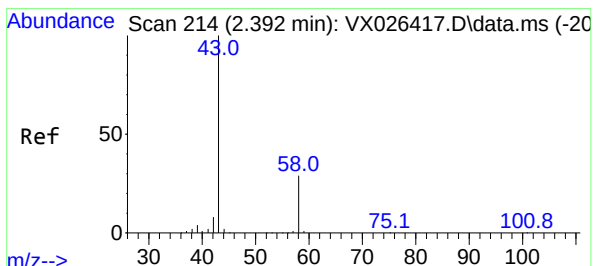
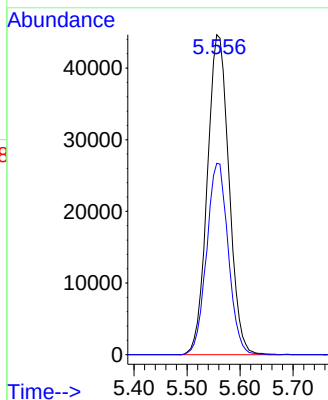
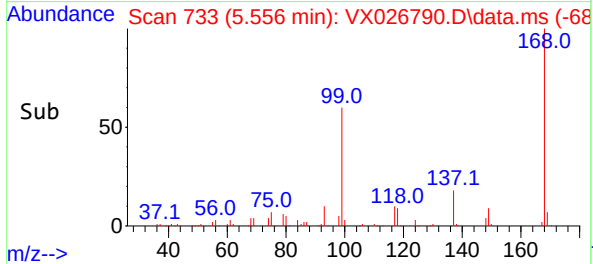
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



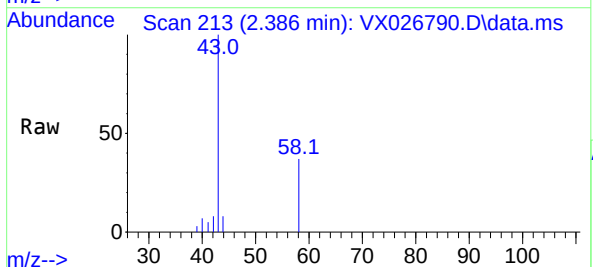
Tgt Ion:168 Resp: 126769
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5

Manual Integrations
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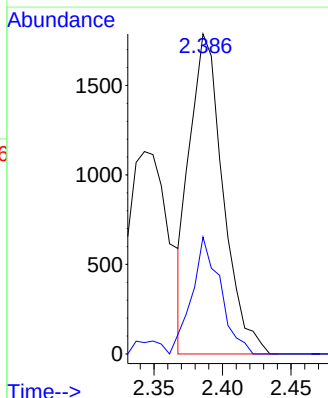
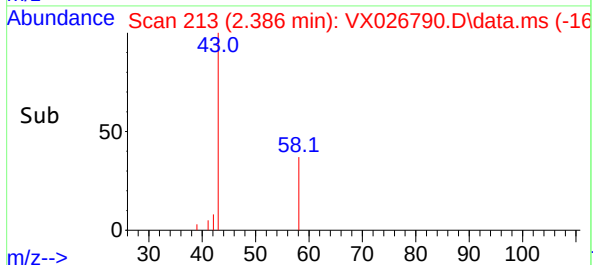
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

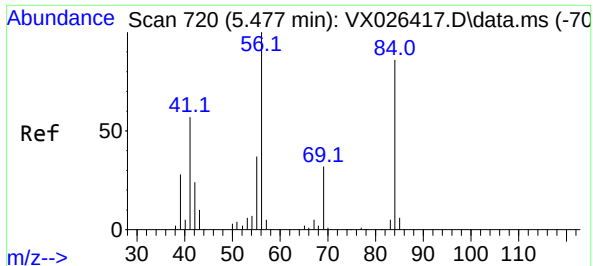


#16
Acetone
Concen: 3.362 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



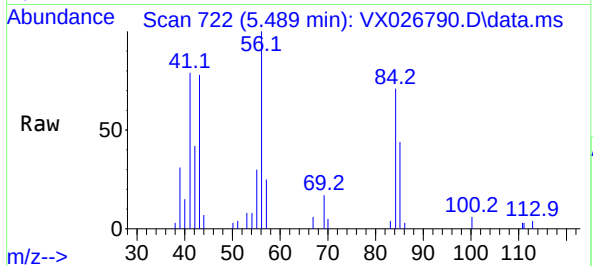
Tgt Ion: 43 Resp: 3036
Ion Ratio Lower Upper
43 100
58 36.5 23.0 34.6#





#31
Cyclohexane
Concen: 3.490 ug/l
RT: 5.489 min Scan# 711
Delta R.T. 0.012 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

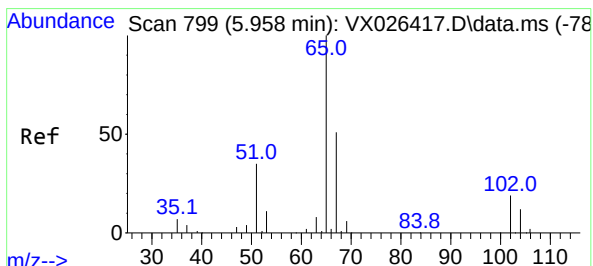
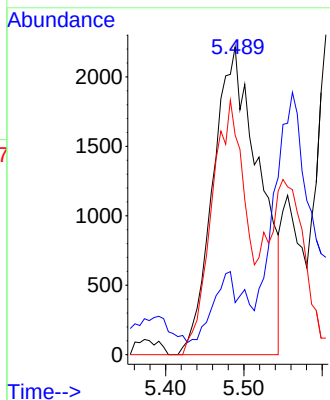
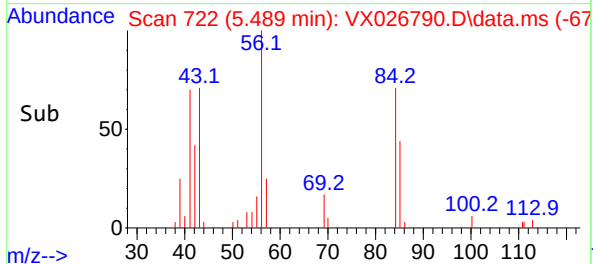
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



Tgt Ion: 56 Resp: 9110
Ion Ratio Lower Upper
56 100
69 11.1 25.8 38.6
84 71.3 68.9 103.3

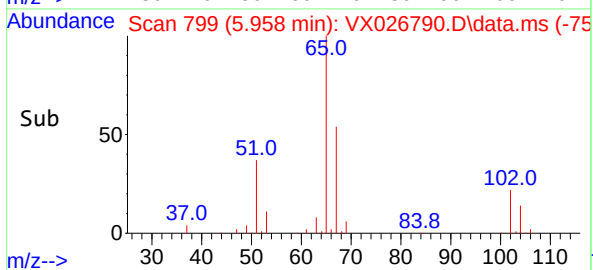
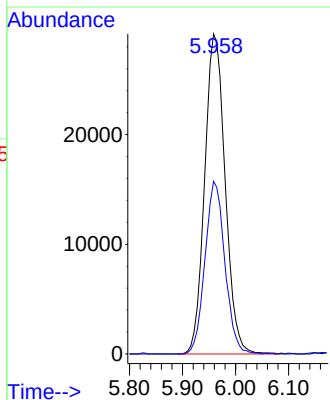
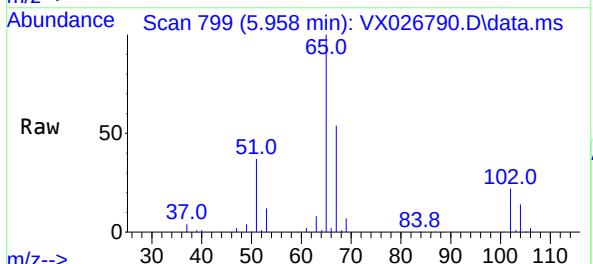
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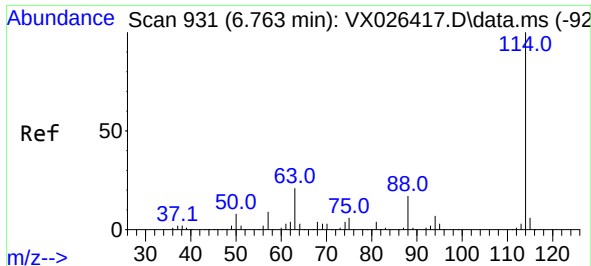
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#33
1,2-Dichloroethane-d4
Concen: 44.266 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

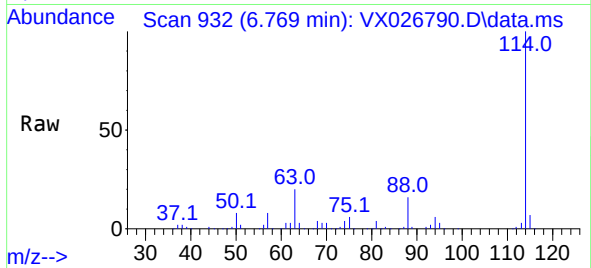
Tgt Ion: 65 Resp: 78389
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

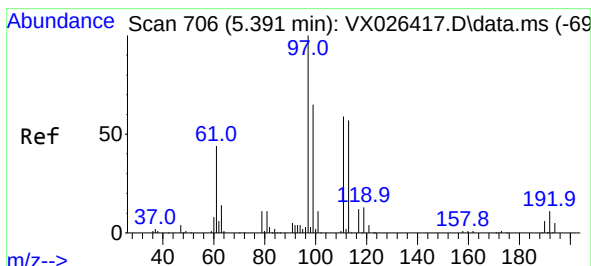
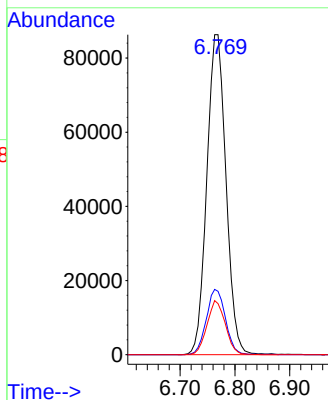
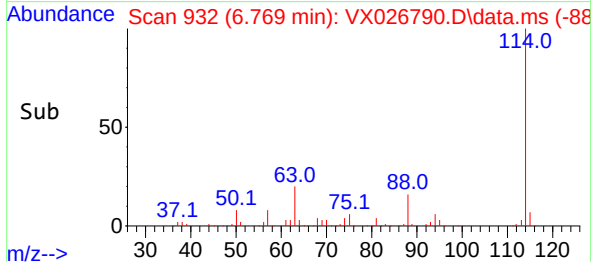
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



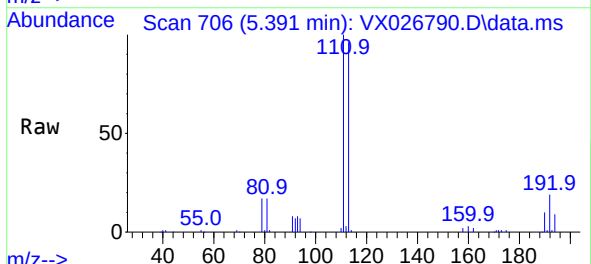
Tgt Ion:114 Resp: 209178
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 15.9 0.0 33.0

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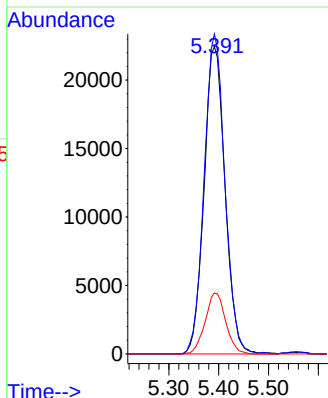
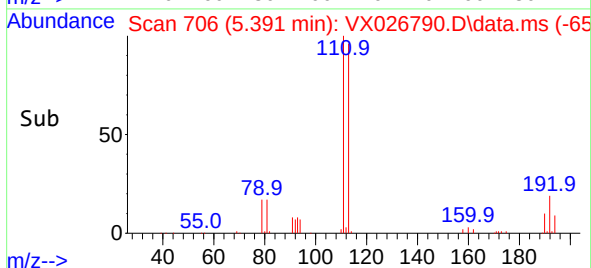
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

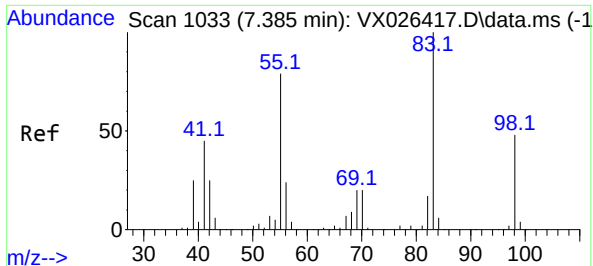


#35
Dibromofluoromethane
Concen: 48.571 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



Tgt Ion:113 Resp: 65610
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.4 15.0 22.4





#39

Methylcyclohexane

Concen: 5.603 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026790.D

Acq: 07 Feb 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

DUP020122

Tgt Ion: 83 Resp: 1441

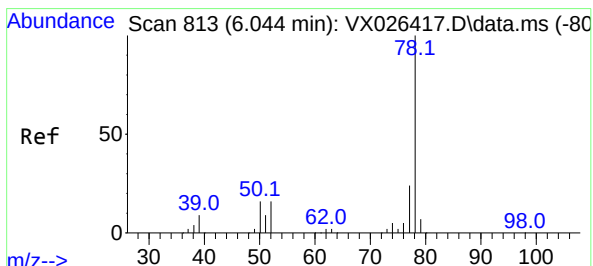
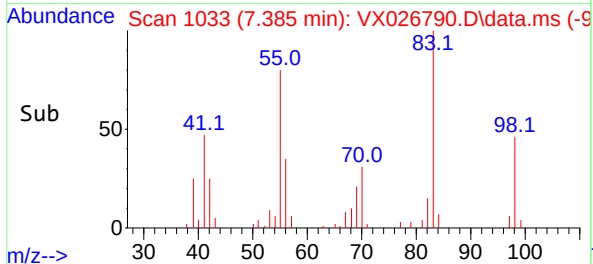
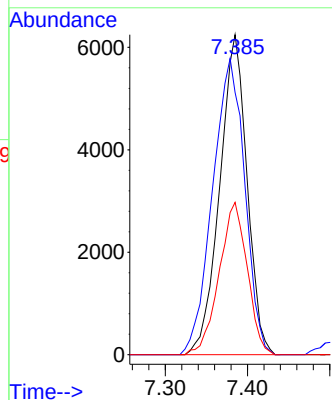
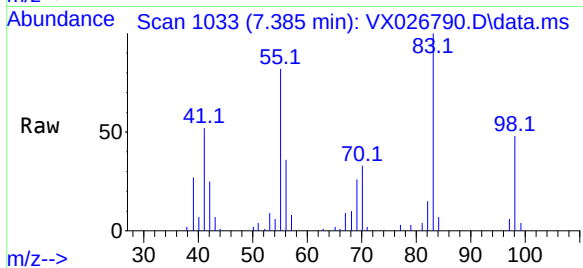
Ion	Ratio	Lower	Upper
83	100		
55	81.9	63.6	95.4
98	47.6	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 02/08/2022

Supervised By :Mahesh Dadoda 02/08/2022



#40

Benzene

Concen: 0.469 ug/l

RT: 6.044 min Scan# 813

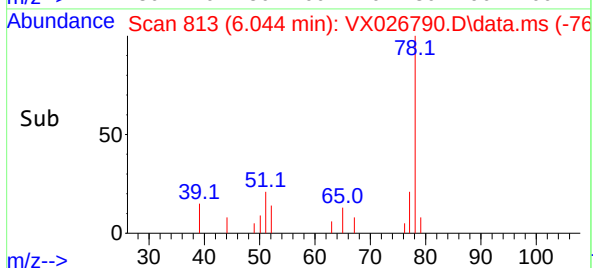
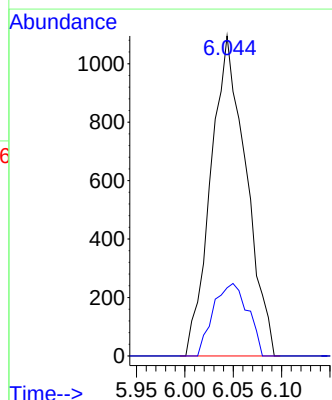
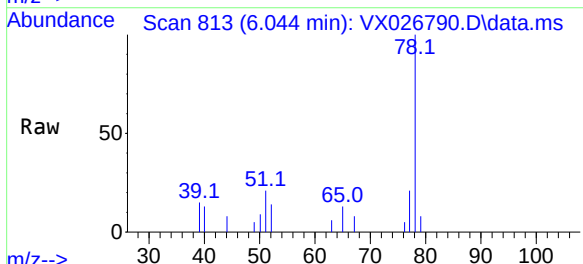
Delta R.T. 0.000 min

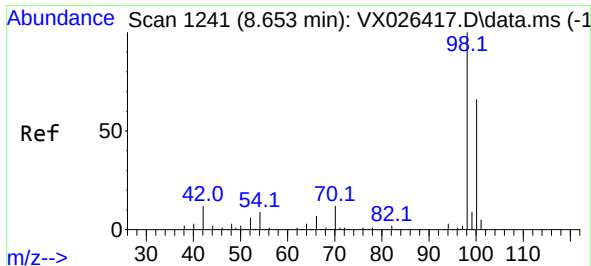
Lab File: VX026790.D

Acq: 07 Feb 2022 17:24

Tgt Ion: 78 Resp: 2766

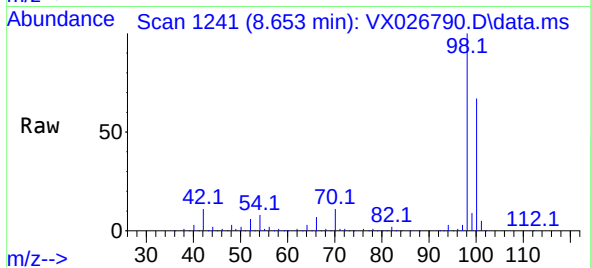
Ion	Ratio	Lower	Upper
78	100		
77	21.3	18.9	28.3





#50
Toluene-d8
Concen: 50.637 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

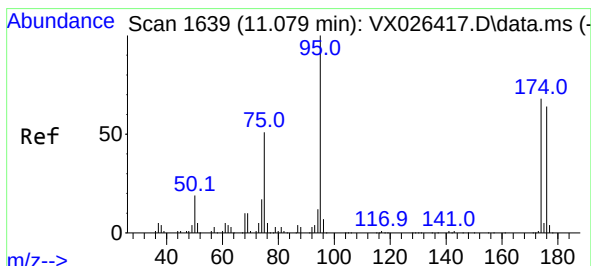
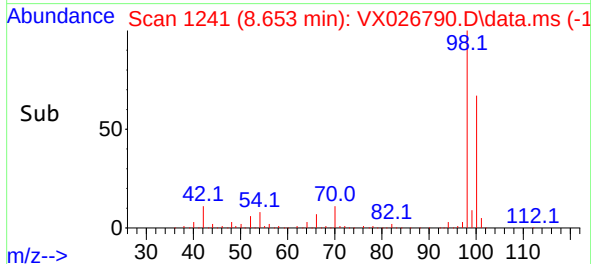
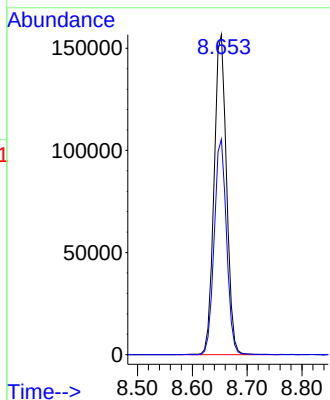
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



Tgt Ion: 98 Resp: 246489
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

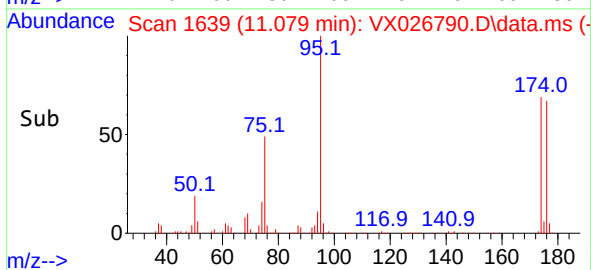
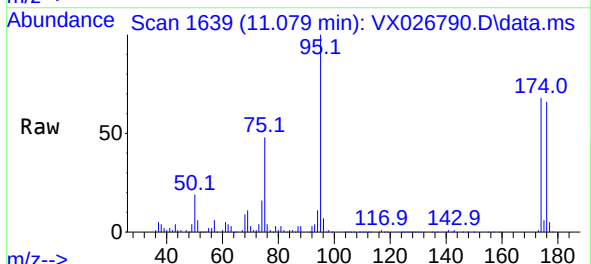
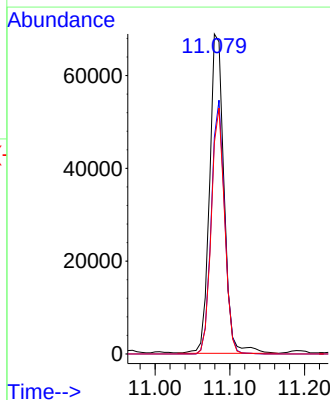
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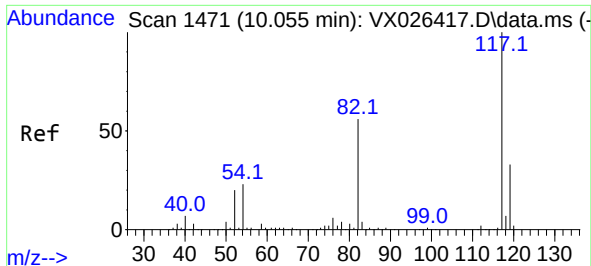
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#62
4-Bromofluorobenzene
Concen: 53.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

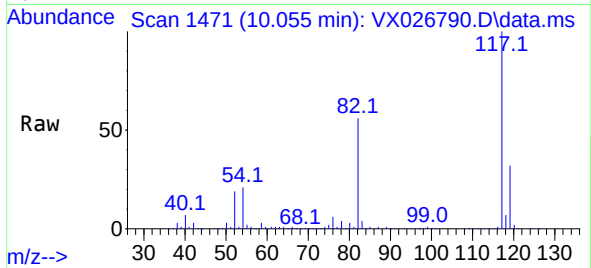
Tgt Ion: 95 Resp: 92299
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.6
176 71.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

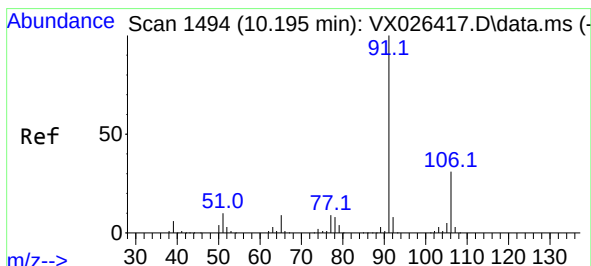
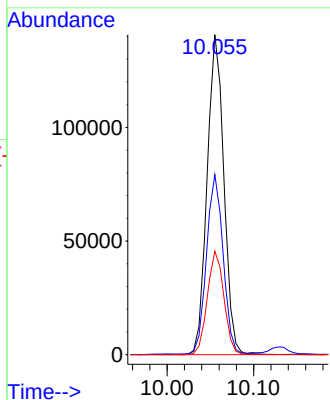
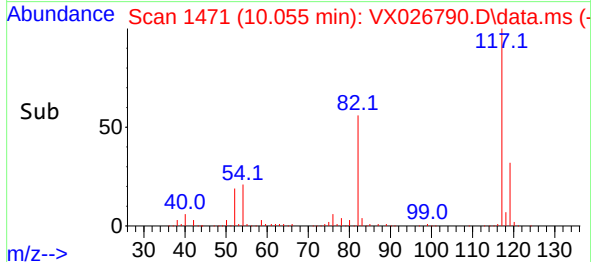
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



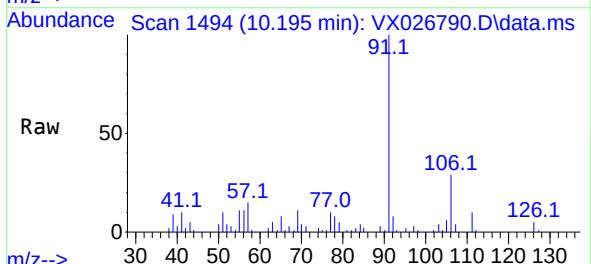
Tgt Ion:117 Resp: 189254
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.4 26.2 39.2

Manual Integrations
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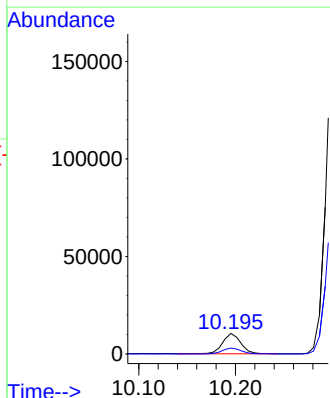
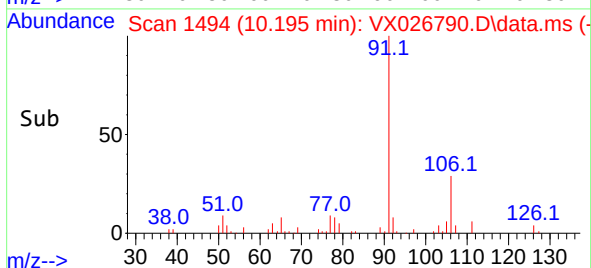
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

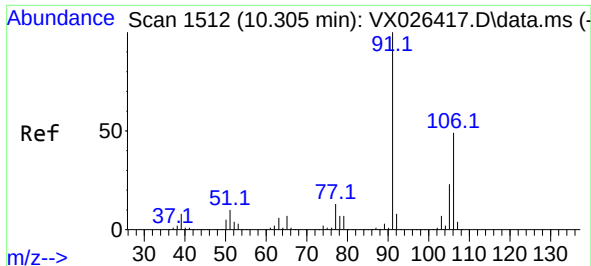


#67
Ethyl Benzene
Concen: 1.891 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



Tgt Ion: 91 Resp: 13695
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1





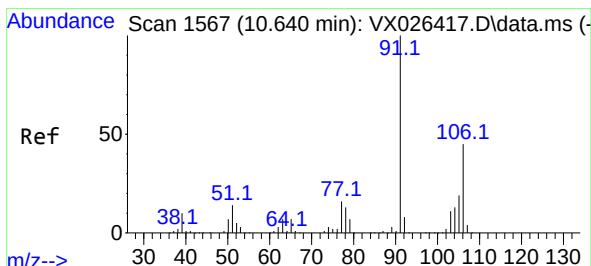
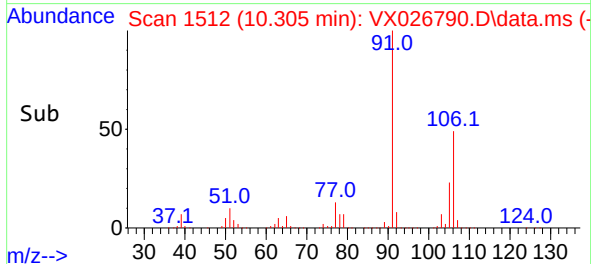
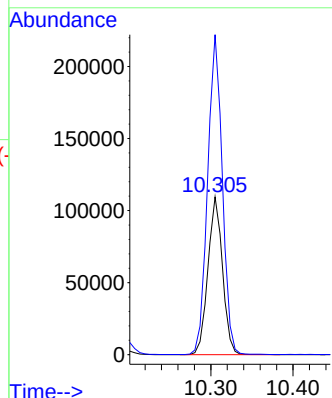
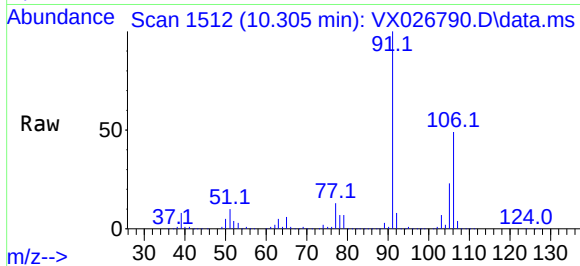
#68
m/p-Xylenes
Concen: 49.715 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

Instrument :
MSVOA_X
ClientSampleId :
DUP020122

Tgt Ion:106 Resp: 134744
Ion Ratio Lower Upper
106 100
91 204.2 165.3 247.9

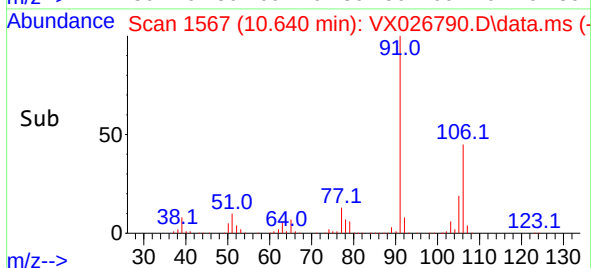
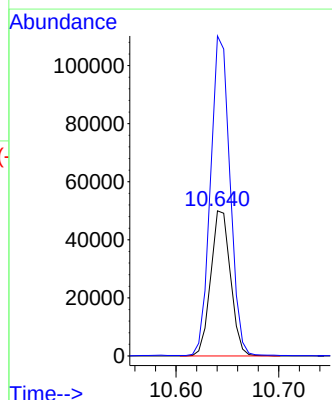
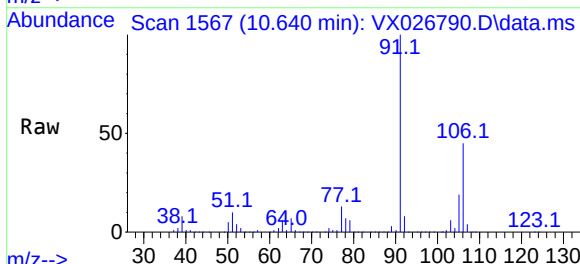
Manual Integrations
APPROVED

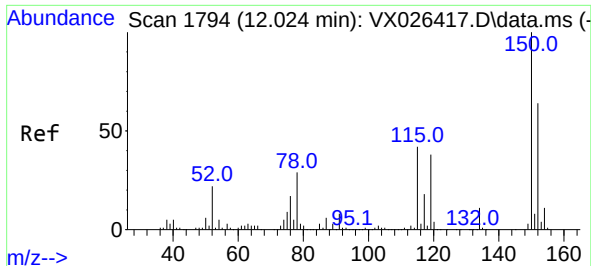
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022



#69
o-Xylene
Concen: 25.548 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

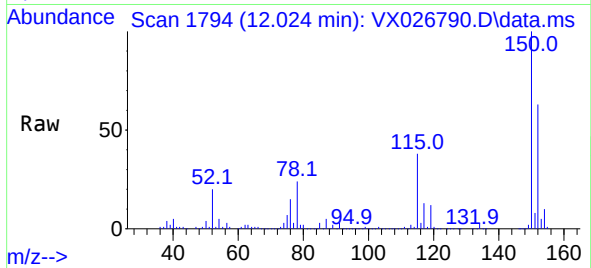
Tgt Ion:106 Resp: 66816
Ion Ratio Lower Upper
106 100
91 218.0 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

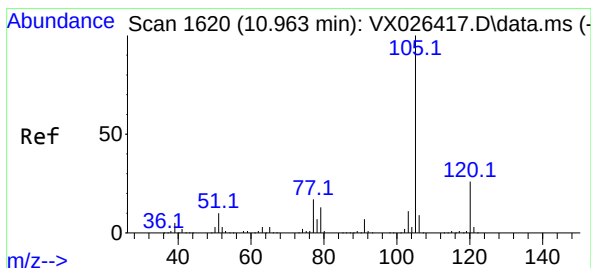
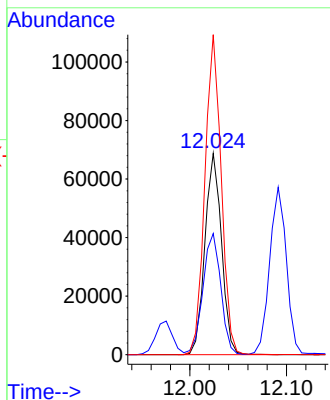
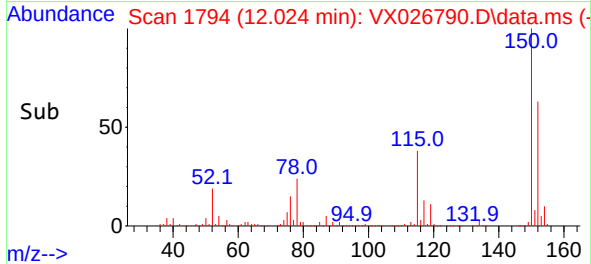
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



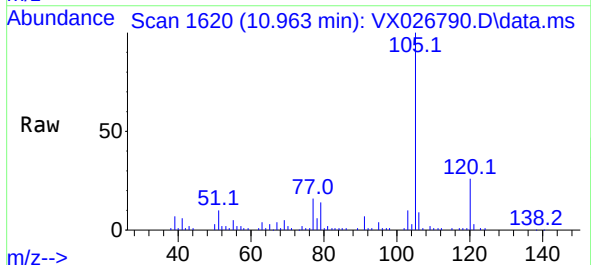
Tgt Ion:152 Resp: 82240
Ion Ratio Lower Upper
152 100
115 64.6 44.2 132.6
150 156.5 0.0 348.2

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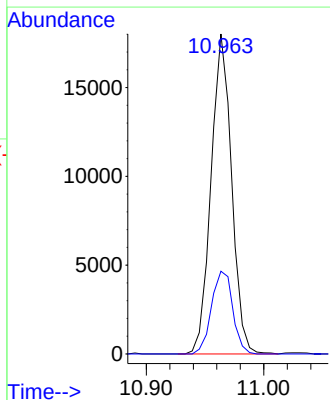
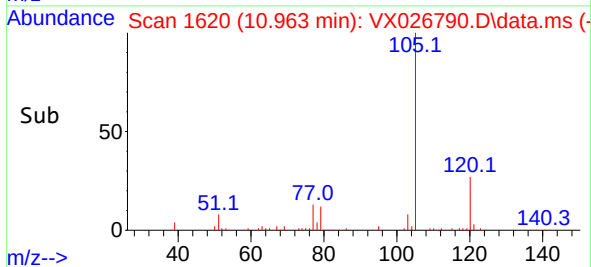
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

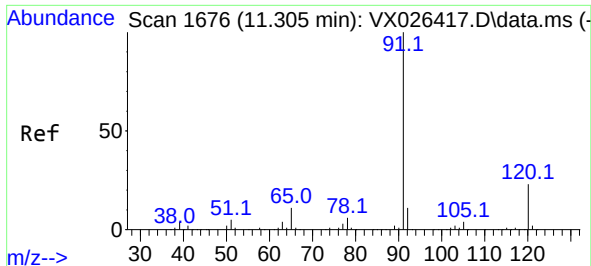


#73
Isopropylbenzene
Concen: 3.243 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



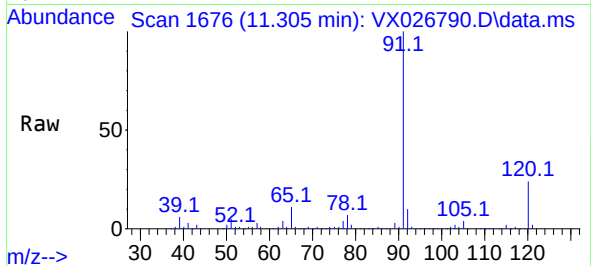
Tgt Ion:105 Resp: 21866
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1





#78
n-propylbenzene
Concen: 6.535 ug/l
RT: 11.305 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

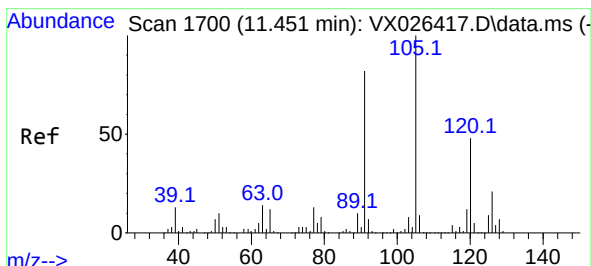
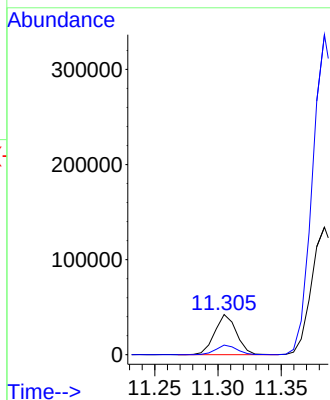
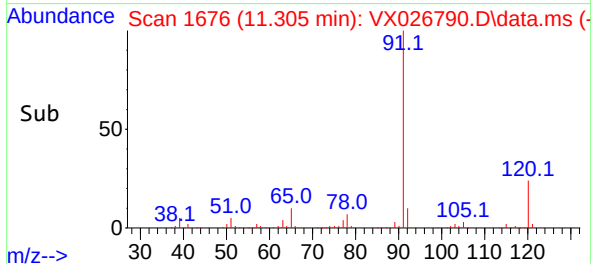
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



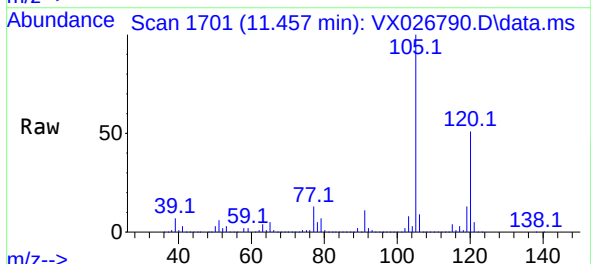
Tgt Ion: 91 Resp: 5024
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.7

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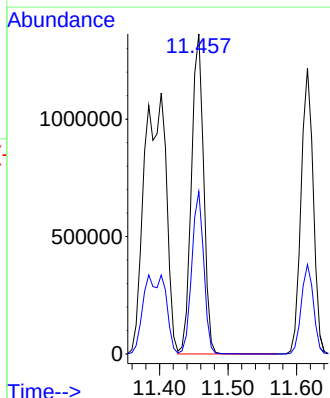
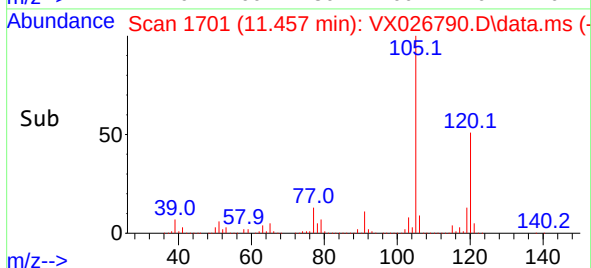
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

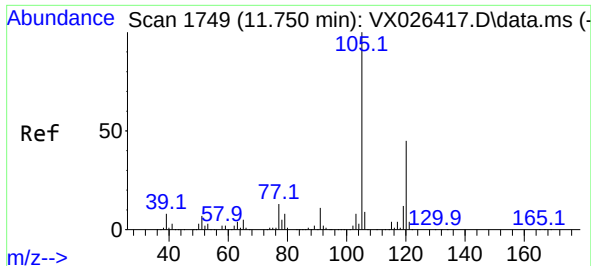


#80
1,3,5-Trimethylbenzene
Concen: 303.342 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



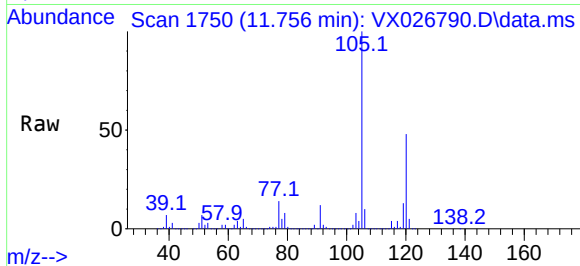
Tgt Ion:105 Resp: 1685962
Ion Ratio Lower Upper
105 100
120 49.8 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 587.279 ug/l
RT: 11.756 min Scan# 11749
Delta R.T. 0.006 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24

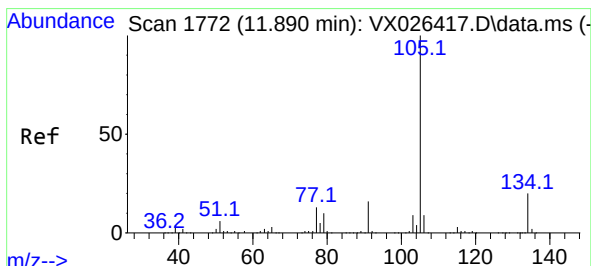
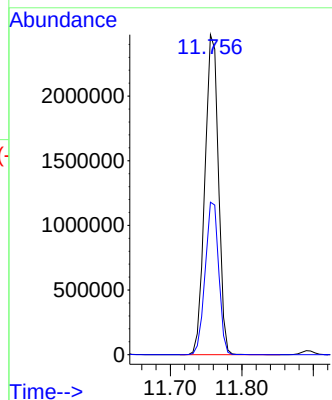
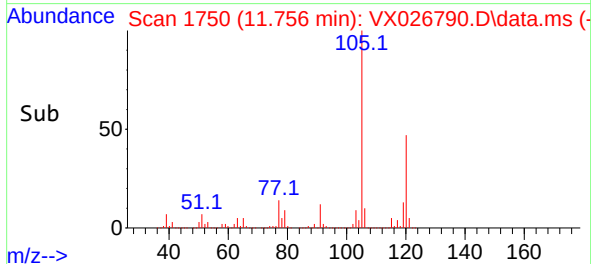
Instrument :
MSVOA_X
ClientSampleId :
DUP020122



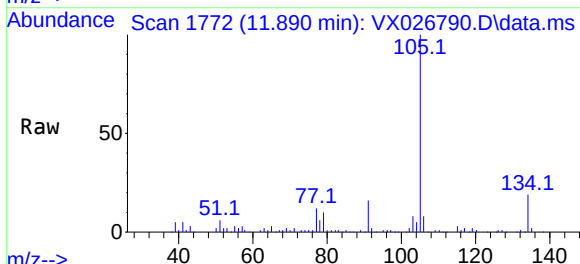
Tgt Ion:105 Resp: 3264719
Ion Ratio Lower Upper
105 100
120 47.5 21.9 65.5

Manual Integrations
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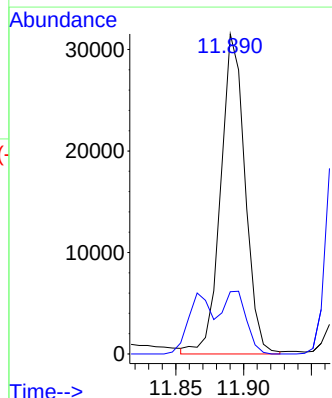
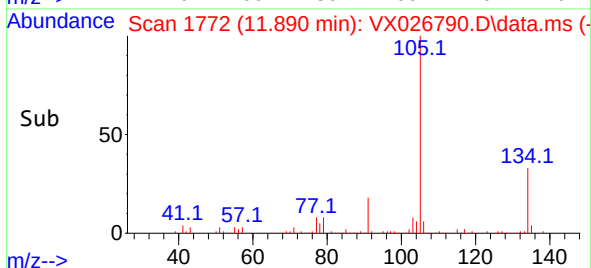
Reviewed By :John Carlone 02/08/2022
Supervised By :Mahesh Dadoda 02/08/2022

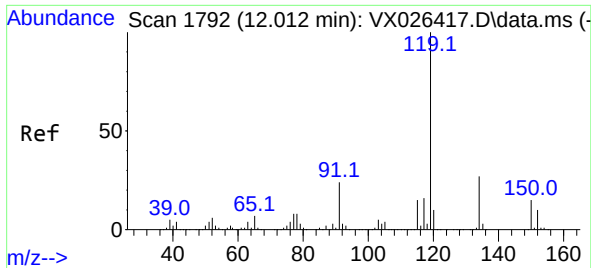


#85
sec-Butylbenzene
Concen: 5.863 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026790.D
Acq: 07 Feb 2022 17:24



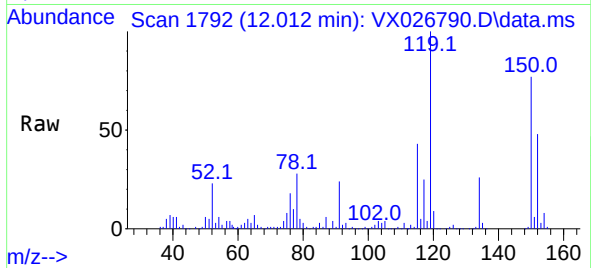
Tgt Ion:105 Resp: 39351
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86
 p-Isopropyltoluene
 Concen: 8.903 ug/l
 RT: 12.012 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VX026790.D
 Acq: 07 Feb 2022 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP020122



Tgt Ion:119 Resp: 50129

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.0	39.0
91	24.6	12.6	37.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

